

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113330.D
 Acq On : 27 Mar 2019 14:53
 Operator : JU/SJ
 Sample : K2102-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-001-IDWSO-20190325MSD

Manual Integrations
 APPROVED

Sohil
 3/28/2019 8:41:48 AM

Quant Time: Mar 28 03:51:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	169527	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	636631	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	307670	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	619683	20.00	ng	0.00
76) Chrysene-d12	13.84	240	376015	20.00	ng	0.00
87) Perylene-d12	15.24	264	408874	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1259001	121.43	ng	0.01
7) Phenol-d6	6.36	99	1617326	123.31	ng	0.00
23) Nitrobenzene-d5	7.27	82	1002622	93.48	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	453975	119.45	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1545863	77.11	ng	0.00
79) Terphenyl-d14	12.79	244	1602327	93.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	198988	37.828	ng	97
3) Pyridine	3.12	79	524620	40.455	ng	97
4) n-Nitrosodimethylamine	3.05	42	235889	40.918	ng	90
6) Aniline	6.37	93	432705	27.091	ng	# 58
8) 2-Chlorophenol	6.49	128	486691	40.424	ng	99
9) Benzaldehyde	6.25	77	114440	13.003	ng	99
10) Phenol	6.37	94	640607	42.782	ng	86
11) bis(2-Chloroethyl)ether	6.45	93	470404	40.984	ng	98
12) 1,3-Dichlorobenzene	6.65	146	511469	39.410	ng	99
13) 1,4-Dichlorobenzene	6.72	146	520769	41.559	ng	98
14) 1,2-Dichlorobenzene	6.87	146	486855	39.493	ng	99
15) Benzyl Alcohol	6.85	79	386555	44.674	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	725350	42.067	ng	99
17) 2-Methylphenol	6.97	107	412262	43.693	ng	98
18) Hexachloroethane	7.22	117	183502	40.772	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	328206	39.838	ng	98
20) 3+4-Methylphenols	7.13	107	505389	46.958	ng	97
22) Acetophenone	7.12	105	660942	45.524	ng	98
24) Nitrobenzene	7.29	77	518715	46.344	ng	96
25) Isophorone	7.53	82	943355	45.383	ng	97
26) 2-Nitrophenol	7.60	139	275567	46.578	ng	96
27) 2,4-Dimethylphenol	7.65	122	453090	53.239	ng	100
28) bis(2-Chloroethoxy)methane	7.74	93	601914	45.983	ng	99
29) 2,4-Dichlorophenol	7.85	162	432453	46.891	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	447941	45.018	ng	97
31) Naphthalene	8.01	128	1399587	44.987	ng	100
32) Benzoic acid	7.73	122	18296m	2.671	ng	
33) 4-Chloroaniline	8.06	127	331673	27.340	ng	99
34) Hexachlorobutadiene	8.13	225	254822	43.089	ng	98
35) Caprolactam	8.43	113	134555m	45.459	ng	
36) 4-Chloro-3-methylphenol	8.56	107	442683	47.723	ng	99
37) 2-Methylnaphthalene	8.70	142	938843	48.364	ng	99
38) 1-Methylnaphthalene	8.80	142	880868	47.177	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	433120	43.855	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113330.D
 Acq On : 27 Mar 2019 14:53
 Operator : JU/SJ
 Sample : K2102-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-001-IDWSO-20190325MSD

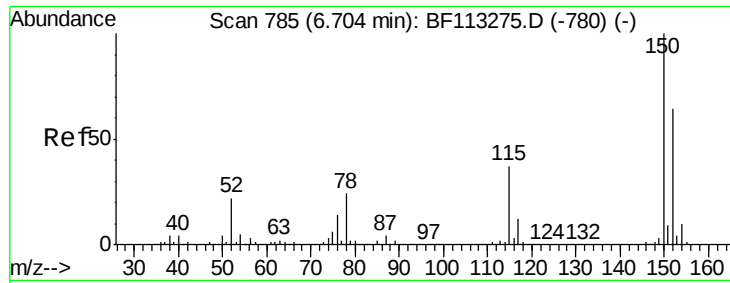
Manual Integrations
 APPROVED

Sohil
 3/28/2019 8:41:48 AM

Quant Time: Mar 28 03:51:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	339397	81.189	nq	99
43) 2,4,6-Trichlorophenol	8.98	196	293314	45.607	nq	98
44) 2,4,5-Trichlorophenol	9.03	196	312674	43.931	nq	99
46) 1,1'-Biphenyl	9.16	154	1127420	43.875	nq	99
47) 2-Chloronaphthalene	9.19	162	873750	44.162	nq	99
48) 2-Nitroaniline	9.29	65	292696	47.142	nq	94
49) Acenaphthylene	9.60	152	1416940	44.293	nq	99
50) Dimethylphthalate	9.47	163	1179802	51.744	nq	100
51) 2,6-Dinitrotoluene	9.53	165	234447	45.579	nq	95
52) Acenaphthene	9.77	154	805862	44.732	nq	99
53) 3-Nitroaniline	9.69	138	211854	36.522	nq	93
54) 2,4-Dinitrophenol	9.81	184	52324	20.452	nq	# 88
55) Dibenzofuran	9.94	168	1219207	45.017	nq	99
56) 4-Nitrophenol	9.87	139	318777	77.082	nq	91
57) 2,4-Dinitrotoluene	9.93	165	304683	46.578	nq	96
58) Fluorene	10.28	166	925082	43.969	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	247183	41.068	nq	98
60) Diethylphthalate	10.16	149	1003201	44.851	nq	99
61) 4-Chlorophenyl-phenylether	10.27	204	456311	44.500	nq	95
62) 4-Nitroaniline	10.31	138	274384	45.942	nq	97
63) Azobenzene	10.43	77	940883	44.687	nq	97
65) 4,6-Dinitro-2-methylphenol	10.34	198	77096	22.743	nq	89
66) n-Nitrosodiphenylamine	10.39	169	868652	45.682	nq	99
67) 4-Bromophenyl-phenylether	10.76	248	301109	44.582	nq	95
68) Hexachlorobenzene	10.83	284	353130	45.044	nq	96
69) Atrazine	10.92	200	278226	46.356	nq	95
70) Pentachlorophenol	11.03	266	229934	56.294	nq	98
71) Phenanthrene	11.24	178	1365808	44.383	nq	100
72) Anthracene	11.29	178	1431189	45.786	nq	99
73) Carbazole	11.44	167	1337137	44.830	nq	99
74) Di-n-butylphthalate	11.78	149	1519559	43.933	nq	100
75) Fluoranthene	12.42	202	1400365	40.253	nq	100
77) Benzidine	12.54	184	469957	32.637	nq	96
78) Pyrene	12.64	202	1395491	53.556	nq	100
80) Butylbenzylphthalate	13.26	149	563746	49.092	nq	98
81) Benzo(a)anthracene	13.83	228	947333	44.013	nq	100
82) 3,3'-Dichlorobenzidine	13.79	252	291409	33.749	nq	99
83) Chrysene	13.87	228	1003420	45.898	nq	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	659486	46.847	nq	98
85) Di-n-octyl phthalate	14.43	149	1078767	45.145	nq	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1281601	68.306	nq	98
88) Benzo(b)fluoranthene	14.84	252	997122	39.258	nq	99
89) Benzo(k)fluoranthene	14.87	252	1005877	45.096	nq	99
90) Benzo(a)pyrene	15.19	252	1019104	45.259	nq	100
91) Dibenzo(a,h)anthracene	16.61	278	1063560	54.626	nq	100
92) Benzo(g,h,i)perylene	17.00	276	1098558	55.960	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

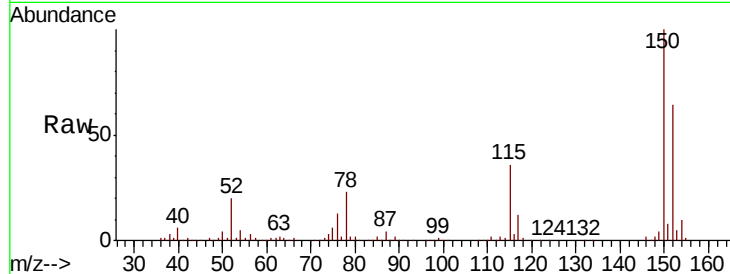
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.7	187.1
115	55.3	46.0	69.0

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM

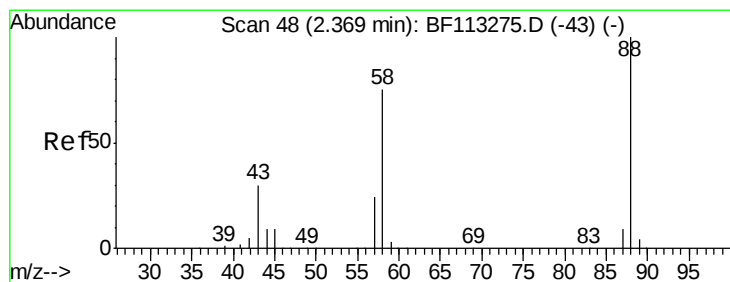
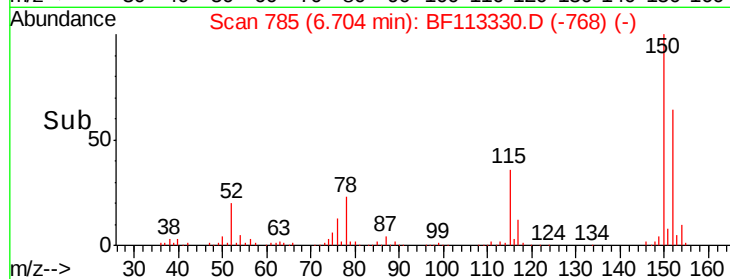
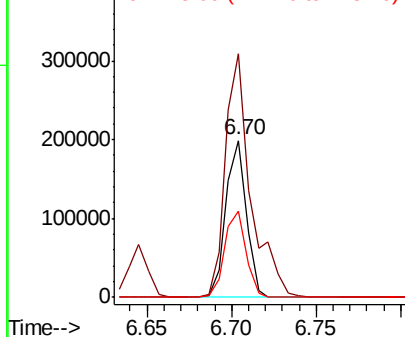


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

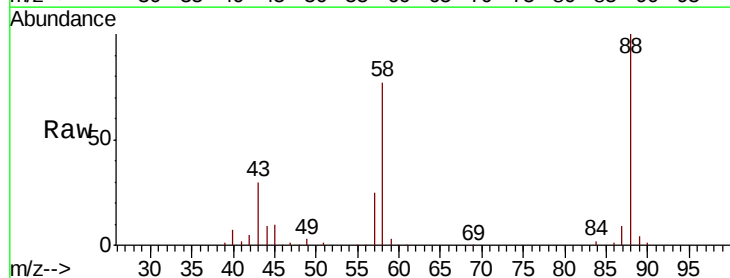
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.828 ng
RT: 2.41 min Scan# 55
Delta R.T. 0.04 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.3	61.9	92.9
43	28.8	24.2	36.4

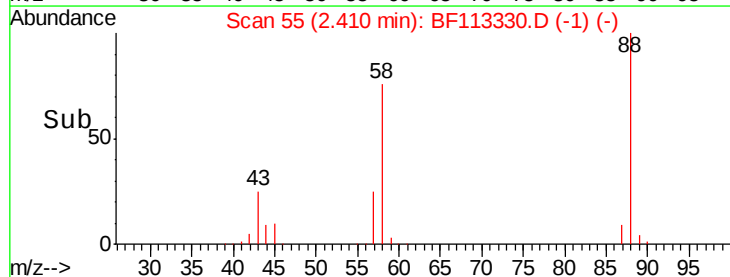
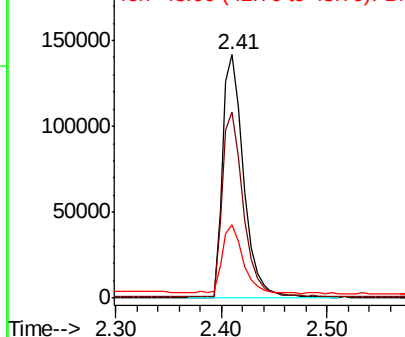


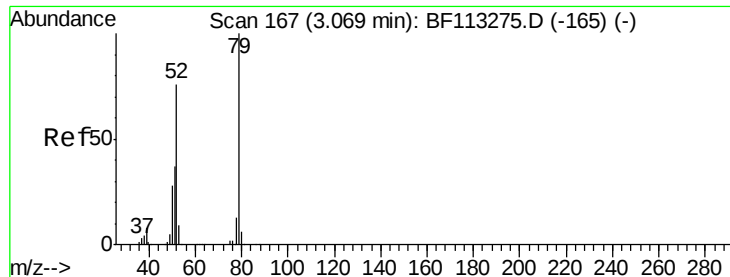
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.455 ng

RT: 3.12 min Scan# 175

Delta R.T. 0.05 min

Lab File: BF113330.D

Acq: 27 Mar 2019 14:53

Instrument :

BNA_F

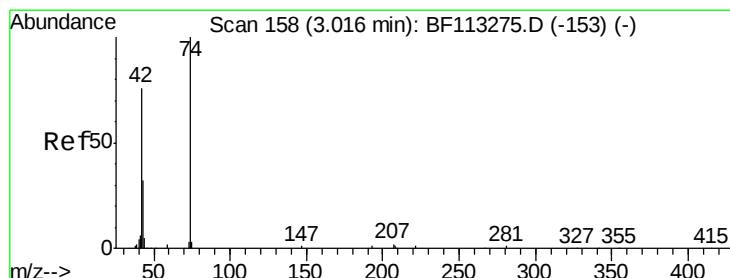
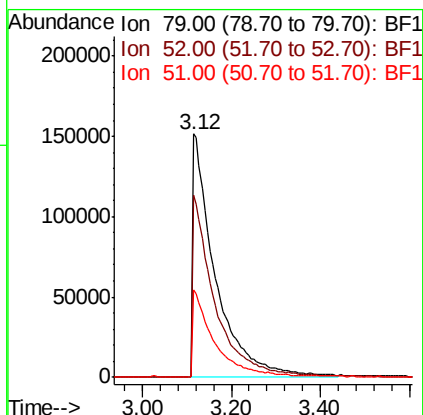
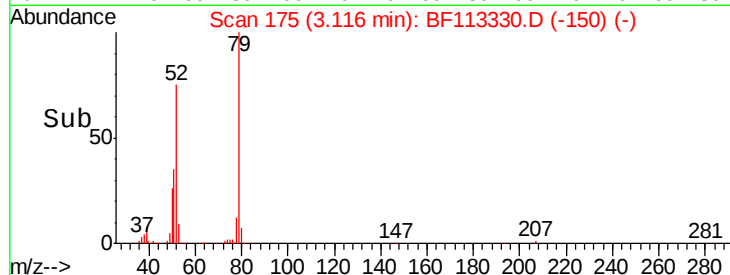
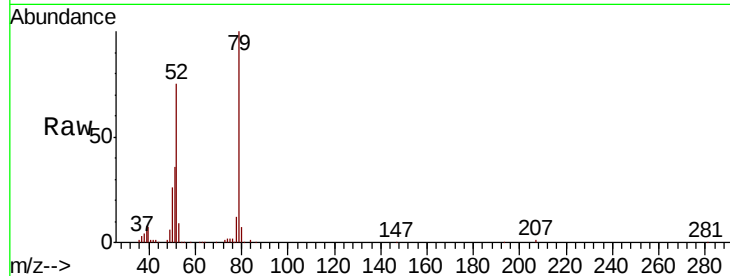
ClientSampleId :

TT-001-IDWSO-20190325MSD

Tot Ion:	79	Resp:	524620
Ion Ratio	Lower	Upper	
79	100		
52	74.7	61.0	91.4
51	35.7	30.6	45.8

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM



#4

n-Nitrosodimethylamine

Concen: 40.918 ng

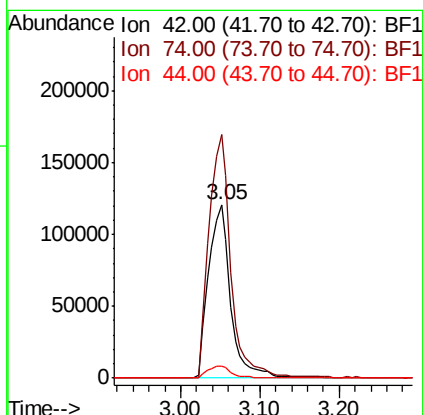
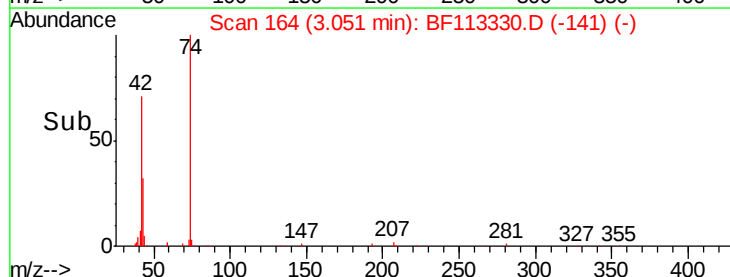
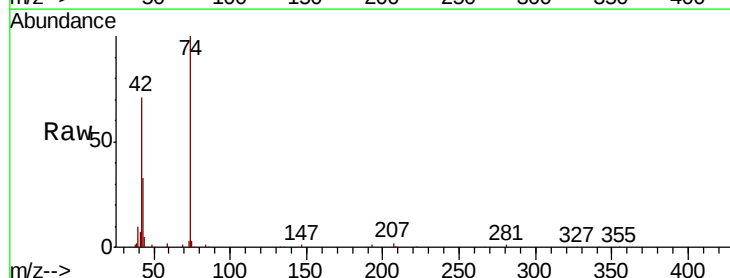
RT: 3.05 min Scan# 164

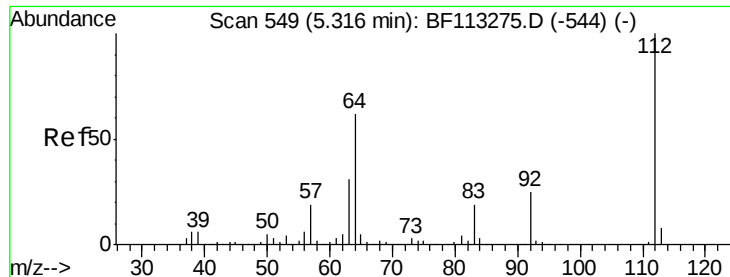
Delta R.T. 0.04 min

Lab File: BF113330.D

Acq: 27 Mar 2019 14:53

Tgt Ion:	42	Resp:	235889
Ion Ratio	Lower	Upper	
42	100		
74	140.1	102.4	153.6
44	6.7	5.5	8.3





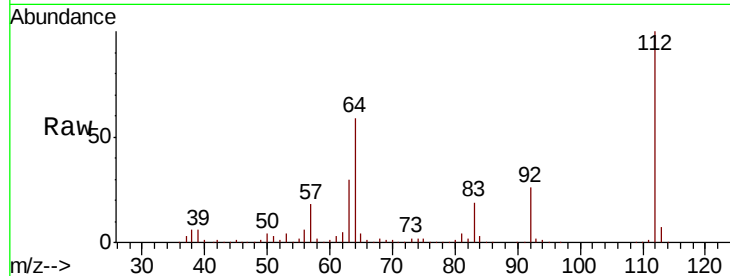
#5
2-Fluorophenol
Concen: 121.433 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

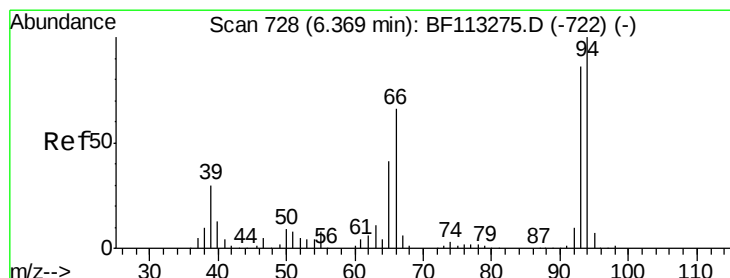
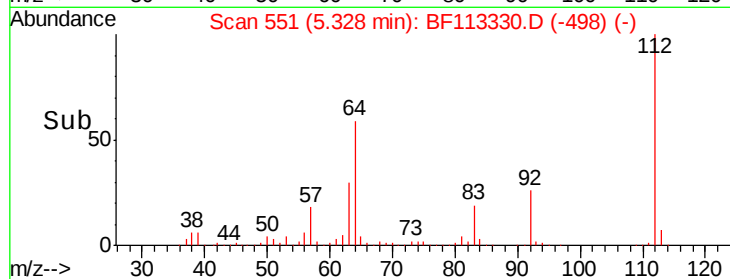
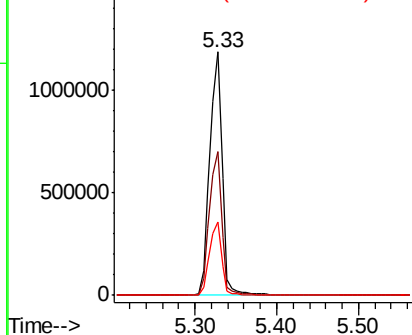
Tot Ion	Ratio	Lower	Upper
112	100		
64	59.1	49.2	73.8
63	30.0	24.9	37.3

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM

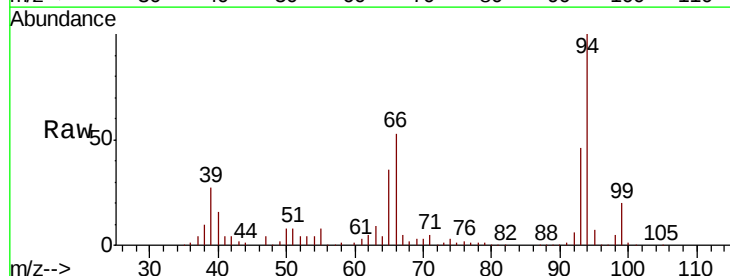


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

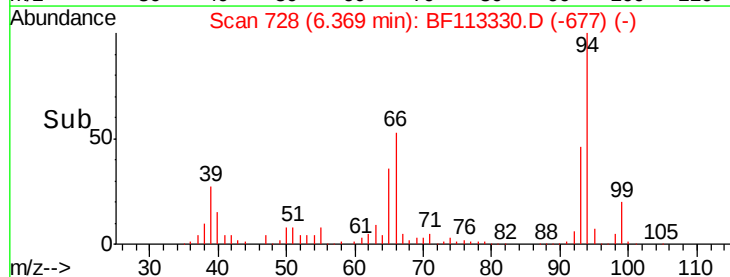
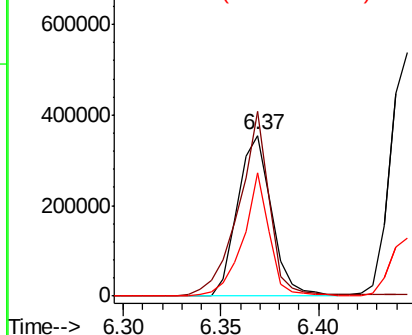


#6
Aniline
Concen: 27.091 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
93	100		
66	115.0	62.1	93.1#
65	76.5	38.7	58.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 123.310 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113330.D

Acq: 27 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

TT-001-IDWSO-20190325MSD

Tot Ion: 99 Resp: 1617326

Ion Ratio Lower Upper

99 100

42 18.6 14.8 22.2

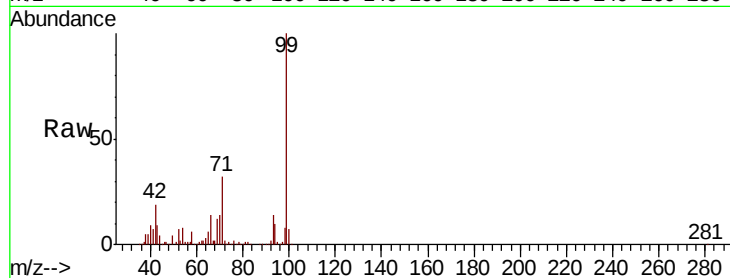
71 32.1 24.9 37.3

Manual Integrations

APPROVED

Sohil

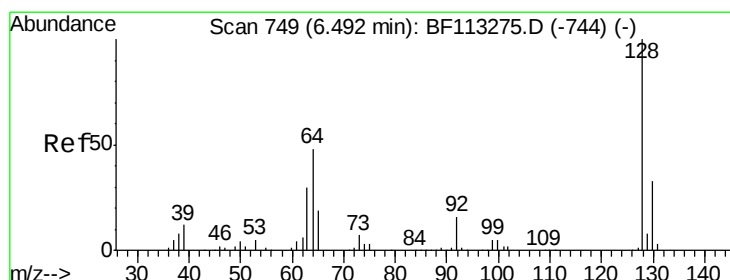
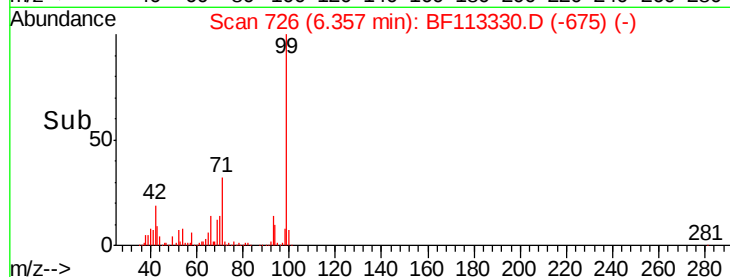
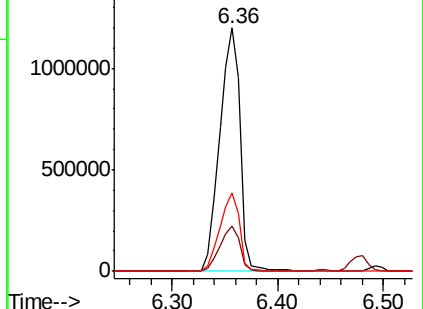
3/28/2019 8:41:48 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.424 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF113330.D

Acq: 27 Mar 2019 14:53

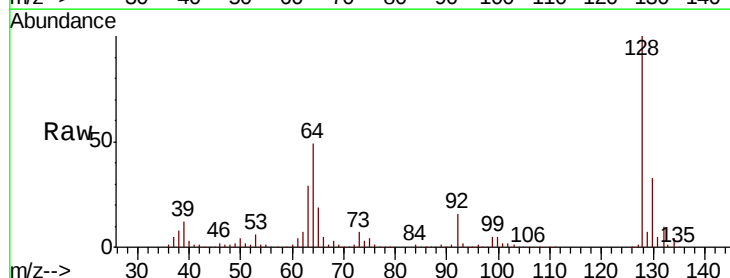
Tgt Ion: 128 Resp: 486691

Ion Ratio Lower Upper

128 100

130 33.3 12.6 52.6

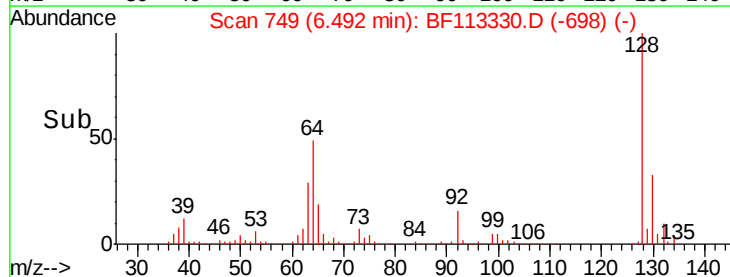
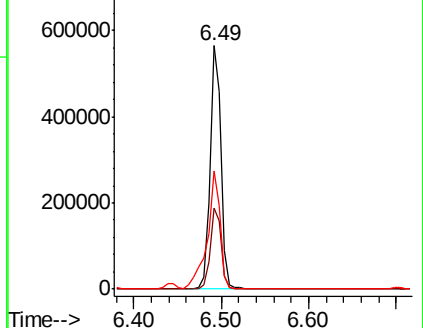
64 48.8 29.4 69.4

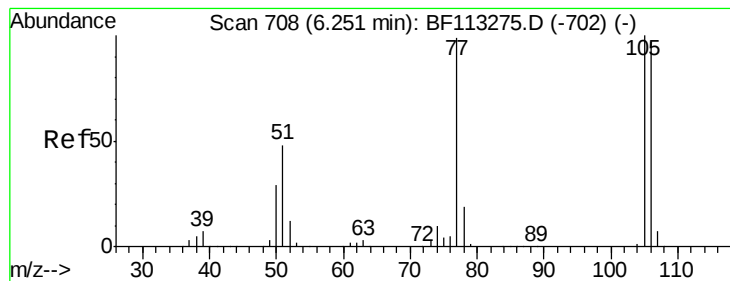


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 13.003 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF113330.D

Acq: 27 Mar 2019 14:53

Instrument :

BNA_F

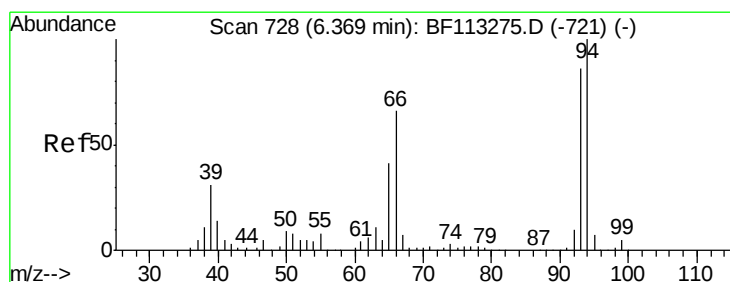
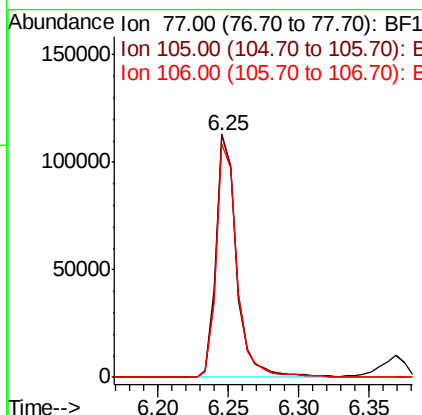
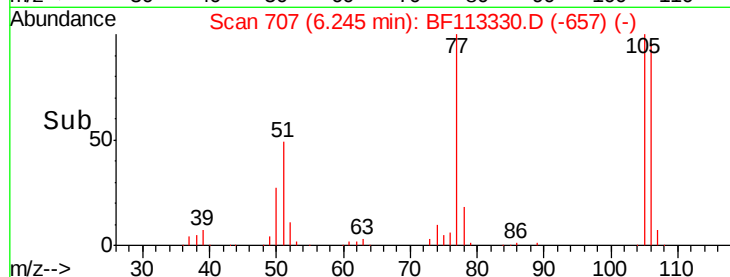
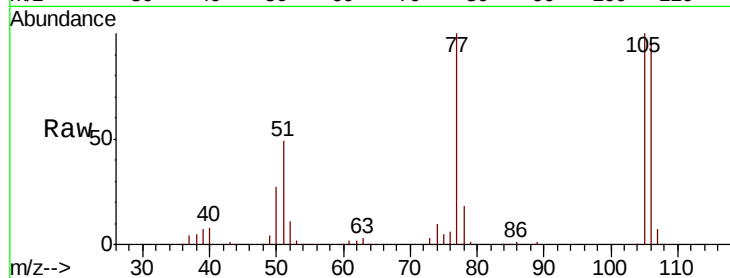
ClientSampleId :

