

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113536.D
 Acq On : 3 Apr 2019 7:16
 Operator : JU/SJ
 Sample : K2056-05MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

Manual Integrations
 APPROVED

Sohil
 4/3/2019 12:42:55 PM

Quant Time: Apr 03 08:28:24 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	6.69	152	135102	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	477927	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	199433	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	333996	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	327380	20.00	ng	-0.01
87) Perylene-d12	15.24	264	261725	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	832584	100.77	ng	0.00
7) Phenol-d6	6.35	99	962630	92.10	ng	0.00
23) Nitrobenzene-d5	7.26	82	696504	86.50	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	274052	111.25	ng	-0.01
45) 2-Fluorobiphenyl	9.05	172	1214090	98.14	ng	-0.01
79) Terphenyl-d14	12.78	244	1178091	79.32	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	120115	28.652	ng	# 83
3) Pyridine	3.17	79	229892	22.245	ng	96
4) n-Nitrosodimethylamine	3.07	42	145072	31.577	ng	92
6) Aniline	6.36	93	123700	9.718	ng	# 24
8) 2-Chlorophenol	6.49	128	340198	35.456	ng	96
9) Benzaldehyde	6.25	77	171844	24.500	ng	98
10) Phenol	6.36	94	337271	28.264	ng	# 74
11) bis(2-Chloroethyl)ether	6.43	93	336041	36.737	ng	100
12) 1,3-Dichlorobenzene	6.63	146	307883	29.768	ng	98
13) 1,4-Dichlorobenzene	6.71	146	317003	31.744	ng	100
14) 1,2-Dichlorobenzene	6.86	146	297458	30.277	ng	99
15) Benzyl Alcohol	6.85	79	260344	37.755	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.97	45	509217	37.057	ng	82
17) 2-Methylphenol	6.97	107	262008	34.844	ng	# 93
18) Hexachloroethane	7.20	117	95063	26.504	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	237518	36.176	ng	99
20) 3+4-Methylphenols	7.12	107	337200	37.852	ng	92
22) Acetophenone	7.10	105	468098	42.947	ng	97
24) Nitrobenzene	7.28	77	349507	41.595	ng	99
25) Isophorone	7.52	82	635260	40.709	ng	100
26) 2-Nitrophenol	7.60	139	168073	37.842	ng	90
27) 2,4-Dimethylphenol	7.65	122	300540	47.041	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	414258	42.156	ng	99
29) 2,4-Dichlorophenol	7.85	162	284277	41.060	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	290522	38.893	ng	98
31) Naphthalene	8.00	128	916871	39.258	ng	99
32) Benzoic acid	7.76	122	43531	8.465	ng	94
33) 4-Chloroaniline	8.05	127	53055	5.826	ng	99
34) Hexachlorobutadiene	8.12	225	164583	37.071	ng	100
35) Caprolactam	8.41	113	55668	25.053	ng	95
36) 4-Chloro-3-methylphenol	8.55	107	266412	38.257	ng	98
37) 2-Methylnaphthalene	8.69	142	611826	41.984	ng	99
38) 1-Methylnaphthalene	8.79	142	573672	40.927	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	292479	45.687	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113536.D
 Acq On : 3 Apr 2019 7:16
 Operator : JU/SJ
 Sample : K2056-05MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

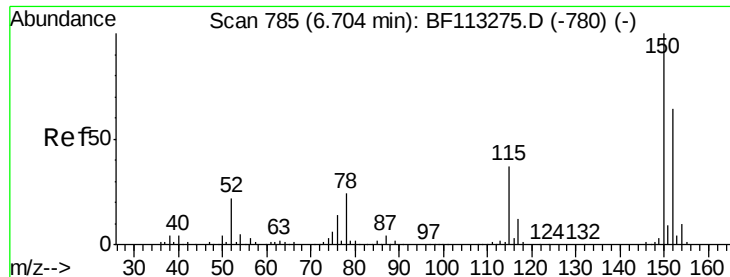
Manual Integrations
 APPROVED

Sohil
 4/3/2019 12:42:55 PM

Quant Time: Apr 03 08:28:24 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	8.84	237	14451	5.333	ng	98
43) 2,4,6-Trichlorophenol	8.97	196	182067	43.674	ng	98
44) 2,4,5-Trichlorophenol	9.02	196	189544	41.084	ng	98
46) 1,1'-Biphenyl	9.15	154	753405	45.232	ng	99
47) 2-Chloronaphthalene	9.17	162	550277	42.908	ng	97
48) 2-Nitroaniline	9.27	65	176010	43.733	ng	96
49) Acenaphthylene	9.59	152	859569	41.452	ng	99
50) Dimethylphthalate	9.45	163	663201	44.873	ng	99
51) 2,6-Dinitrotoluene	9.52	165	134489	40.336	ng #	86
52) Acenaphthene	9.76	154	496886	42.550	ng	100
53) 3-Nitroaniline	9.68	138	84949	22.592	ng	98
54) 2,4-Dinitrophenol	9.82	184	4376	2.639	ng	93
55) Dibenzofuran	9.93	168	731192	41.650	ng	98
56) 4-Nitrophenol	9.86	139	123749	46.163	ng	96
57) 2,4-Dinitrotoluene	9.92	165	151557	35.743	ng	96
58) Fluorene	10.27	166	545141	39.972	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	146374	37.518	ng	98
60) Diethylphthalate	10.15	149	630618	43.495	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	283856	42.705	ng	92
62) 4-Nitroaniline	10.29	138	143987	37.193	ng	97
63) Azobenzene	10.42	77	535600	39.244	ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	5472	2.995	ng	82
66) n-Nitrosodiphenylamine	10.38	169	496322	48.428	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	170712	46.895	ng	99
68) Hexachlorobenzene	10.82	284	185652	43.937	ng #	95
69) Atrazine	10.91	200	146894	45.409	ng	99
70) Pentachlorophenol	11.02	266	89481	40.646	ng	98
71) Phenanthrene	11.23	178	740926	44.671	ng	98
72) Anthracene	11.28	178	768575	45.620	ng	99
73) Carbazole	11.43	167	713366	44.375	ng	99
74) Di-n-butylphthalate	11.77	149	865255	46.413	ng	99
75) Fluoranthene	12.41	202	846224	45.131	ng	100
77) Benzidine	12.53	184	398946	31.822	ng	96
78) Pyrene	12.64	202	866836	38.210	ng	99
80) Butylbenzylphthalate	13.26	149	380838	38.091	ng	97
81) Benzo(a)anthracene	13.83	228	779958	41.620	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	184980	24.605	ng	99
83) Chrysene	13.86	228	792914	41.657	ng	100
84) Bis(2-ethylhexyl)phthalate	13.82	149	507353	41.394	ng	99
85) Di-n-octyl phthalate	14.43	149	958189	46.056	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	582899	35.682	ng	98
88) Benzo(b)fluoranthene	14.84	252	720488	44.315	ng	99
89) Benzo(k)fluoranthene	14.87	252	663019m	46.437	ng	
90) Benzo(a)pyrene	15.18	252	624482	43.326	ng	99
91) Dibenzo(a,h)anthracene	16.60	278	506932	40.675	ng	99
92) Benzo(g,h,i)perylene	17.00	276	481954	38.353	ng	100

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



#1

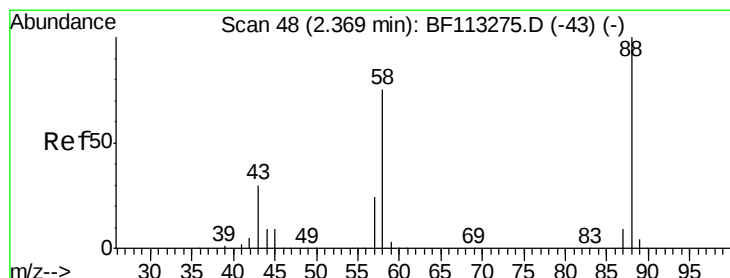
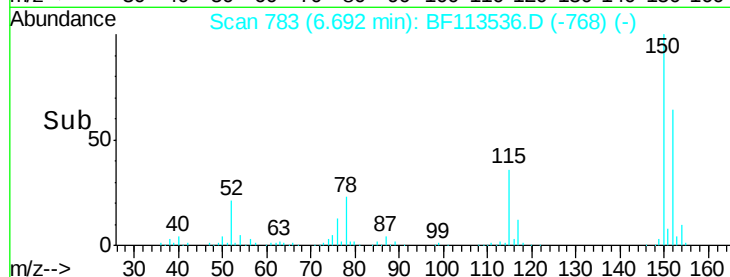
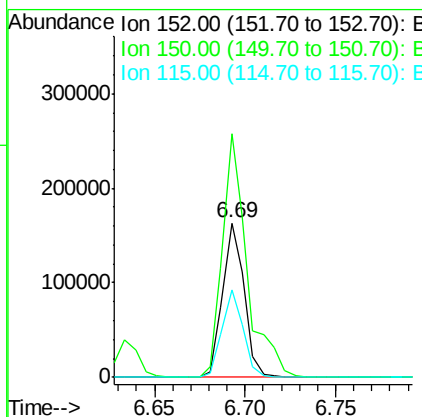
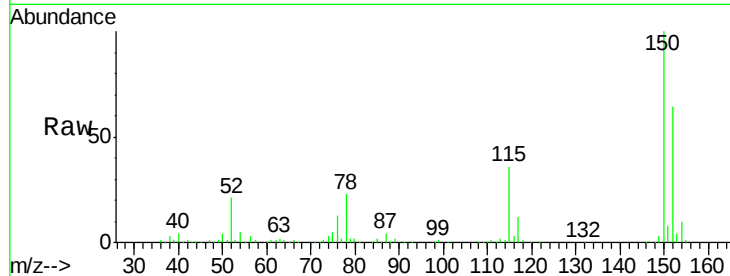
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.7	187.1
115	56.4	46.0	69.0

Manual Integrations
APPROVED

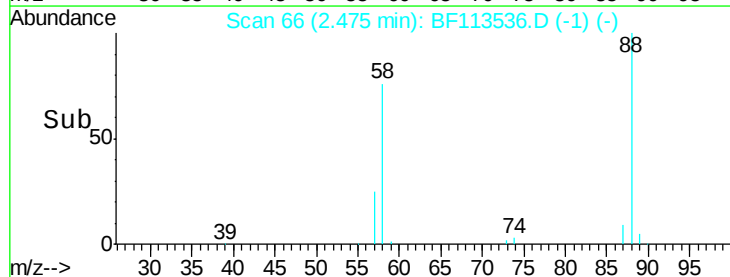
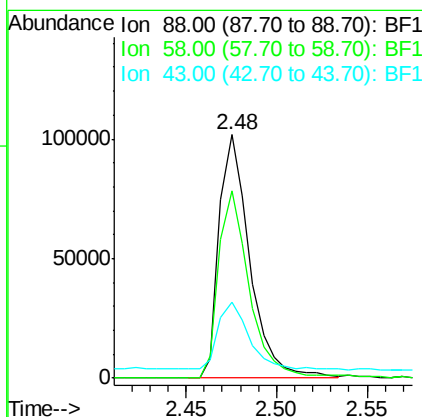
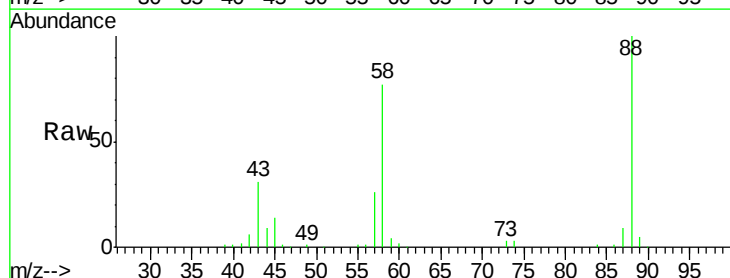
Sohil
4/3/2019 12:42:55 PM

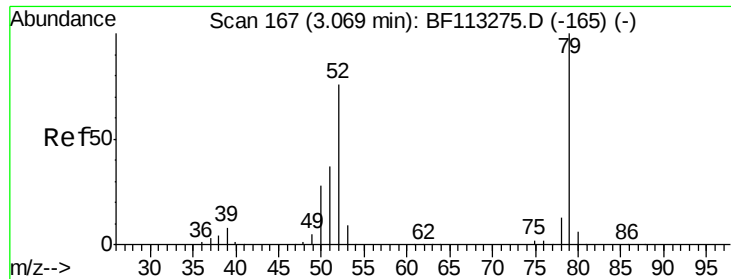


#2

1,4-Dioxane
Concen: 28.652 ng
RT: 2.48 min Scan# 66
Delta R.T. 0.11 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.7	61.9	92.9
43	0.0	24.2	36.4





#3

Pyridine

Concen: 22.245 ng

RT: 3.17 min Scan# 185

Delta R.T. 0.11 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

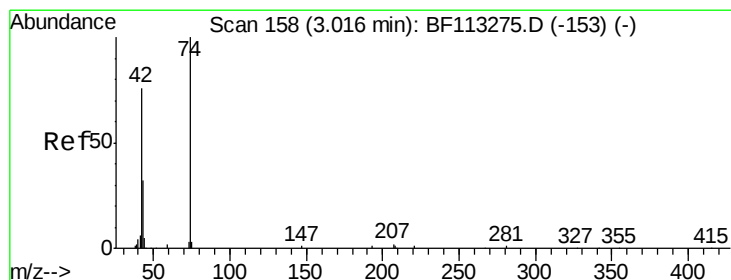
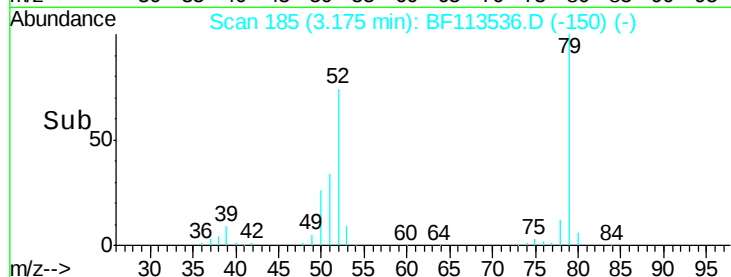
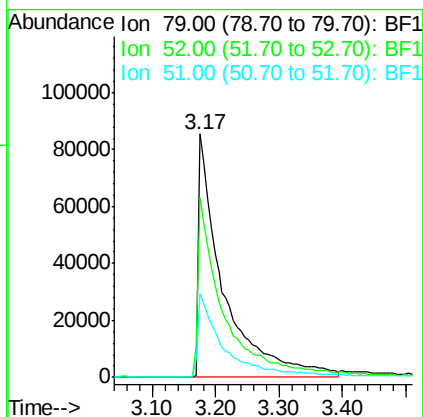
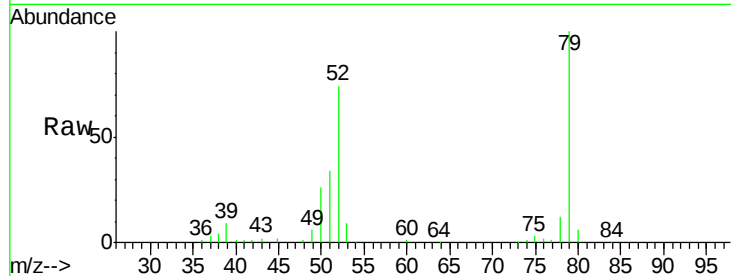
ClientSampleId :

CS-7MSD

Tgt Ion:	79	Resp:	229892
Ion Ratio	Lower	Upper	
79	100		
52	73.6	61.0	91.4
51	34.4	30.6	45.8

Manual Integrations
APPROVED

Sohil
4/3/2019 12:42:55 PM



#4

n-Nitrosodimethylamine

Concen: 31.577 ng

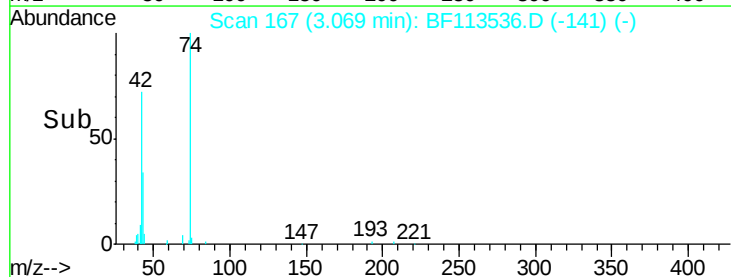
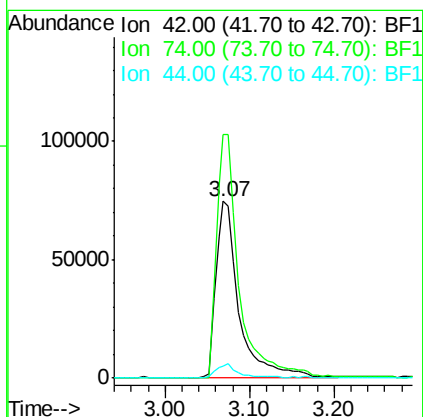
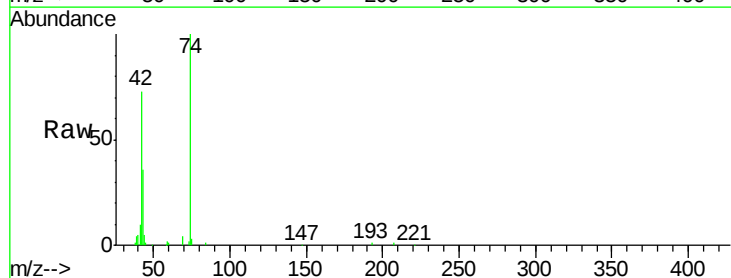
RT: 3.07 min Scan# 167

Delta R.T. 0.05 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Tgt Ion:	42	Resp:	145072
Ion Ratio	Lower	Upper	
42	100		
74	137.5	102.4	153.6
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 100.766 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

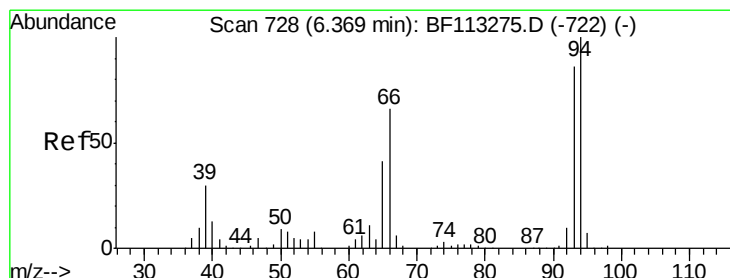
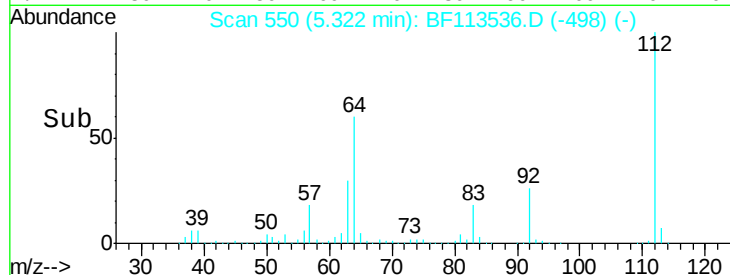
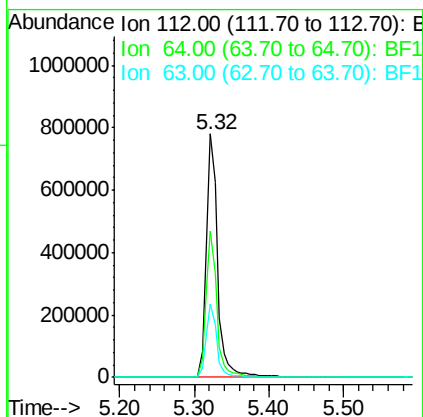
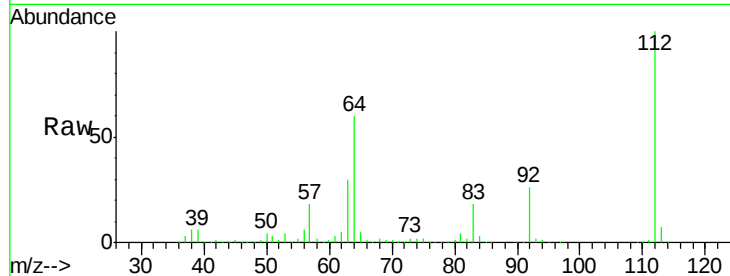
ClientSampleID :

CS-7MSD

Tgt Ion:	112	Resp:	832584
Ion Ratio	Lower	Upper	
112	100		
64	60.1	49.2	73.8
63	30.1	24.9	37.3

Manual Integrations
APPROVED

Sohil
4/3/2019 12:42:55 PM



#6

Aniline

Concen: 9.718 ng

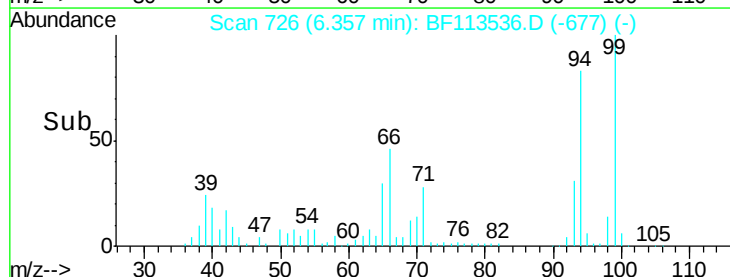
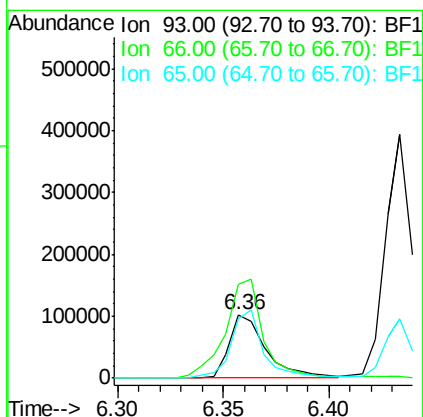
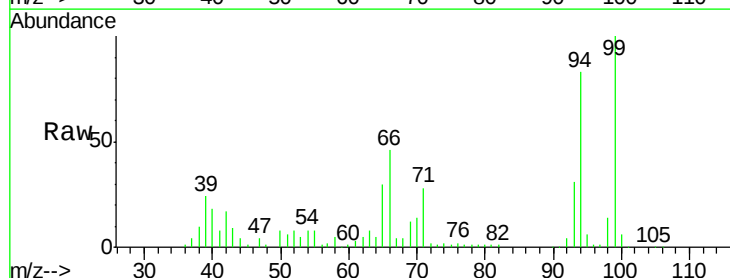
RT: 6.36 min Scan# 726

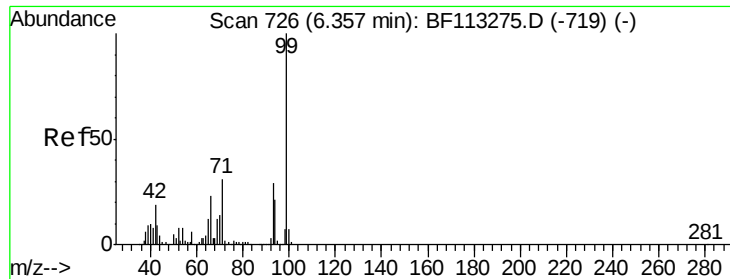
Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Tgt Ion:	93	Resp:	123700
Ion Ratio	Lower	Upper	
93	100		
66	147.8	62.1	93.1#
65	94.5	38.7	58.1#





#7

Phenol-d6

Concen: 92.095 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

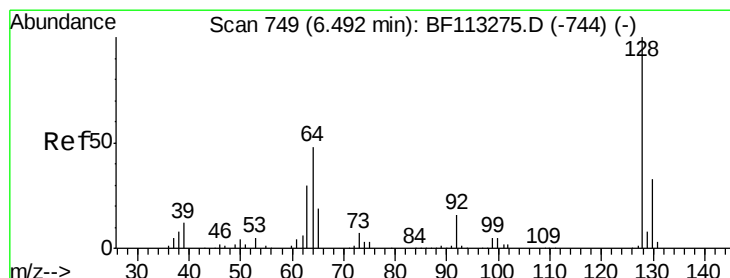
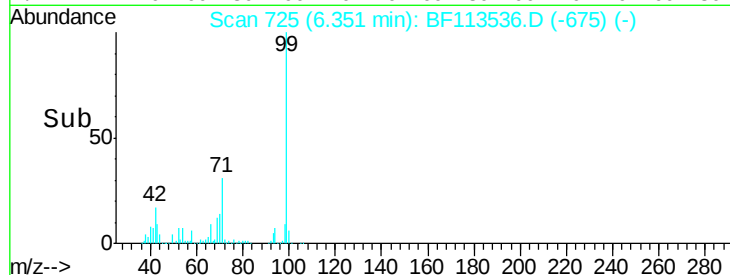
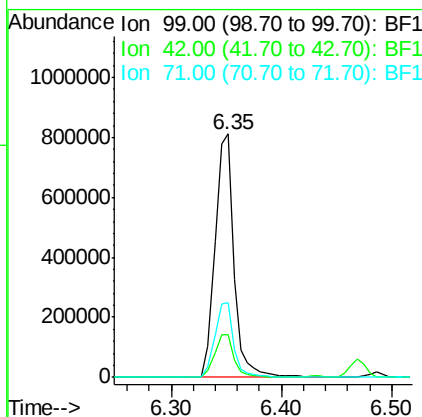
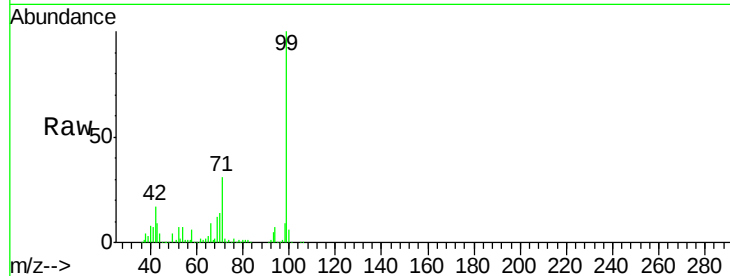
ClientSampled :

CS-7MSD

Tgt Ion:	99	Resp:	962630
Ion Ratio	Lower	Upper	
99	100		
42	17.5	14.8	22.2
71	30.9	24.9	37.3

Manual Integrations
APPROVED

Sohil
4/3/2019 12:42:55 PM



#8

2-Chlorophenol

Concen: 35.456 ng

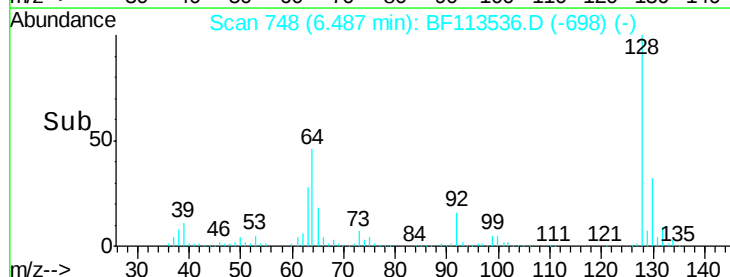
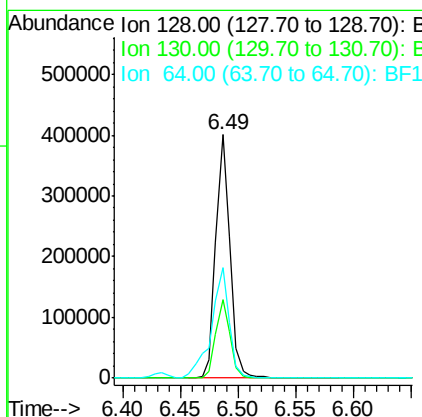
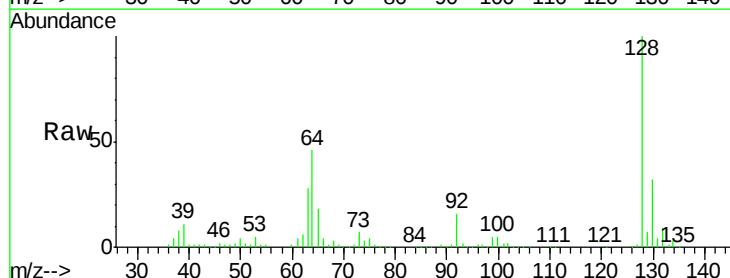
RT: 6.49 min Scan# 748

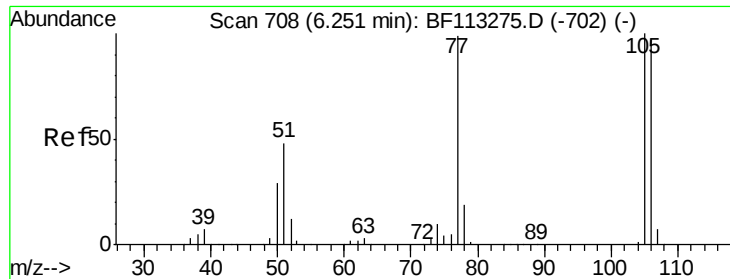
Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Tgt Ion:	128	Resp:	340198
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.6	52.6
64	45.6	29.4	69.4