TT-001-IDWSO-20190325MSD

Tot Ion:	77	Resp:	114440
Ion	Ratio	Lower	Upper
77	100		
105	100.5	80.9	120.9
106	96.2	77.8	117.8

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM



#10

Phenol

Concen: 42.782 ng

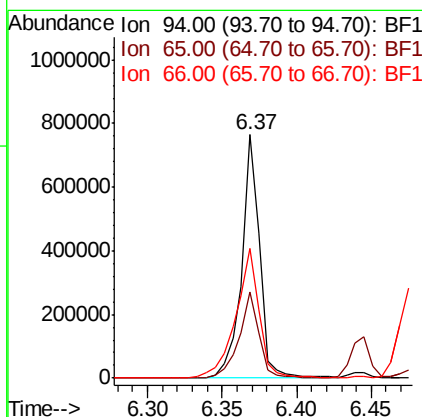
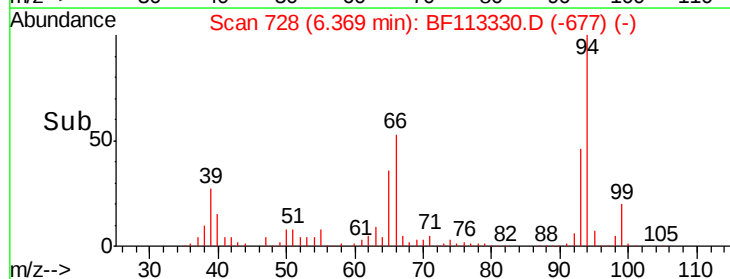
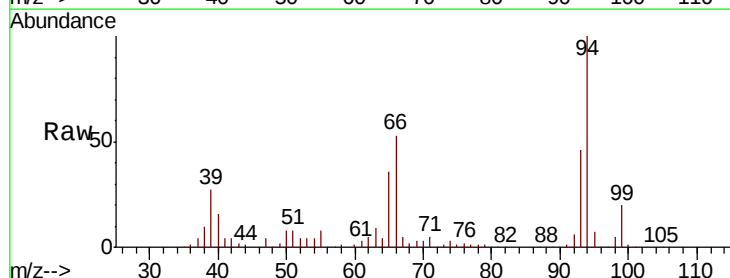
RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF113330.D

Acq: 27 Mar 2019 14:53

Tgt Ion:	94	Resp:	640607
Ion	Ratio	Lower	Upper
94	100		
65	35.6	21.4	61.4
66	53.5	46.4	86.4





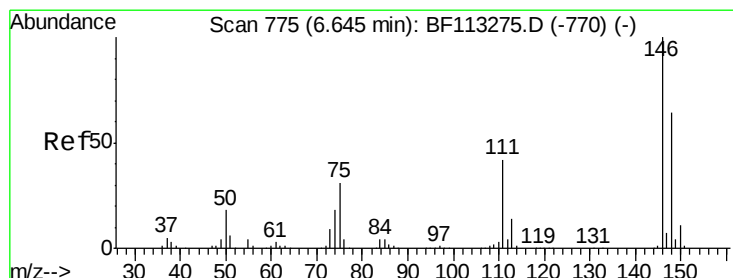
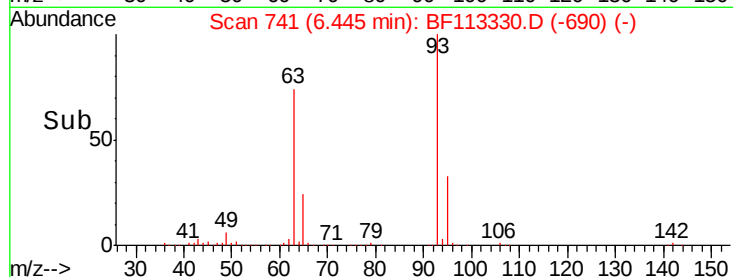
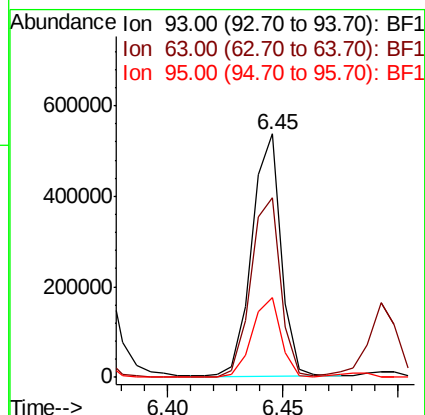
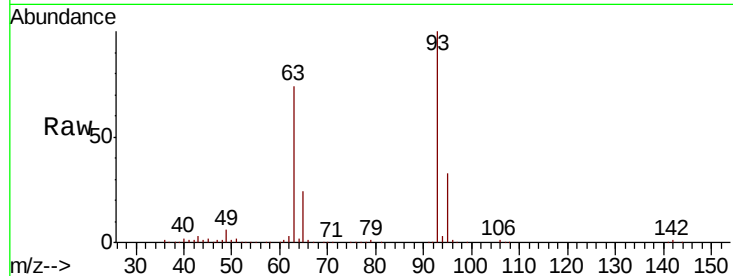
#11
bis(2-Chloroethyl)ether
Concen: 40.984 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		470404		
63	73.9	56.1		96.1	
95	32.6	12.8		52.8	

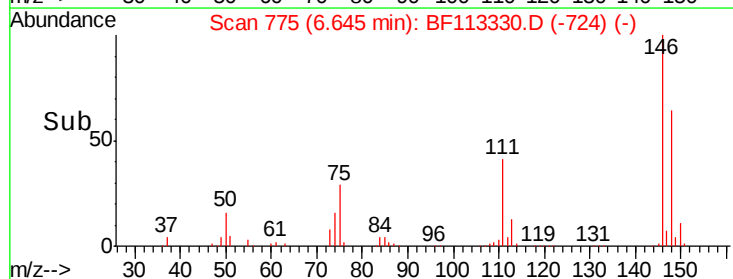
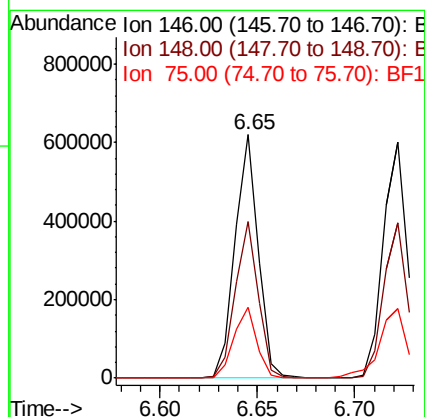
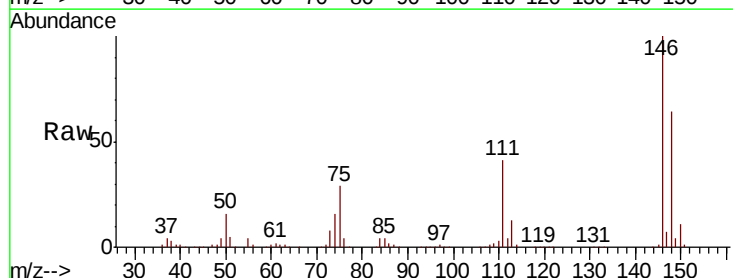
Manual Integrations
APPROVED

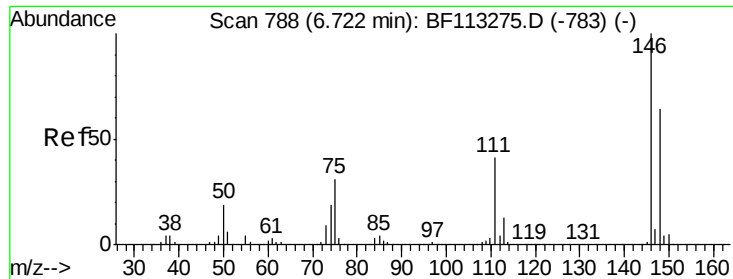
Sohil
3/28/2019 8:41:48 AM



#12
1,3-Dichlorobenzene
Concen: 39.410 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		511469		
148	64.2	51.4		77.0	
75	29.2	24.8		37.2	





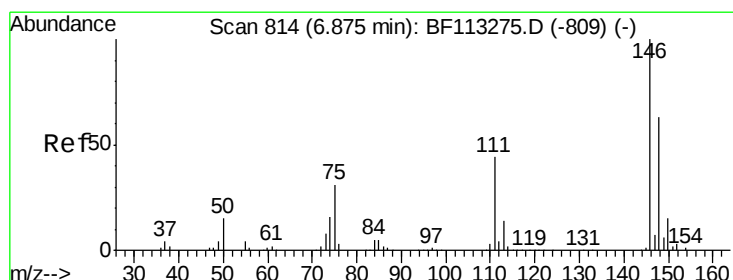
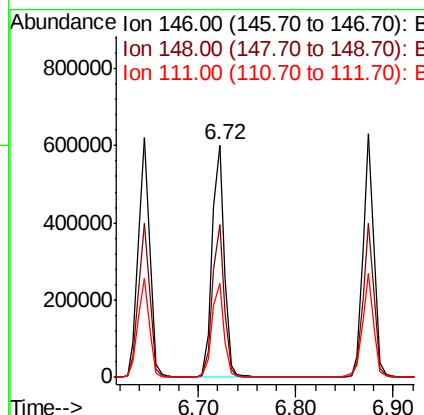
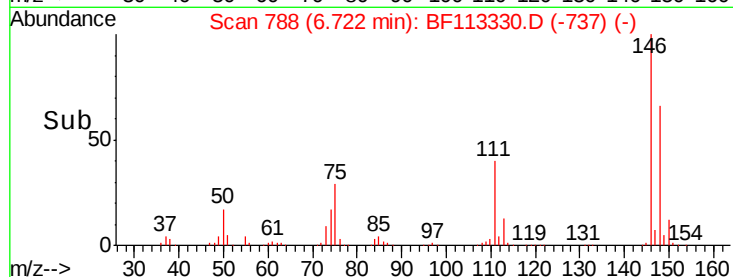
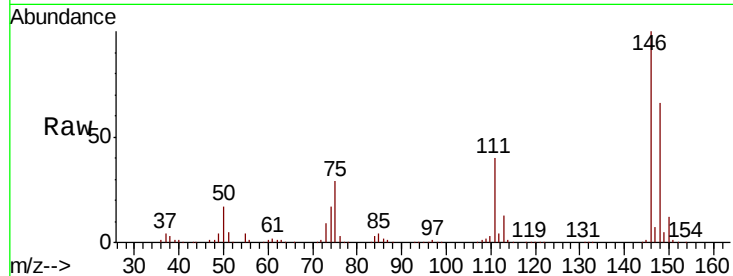
#13
 1,4-Dichlorobenzene
 Concen: 41.559 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF113330.D
 Acq: 27 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.1	76.7
111	40.5	32.8	49.2

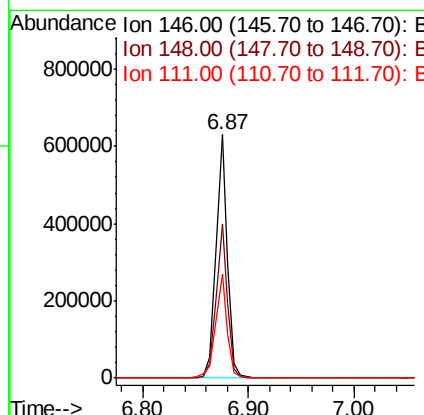
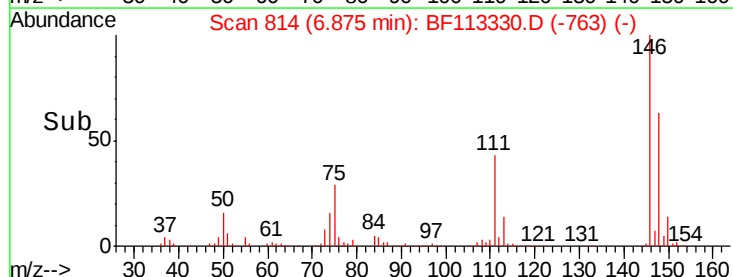
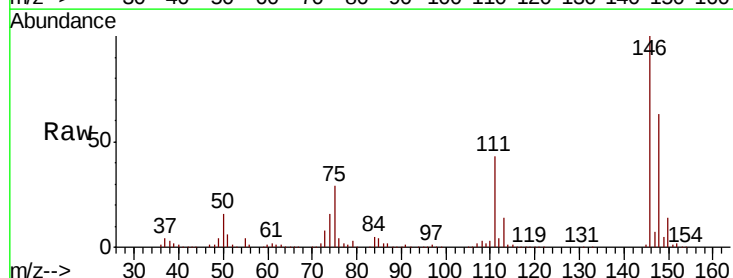
Manual Integrations
 APPROVED

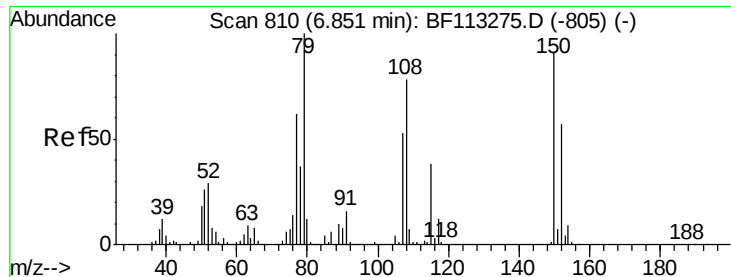
Sohil
 3/28/2019 8:41:48 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.493 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF113330.D
 Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.2	75.4
111	42.6	35.4	53.2





#15

Benzyl Alcohol

Concen: 44.674 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF113330.D

Acq: 27 Mar 2019 14:53

Instrument :

BNA_F

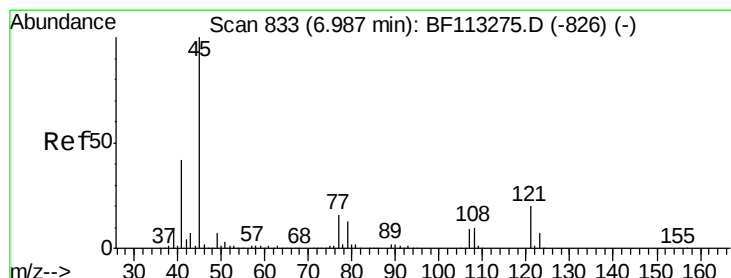
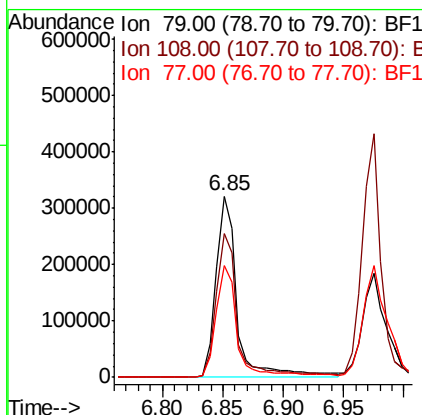
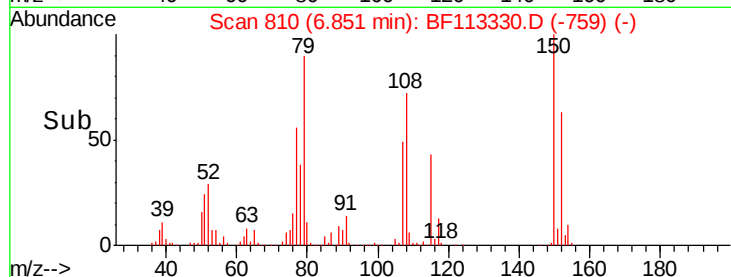
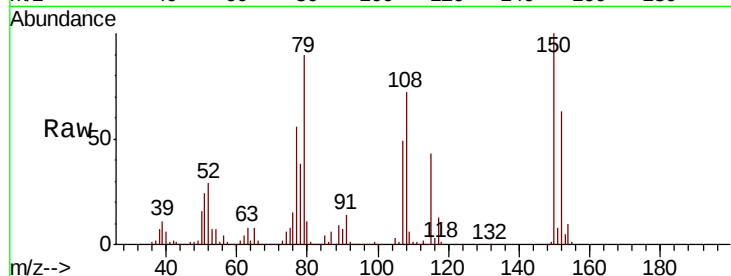
ClientSampleId :

TT-001-IDWSO-20190325MSD

Tot Ion:	79	Resp:	386555
Ion Ratio	Lower	Upper	
79	100		
108	79.1	62.0	93.0
77	61.9	49.9	74.9

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.067 ng

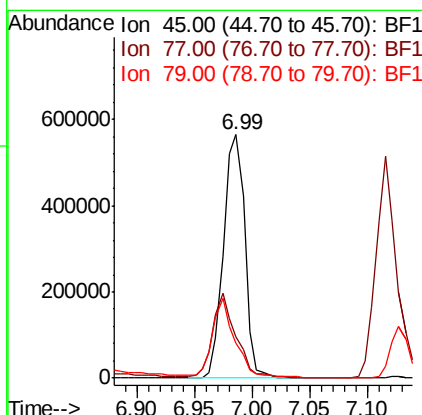
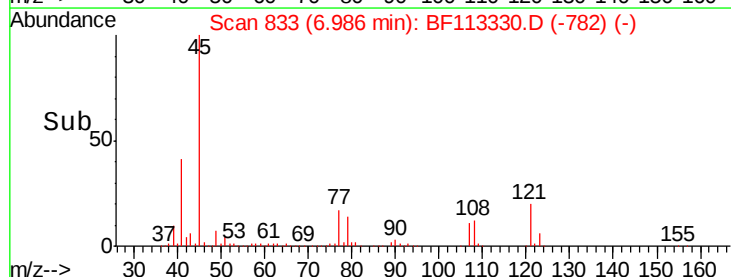
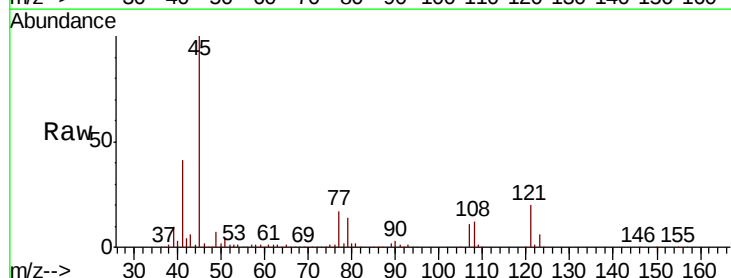
RT: 6.99 min Scan# 833

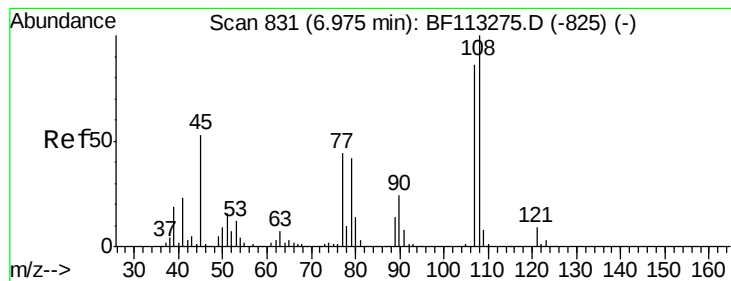
Delta R.T. -0.00 min

Lab File: BF113330.D

Acq: 27 Mar 2019 14:53

Tgt Ion:	45	Resp:	725350
Ion Ratio	Lower	Upper	
45	100		
77	17.1	0.0	36.6
79	14.2	0.0	34.0





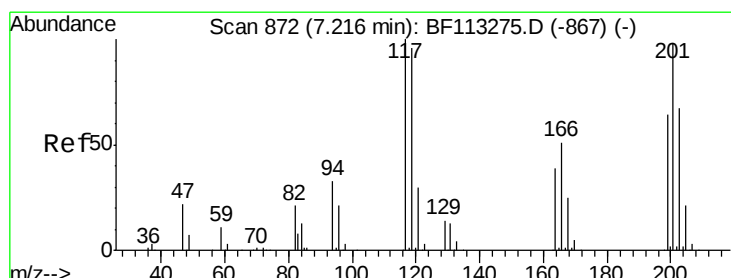
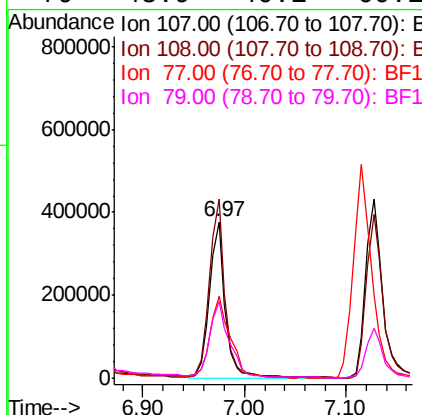
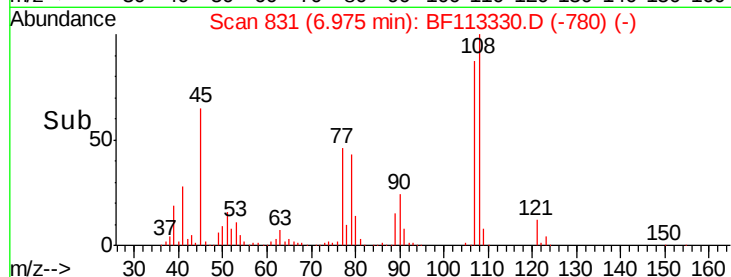
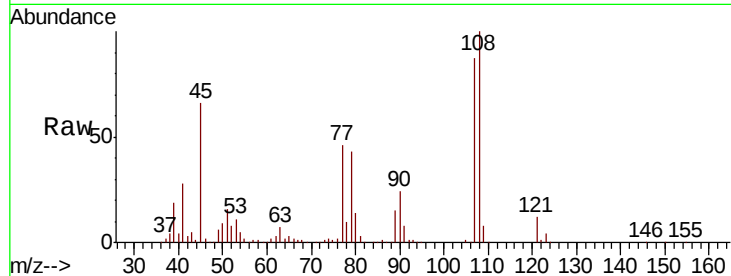
#17
2-Methylphenol
Concen: 43.693 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.3	93.4	140.0	
77	52.4	41.2	61.8	
79	48.9	40.1	60.1	

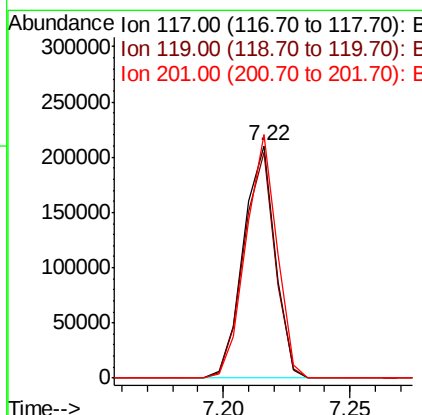
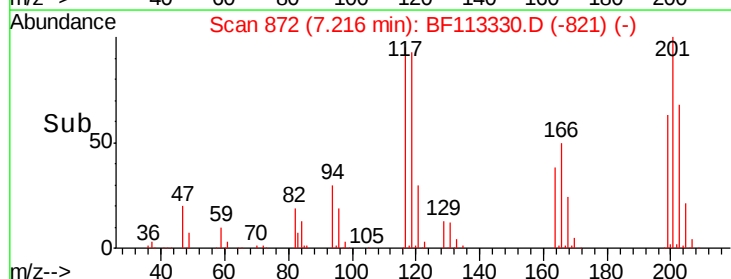
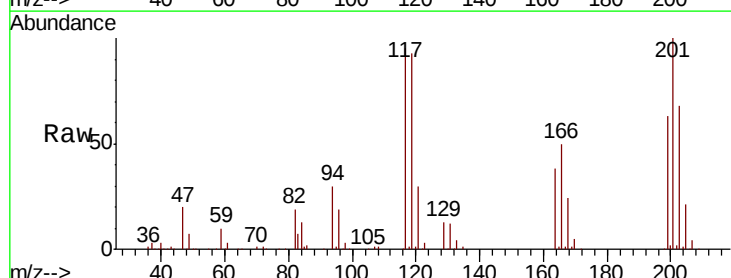
Manual Integrations
APPROVED

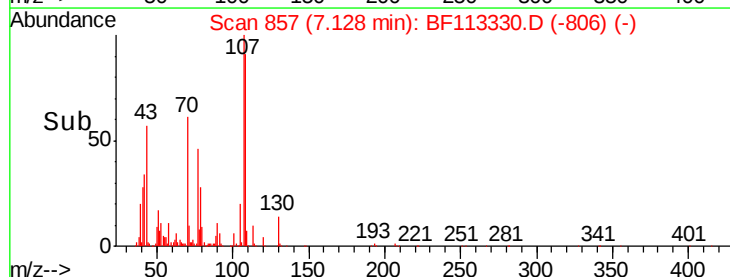
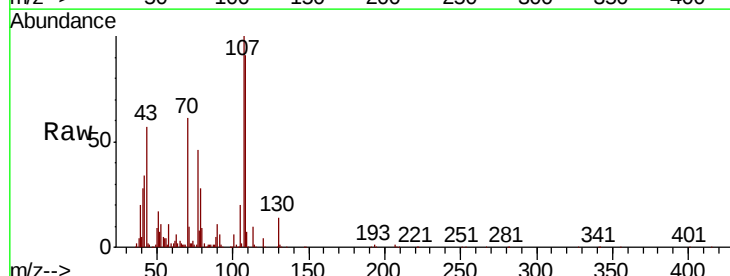
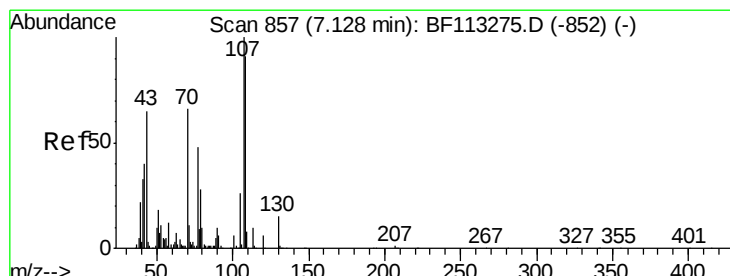
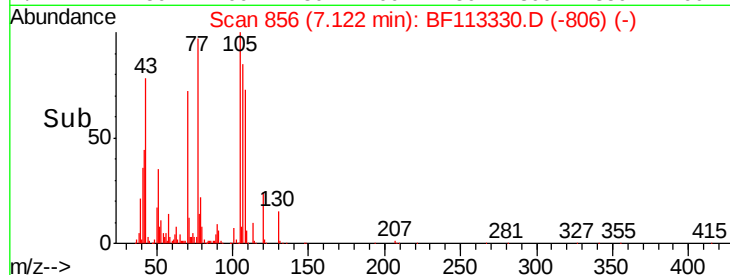
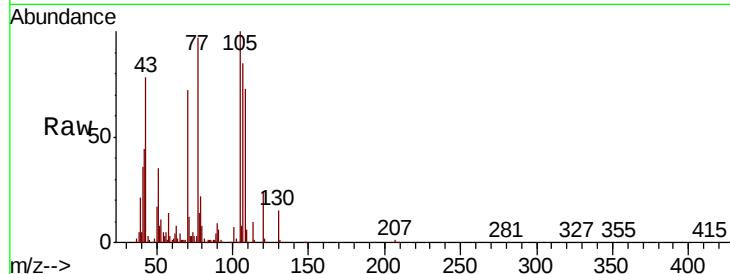
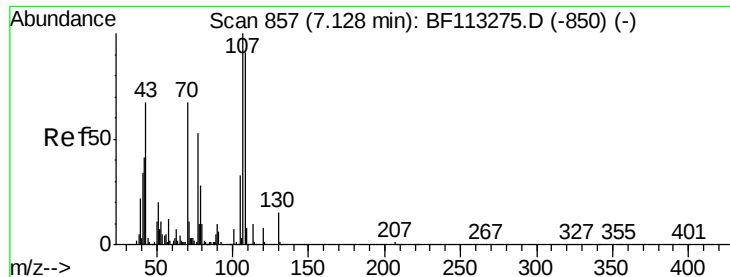
Sohil
3/28/2019 8:41:48 AM



#18
Hexachloroethane
Concen: 40.772 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	76.9	115.3	
201	104.7	78.7	118.1	





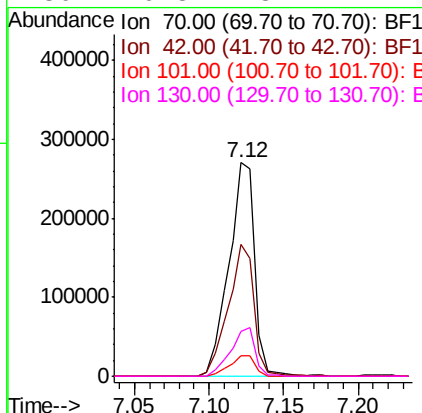
#19
n-Nitroso-di-n-propylamine
Concen: 39.838 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.0	48.4	72.6
101	9.7	7.8	11.8
130	20.8	18.2	27.4

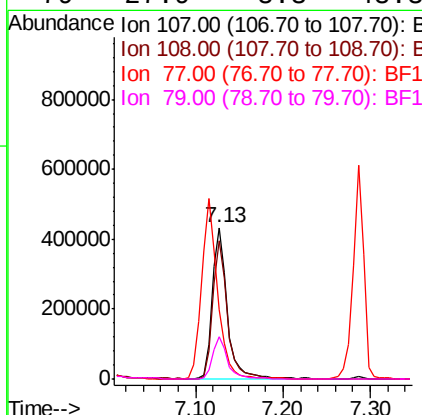
Manual Integrations
APPROVED

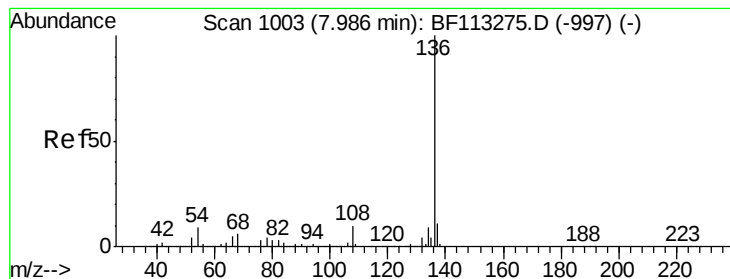
Sohil
3/28/2019 8:41:48 AM



#20
3+4-Methylphenols
Concen: 46.958 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.4	111.4
77	46.1	33.5	73.5
79	27.9	8.3	48.3





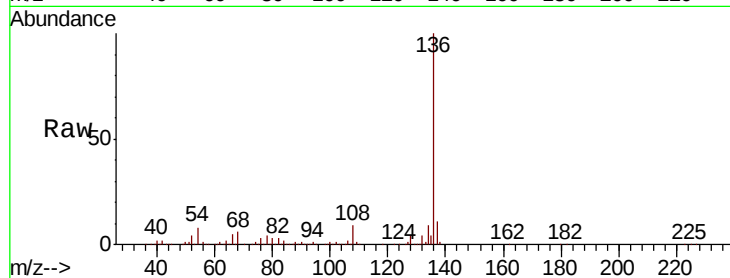
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		636631		
137	11.0	8.9	13.3		
54	7.9	7.0	10.6		
68	6.4	4.8	7.2		

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM



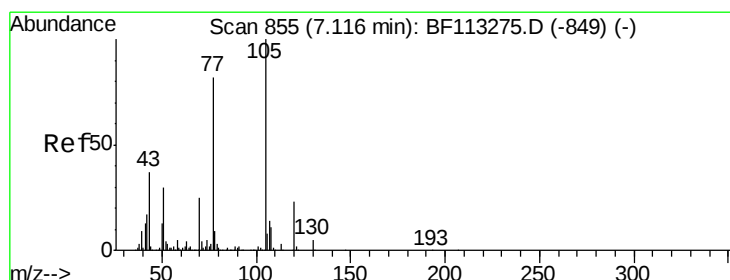
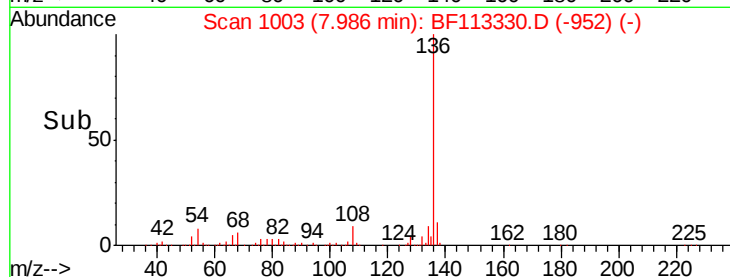
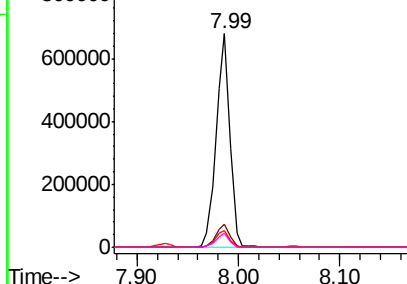
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 45.524 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		660942		
71	4.4	3.3	4.9		
51	28.5	24.2	36.2		
120	23.1	18.1	27.1		

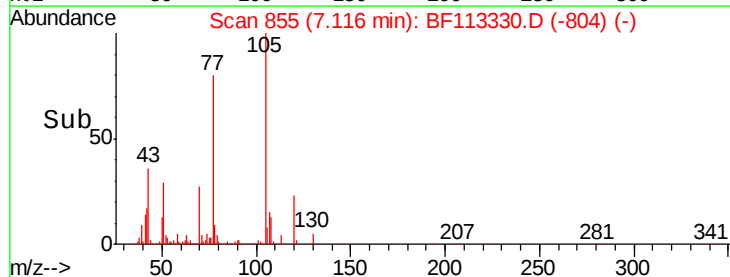
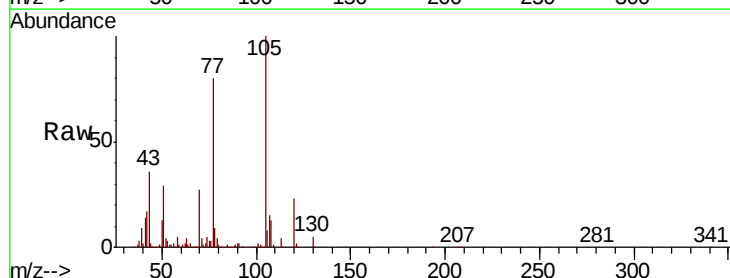
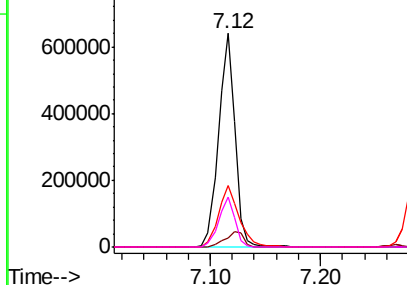
Abundance

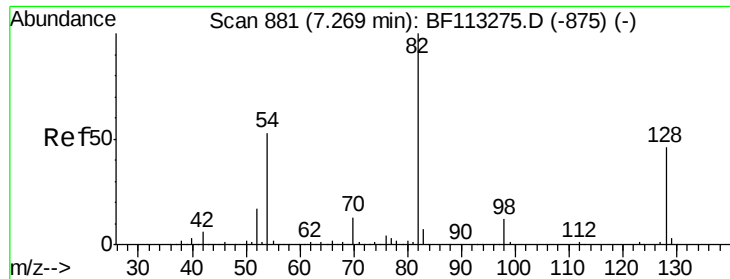
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





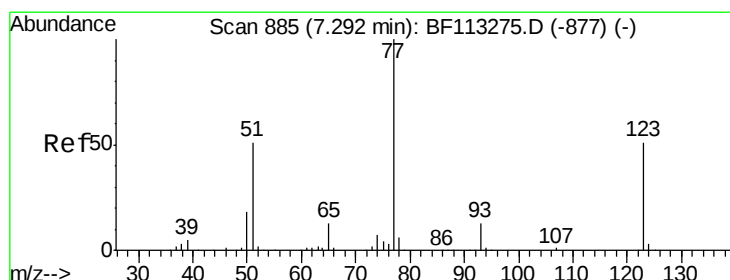
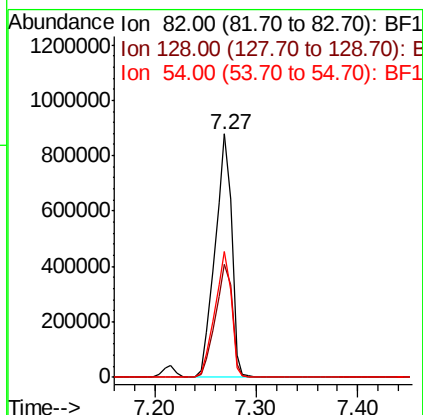
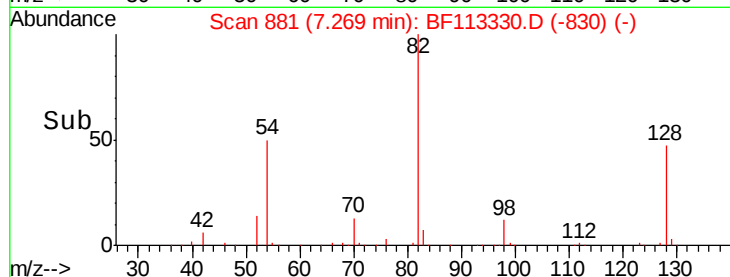
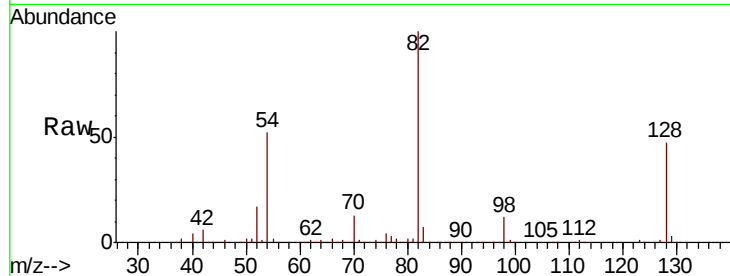
#23
 Nitrobenzene-d5
 Concen: 93.476 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113330.D
 Acq: 27 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 TT-001-IDWSO-20190325MSD

Tot Ion: 82 Resp: 1002622
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.5 54.7
 54 51.8 42.2 63.2

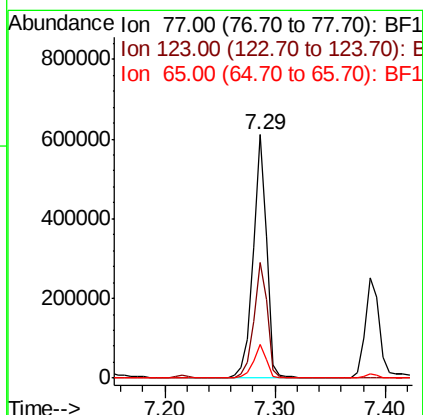
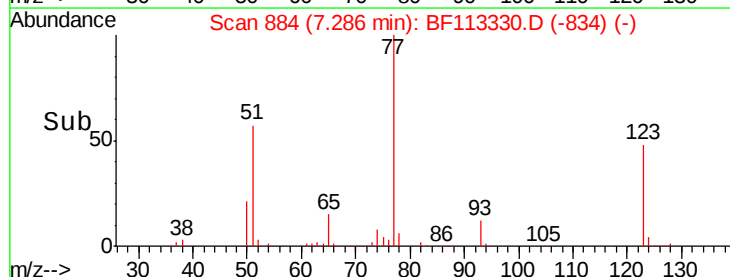
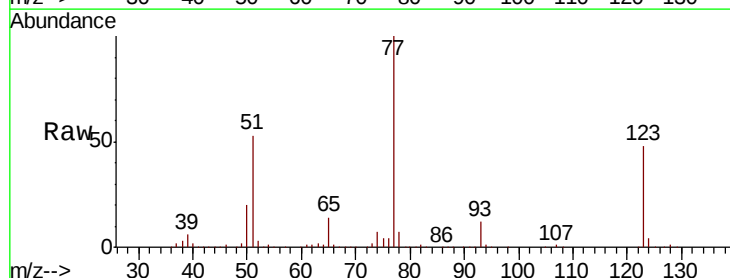
Manual Integrations
 APPROVED

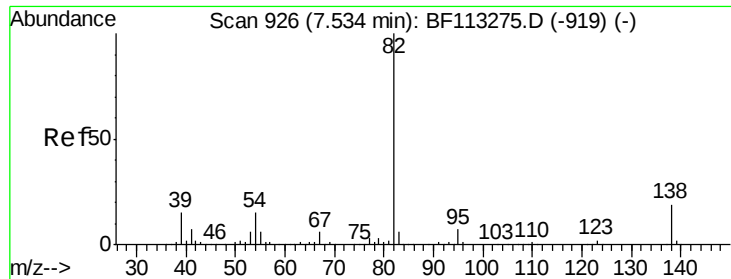
Sohil
 3/28/2019 8:41:48 AM



#24
 Nitrobenzene
 Concen: 46.344 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113330.D
 Acq: 27 Mar 2019 14:53

Tgt Ion: 77 Resp: 518715
 Ion Ratio Lower Upper
 77 100
 123 47.6 40.8 61.2
 65 13.6 10.6 16.0





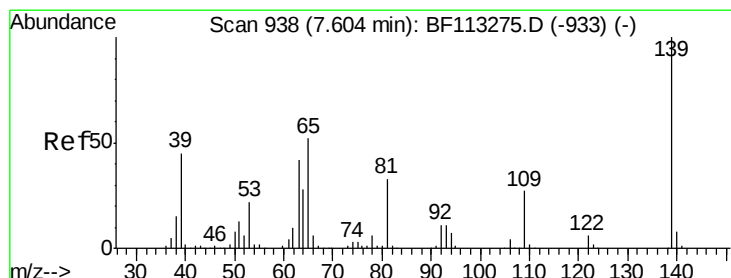
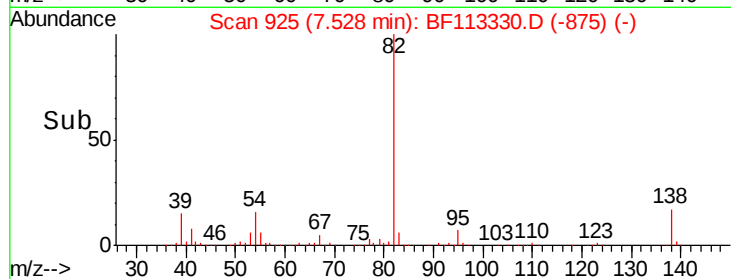
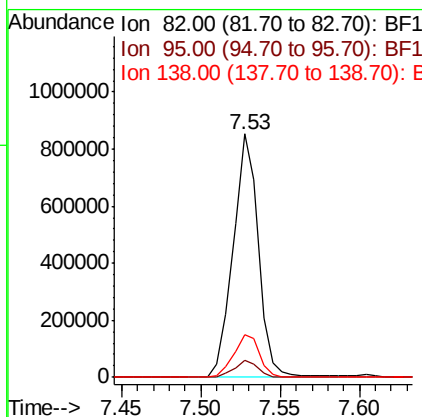
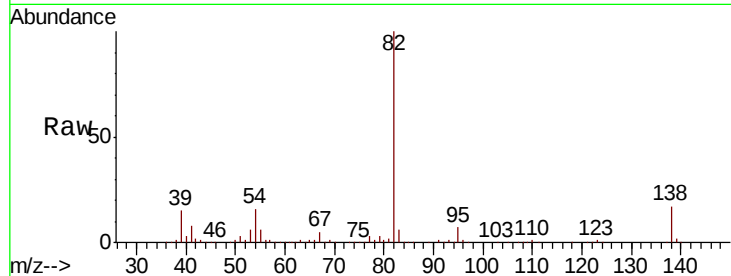
#25
Isophorone
Concen: 45.383 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	943355		
95	6.8		5.5	8.3
138	17.5		15.2	22.8

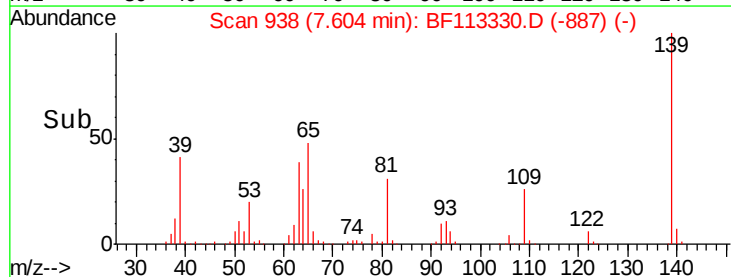
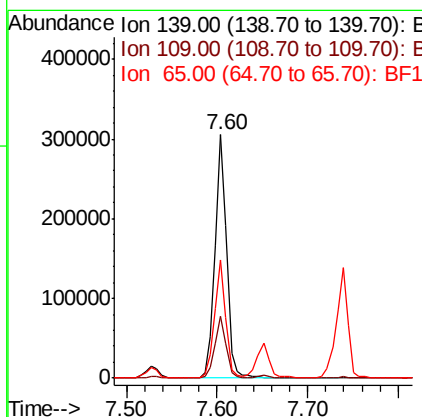
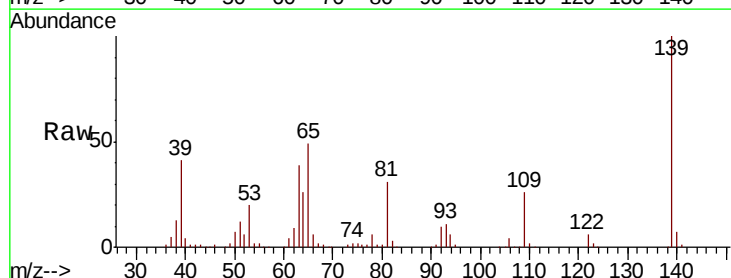
Manual Integrations
APPROVED

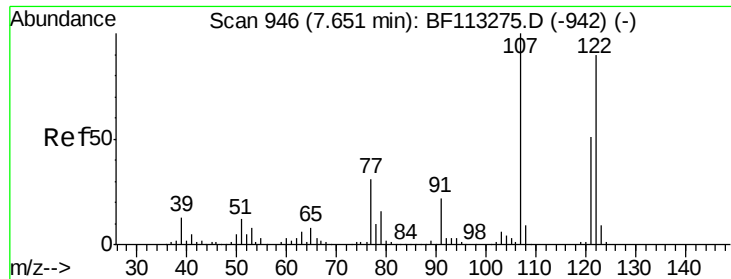
Sohil
3/28/2019 8:41:48 AM



#26
2-Nitrophenol
Concen: 46.578 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	275567		
109	25.5		21.7	32.5
65	48.5		41.6	62.4





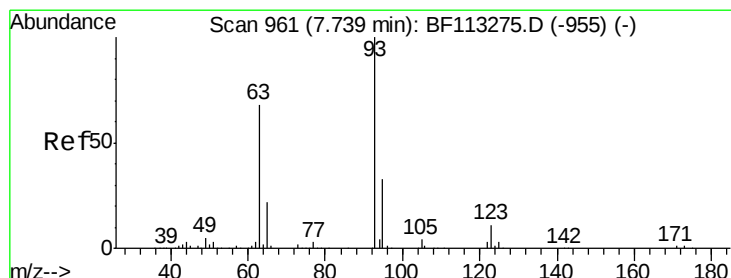
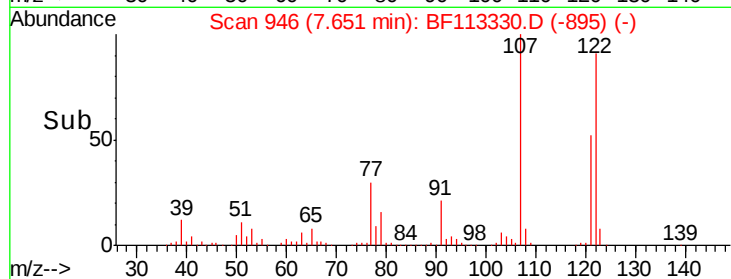
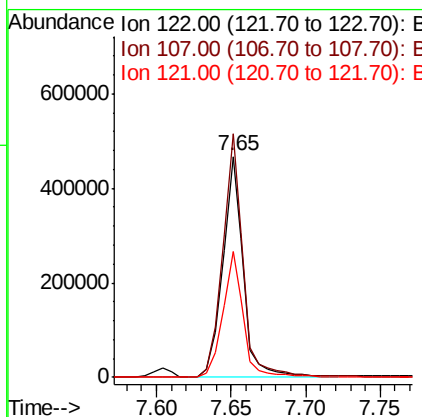
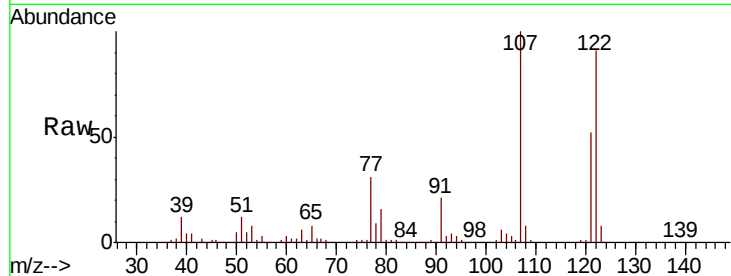
#27
 2,4-Dimethylphenol
 Concen: 53.239 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF113330.D
 Acq: 27 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	453090		
107	110.4	88.8	133.2	
121	57.0	45.5	68.3	

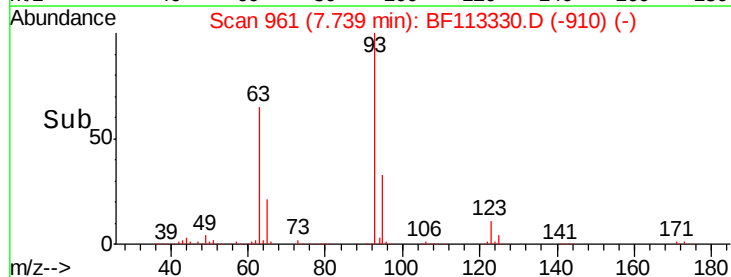
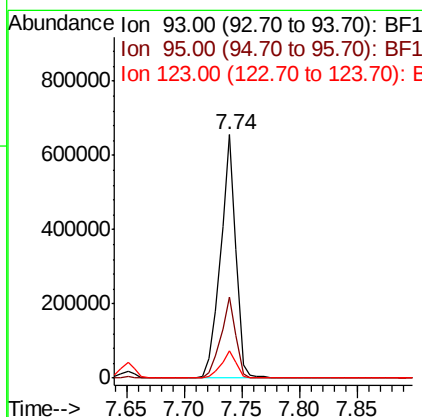
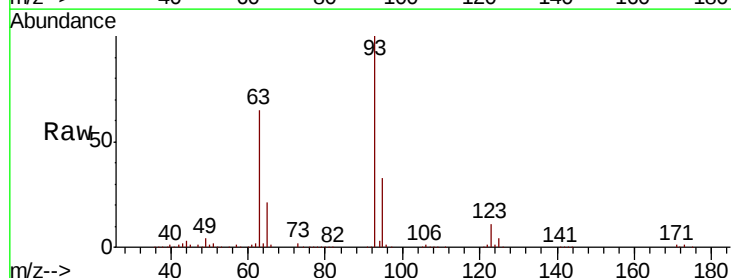
Manual Integrations
 APPROVED

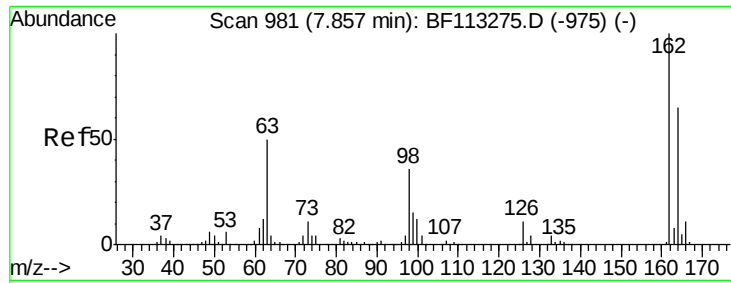
Sohil
 3/28/2019 8:41:48 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.983 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF113330.D
 Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	601914		
95	33.1	26.0	39.0	
123	11.1	9.1	13.7	





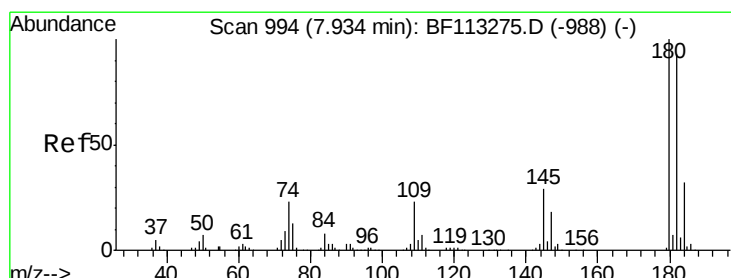
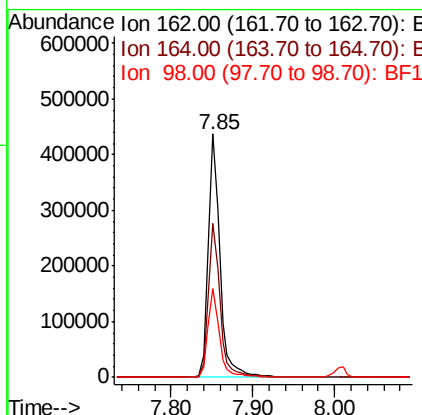
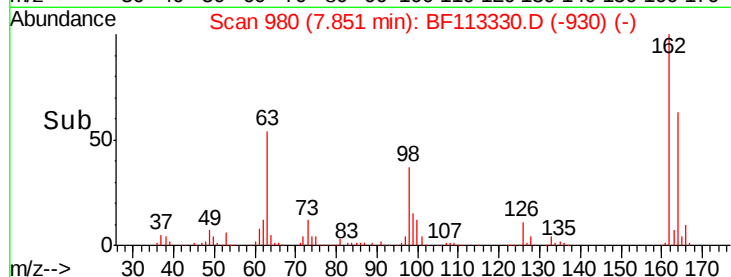
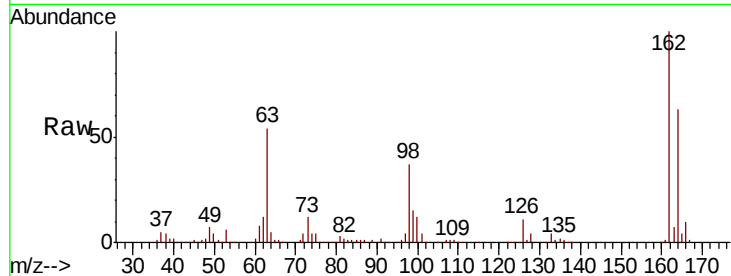
#29
2,4-Dichlorophenol
Concen: 46.891 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	432453		
164	63.3	44.6	84.6	
98	36.5	15.6	55.6	

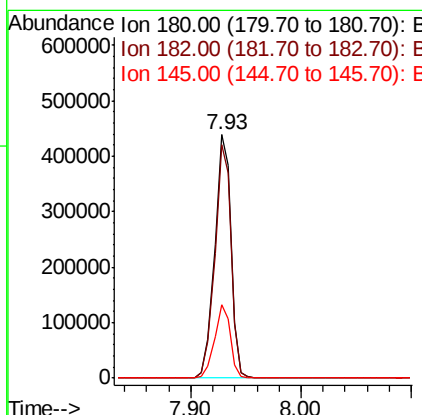
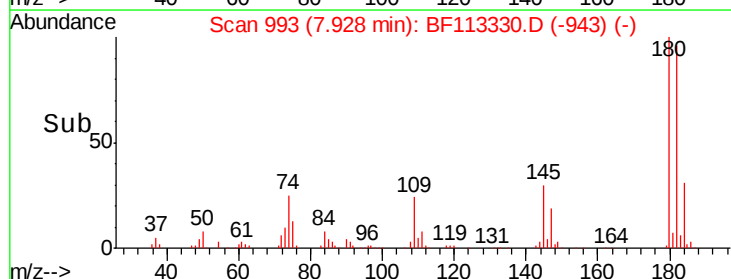
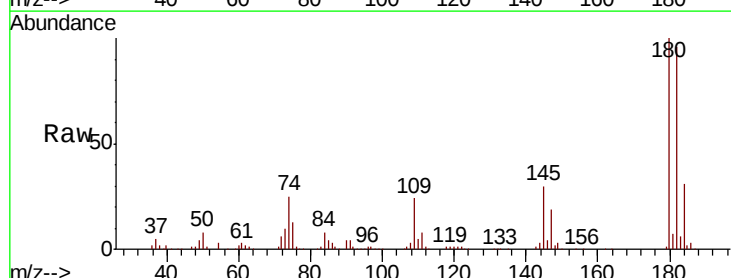
Manual Integrations
APPROVED

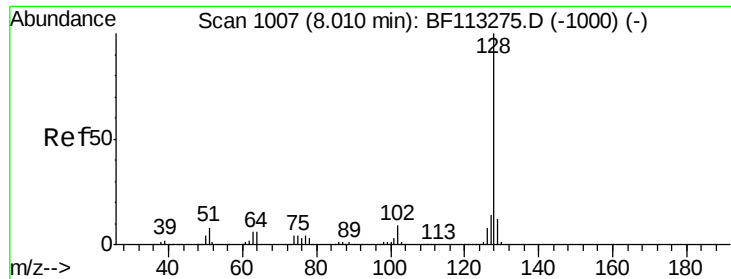
Sohil
3/28/2019 8:41:48 AM



#30
1,2,4-Trichlorobenzene
Concen: 45.018 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	447941		
182	95.9	74.6	111.8	
145	30.1	23.4	35.0	





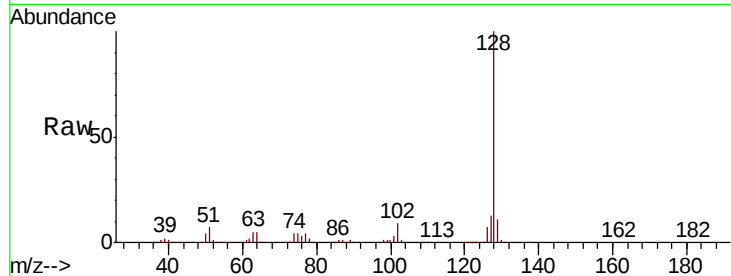
#31
Naphthalene
Concen: 44.987 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.5	10.9	16.3

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM

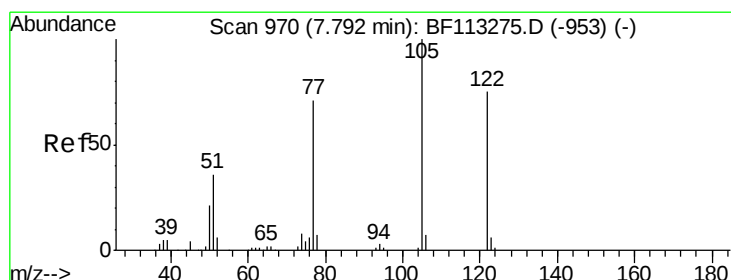
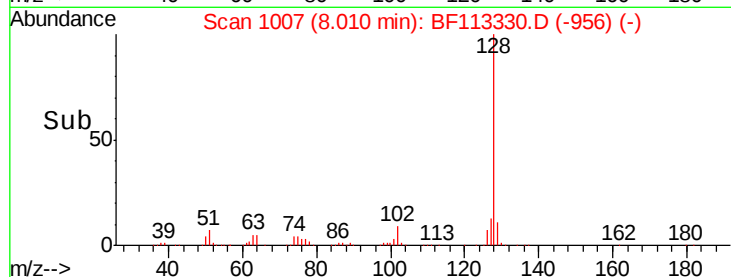
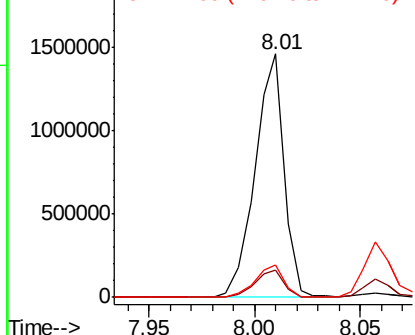


Abundance

Ion 128.00 (127.70 to 128.70): E

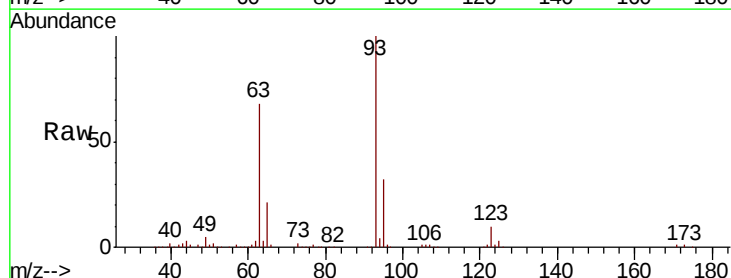
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 2.671 ng m
RT: 7.73 min Scan# 960
Delta R.T. -0.06 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	60.7	100.4	140.4#
77	70.4	69.0	109.0

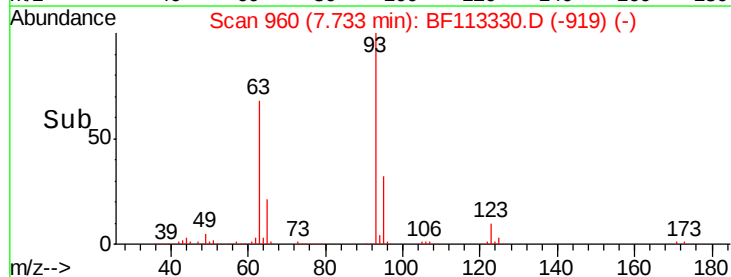
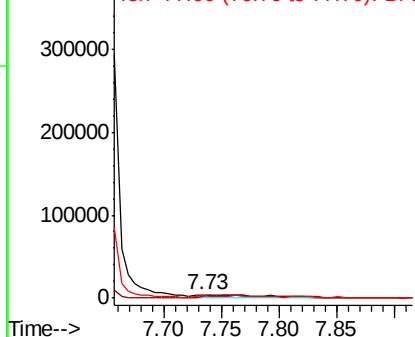