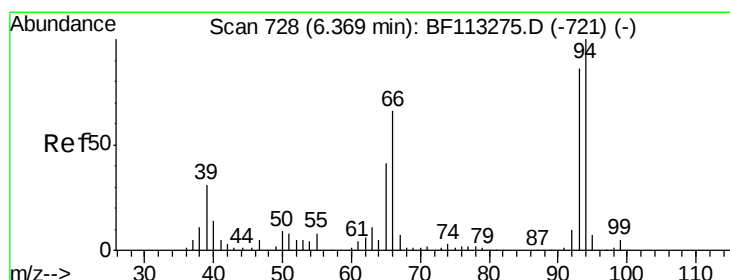
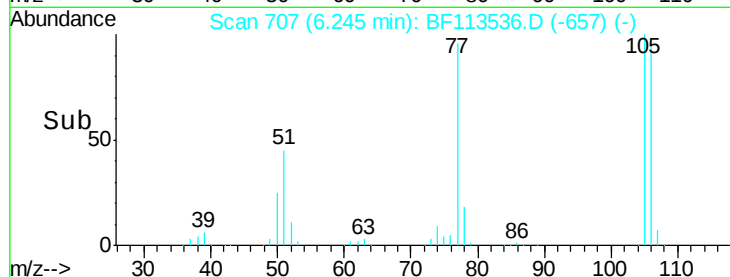
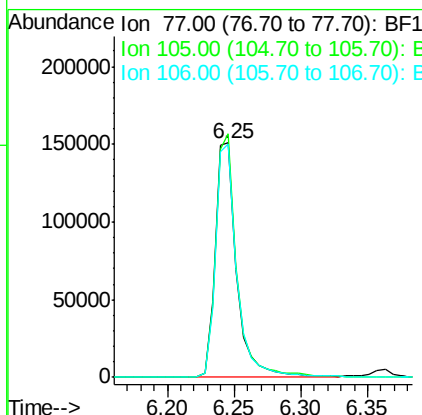
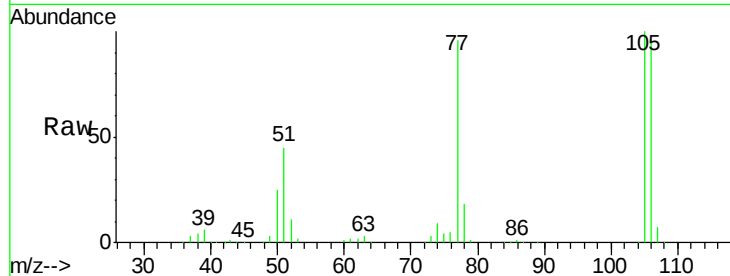
#9
Benzaldehyde
Concen: 24.500 ng
RT: 6.25 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion: 77 Resp: 171844
Ion Ratio Lower Upper
77 100
105 103.9 80.9 120.9
106 99.6 77.8 117.8

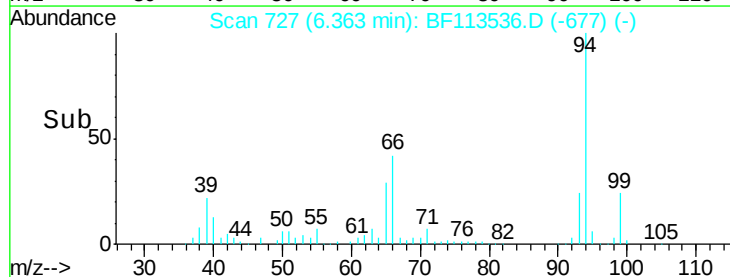
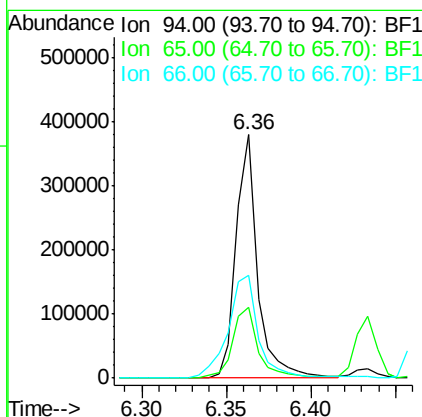
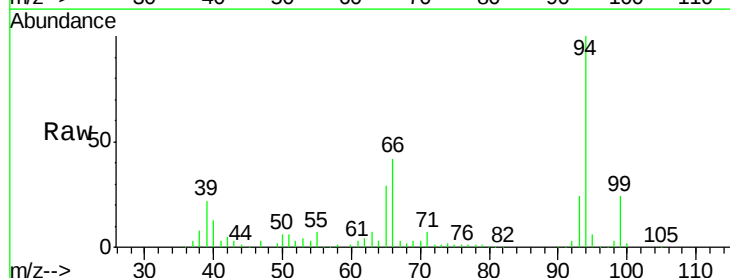
Manual Integrations
APPROVED

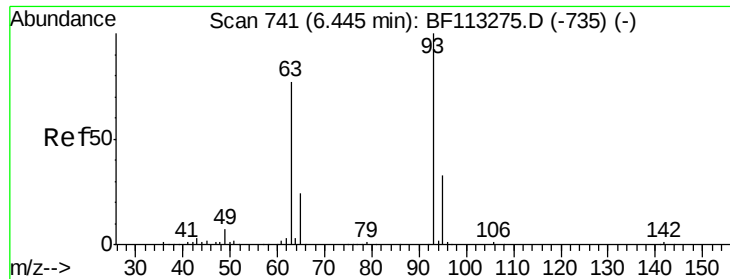
Sohil
4/3/2019 12:42:55 PM



#10
Phenol
Concen: 28.264 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion: 94 Resp: 337271
Ion Ratio Lower Upper
94 100
65 29.1 21.4 61.4
66 42.0 46.4 86.4#





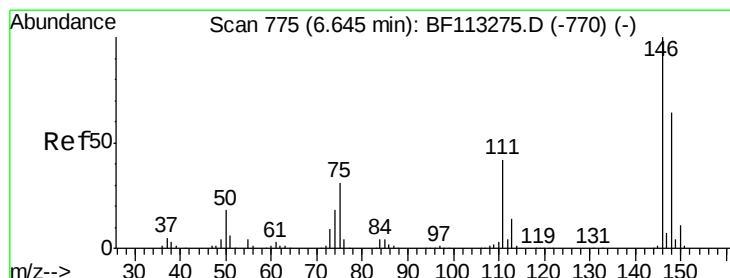
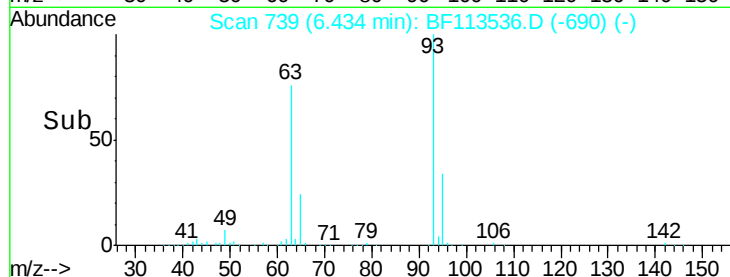
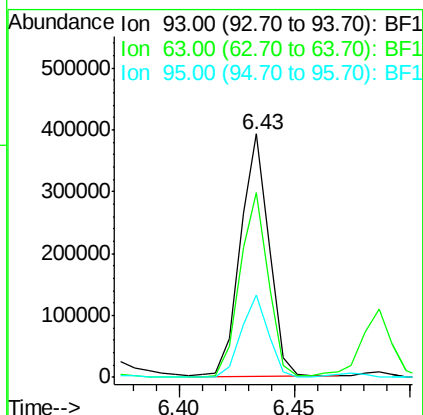
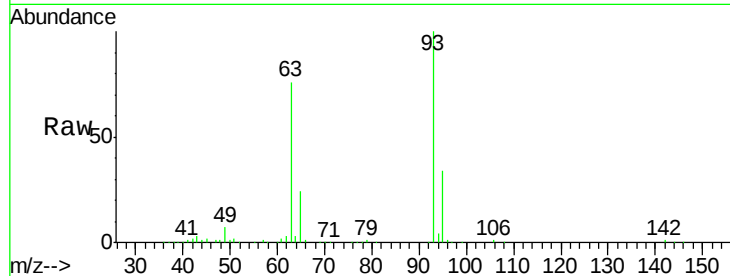
#11
bis(2-Chloroethyl)ether
Concen: 36.737 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion:	93	Resp:	336041
Ion Ratio	Lower	Upper	
93	100		
63	76.1	56.1	96.1
95	33.6	12.8	52.8

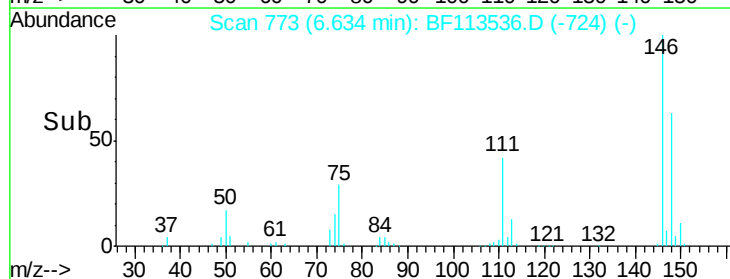
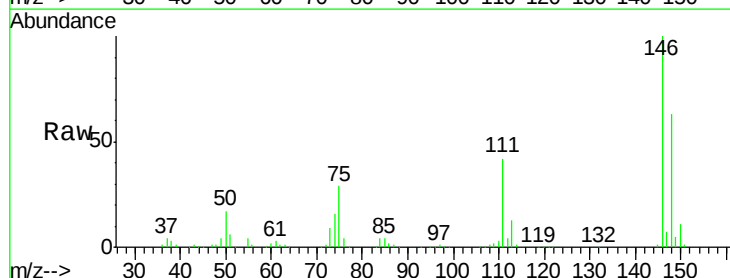
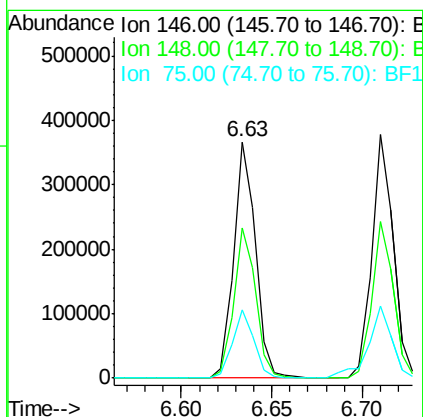
Manual Integrations
APPROVED

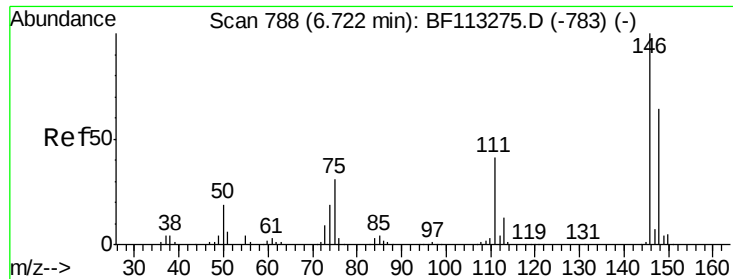
Sohil
4/3/2019 12:42:55 PM



#12
1,3-Dichlorobenzene
Concen: 29.768 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion:	146	Resp:	307883
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.4	77.0
75	28.8	24.8	37.2





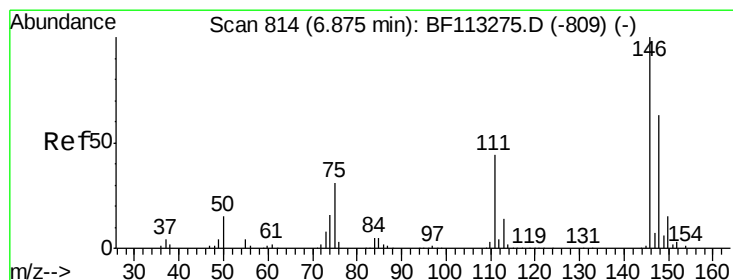
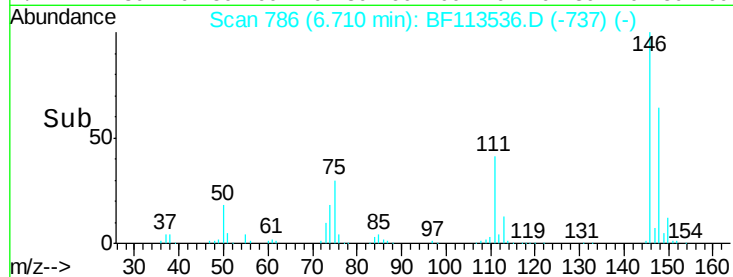
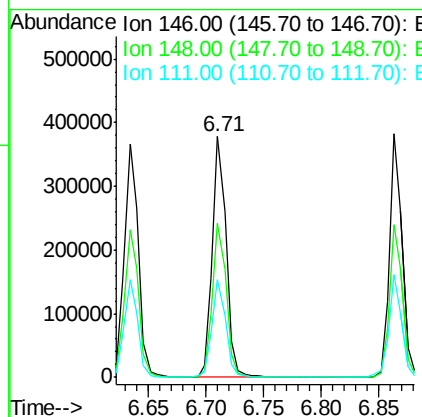
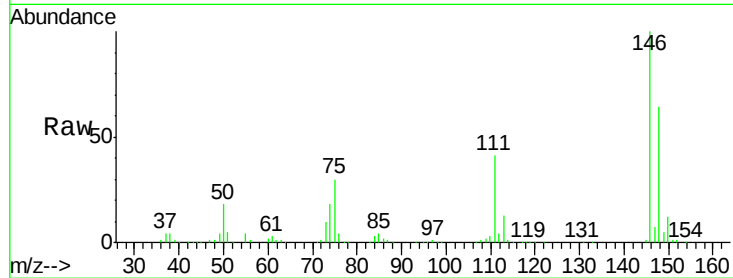
#13
 1,4-Dichlorobenzene
 Concen: 31.744 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Instrument :
 BNA_F
 ClientSampled :
 CS-7MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	40.9	32.8	49.2

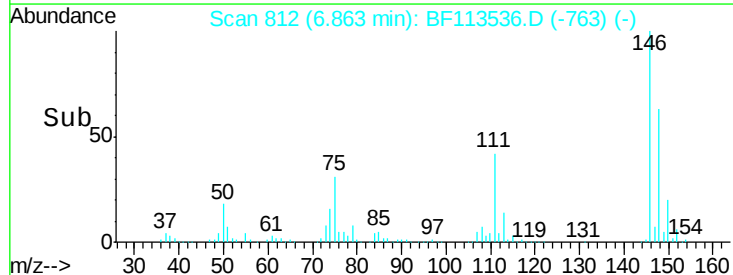
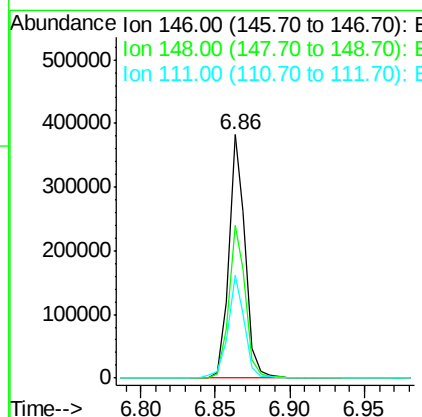
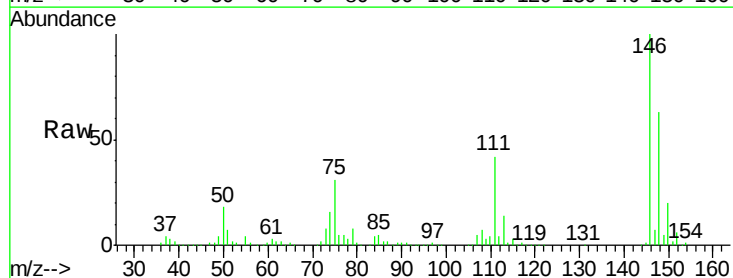
Manual Integrations
 APPROVED