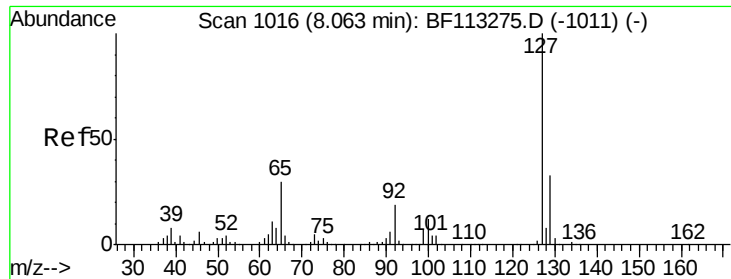
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





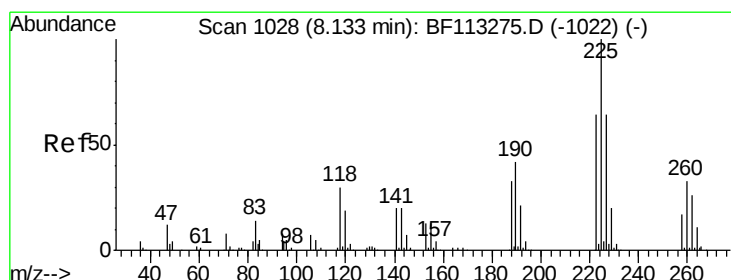
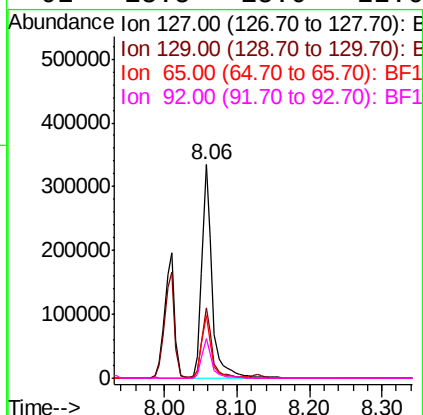
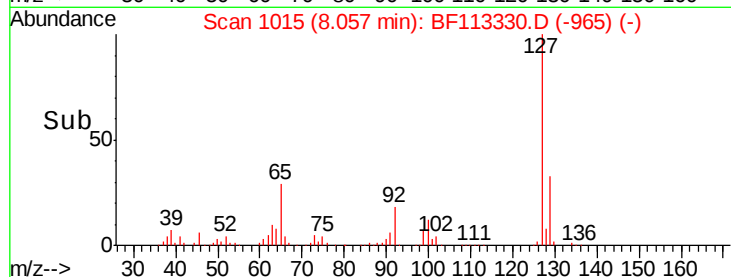
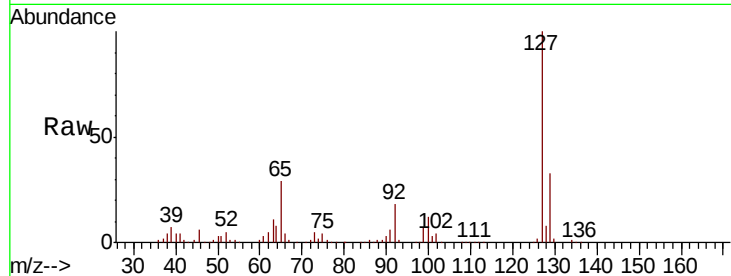
#33
4-Chloroaniline
Concen: 27.340 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.3	39.5		
65	29.3	24.2	36.4		
92	18.5	15.0	22.6		

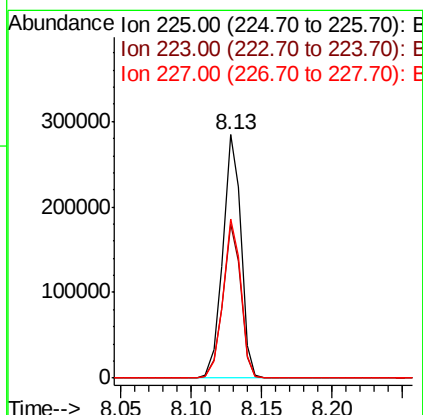
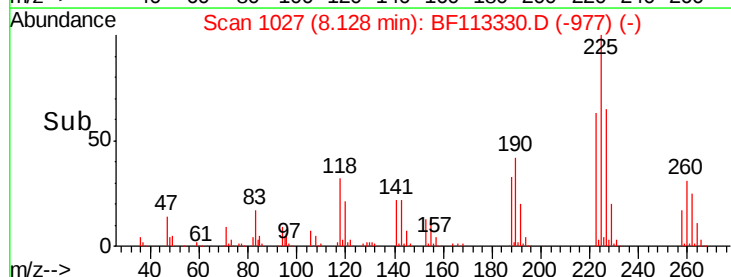
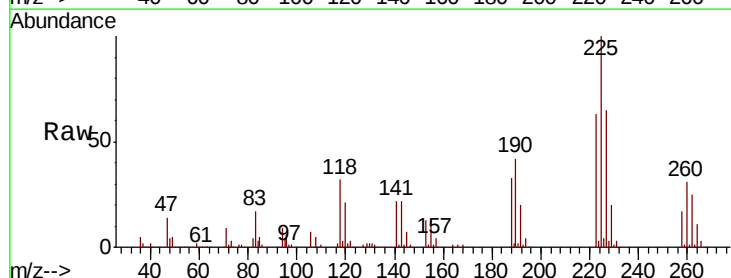
Manual Integrations
APPROVED

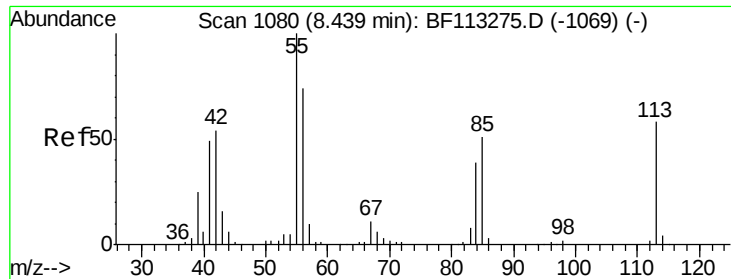
Sohil
3/28/2019 8:41:48 AM



#34
Hexachlorobutadiene
Concen: 43.089 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	51.4	77.2		
227	65.3	51.1	76.7		





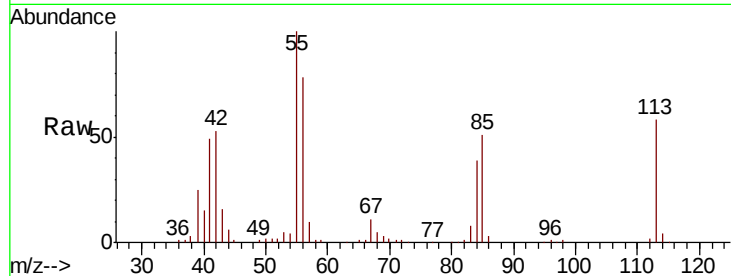
#35
Caprolactam
Concen: 45.459 ng/ml
RT: 8.43 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.6	152.7	192.7
56	136.0	108.3	148.3

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM

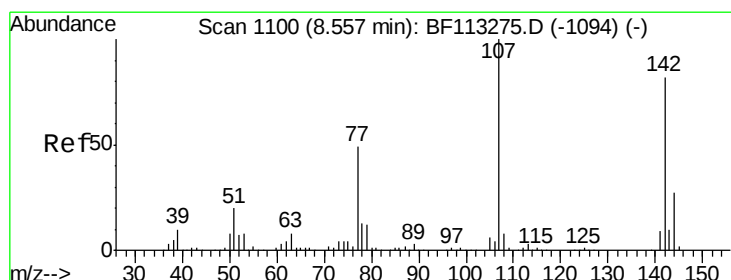
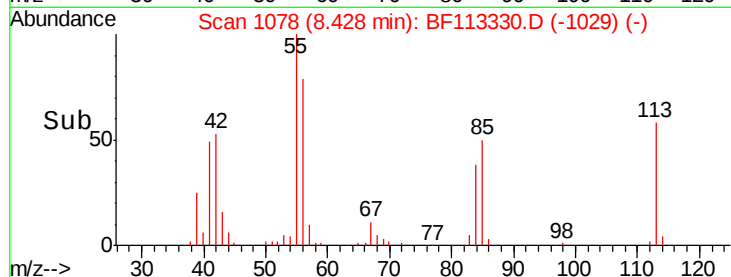
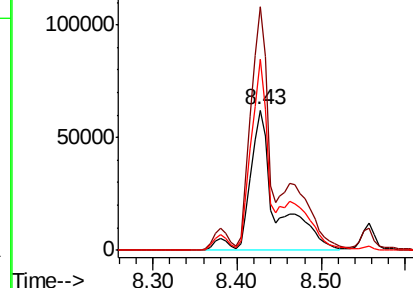


Abundance

Ion 113.00 (112.70 to 113.70): E

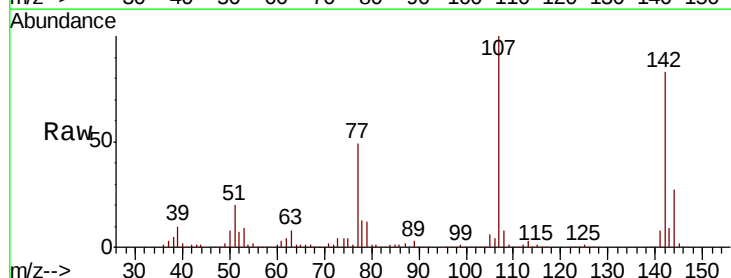
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 47.723 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.4	32.0
142	82.6	65.6	98.4

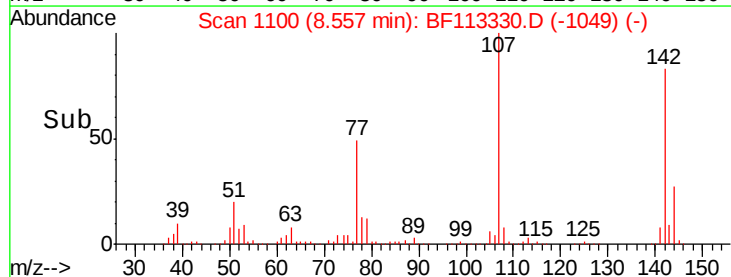
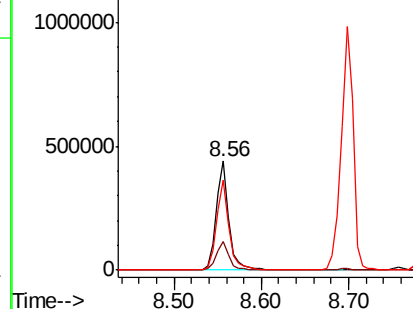


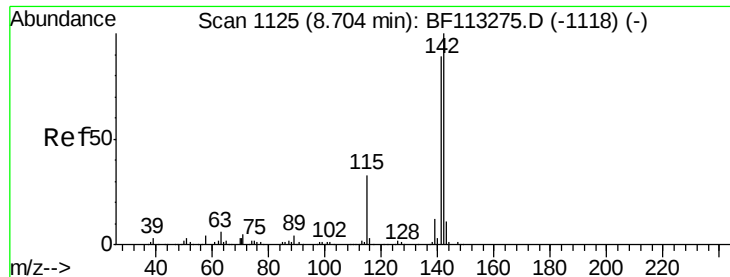
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





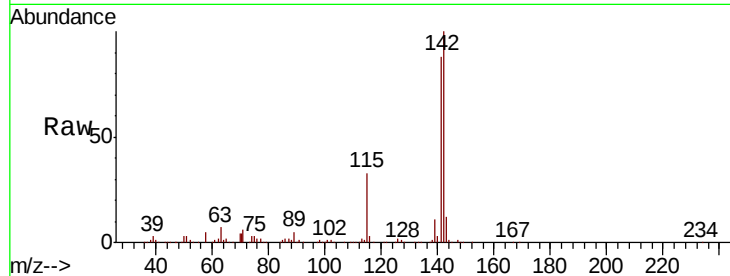
#37
2-Methylnaphthalene
Concen: 48.364 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	938843		
141	87.5	71.0	106.6	
115	33.0	26.6	39.8	

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM

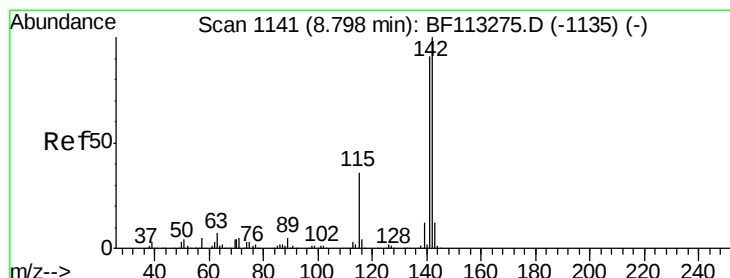
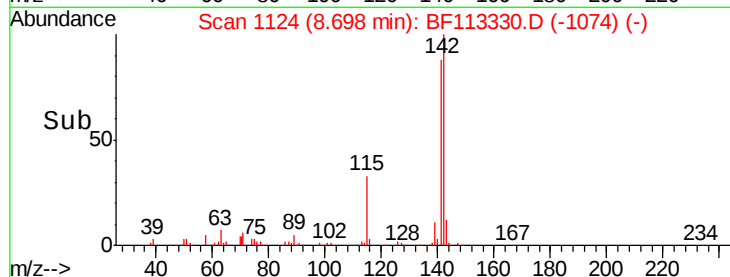
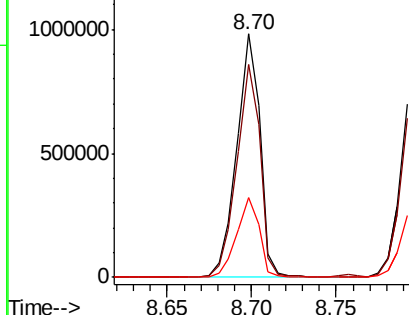


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 47.177 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

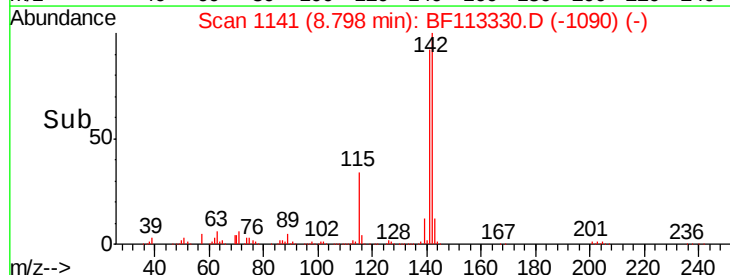
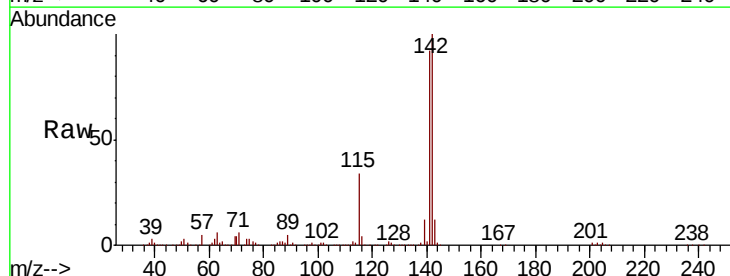
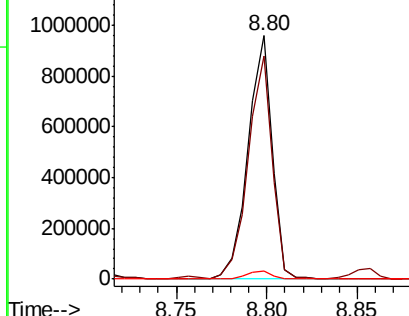
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	880868		
141	91.8	73.2	109.8	
116	3.6	3.0	4.4	

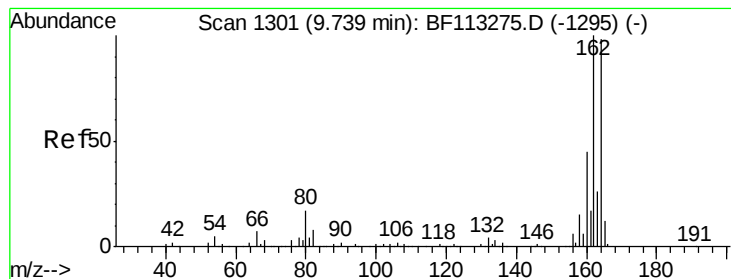
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113330.D

Acq: 27 Mar 2019 14:53

Instrument :

BNA_F

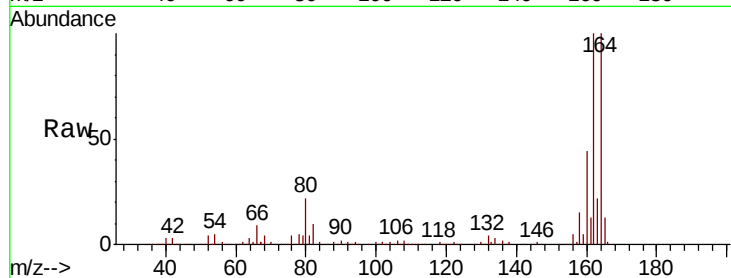
ClientSampleId :

TT-001-IDWSO-20190325MSD

Tot Ion:	164	Resp:	307670
Ion Ratio	Lower	Upper	
164	100		
162	100.5	81.8	122.6
160	44.1	36.4	54.6

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM

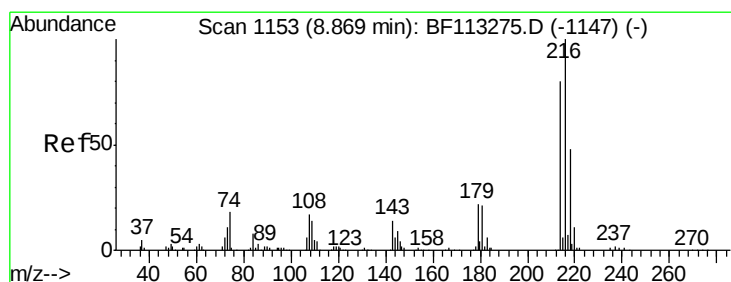
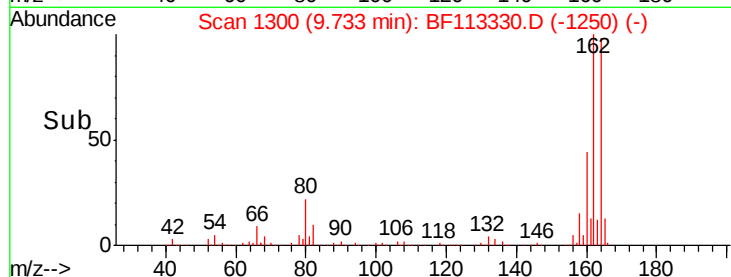
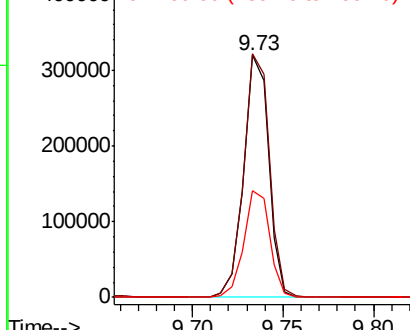


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.855 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF113330.D

Acq: 27 Mar 2019 14:53

Tgt Ion:	216	Resp:	433120
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.0	94.6
179	20.3	16.8	25.2
108	18.0	13.8	20.6

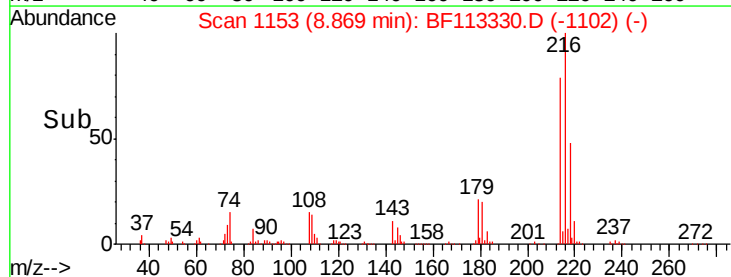
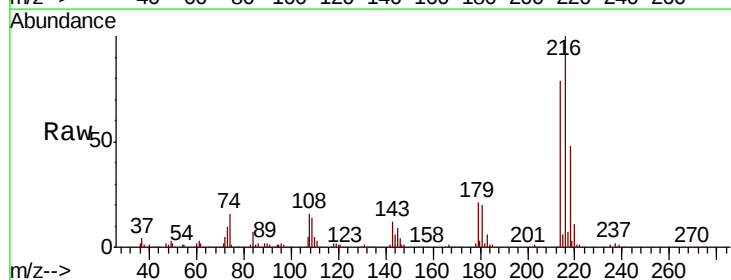
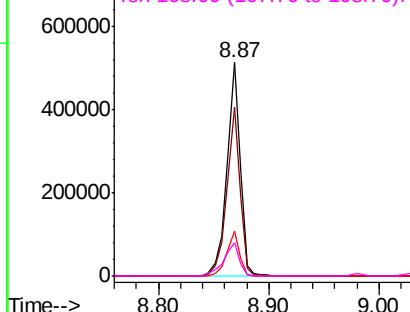
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.189 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF113330.D

Acq: 27 Mar 2019 14:53

Instrument :

BNA_F

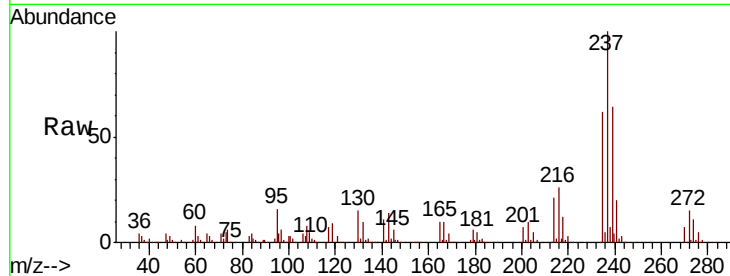
ClientSampleId :

TT-001-IDWSO-20190325MSD

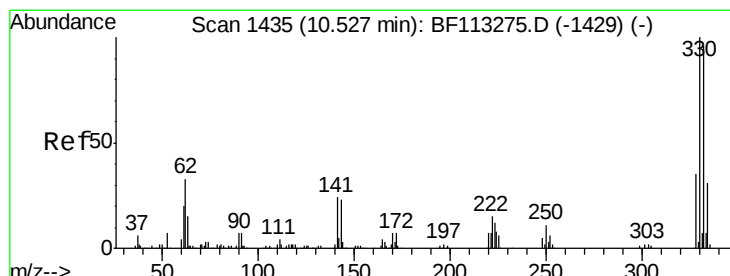
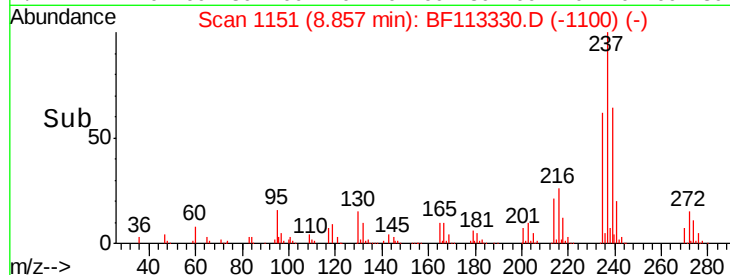
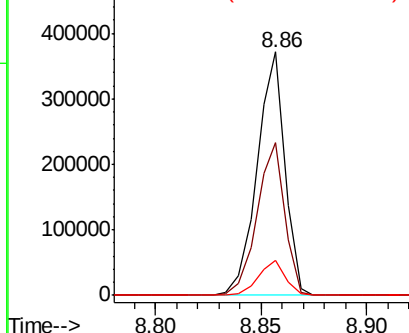
Tot Ion:	237	Resp:	339397
Ion Ratio	Lower	Upper	
237	100		
235	62.5	43.4	83.4
272	14.5	0.0	33.7

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 119.454 ng

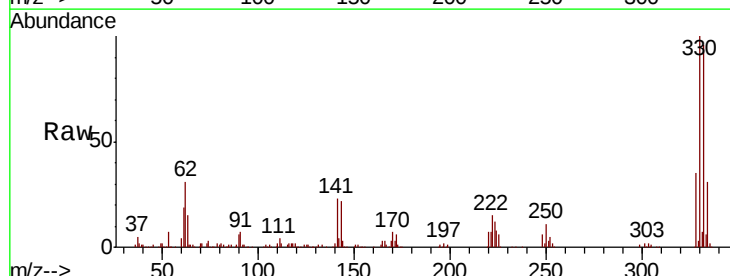
RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

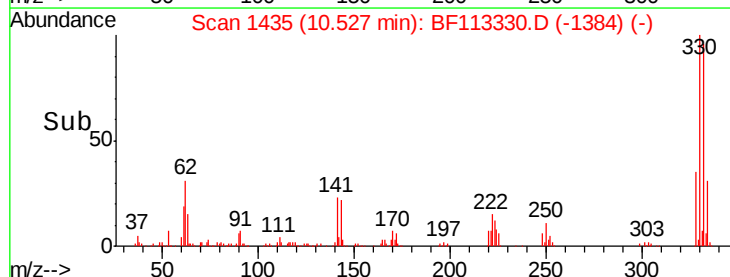
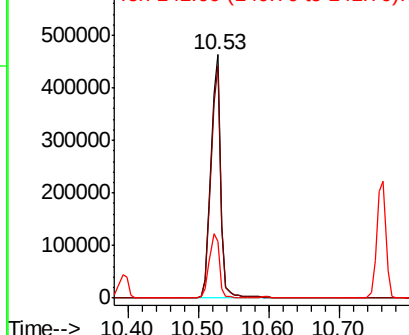
Lab File: BF113330.D

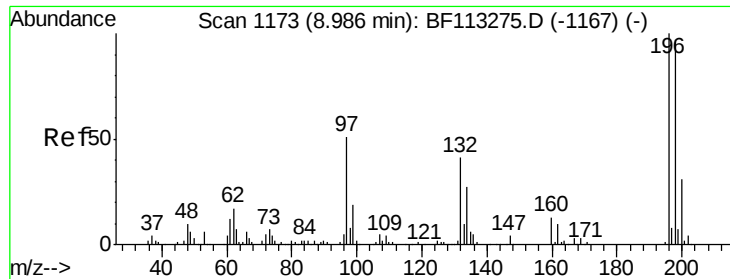
Acq: 27 Mar 2019 14:53

Tgt Ion:	330	Resp:	453975
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.8	116.6
141	27.5	22.7	34.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





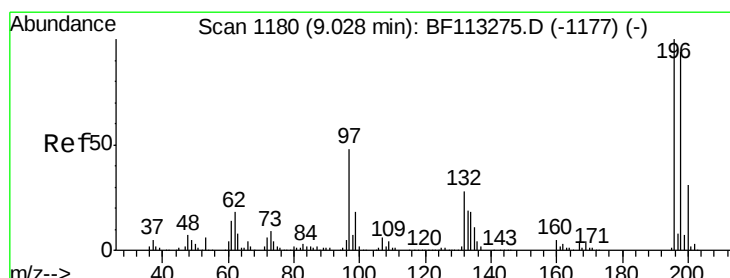
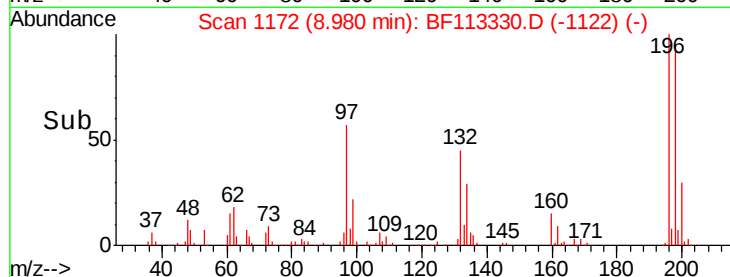
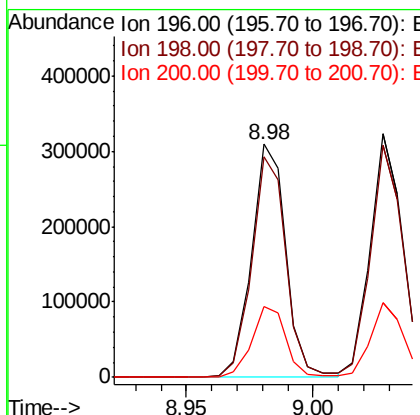
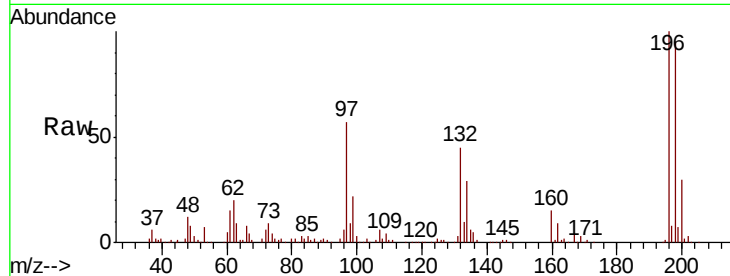
#43
 2,4,6-Trichlorophenol
 Concen: 45.607 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF113330.D
 Acq: 27 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	293314		
198	94.9	77.7	116.5	
200	30.5	24.9	37.3	

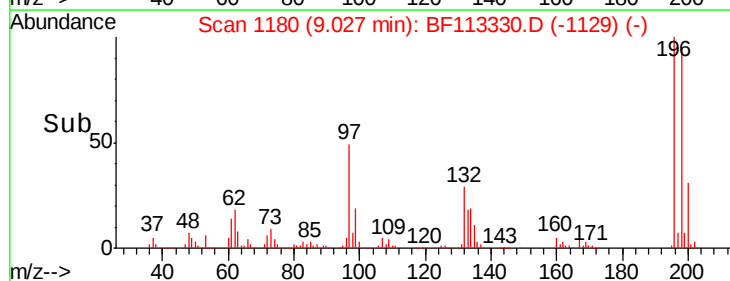
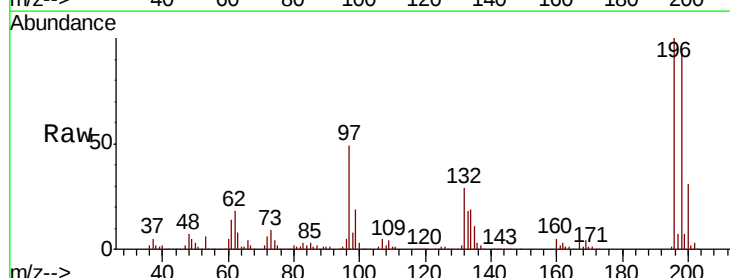
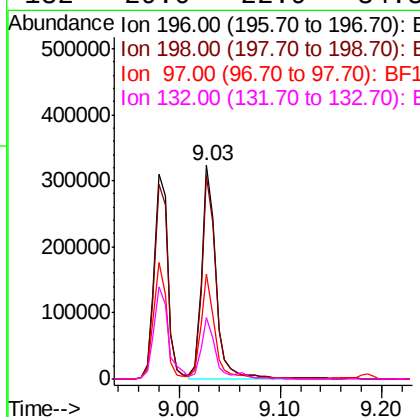
Manual Integrations
 APPROVED

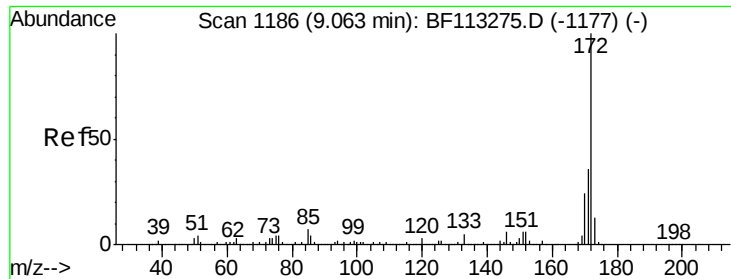
Sohil
 3/28/2019 8:41:48 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.931 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF113330.D
 Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	312674		
198	95.4	75.4	113.2	
97	49.1	38.6	58.0	
132	29.0	22.9	34.3	





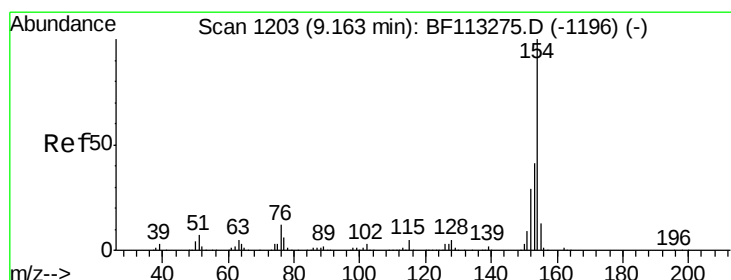
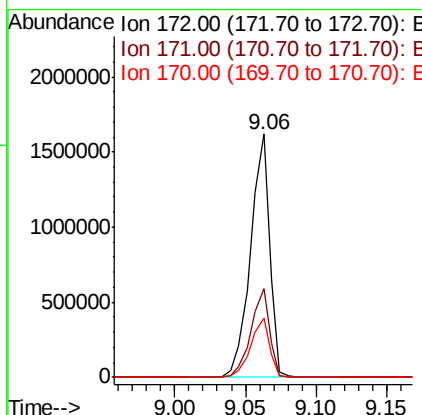
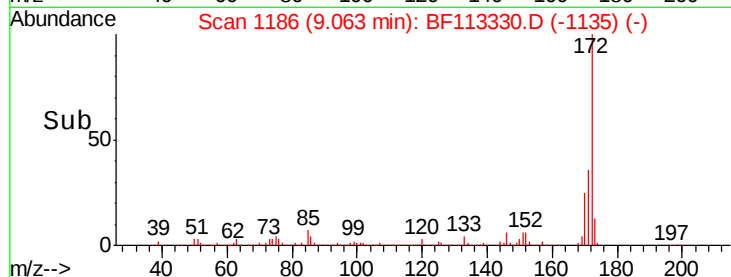
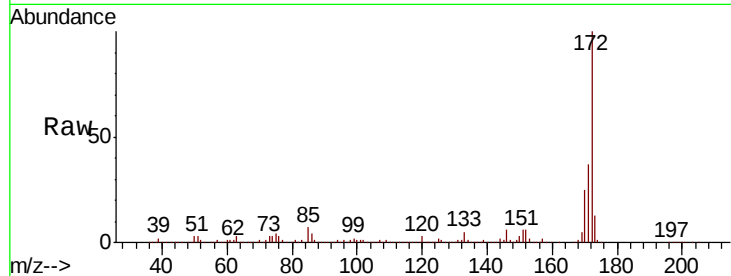
#45
2-Fluorobiphenyl
Concen: 77.115 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.5	19.5	29.3

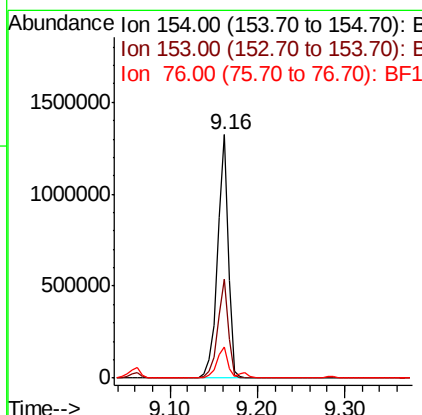
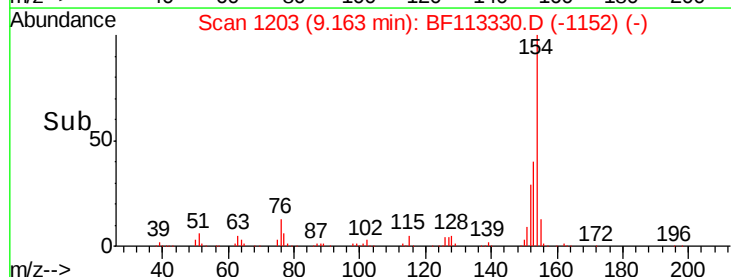
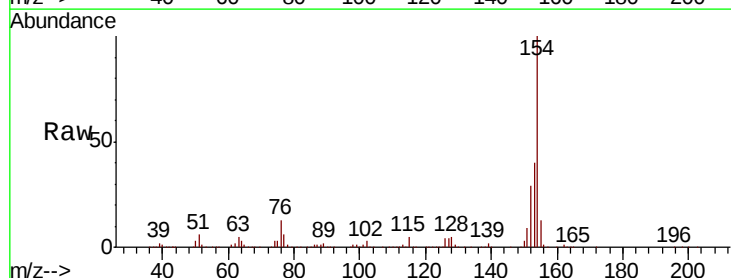
Manual Integrations
APPROVED

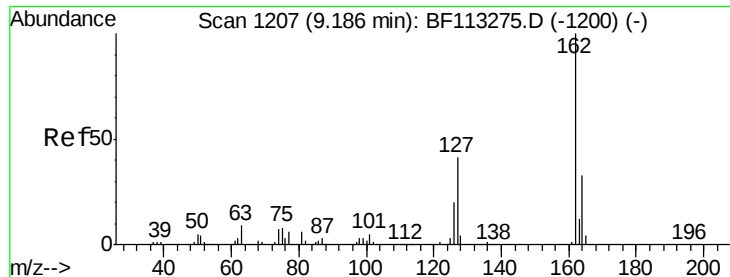
Sohil
3/28/2019 8:41:48 AM



#46
1,1'-Biphenyl
Concen: 43.875 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.8	60.8
76	12.6	0.0	31.9





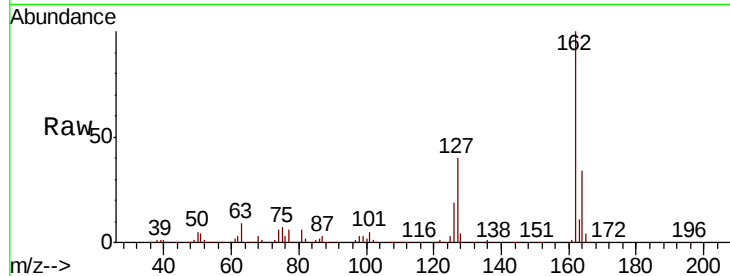
#47
2-Chloronaphthalene
Concen: 44.162 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	873750		
127	39.9	32.6	49.0	
164	33.8	26.6	39.8	

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM

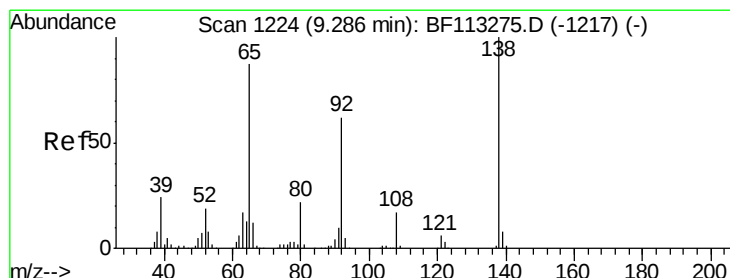
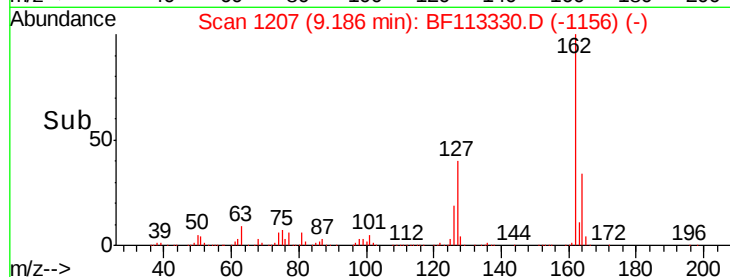
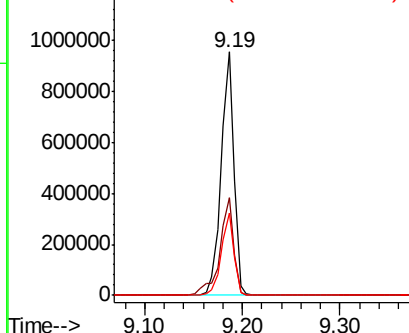


Abundance

Ion 162.00 (161.70 to 162.70): E

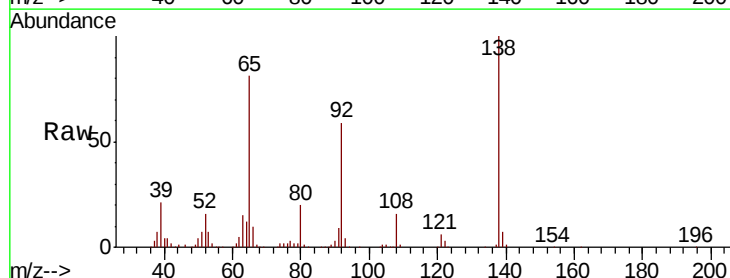
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 47.142 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	292696		
92	73.6	56.8	85.2	
138	124.0	92.3	138.5	

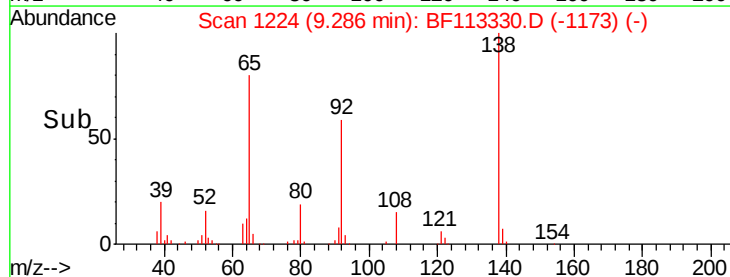
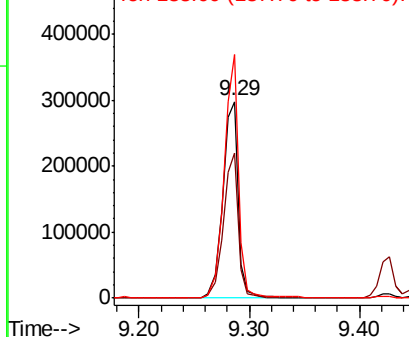


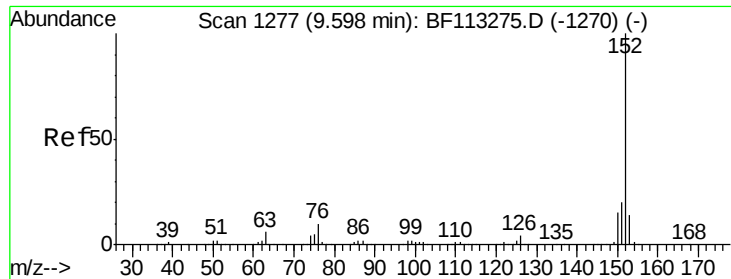
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





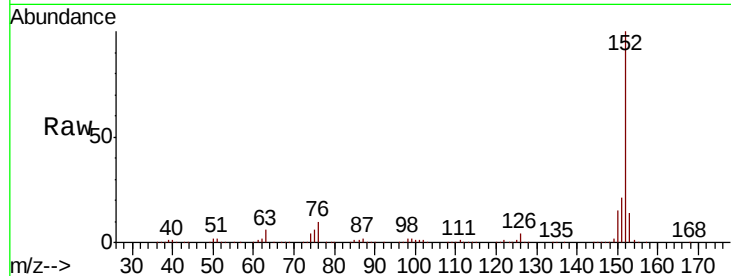
#49
Acenaphthylene
Concen: 44.293 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	20.6	16.2	24.4	
153	13.7	11.0	16.6	

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM

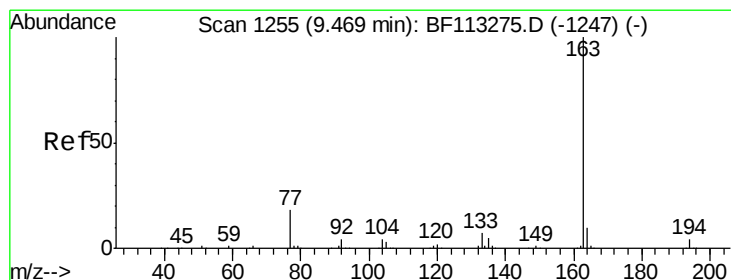
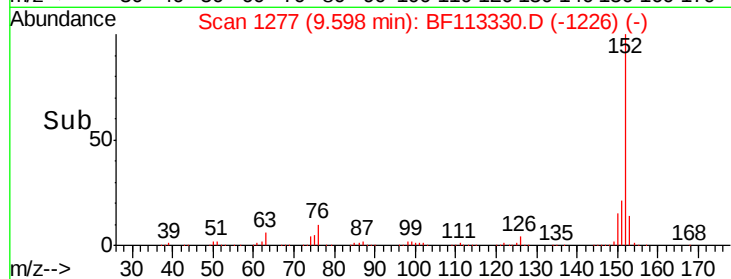
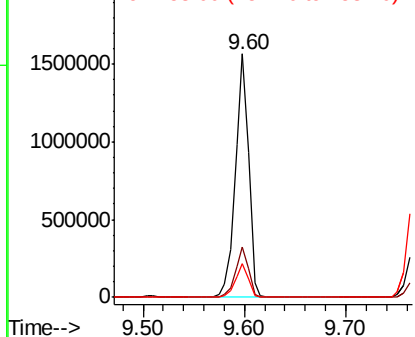


Abundance

Ion 152.00 (151.70 to 152.70): E

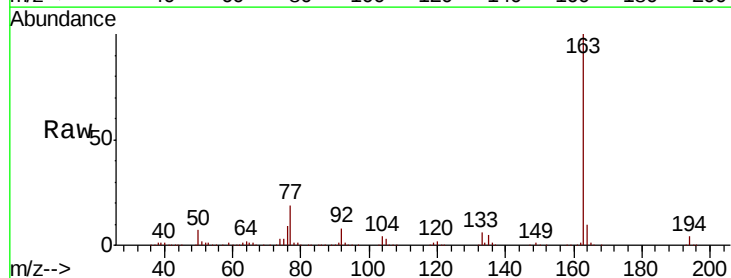
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 51.744 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.0	3.0	4.6	
164	10.2	8.1	12.1	

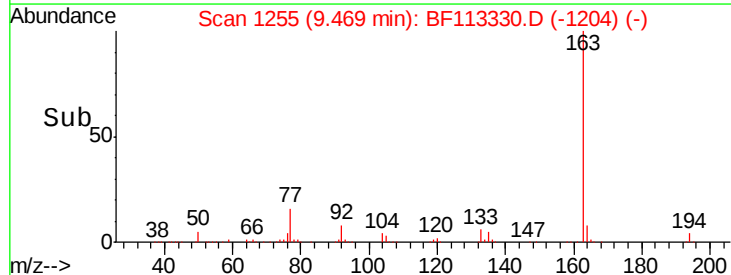
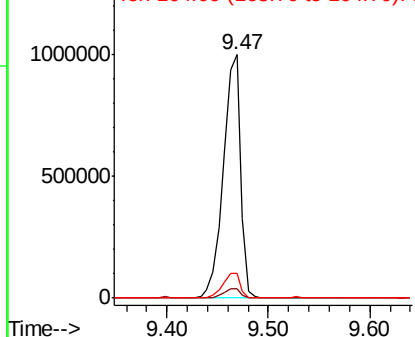


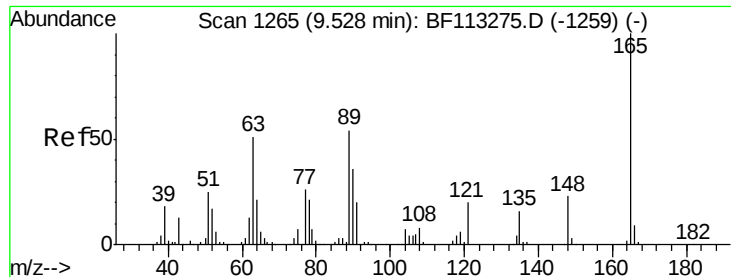
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





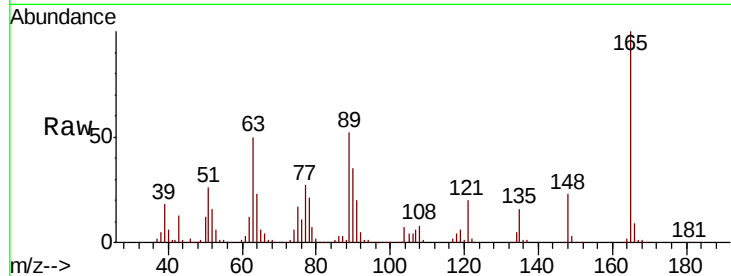
#51
2,6-Dinitrotoluene
Concen: 45.579 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

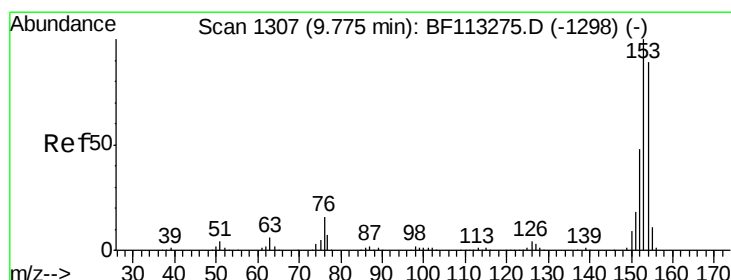
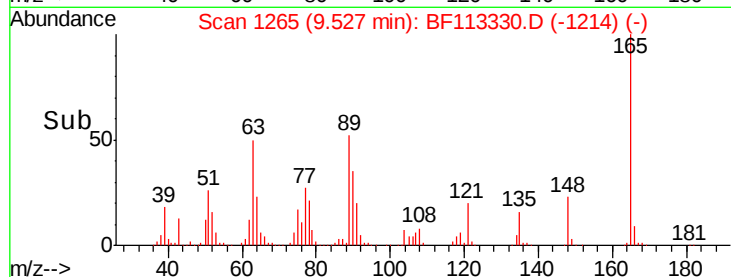
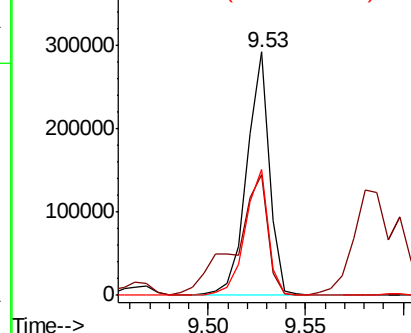
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.6	43.4	65.0
89	51.6	43.1	64.7

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM

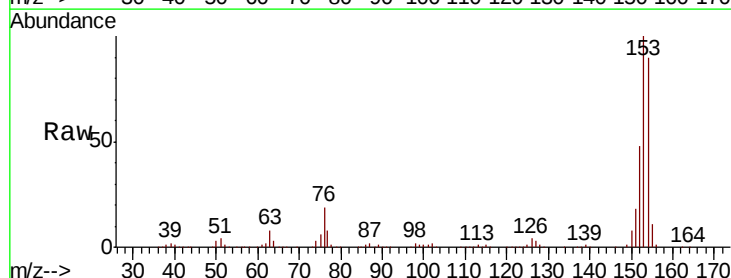


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

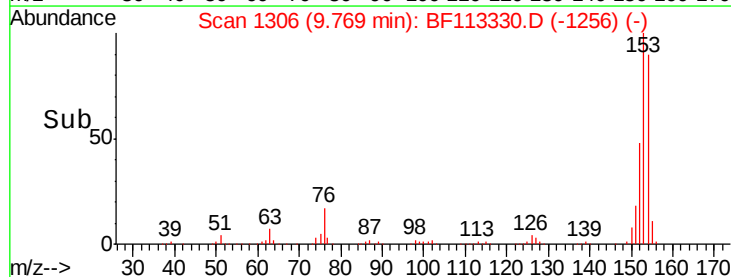
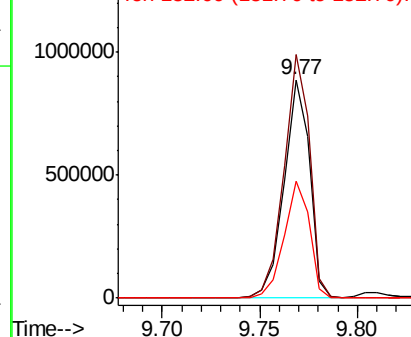


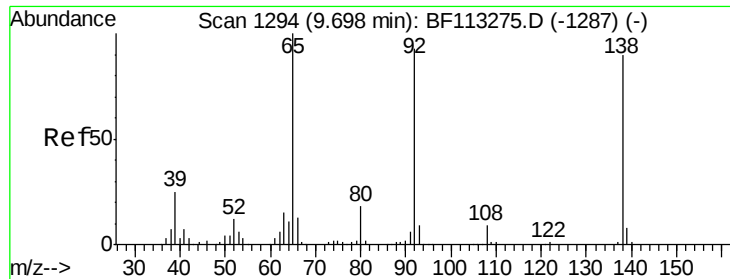
#52
Acenaphthene
Concen: 44.732 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.5	134.3
152	53.5	43.3	64.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





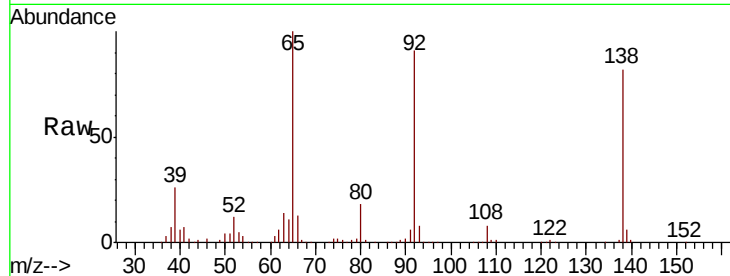
#53
3-Nitroaniline
Concen: 36.522 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.6
92	111.2	82.6	124.0

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM

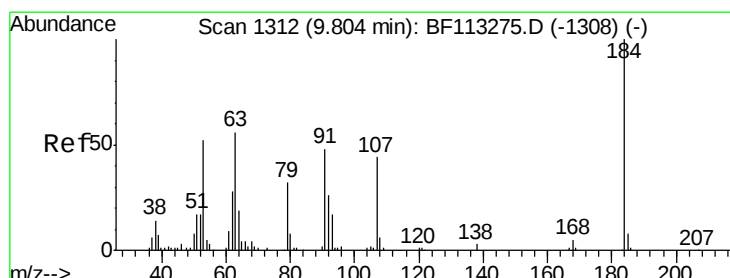
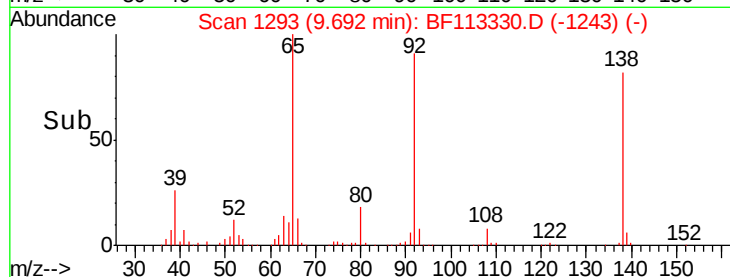
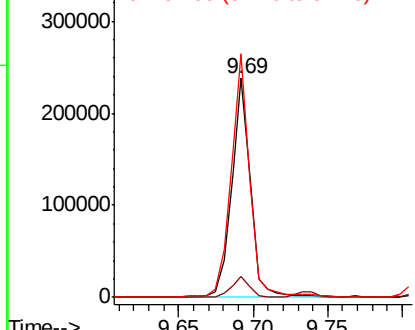


Abundance

Ion 138.00 (137.70 to 138.70): E

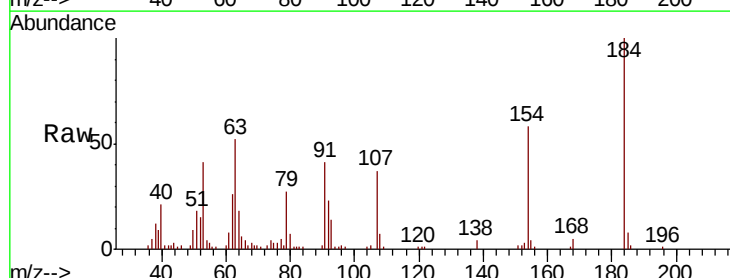
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 20.452 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.1	54.3	81.5#
154	57.8	48.4	72.6

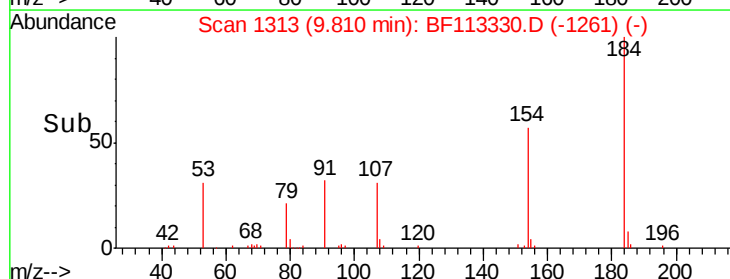
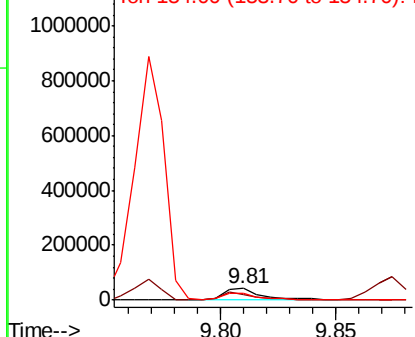


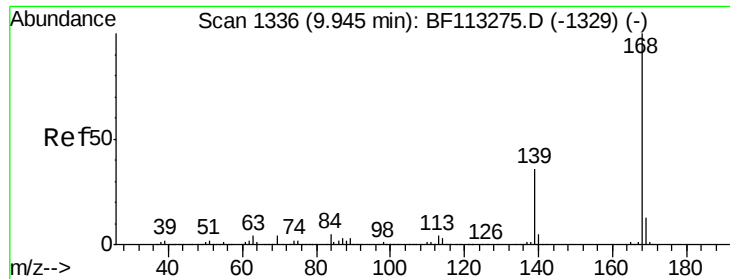
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





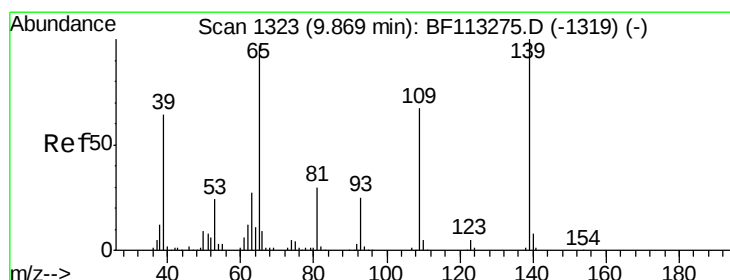
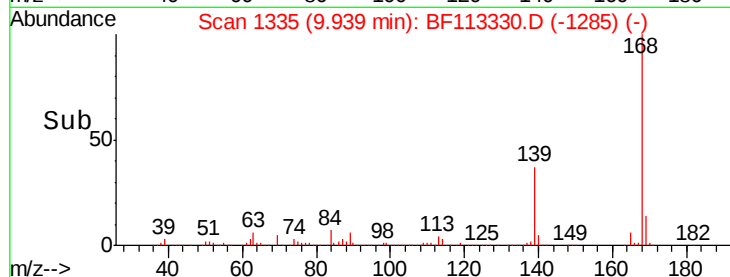
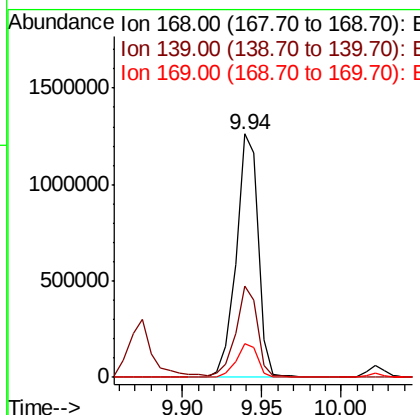
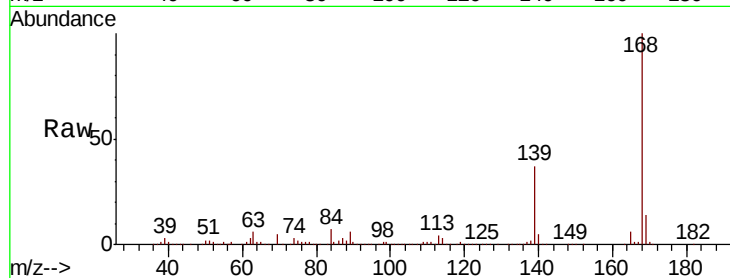
#55
Dibenzofuran
Concen: 45.017 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion:168 Resp: 1219207
Ion Ratio Lower Upper
168 100
139 37.5 29.7 44.5
169 13.9 10.7 16.1

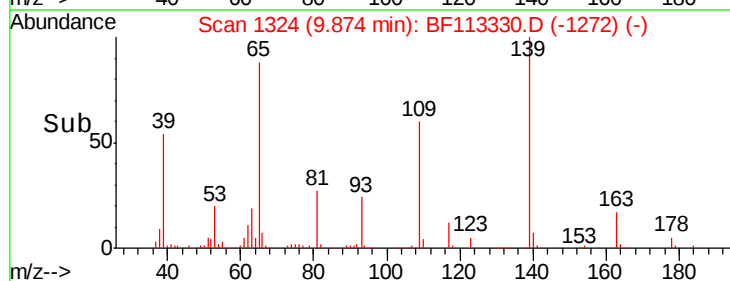
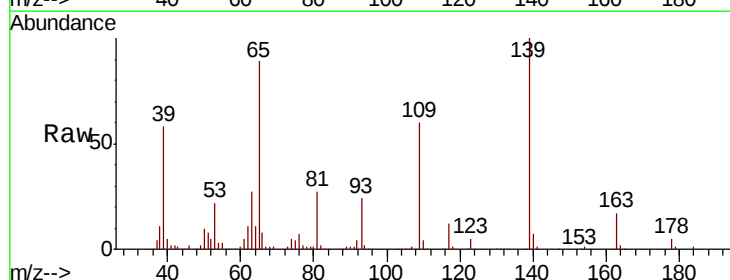
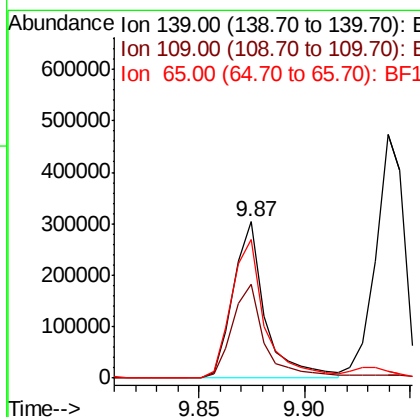
Manual Integrations
APPROVED