Sohil
 4/3/2019 12:42:55 PM



#14
 1,2-Dichlorobenzene
 Concen: 30.277 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.2	75.4
111	42.3	35.4	53.2





#15

Benzyl Alcohol

Concen: 37.755 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

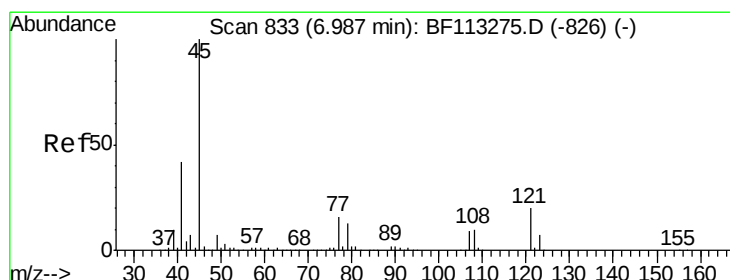
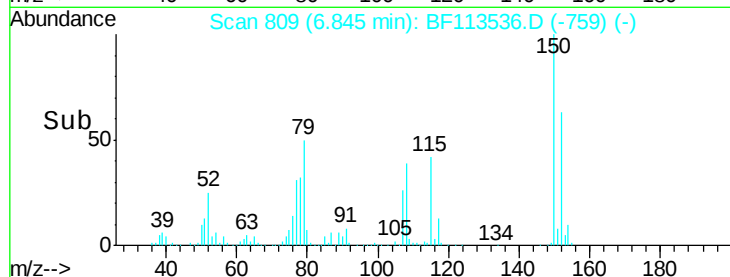
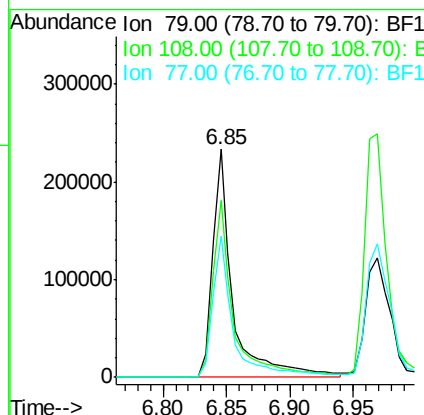
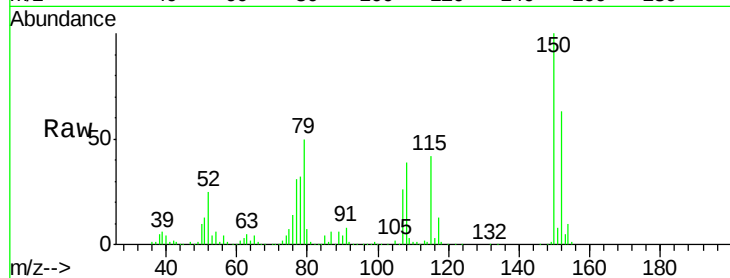
ClientSampleId :

CS-7MSD

Tgt Ion:	79	Resp:	260344
Ion Ratio	Lower	Upper	
79	100		
108	77.7	62.0	93.0
77	62.1	49.9	74.9

Manual Integrations
APPROVED

Sohil
4/3/2019 12:42:55 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.057 ng

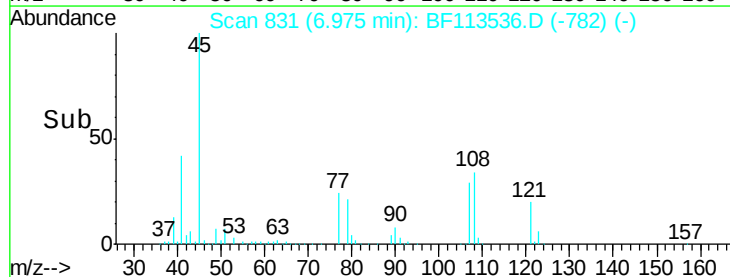
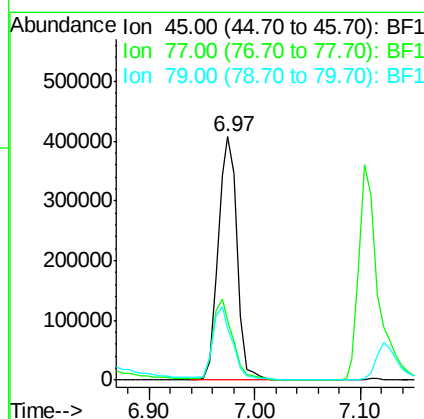
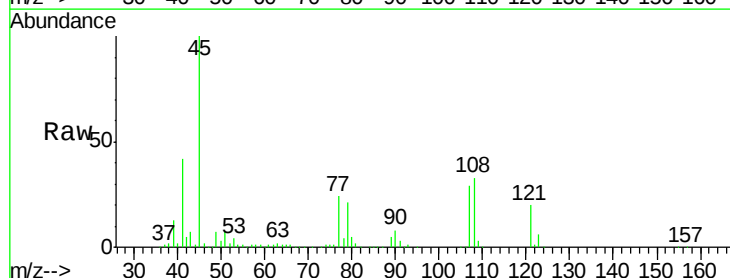
RT: 6.97 min Scan# 831

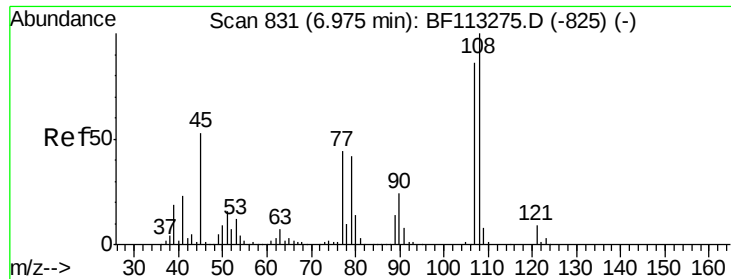
Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Tgt Ion:	45	Resp:	509217
Ion Ratio	Lower	Upper	
45	100		
77	24.3	0.0	36.6
79	21.3	0.0	34.0





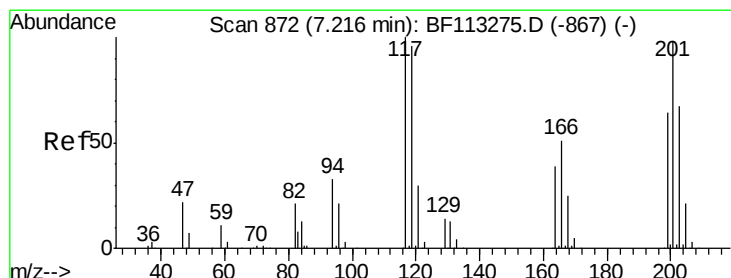
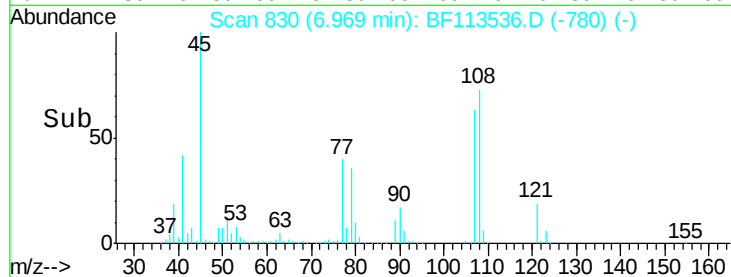
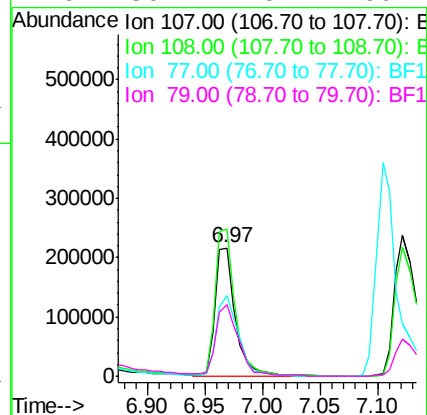
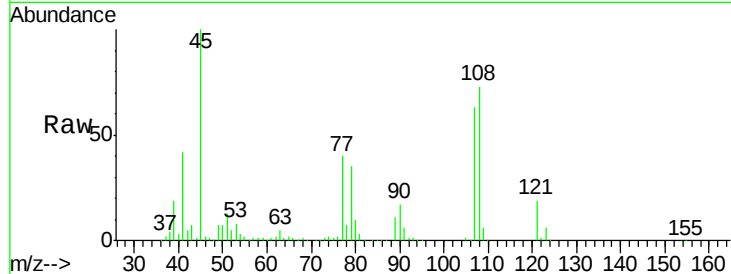
#17
2-Methylphenol
Concen: 34.844 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	114.8	93.4	140.0
77	62.8	41.2	61.8
79	56.2	40.1	60.1

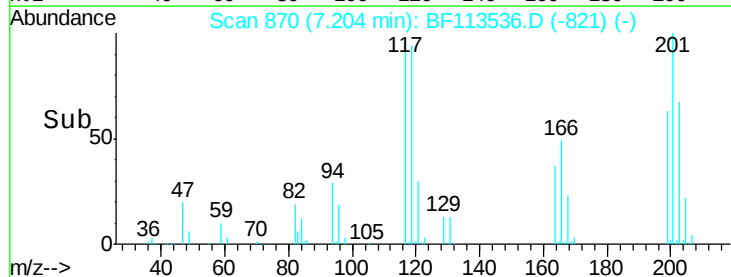
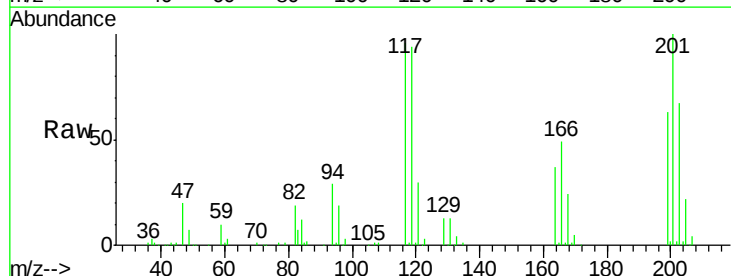
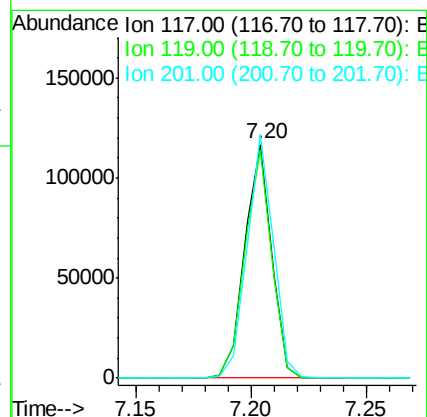
Manual Integrations
APPROVED

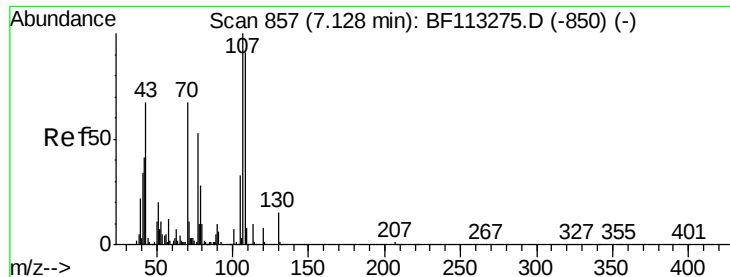
Sohil
4/3/2019 12:42:55 PM



#18
Hexachloroethane
Concen: 26.504 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	97.4	76.9	115.3
201	104.1	78.7	118.1





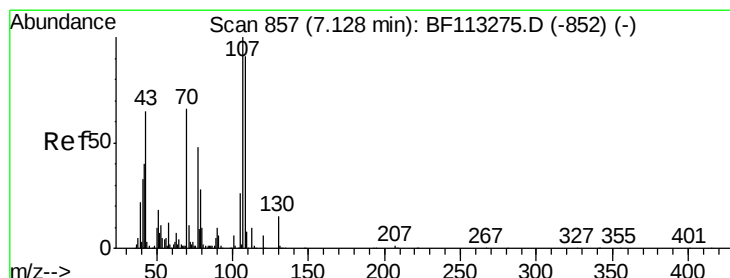
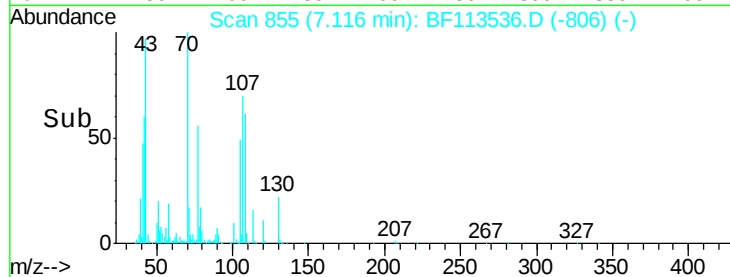
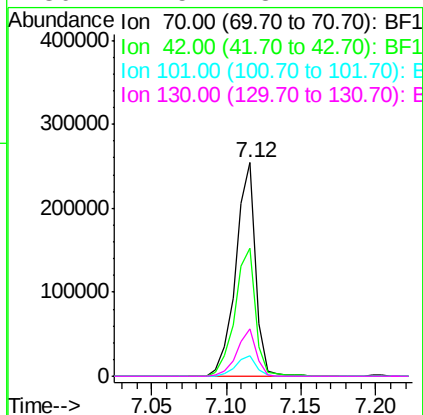
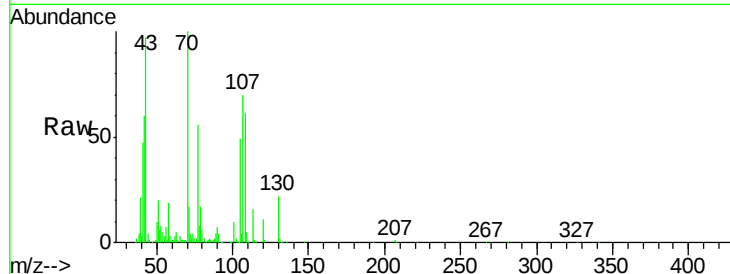
#19
n-Nitroso-di-n-propylamine
Concen: 36.176 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	237518		
42	59.7	48.4	72.6	
101	9.8	7.8	11.8	
130	22.5	18.2	27.4	