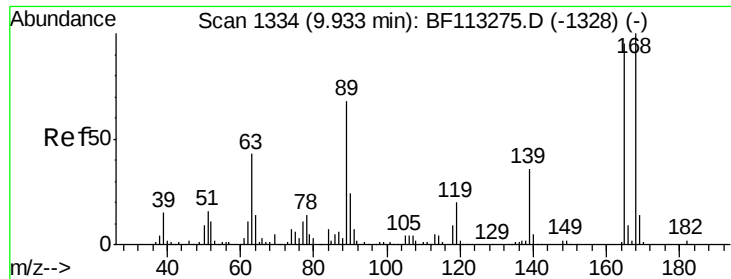
Sohil
3/28/2019 8:41:48 AM



#56
4-Nitrophenol
Concen: 77.082 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion:139 Resp: 318777
Ion Ratio Lower Upper
139 100
109 60.4 46.9 86.9
65 88.5 77.2 117.2





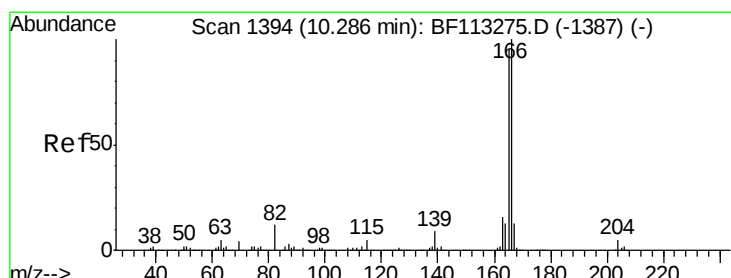
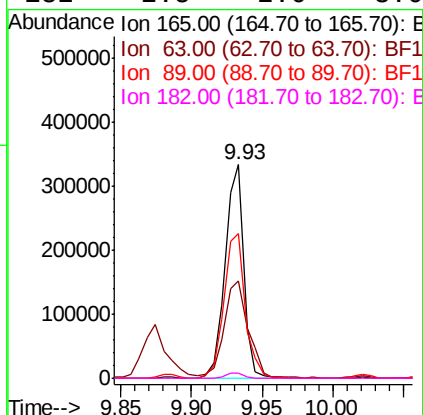
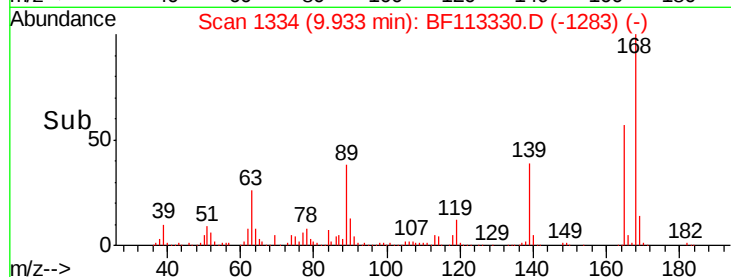
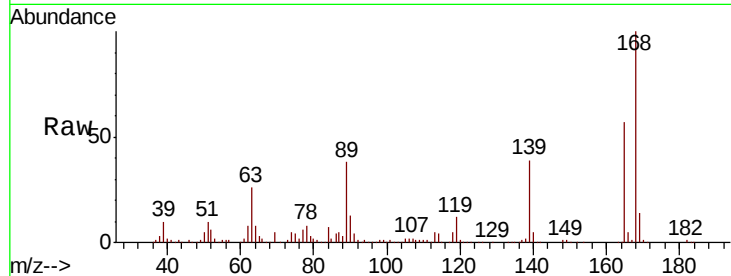
#57
 2,4-Dinitrotoluene
 Concen: 46.578 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF113330.D
 Acq: 27 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.6	37.5	56.3	
89	67.6	57.4	86.2	
182	2.5	2.0	3.0	

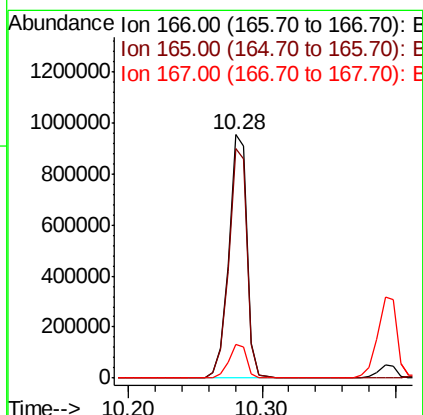
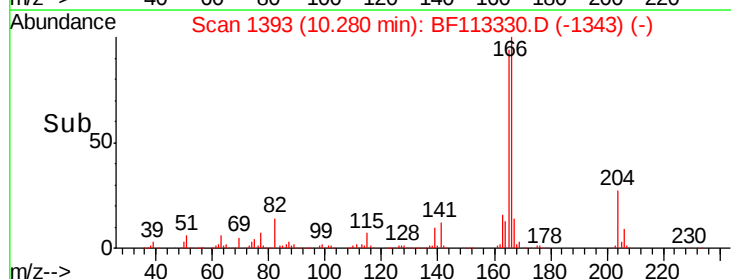
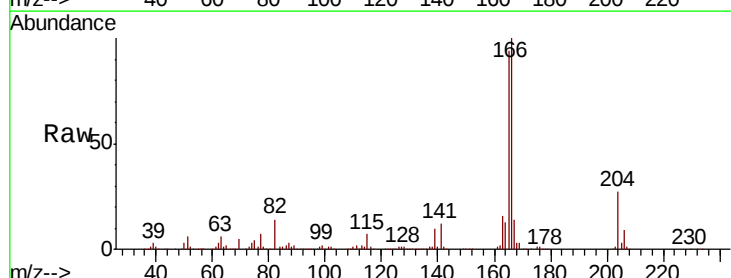
Manual Integrations
 APPROVED

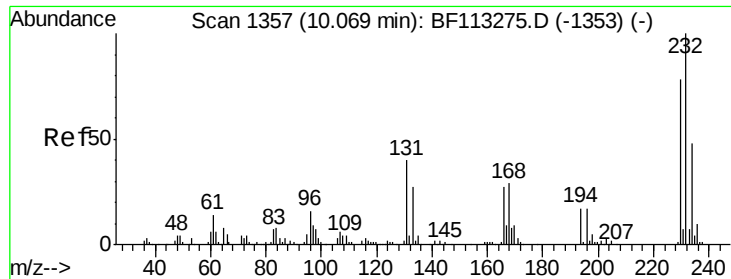
Sohil
 3/28/2019 8:41:48 AM



#58
 Fluorene
 Concen: 43.969 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF113330.D
 Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.0	76.2	114.2	
167	14.1	10.7	16.1	





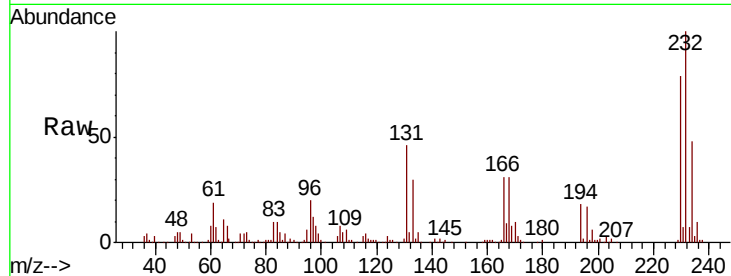
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.068 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	247183		
131	42.2	33.2	49.8	
130	2.0	1.6	2.4	
166	28.1	21.0	31.6	

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM



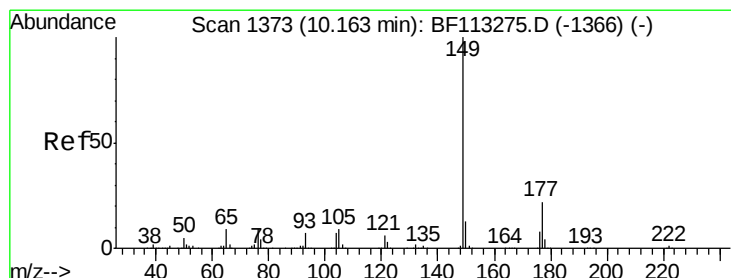
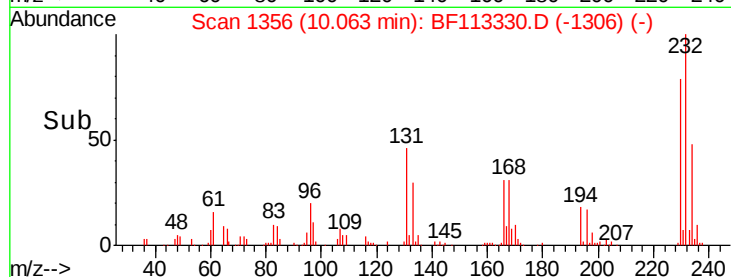
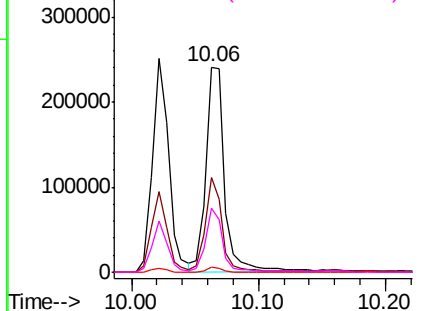
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

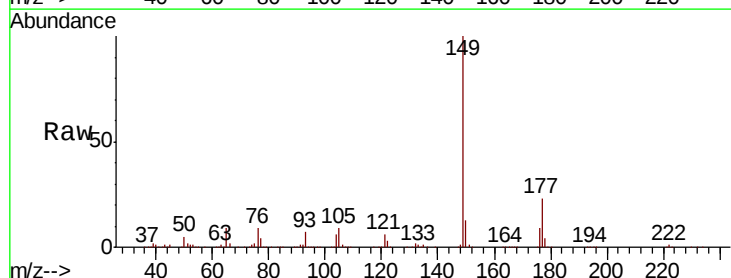
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.851 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1003201		
177	22.5	17.4	26.0	
150	12.5	10.0	15.0	

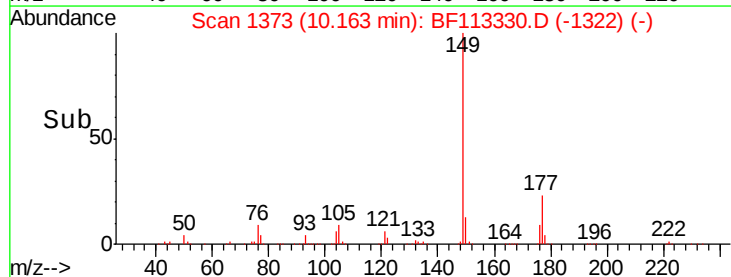
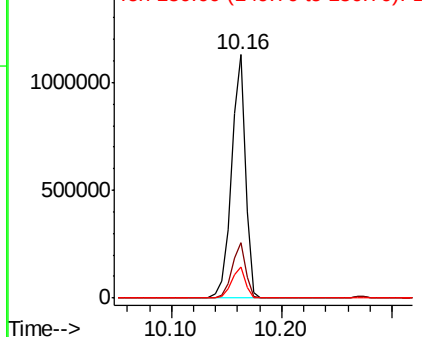


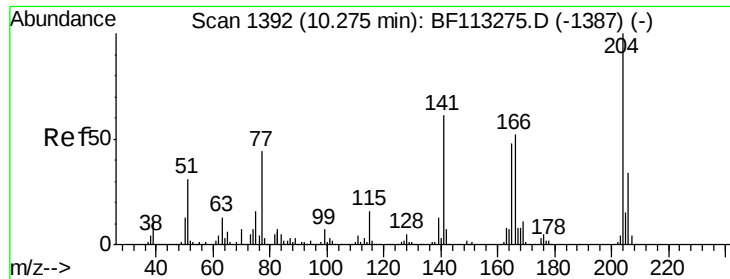
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





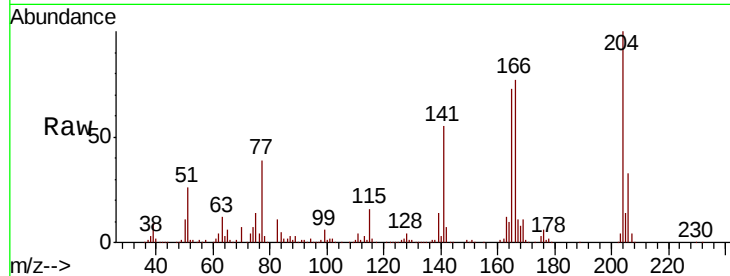
#61
4-Chlorophenyl-phenylether
Concen: 44.500 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.9	40.3
141	55.4	48.8	73.2

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM

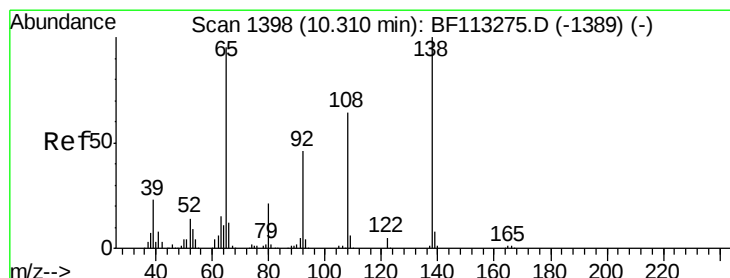
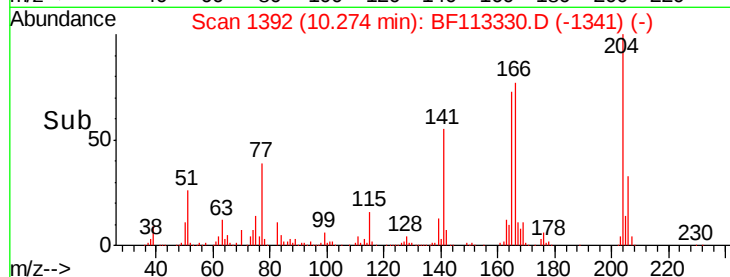
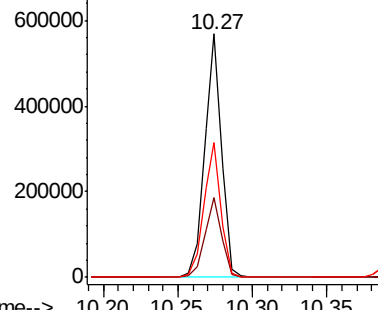


Abundance

Ion 204.00 (203.70 to 204.70): E

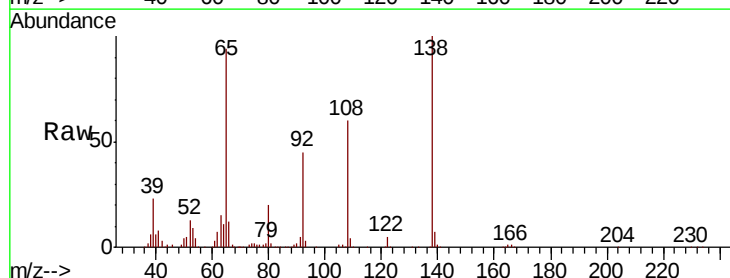
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 45.942 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.1	25.8	65.8
108	59.9	44.0	84.0

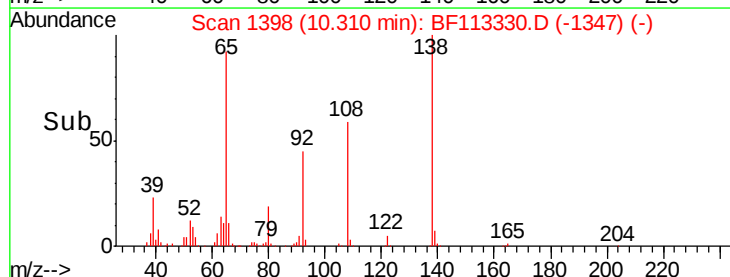
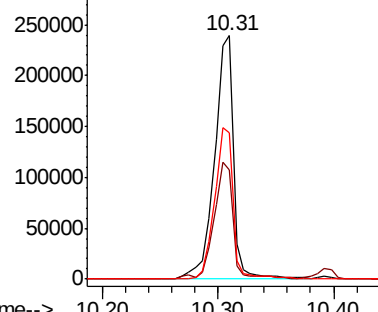


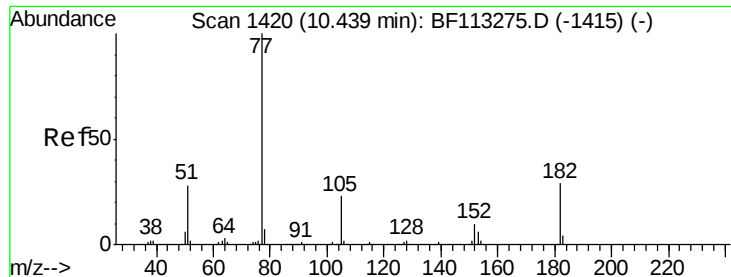
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





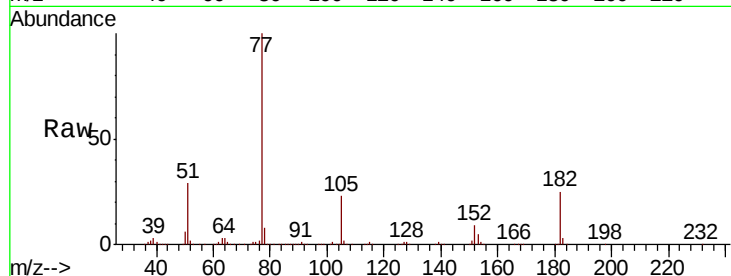
#63
Azobenzene
Concen: 44.687 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

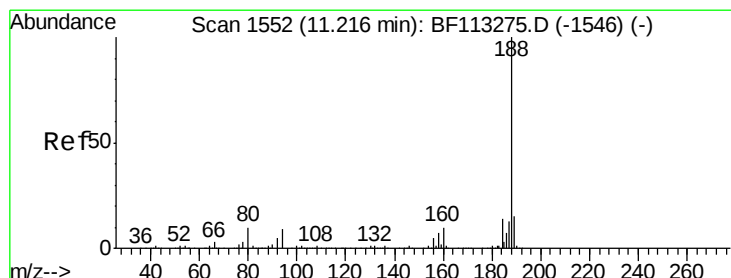
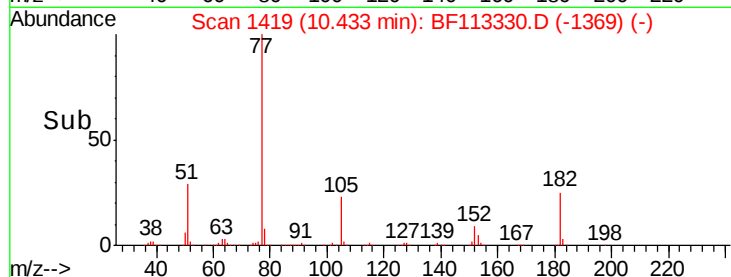
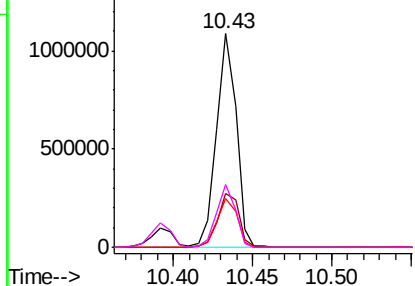
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.2	8.7	48.7
105	22.9	2.9	42.9
51	29.1	8.8	48.8

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM

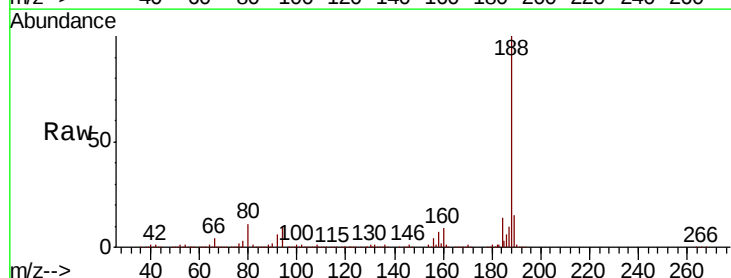


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

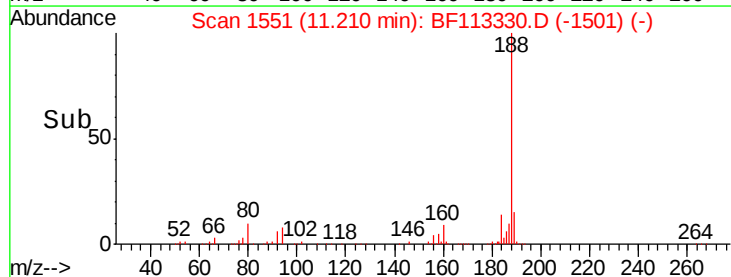
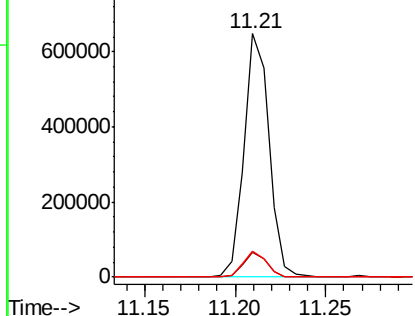


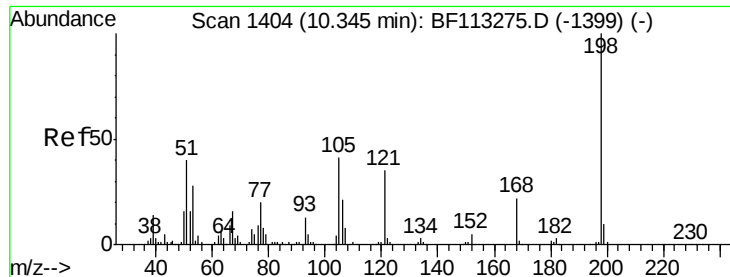
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.0	10.6
80	10.6	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 22.743 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF113330.D

Acq: 27 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

TT-001-IDWSO-20190325MSD

Tot Ion:198 Resp: 77096

Ion Ratio Lower Upper

198 100

51 50.5 21.6 61.6

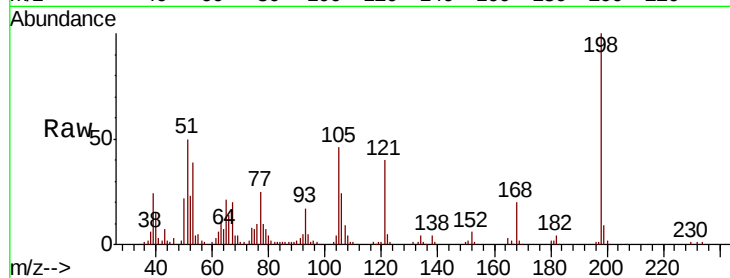
105 45.5 20.6 60.6

Manual Integrations

APPROVED

Sohil

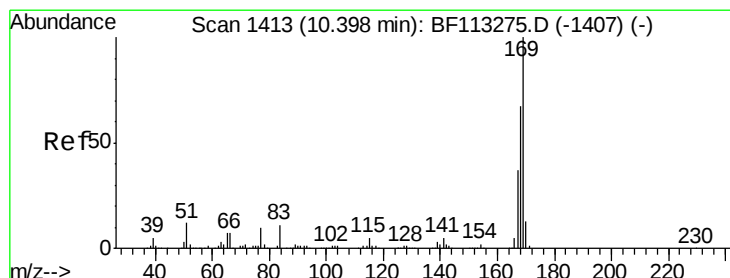
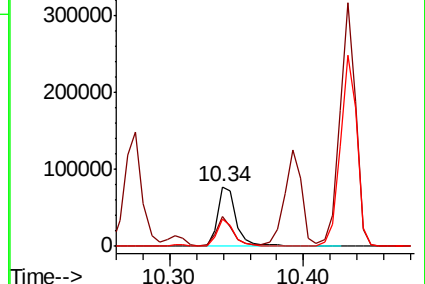
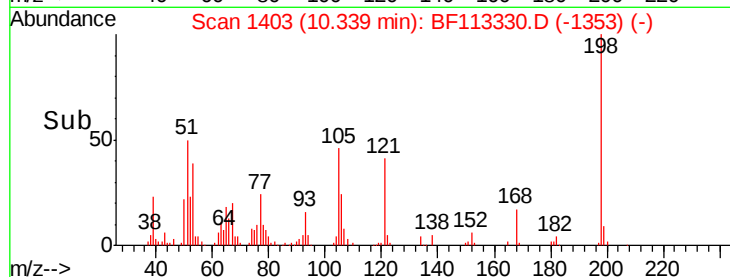
3/28/2019 8:41:48 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.682 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF113330.D

Acq: 27 Mar 2019 14:53

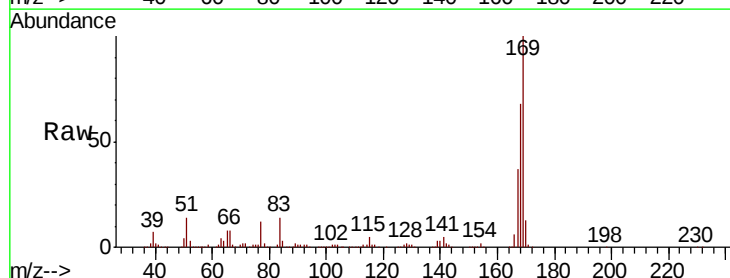
Tgt Ion:169 Resp: 868652

Ion Ratio Lower Upper

169 100

168 67.7 53.7 80.5

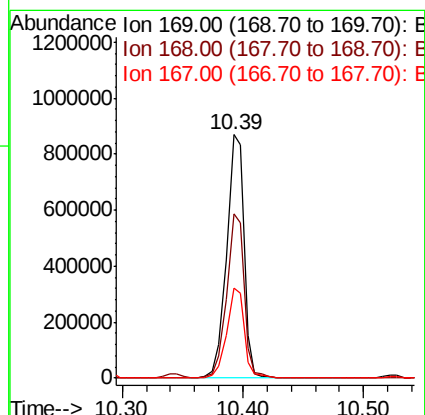
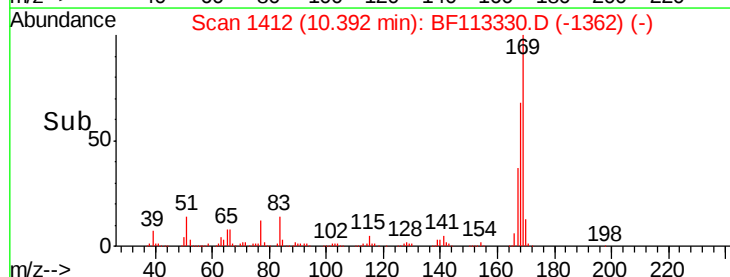
167 36.8 29.5 44.3

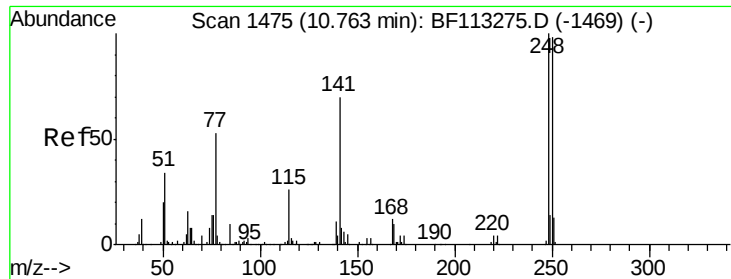


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





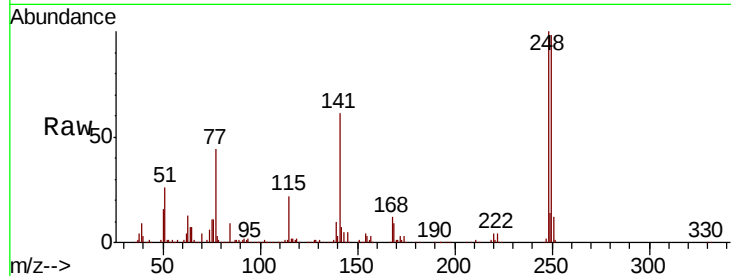
#67
4-Bromophenyl-phenylether
Concen: 44.582 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.3	117.5
141	61.0	56.2	84.4

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM

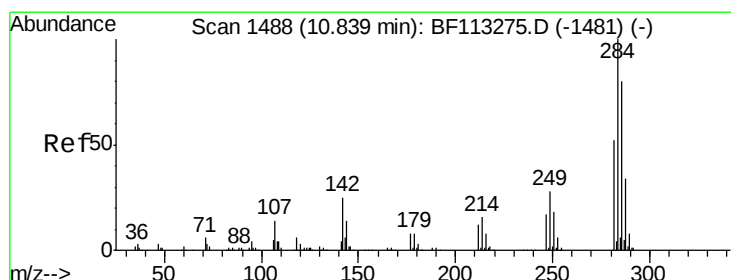
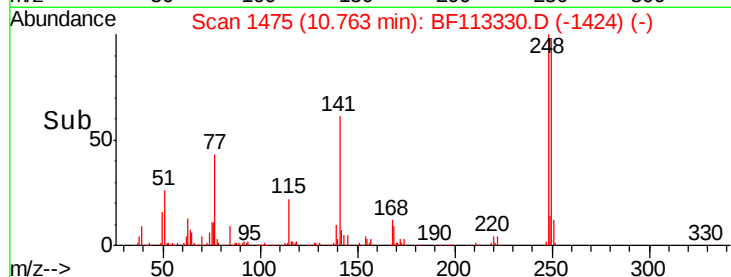
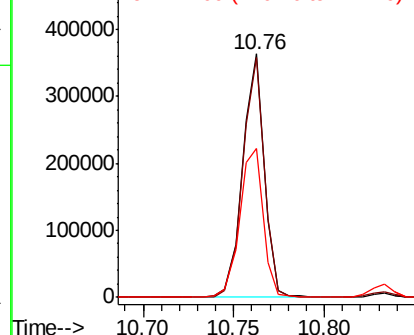


Abundance

Ion 248.00 (247.70 to 248.70): E

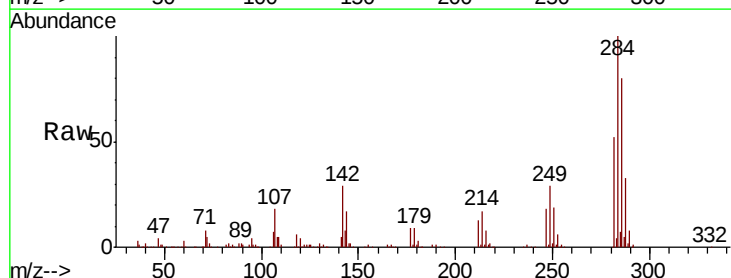
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.044 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	20.1	30.1
249	28.6	22.7	34.1

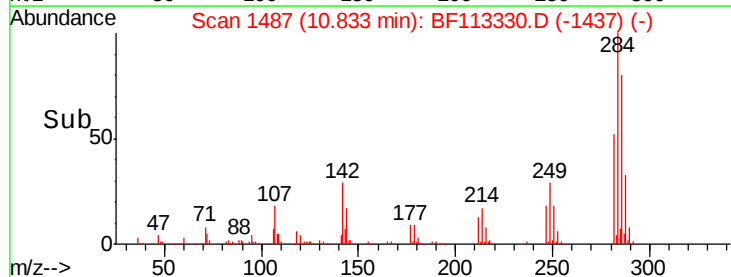
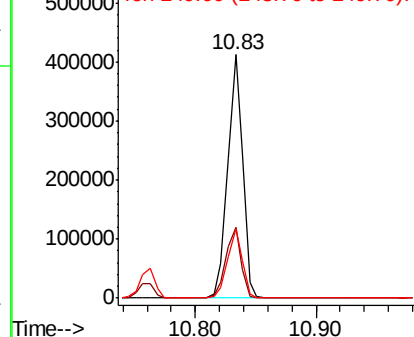