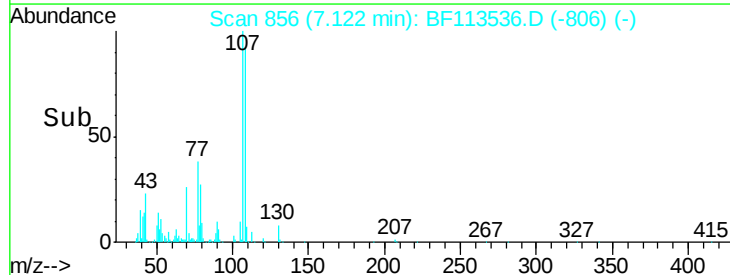
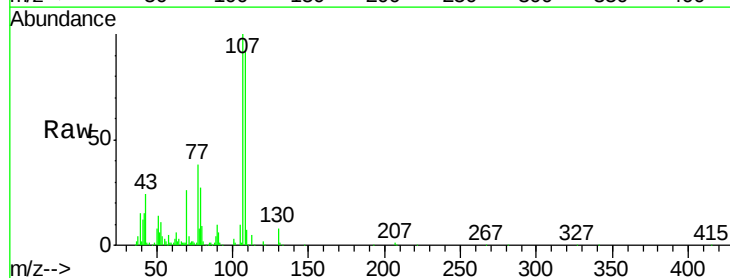
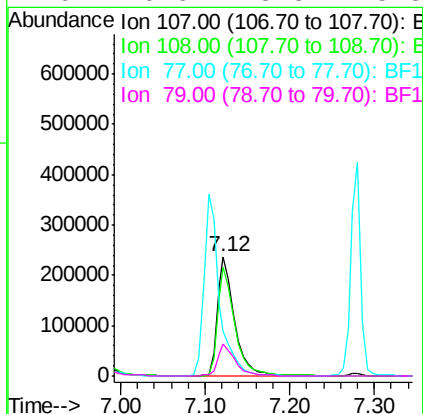
Manual Integrations
APPROVED

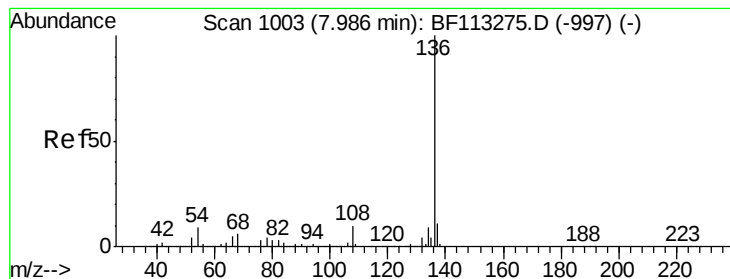
Sohil
4/3/2019 12:42:55 PM



#20
3+4-Methylphenols
Concen: 37.852 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	337200		
108	91.7	71.4	111.4	
77	37.8	33.5	73.5	
79	26.6	8.3	48.3	





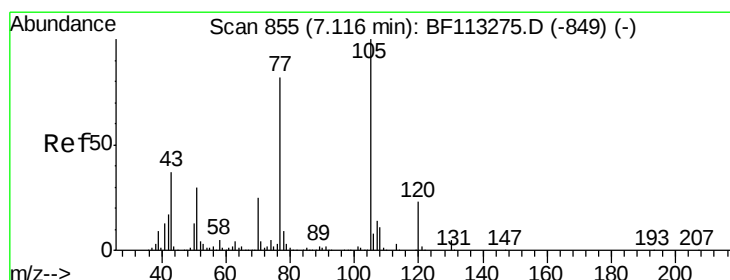
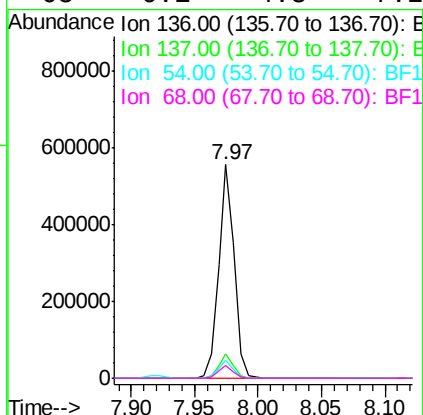
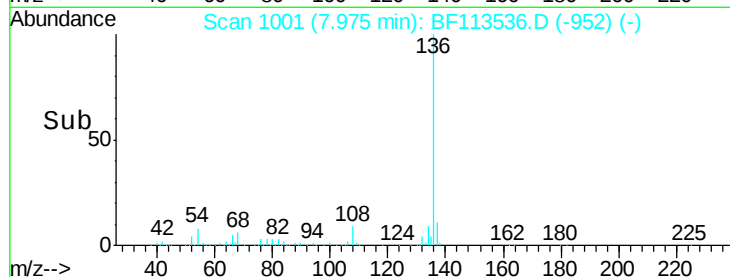
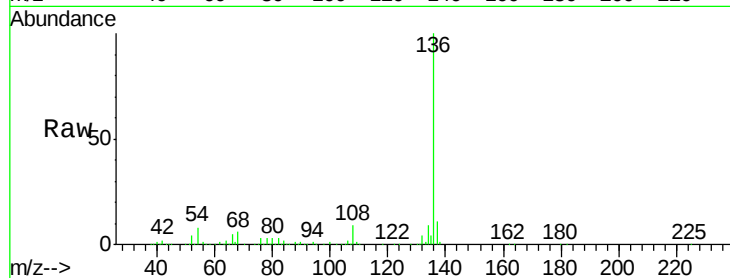
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	477927		
137	11.4	8.9	13.3	
54	8.2	7.0	10.6	
68	6.1	4.8	7.2	

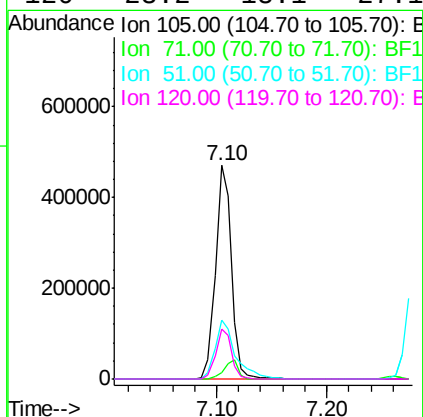
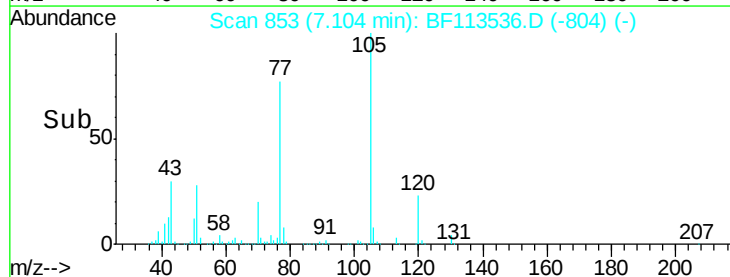
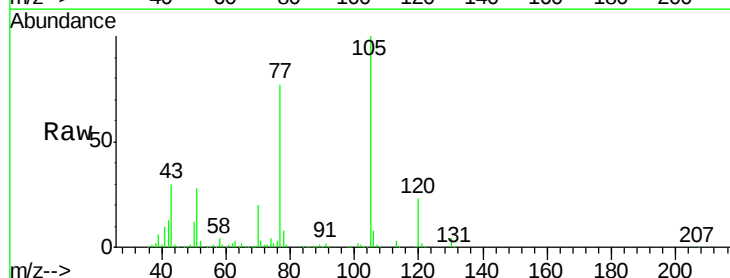
Manual Integrations
APPROVED

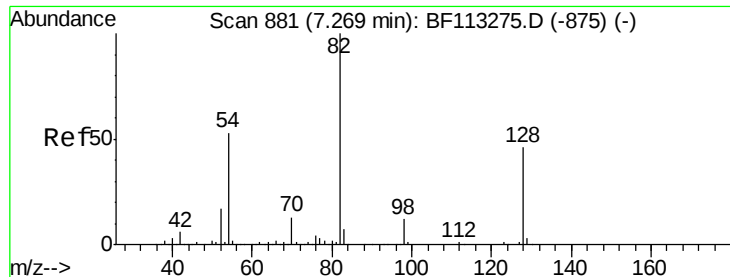
Sohil
4/3/2019 12:42:55 PM



#22
Acetophenone
Concen: 42.947 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	468098		
71	3.3	3.3	4.9	
51	27.5	24.2	36.2	
120	23.2	18.1	27.1	





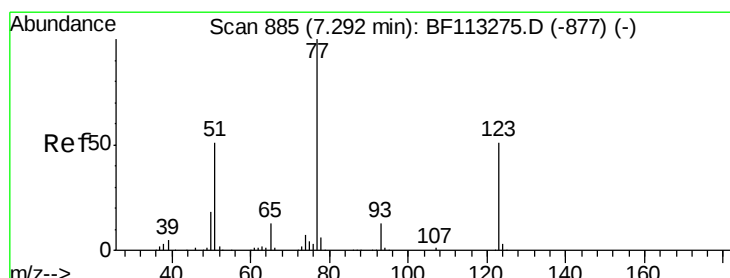
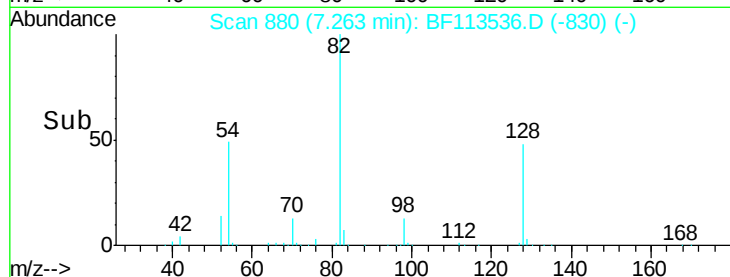
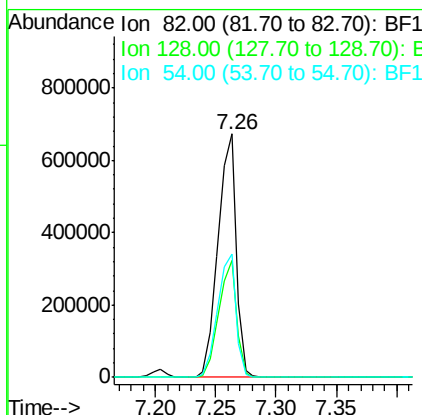
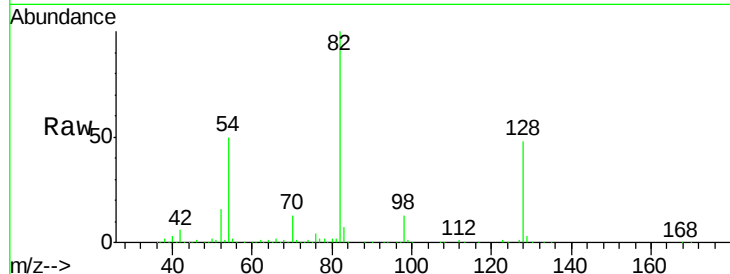
#23
 Nitrobenzene-d5
 Concen: 86.499 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	696504		
128	48.1	36.5	54.7	
54	50.4	42.2	63.2	

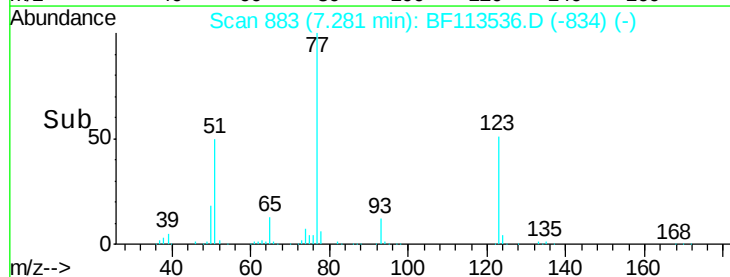
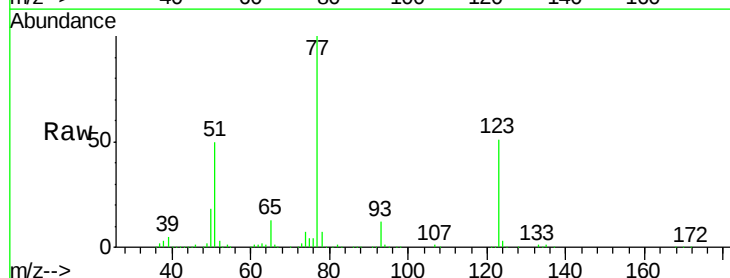
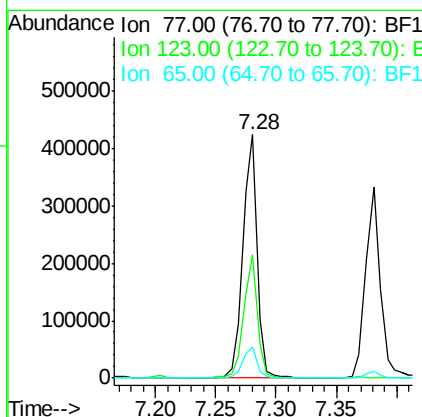
Manual Integrations
 APPROVED

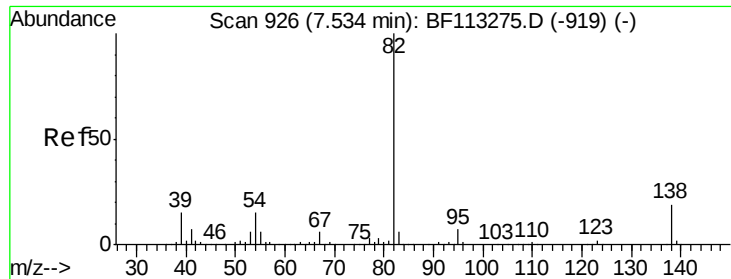
Sohil
 4/3/2019 12:42:55 PM



#24
 Nitrobenzene
 Concen: 41.595 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	349507		
123	50.6	40.8	61.2	
65	13.0	10.6	16.0	





#25

Isophorone

Concen: 40.709 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

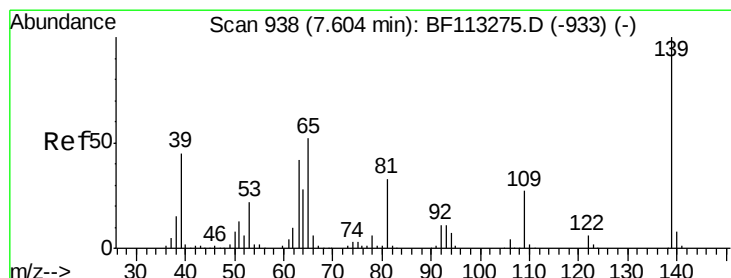
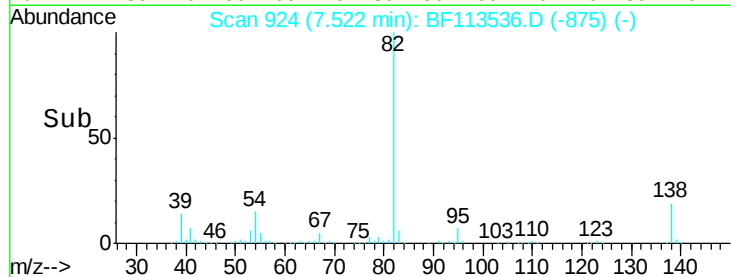
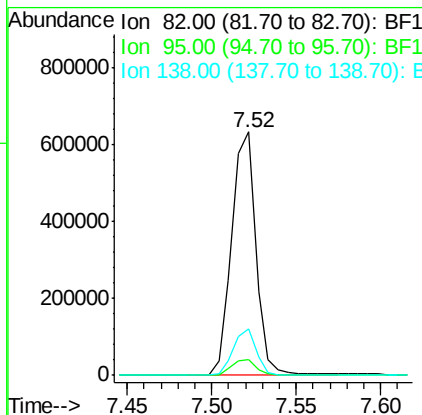
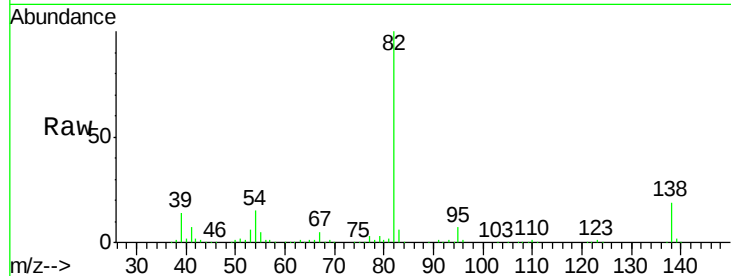
ClientSampleId :

CS-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	635260		
95	6.7	5.5	8.3	
138	18.9	15.2	22.8	

Manual Integrations
APPROVED

Sohil
4/3/2019 12:42:55 PM



#26

2-Nitrophenol

Concen: 37.842 ng

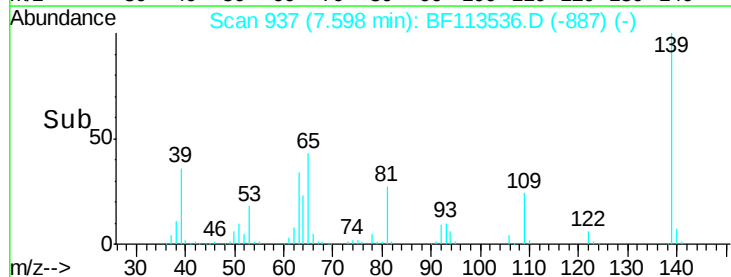
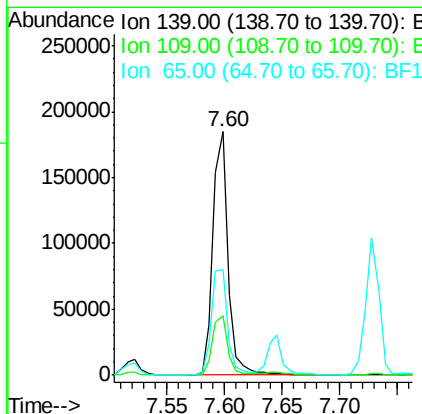
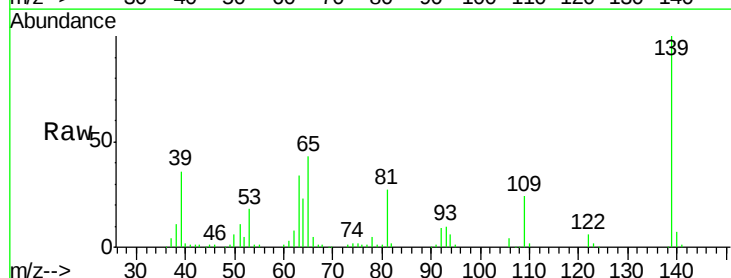
RT: 7.60 min Scan# 937

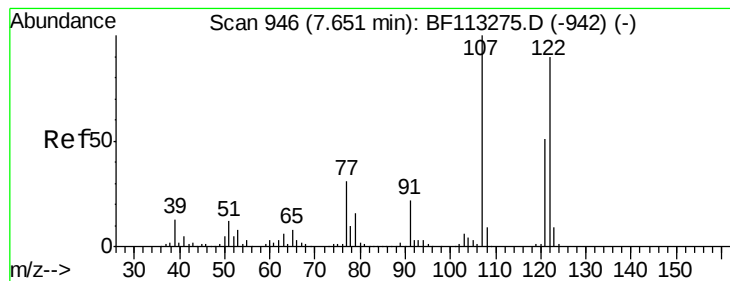
Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

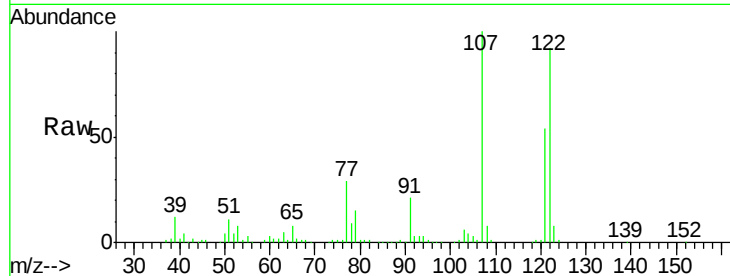
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	168073		
109	24.3	21.7	32.5	
65	43.0	41.6	62.4	





#27
 2,4-Dimethylphenol
 Concen: 47.041 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

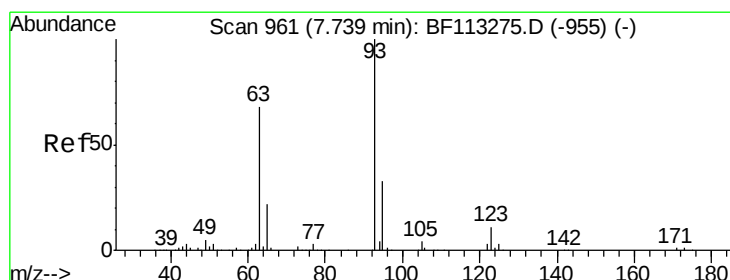
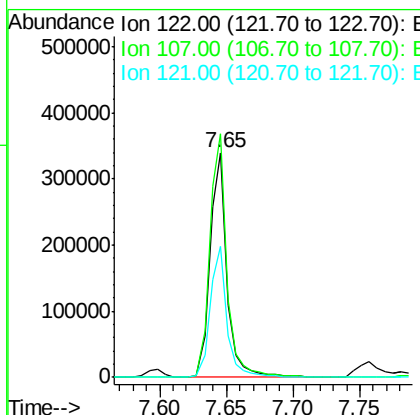
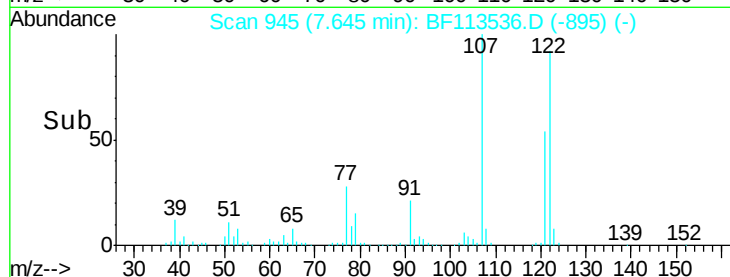
Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	300540		
107	108.4	88.8	133.2	
121	58.1	45.5	68.3	

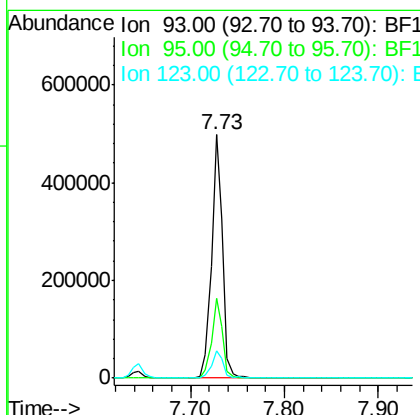
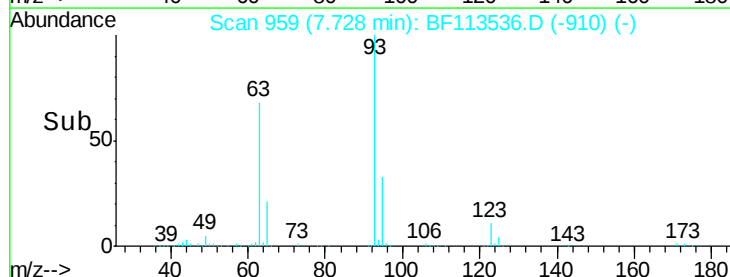
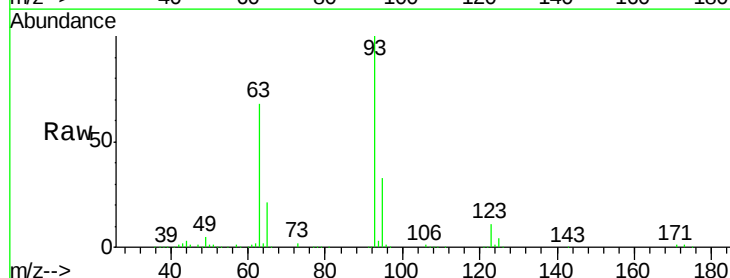
Manual Integrations
 APPROVED

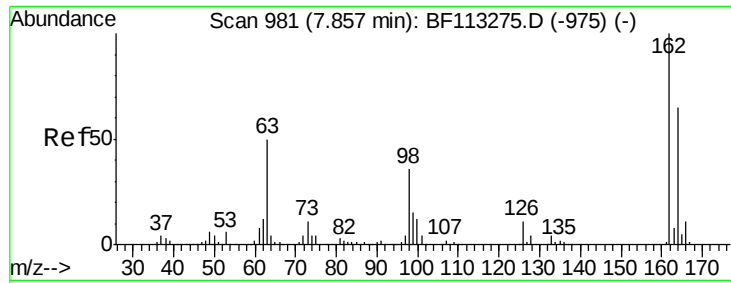
Sohil
 4/3/2019 12:42:55 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.156 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	414258		
95	32.7	26.0	39.0	
123	11.0	9.1	13.7	





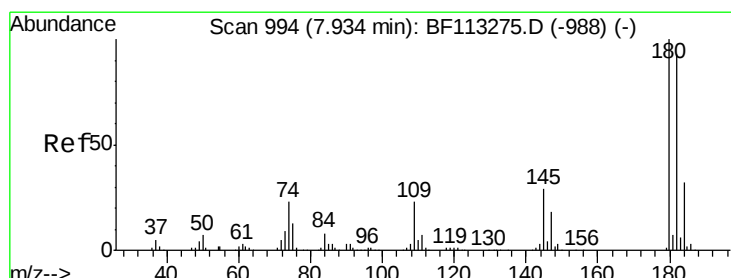
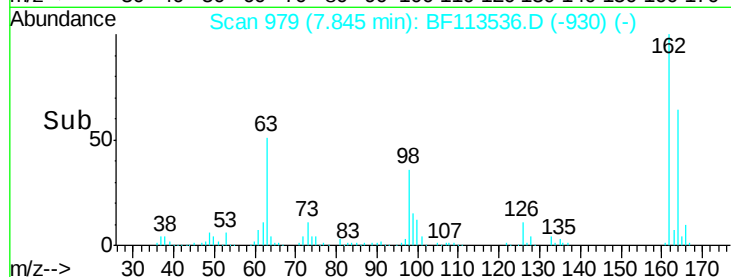
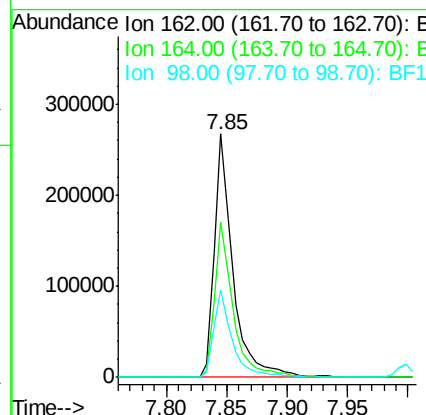
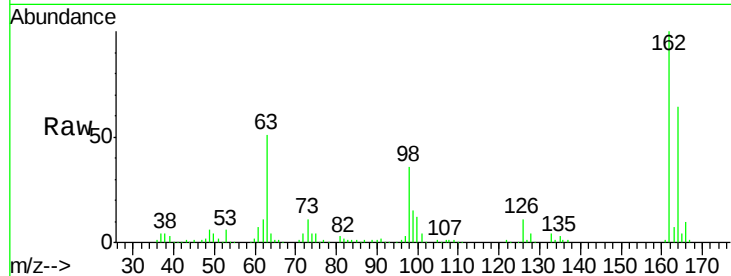
#29
2,4-Dichlorophenol
Concen: 41.060 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	284277		
164	63.9	44.6	84.6	
98	36.1	15.6	55.6	

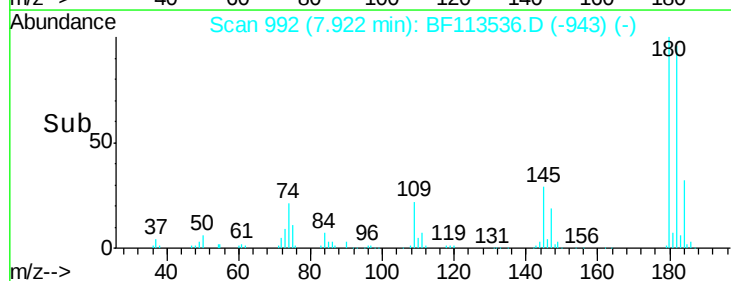
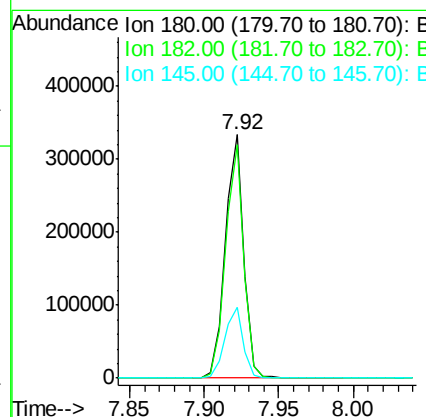
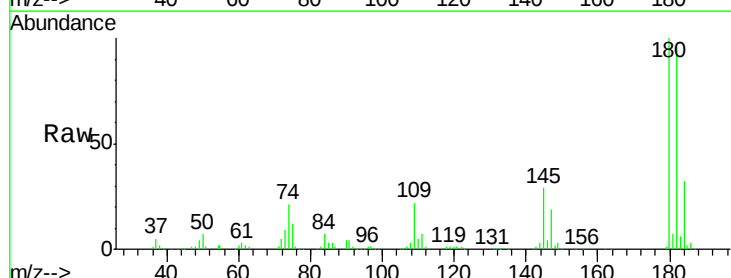
Manual Integrations
APPROVED