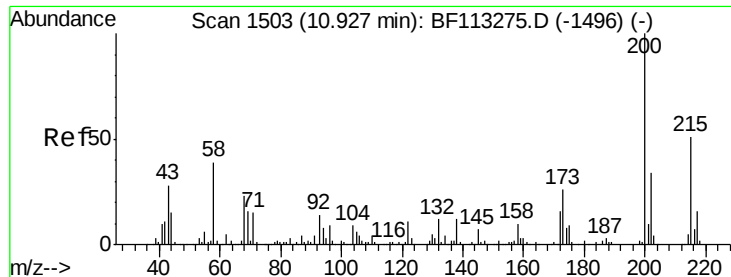
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





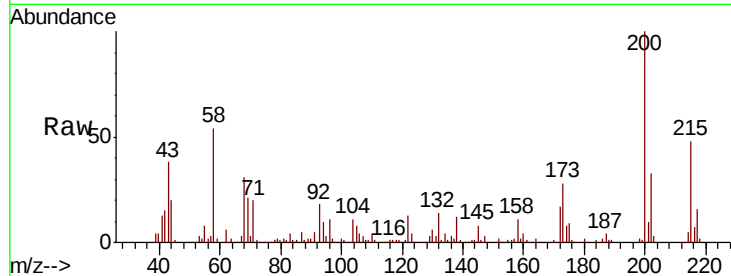
#69
 Atrazine
 Concen: 46.356 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF113330.D
 Acq: 27 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.4	6.0	46.0
215	47.9	31.3	71.3

Manual Integrations
 APPROVED

Sohil
 3/28/2019 8:41:48 AM

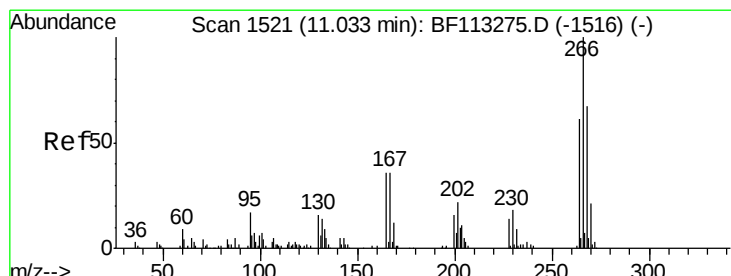
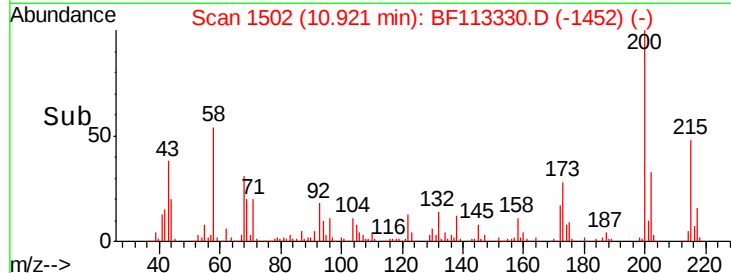
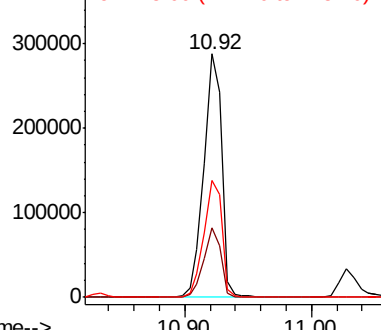


Abundance

Ion 200.00 (199.70 to 200.70): E

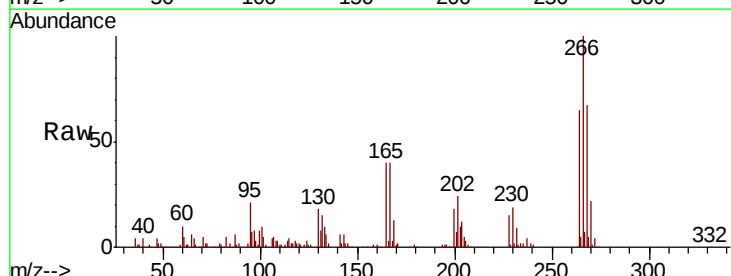
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 56.294 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF113330.D
 Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.5	53.8	80.6
264	64.6	49.2	73.8

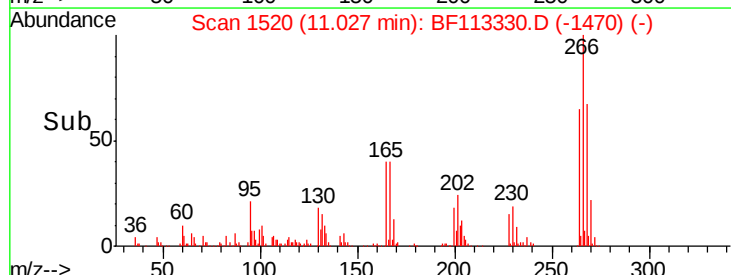
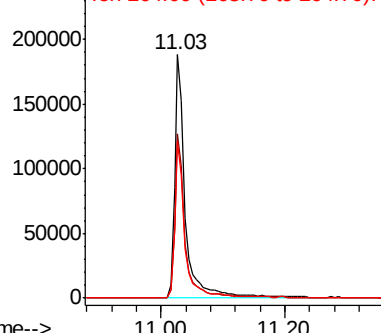


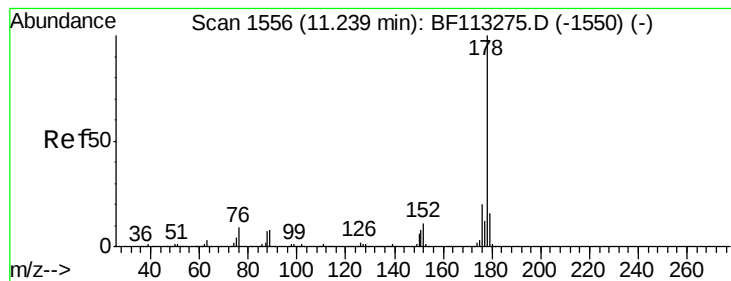
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.383 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BF113330.D

Acq: 27 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

TT-001-IDWSO-20190325MSD

Tot Ion:178 Resp: 1365808

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.2

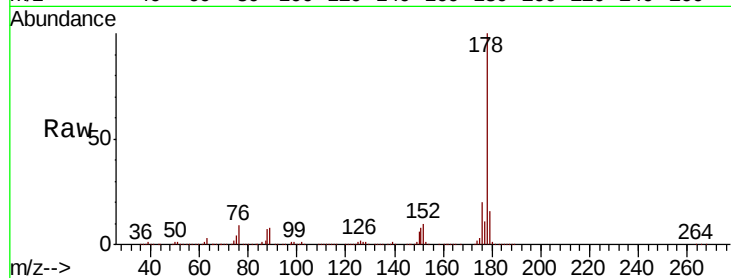
179 16.1 12.7 19.1

Manual Integrations

APPROVED

Sohil

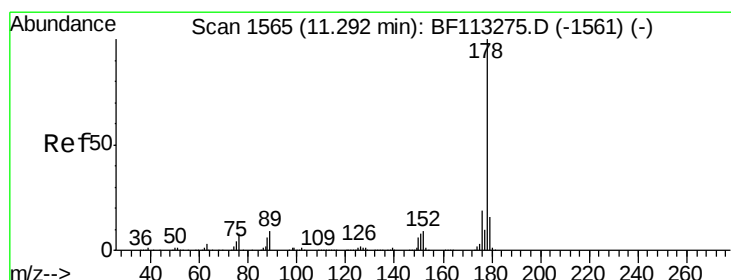
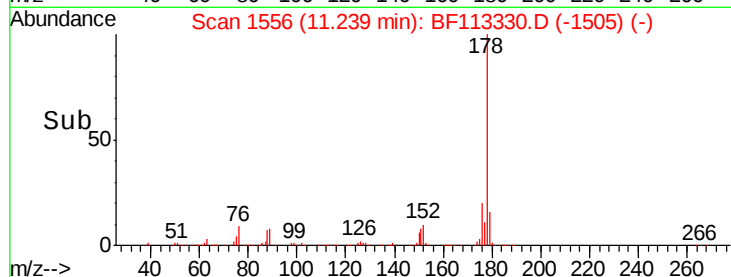
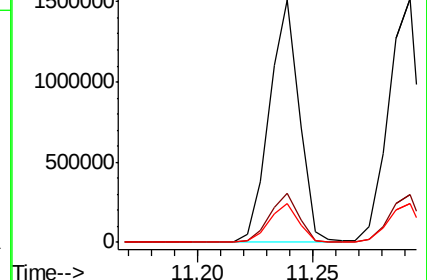
3/28/2019 8:41:48 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.786 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BF113330.D

Acq: 27 Mar 2019 14:53

Tgt Ion:178 Resp: 1431189

Ion Ratio Lower Upper

178 100

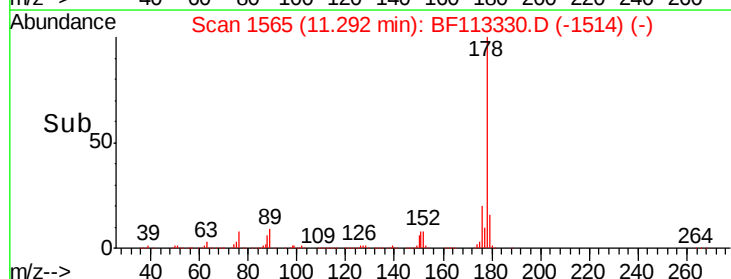
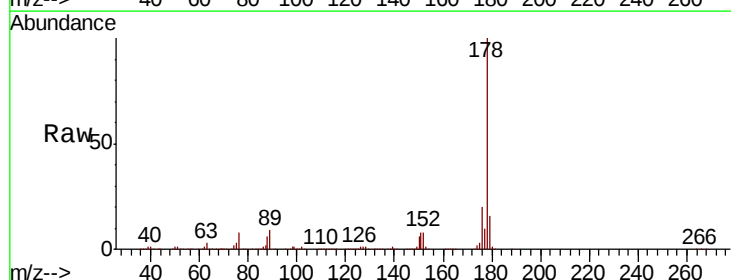
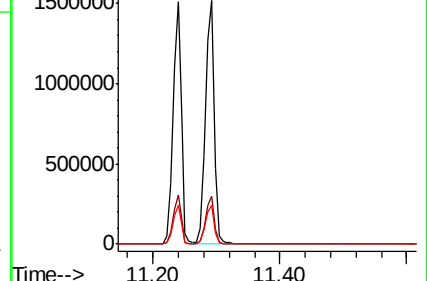
176 19.7 15.4 23.2

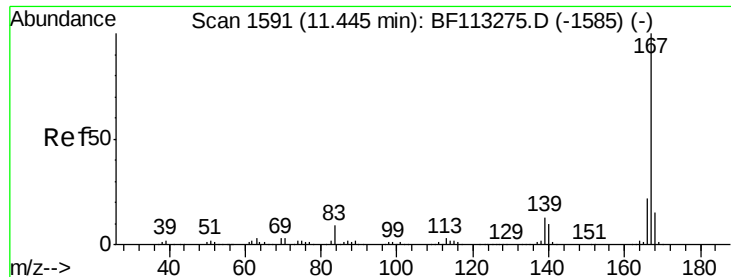
179 15.9 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





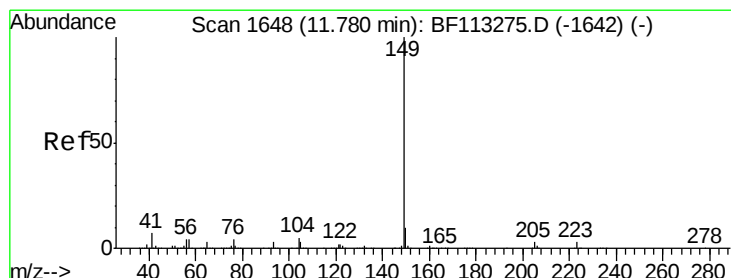
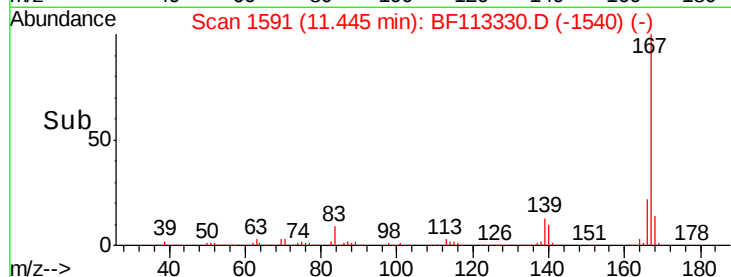
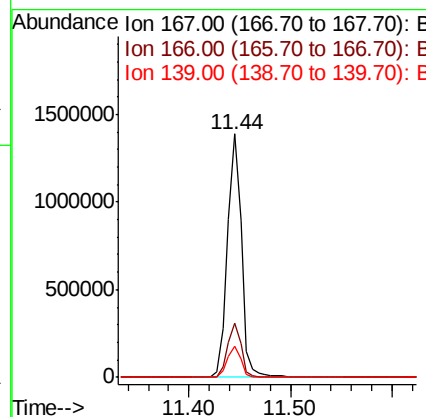
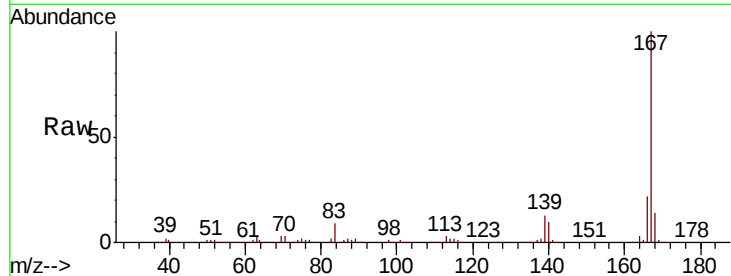
#73
 Carbazole
 Concen: 44.830 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF113330.D
 Acq: 27 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.0
139	13.0	10.4	15.6

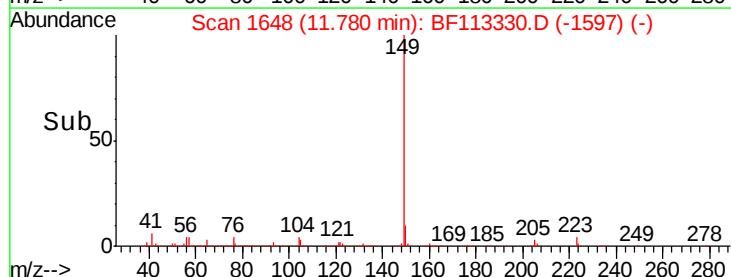
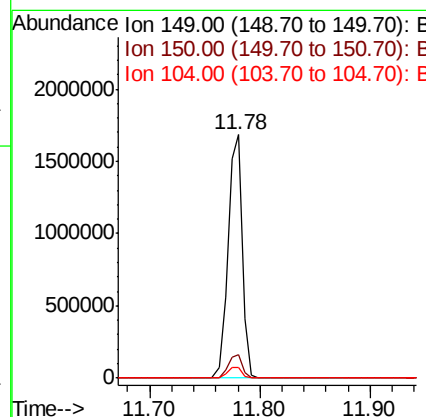
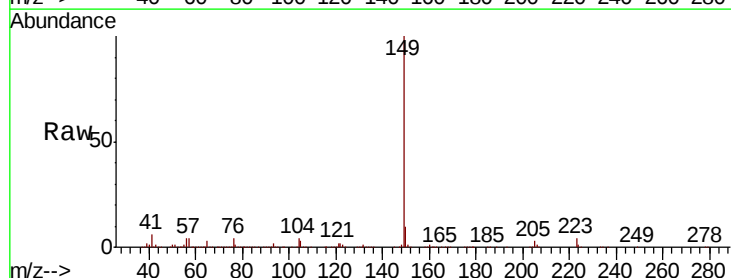
Manual Integrations
 APPROVED

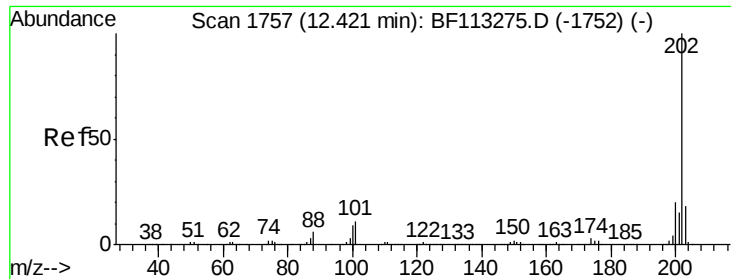
Sohil
 3/28/2019 8:41:48 AM



#74
 Di-n-butylphthalate
 Concen: 43.933 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BF113330.D
 Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.3	3.7	5.5





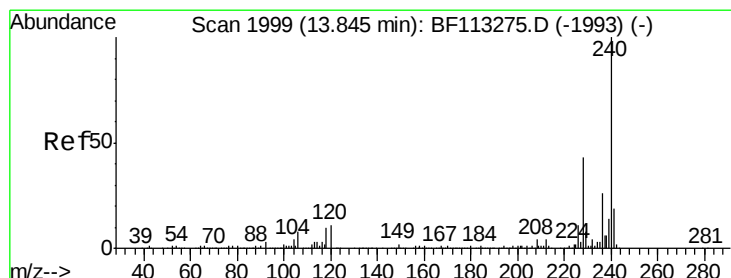
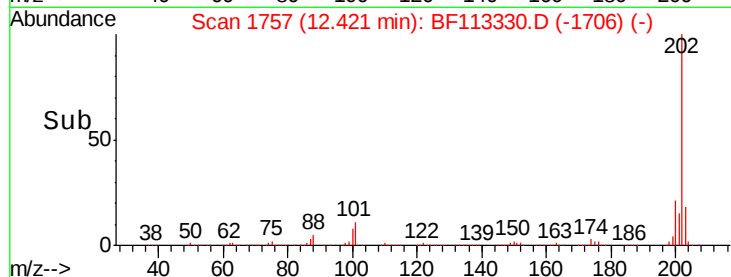
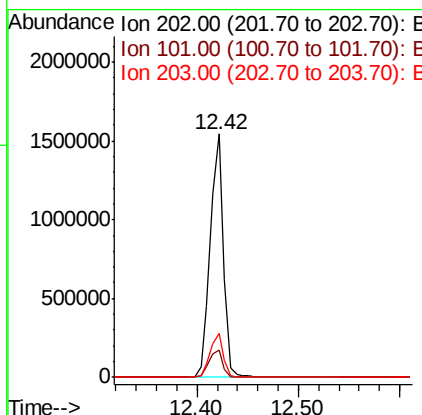
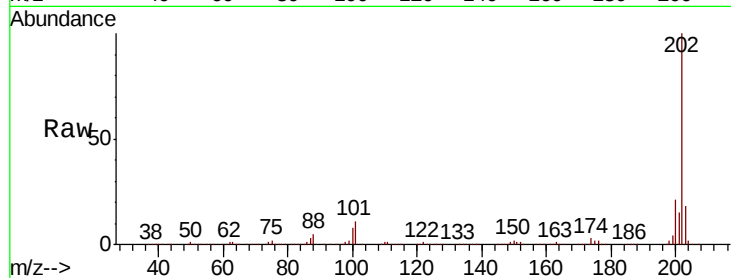
#75
 Fluoranthene
 Concen: 40.253 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BF113330.D
 Acq: 27 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1400365		
101	11.1		0.0	31.4
203	18.1		0.0	38.0

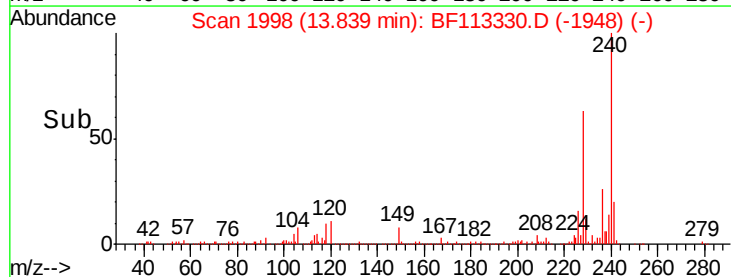
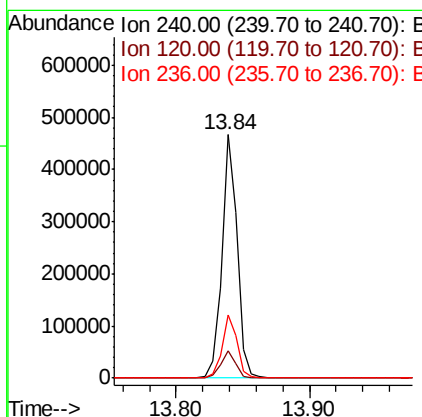
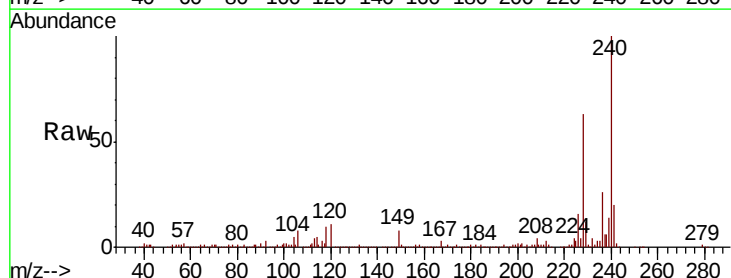
Manual Integrations
 APPROVED

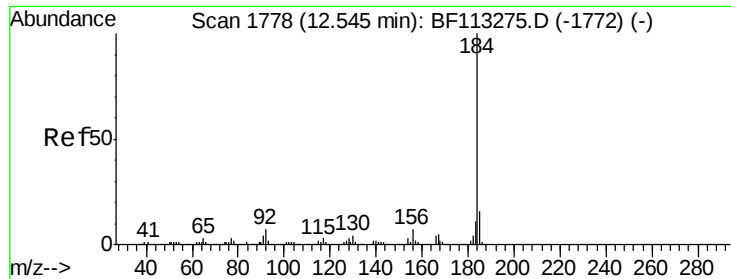
Sohil
 3/28/2019 8:41:48 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113330.D
 Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	376015		
120	11.5		8.8	13.2
236	25.9		20.9	31.3





#77

Benzidine

Concen: 32.637 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF113330.D

Acq: 27 Mar 2019 14:53

Instrument :

BNA_F

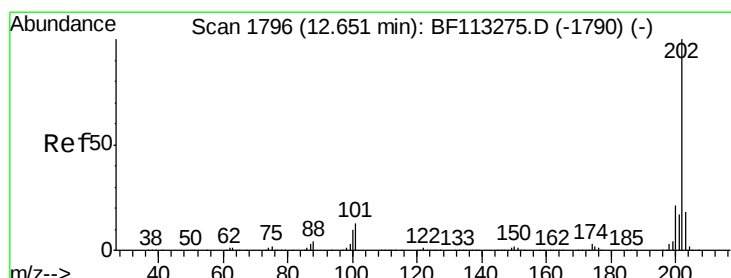
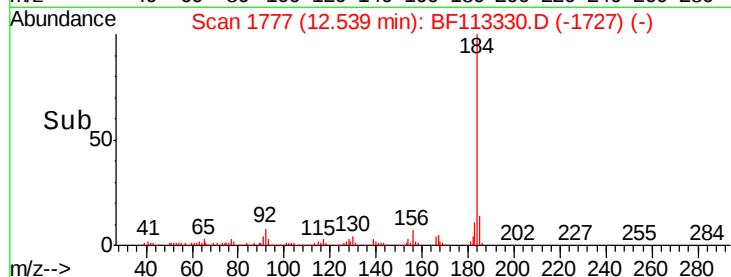
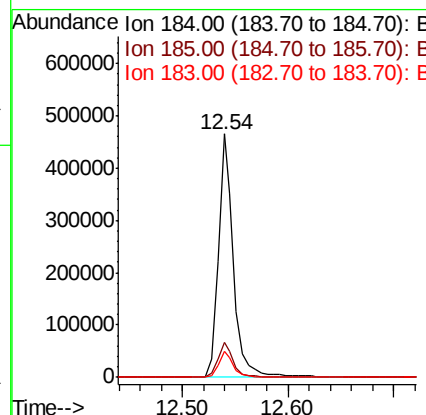
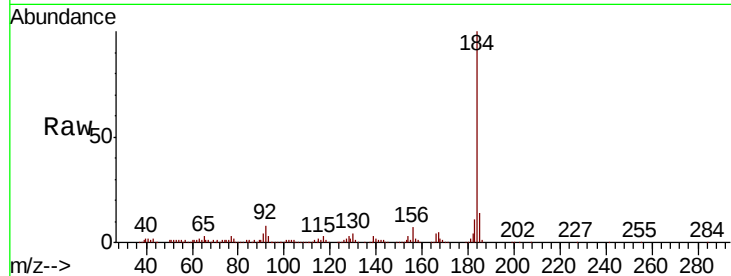
ClientSampleId :

TT-001-IDWSO-20190325MSD

Tot Ion:	184	Resp:	469957
Ion Ratio	Lower	Upper	
184	100		
185	14.1	13.0	19.6
183	10.5	9.0	13.4

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM



#78

Pyrene

Concen: 53.556 ng

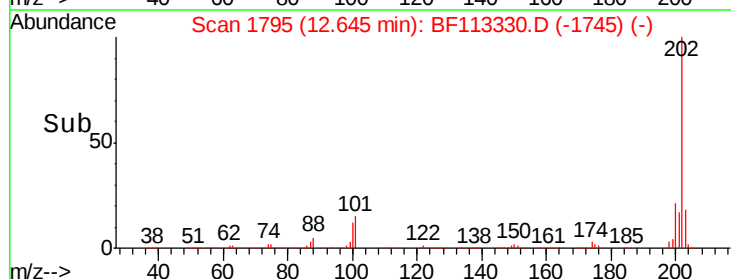
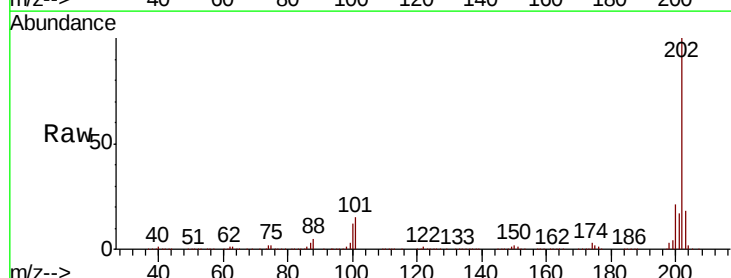
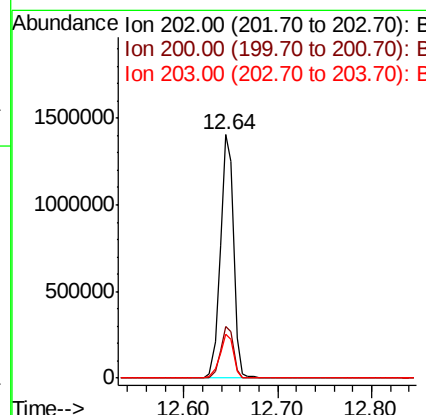
RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF113330.D

Acq: 27 Mar 2019 14:53

Tgt Ion:	202	Resp:	1395491
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.8	25.2
203	18.2	14.4	21.6





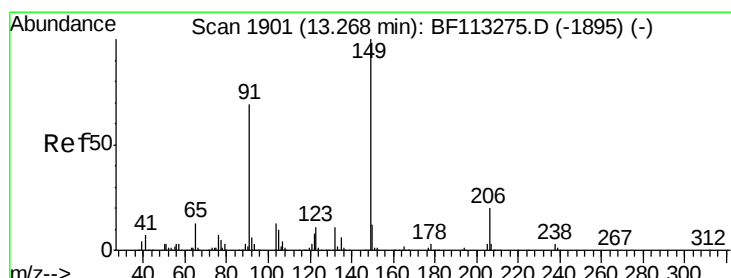
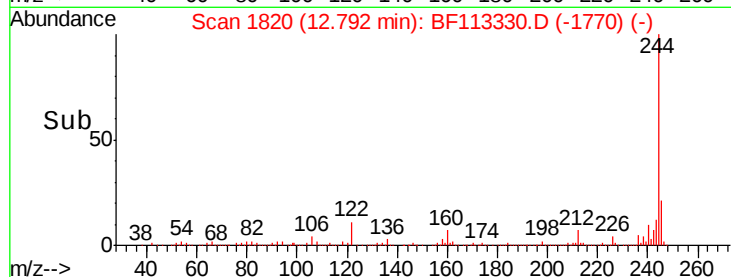
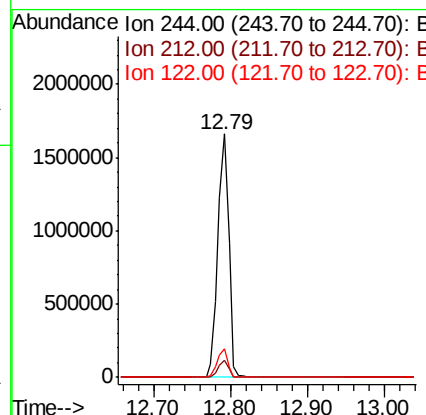
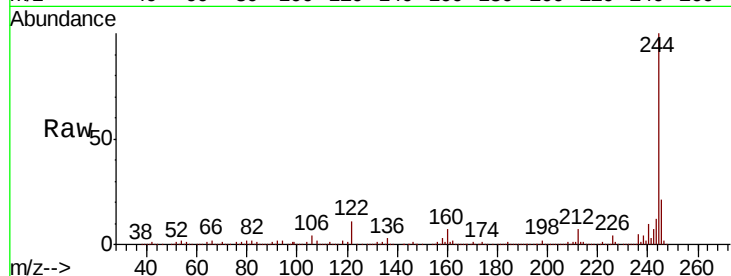
#79
 Terphenyl-d14
 Concen: 93.927 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF113330.D
 Acq: 27 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	11.5	8.6	13.0

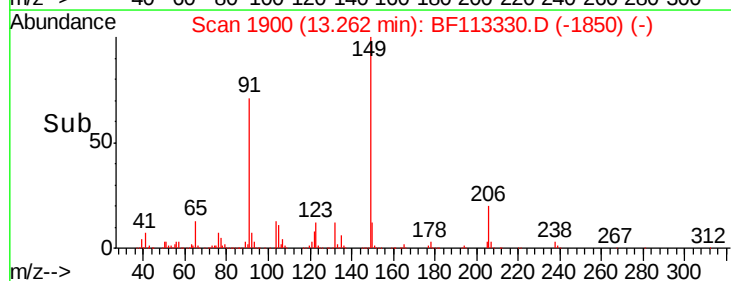
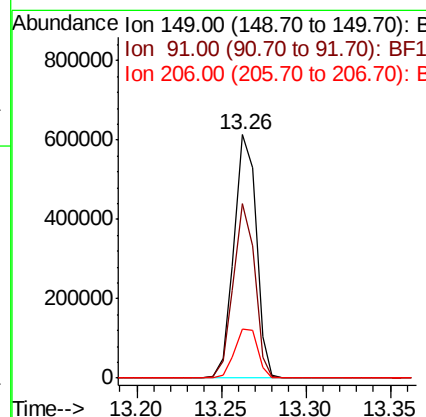
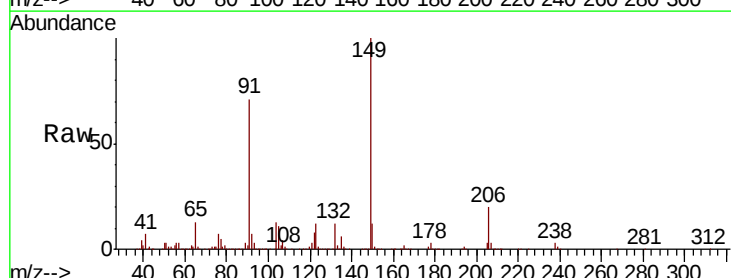
Manual Integrations
 APPROVED