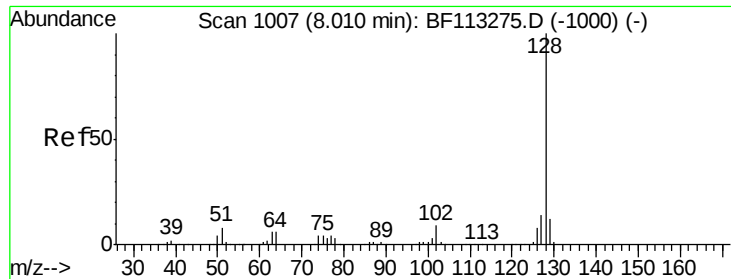
Sohil
4/3/2019 12:42:55 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.893 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	290522		
182	95.9	74.6	111.8	
145	29.2	23.4	35.0	





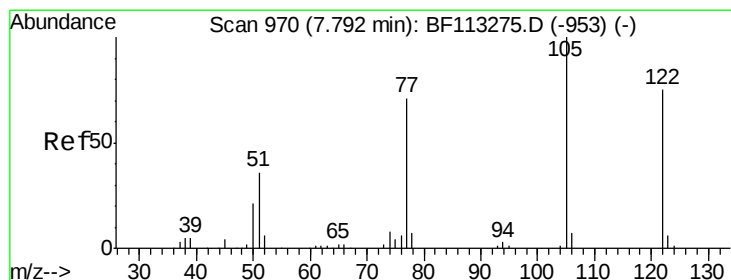
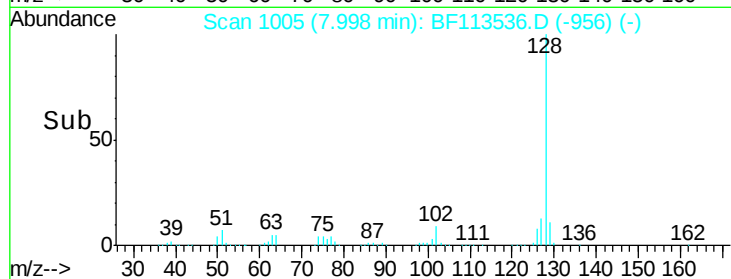
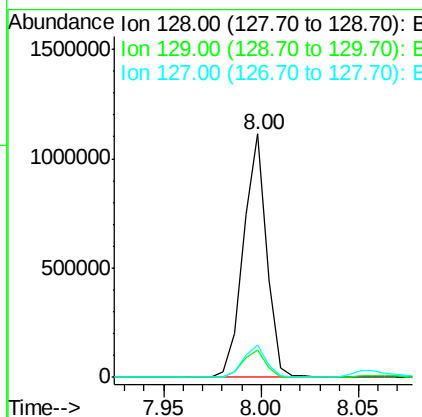
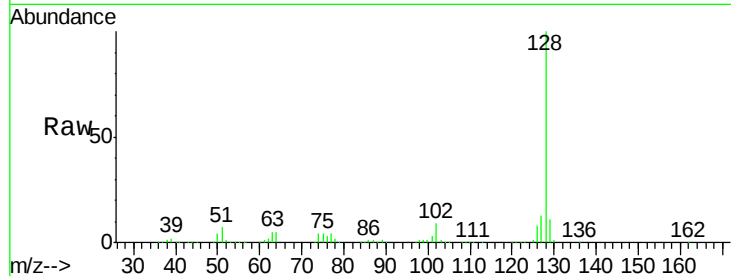
#31
Naphthalene
Concen: 39.258 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	916871		
129	11.1	9.3	13.9	
127	13.3	10.9	16.3	

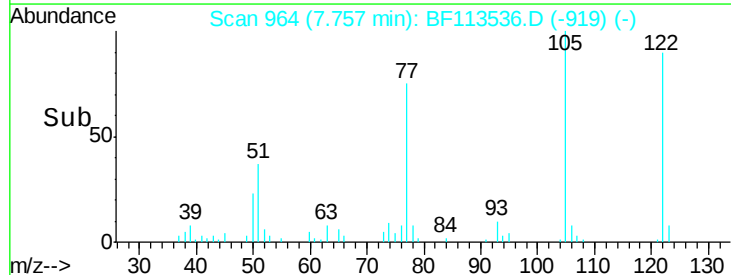
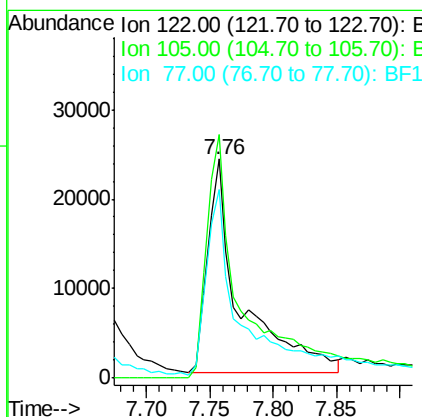
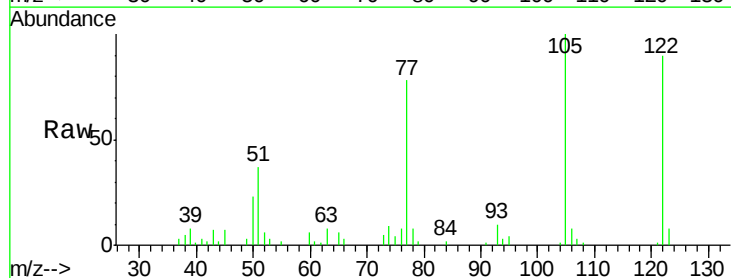
Manual Integrations
APPROVED

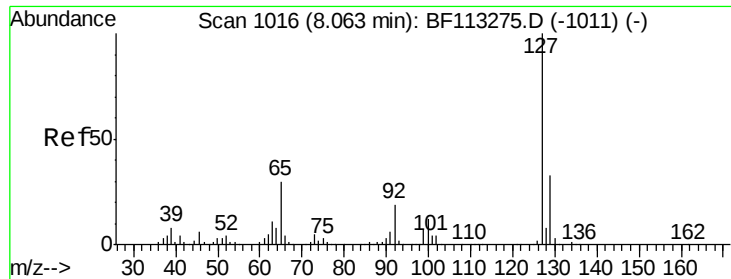
Sohil
4/3/2019 12:42:55 PM



#32
Benzoic acid
Concen: 8.465 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	43531		
105	111.2	100.4	140.4	
77	86.2	69.0	109.0	





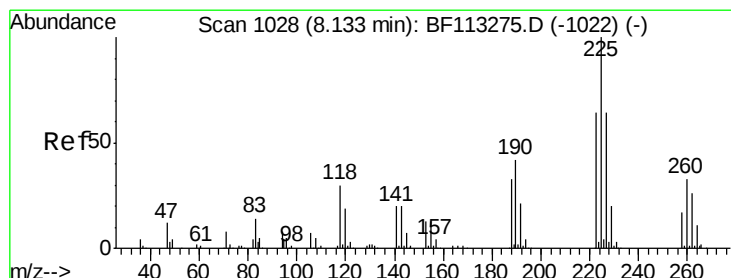
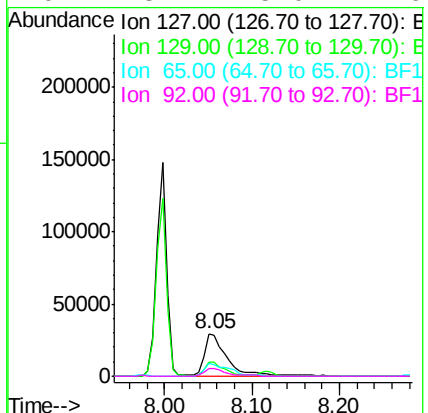
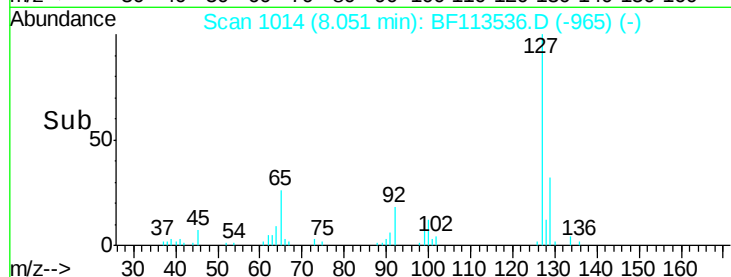
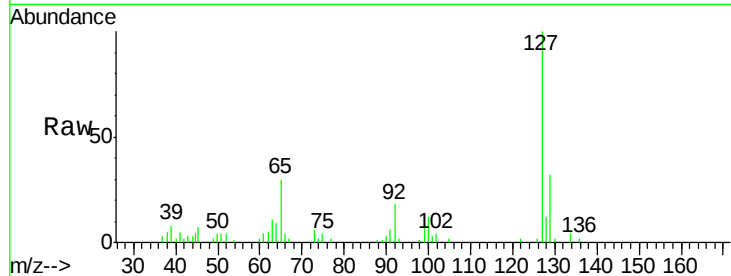
#33
4-Chloroaniline
Concen: 5.826 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	53055		
129	32.2	26.3	39.5	
65	29.5	24.2	36.4	
92	18.2	15.0	22.6	

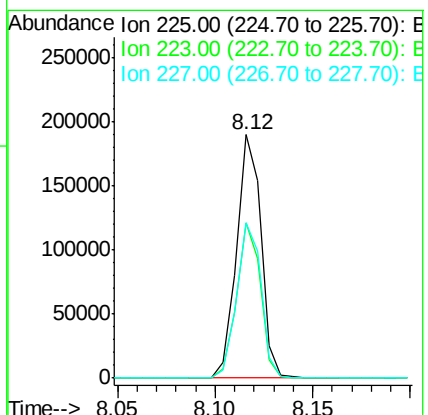
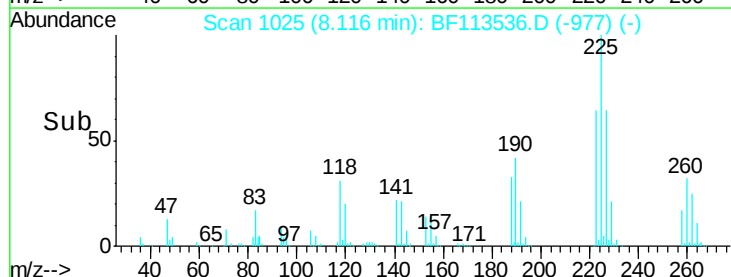
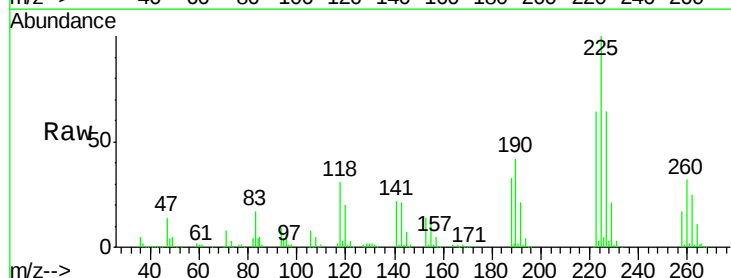
Manual Integrations
APPROVED

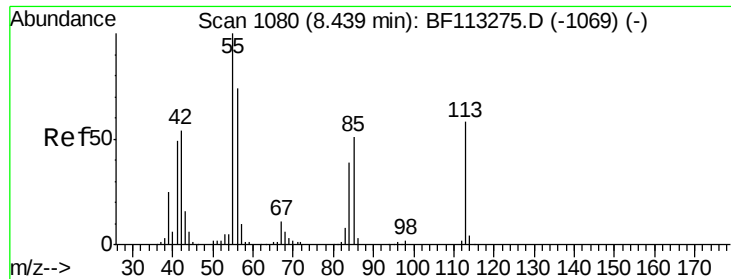
Sohil
4/3/2019 12:42:55 PM



#34
Hexachlorobutadiene
Concen: 37.071 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	164583		
223	63.8	51.4	77.2	
227	63.8	51.1	76.7	





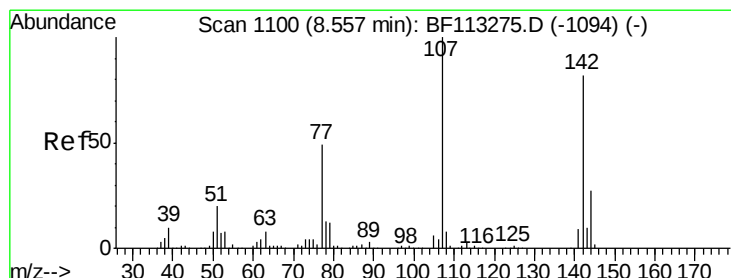
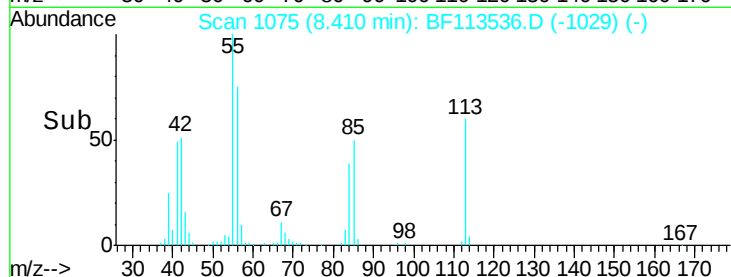
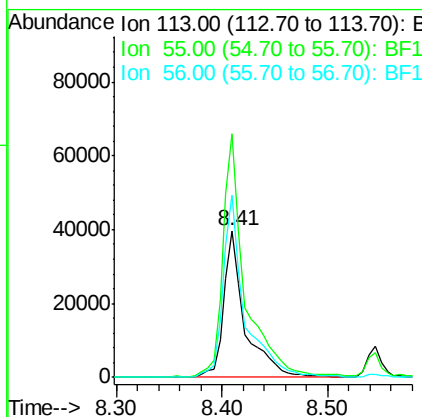
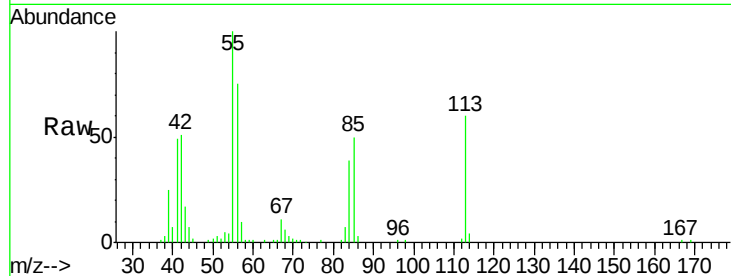
#35
 Caprolactam
 Concen: 25.053 ng
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.03 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

Tgt Ion:113 Resp: 55668
 Ion Ratio Lower Upper
 113 100
 55 165.7 152.7 192.7
 56 123.6 108.3 148.3