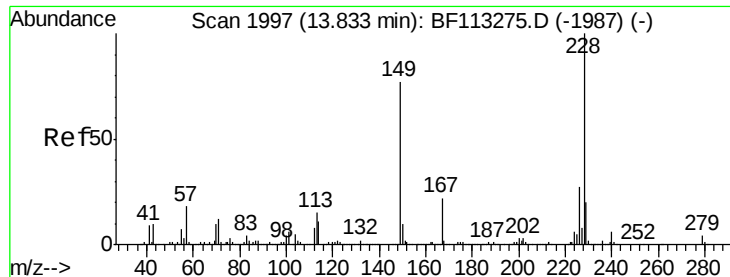
Sohil
 3/28/2019 8:41:48 AM



#80
 Butylbenzylphthalate
 Concen: 49.092 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BF113330.D
 Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.5	55.2	82.8
206	20.3	16.1	24.1





#81

Benzo(a)anthracene

Concen: 44.013 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113330.D

Acq: 27 Mar 2019 14:53

Instrument :

BNA_F

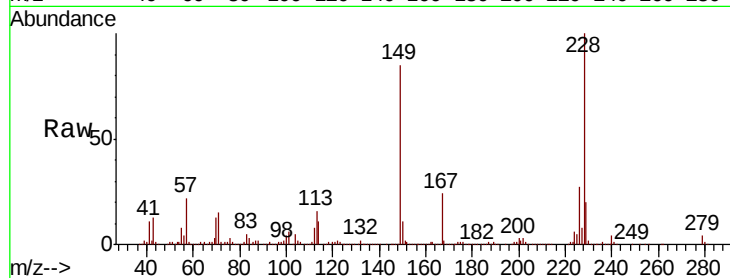
ClientSampleId :

TT-001-IDWSO-20190325MSD

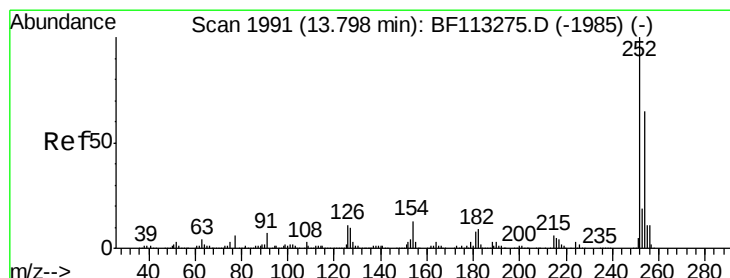
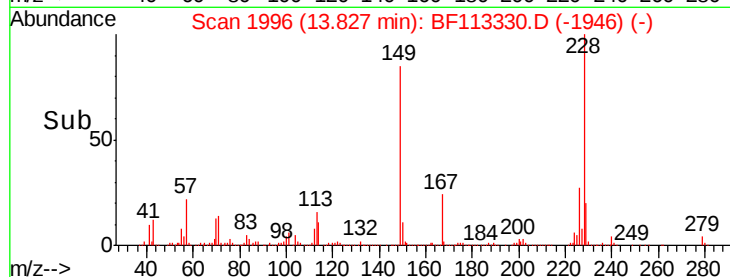
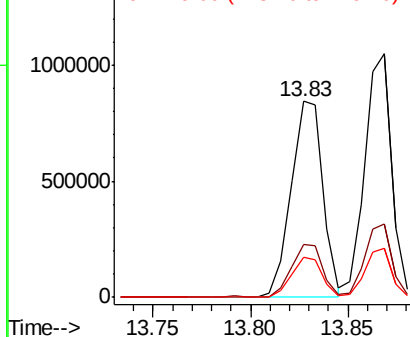
Tot Ion:	228	Resp:	947333
Ion Ratio	Lower	Upper	
228	100		
226	27.2	21.8	32.8
229	20.2	16.2	24.4

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.749 ng

RT: 13.79 min Scan# 1990

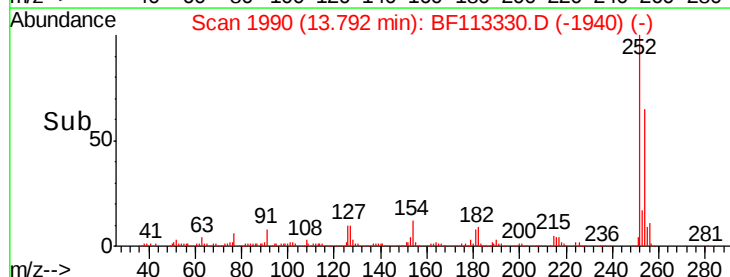
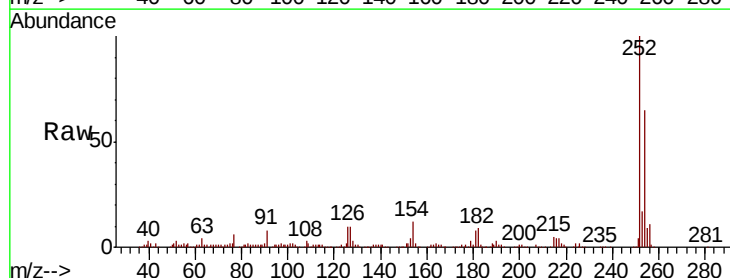
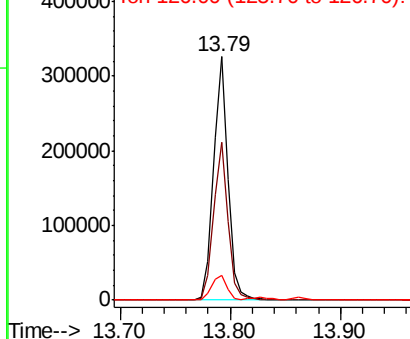
Delta R.T. -0.01 min

Lab File: BF113330.D

Acq: 27 Mar 2019 14:53

Tgt Ion:	252	Resp:	291409
Ion Ratio	Lower	Upper	
252	100		
254	64.8	52.2	78.2
126	10.0	8.5	12.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





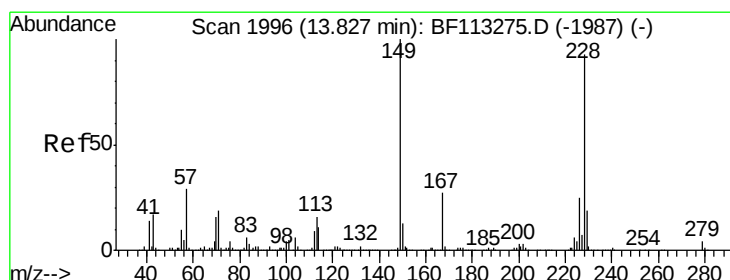
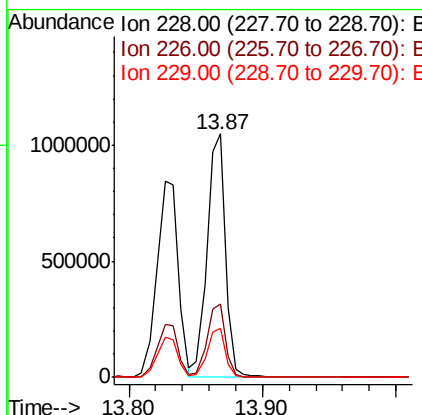
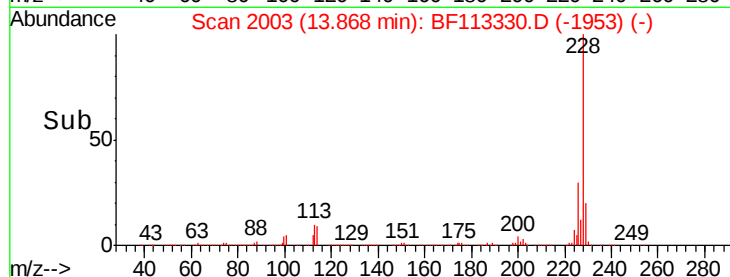
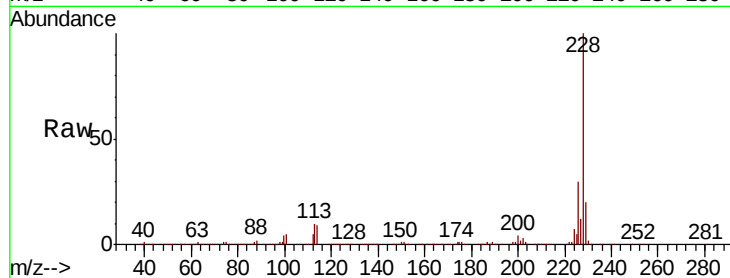
#83
Chrysene
Concen: 45.898 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion:228 Resp: 1003420
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 20.0 16.3 24.5

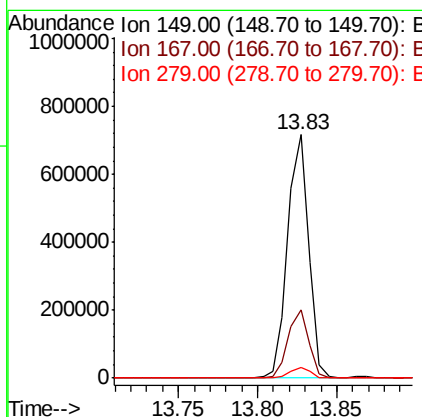
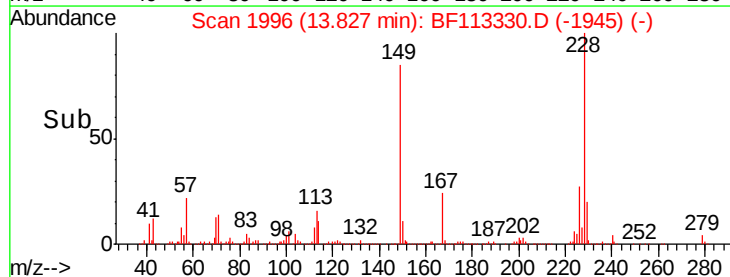
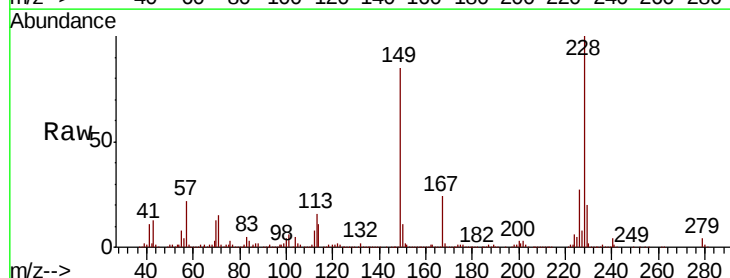
Manual Integrations
APPROVED

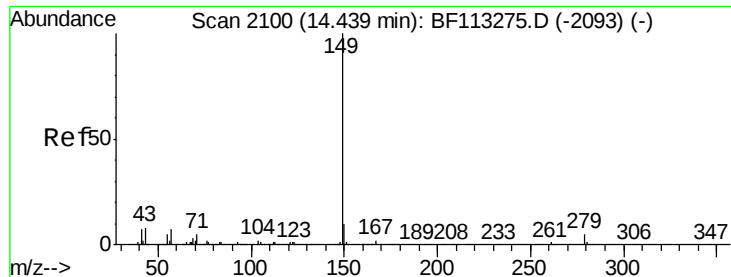
Sohil
3/28/2019 8:41:48 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.847 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion:149 Resp: 659486
Ion Ratio Lower Upper
149 100
167 28.1 21.8 32.8
279 4.3 2.9 4.3





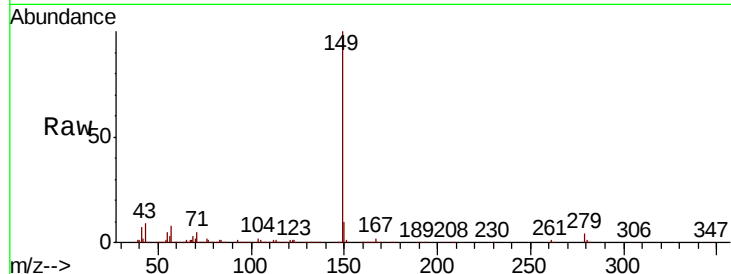
#85
Di-n-octyl phthalate
Concen: 45.145 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

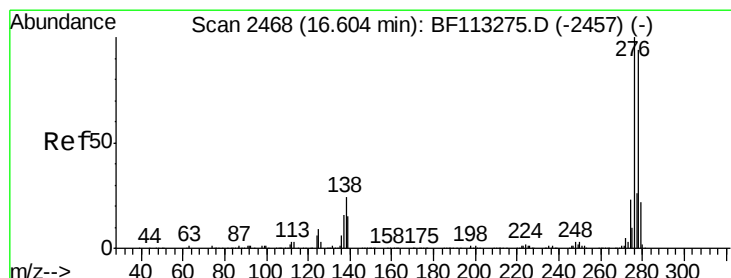
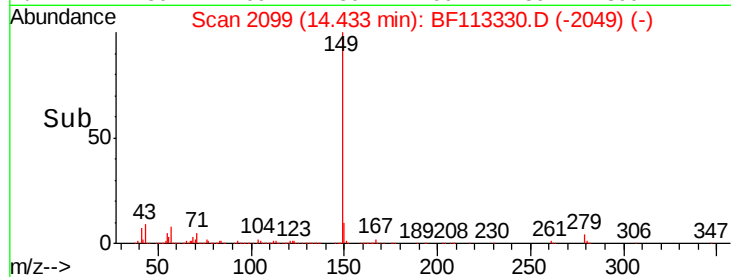
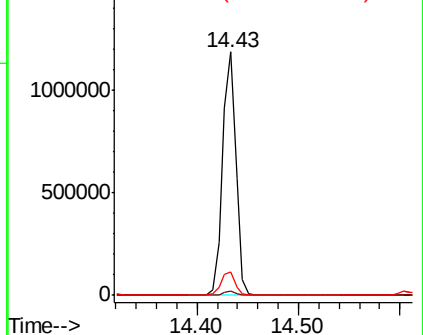
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.6	7.7	11.5

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM



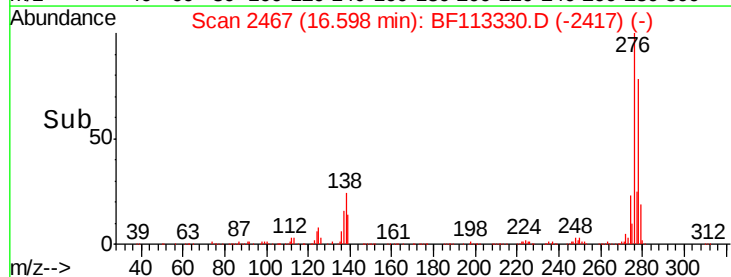
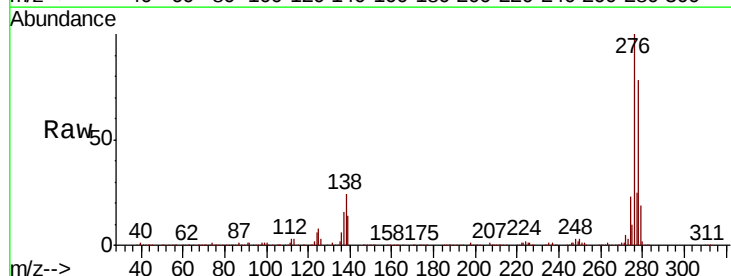
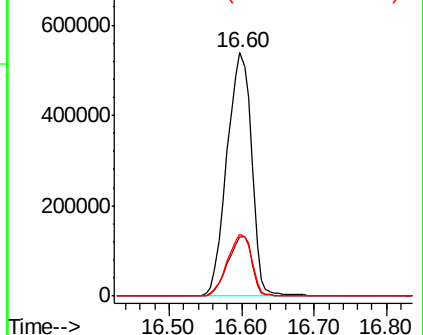
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

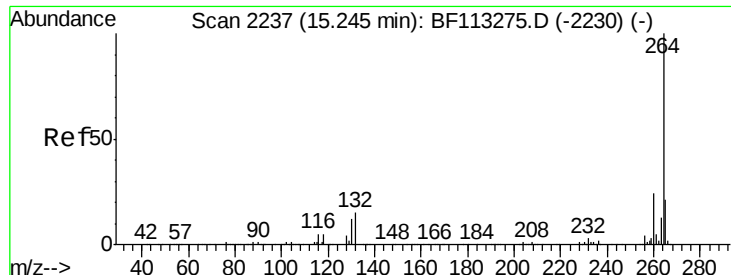


#86
Indeno(1,2,3-cd)pyrene
Concen: 68.306 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	18.1	27.1
277	25.2	20.2	30.4

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





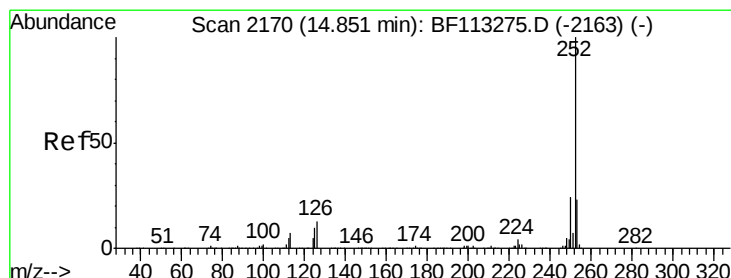
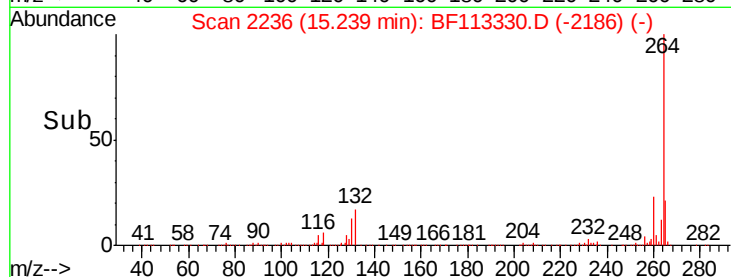
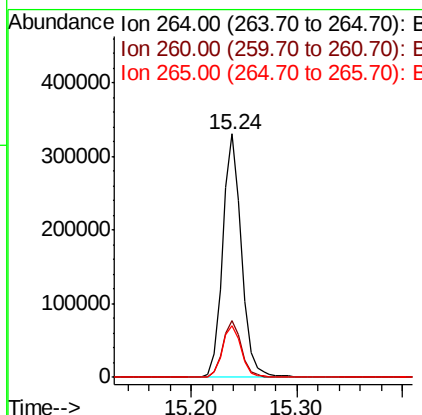
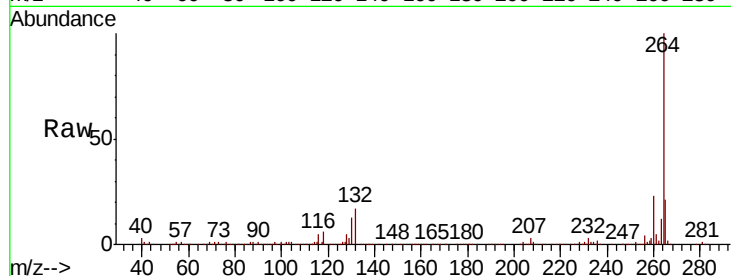
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113330.D
 Acq: 27 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	21.4	17.1	25.7

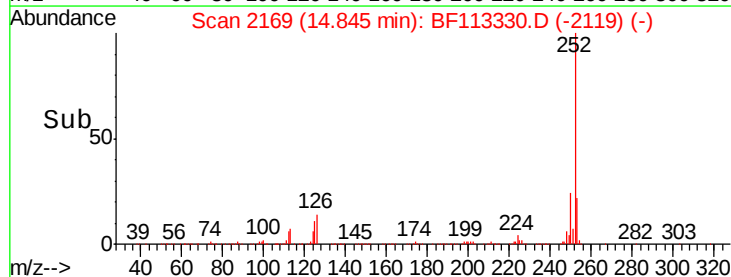
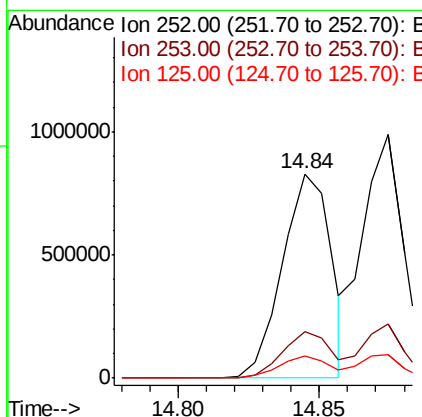
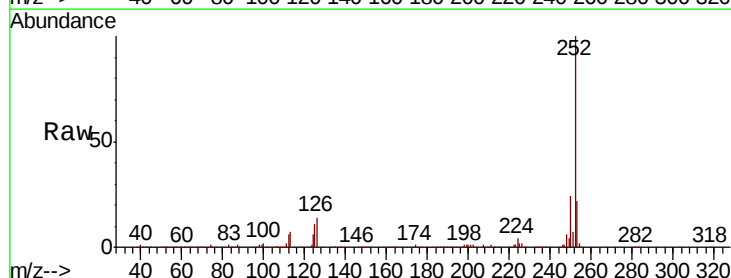
Manual Integrations
 APPROVED

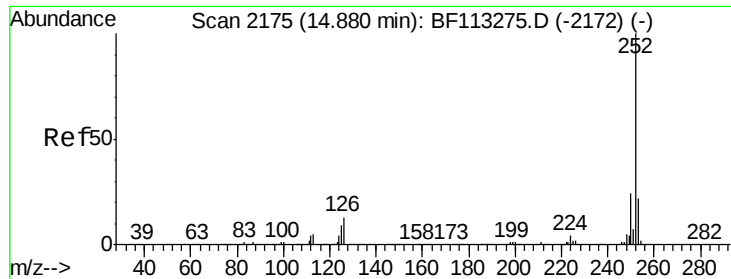
Sohil
 3/28/2019 8:41:48 AM



#88
 Benzo(b)fluoranthene
 Concen: 39.258 ng
 RT: 14.84 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BF113330.D
 Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.6	7.6	11.4





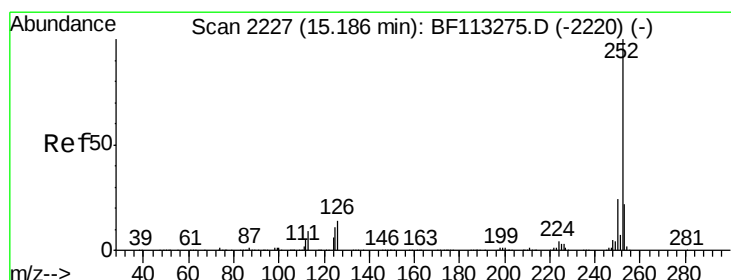
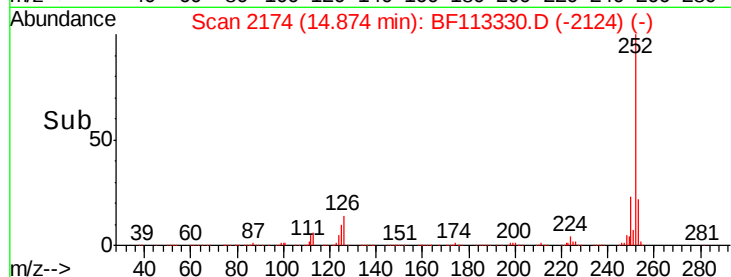
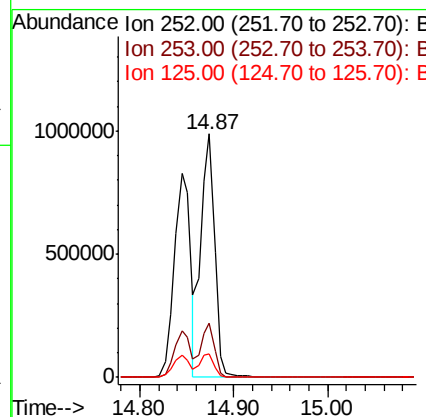
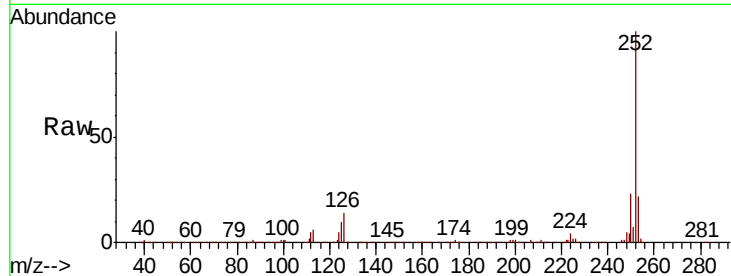
#89
Benzo(k)fluoranthene
Concen: 45.096 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.6	7.3	10.9

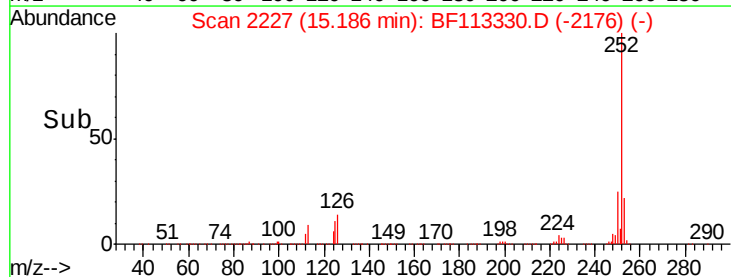
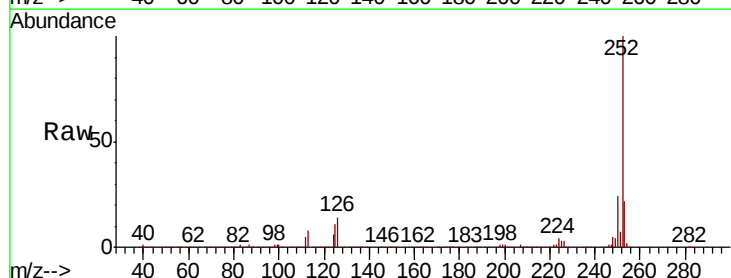
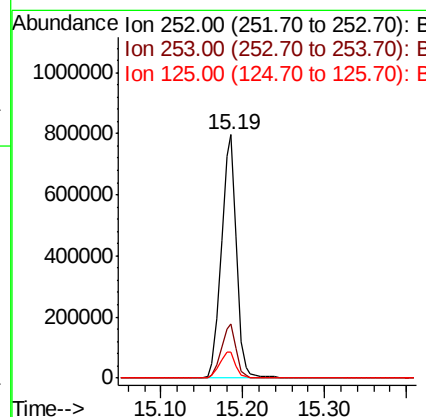
Manual Integrations
APPROVED

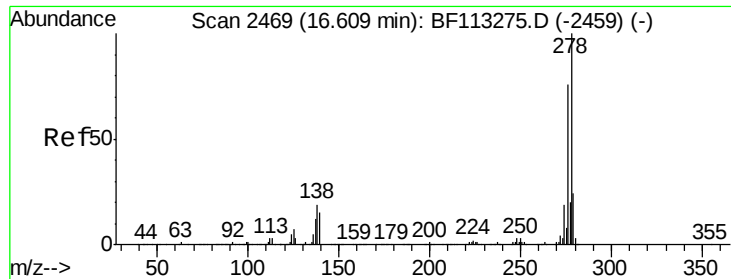
Sohil
3/28/2019 8:41:48 AM



#90
Benzo(a)pyrene
Concen: 45.259 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.8	8.8	13.2





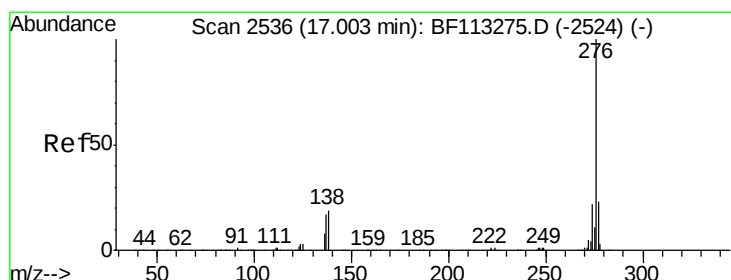
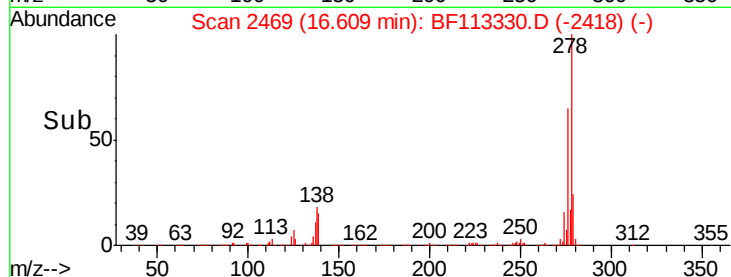
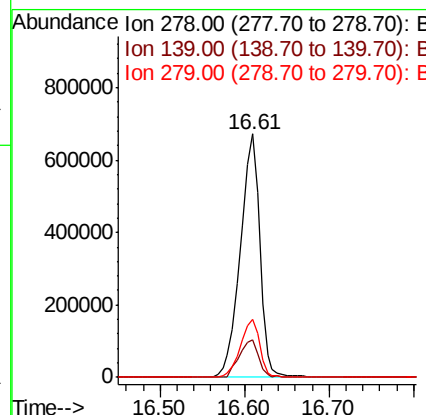
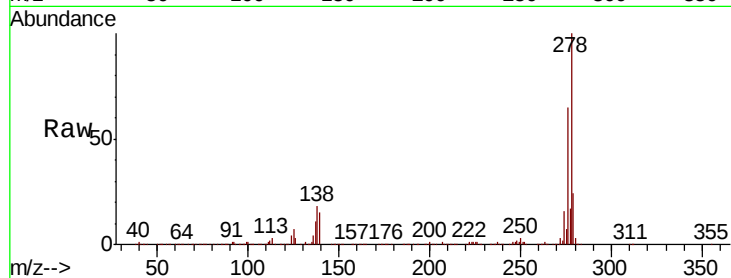
#91
Dibenzo(a,h)anthracene
Concen: 54.626 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MSD

Tot Ion:278 Resp: 1063560
Ion Ratio Lower Upper
278 100
139 15.2 12.0 18.0
279 24.0 19.0 28.6

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:48 AM



#92
Benzo(g,h,i)perylene
Concen: 55.960 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.00 min
Lab File: BF113330.D
Acq: 27 Mar 2019 14:53

Tgt Ion:276 Resp: 1098558
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 20.6 15.6 23.4