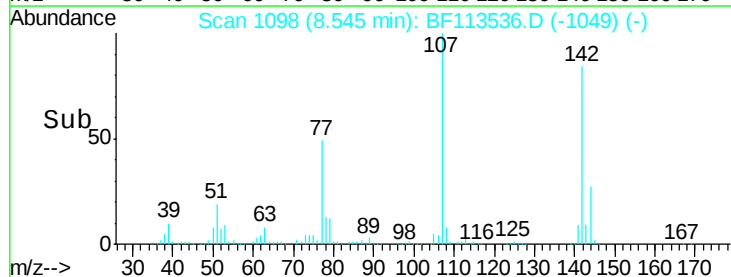
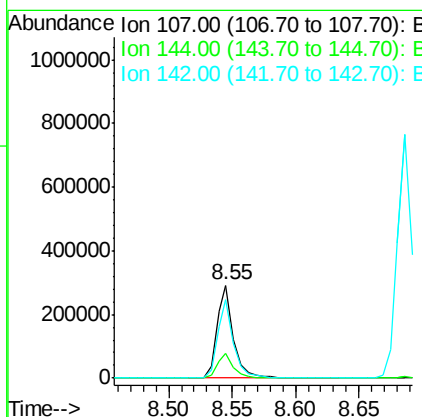
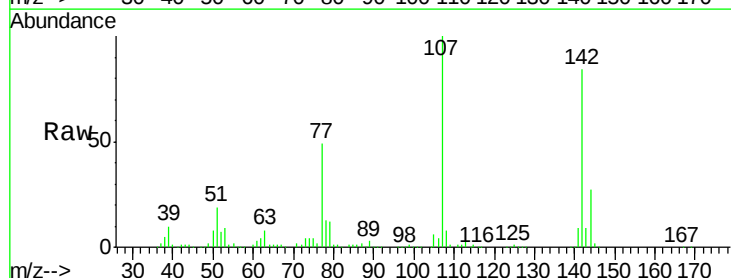
Manual Integrations
 APPROVED

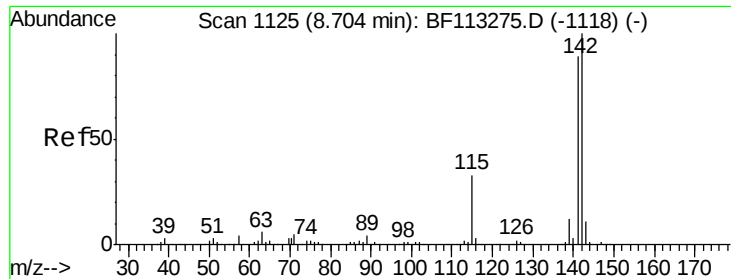
Sohil
 4/3/2019 12:42:55 PM



#36
 4-Chloro-3-methylphenol
 Concen: 38.257 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion:107 Resp: 266412
 Ion Ratio Lower Upper
 107 100
 144 27.2 21.4 32.0
 142 84.4 65.6 98.4





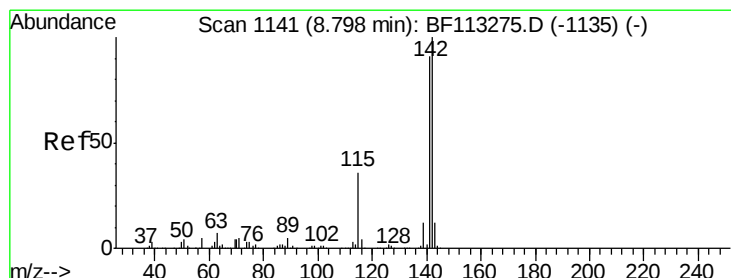
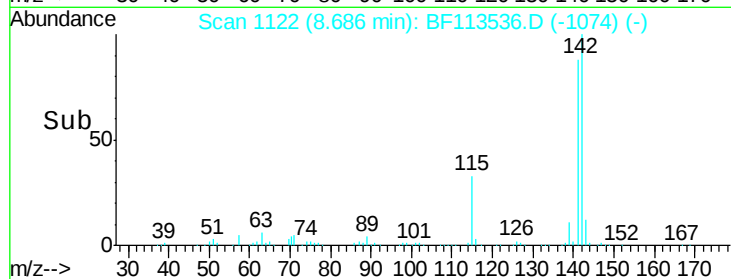
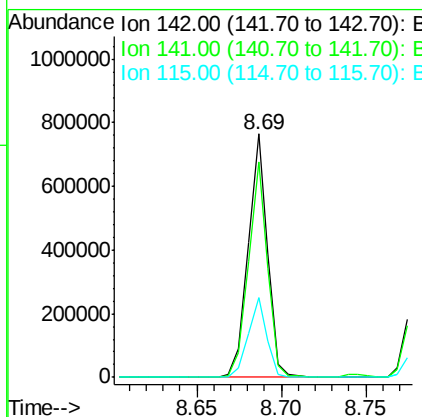
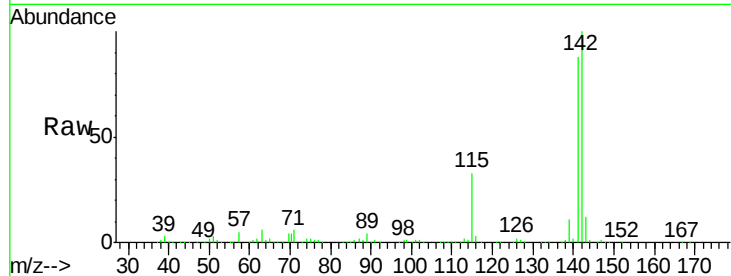
#37
 2-Methylnaphthalene
 Concen: 41.984 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.02 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

Tgt Ion:	142	Resp:	611826
Ion Ratio	Lower	Upper	
142	100		
141	88.4	71.0	106.6
115	32.6	26.6	39.8

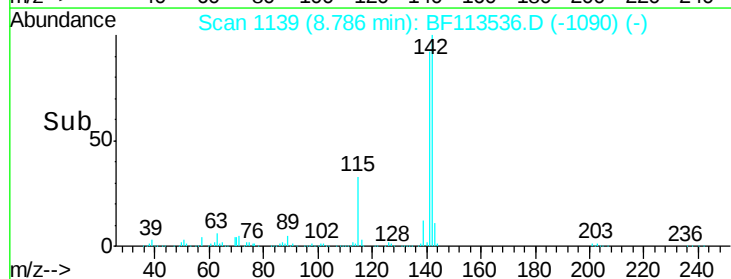
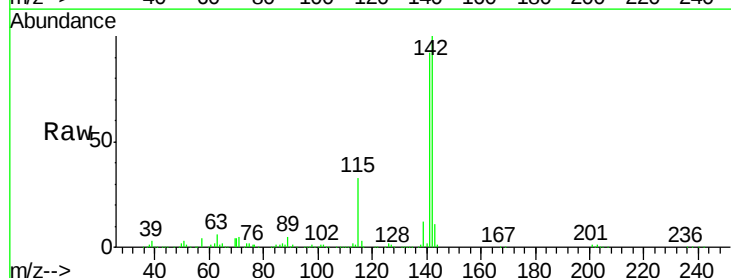
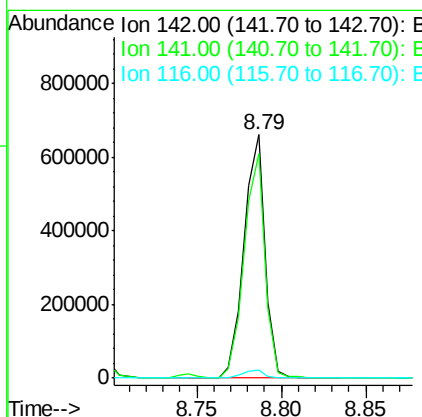
Manual Integrations
 APPROVED

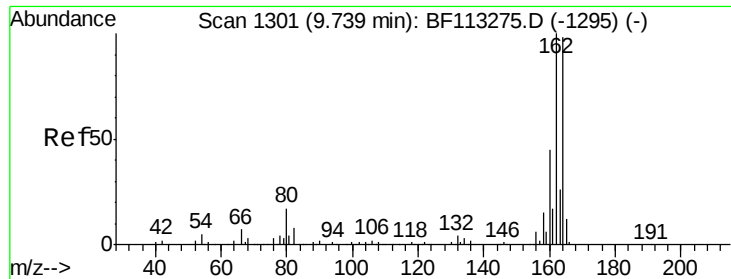
Sohil
 4/3/2019 12:42:55 PM



#38
 1-Methylnaphthalene
 Concen: 40.927 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion:	142	Resp:	573672
Ion Ratio	Lower	Upper	
142	100		
141	92.1	73.2	109.8
116	3.3	3.0	4.4





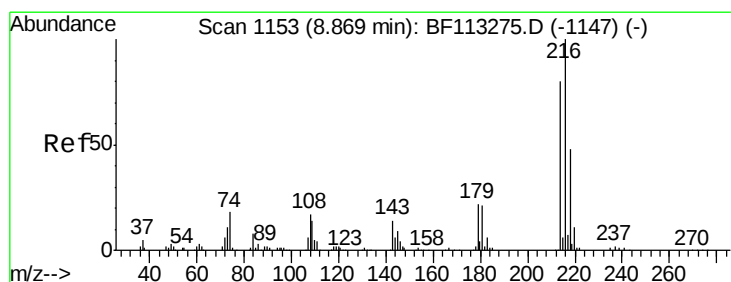
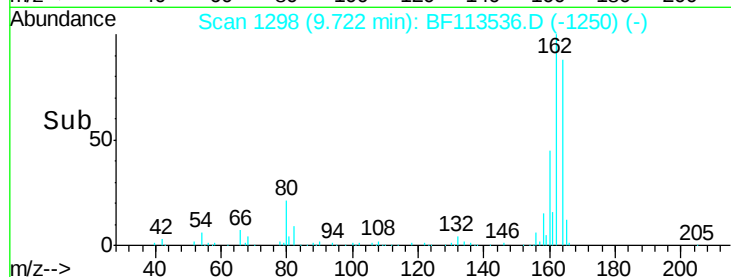
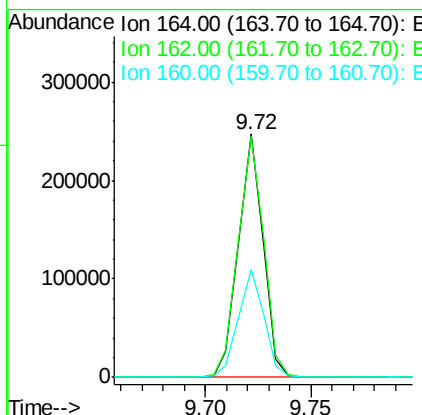
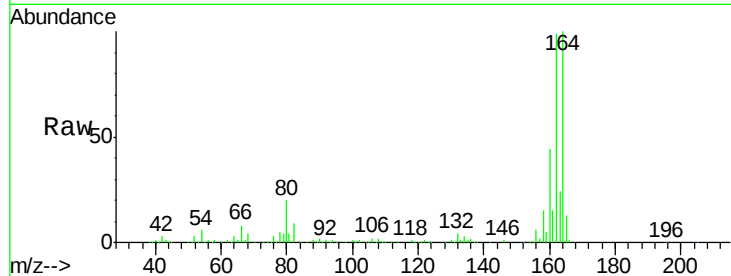
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	199433		
162	99.1	81.8	122.6	
160	44.3	36.4	54.6	

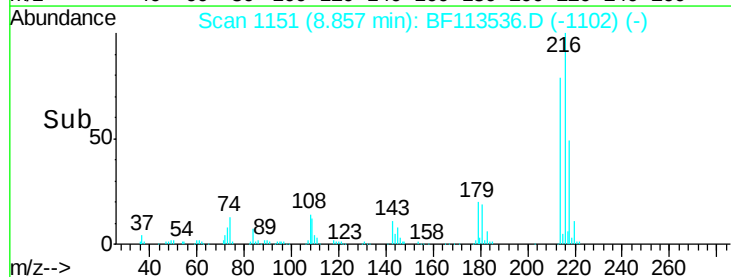
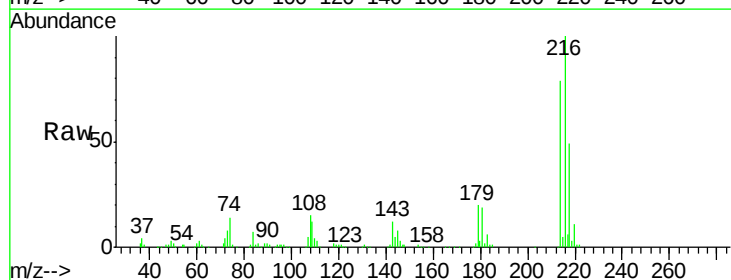
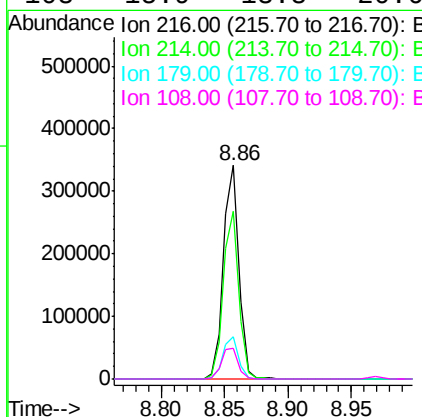
Manual Integrations
APPROVED

Sohil
4/3/2019 12:42:55 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.687 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	292479		
214	78.8	63.0	94.6	
179	20.2	16.8	25.2	
108	15.9	13.8	20.6	





#41

Hexachlorocyclopentadiene

Concen: 5.333 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

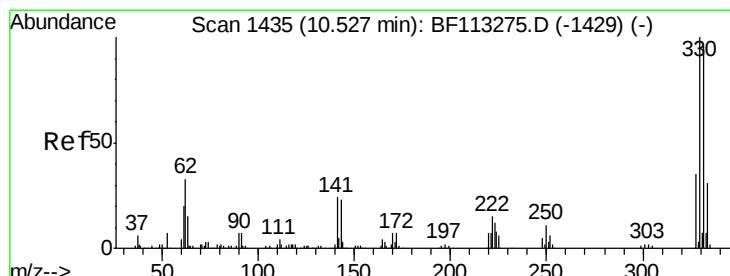
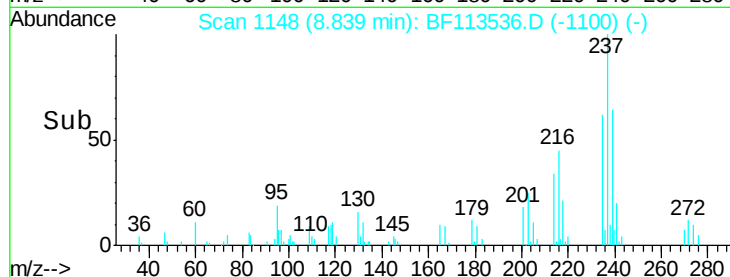
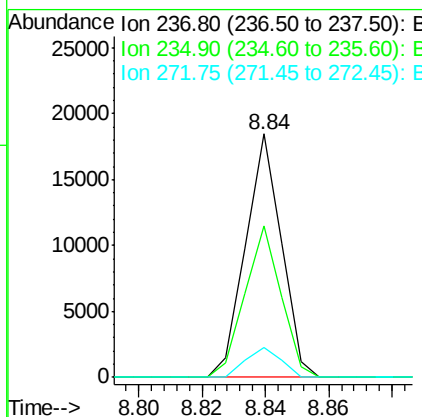
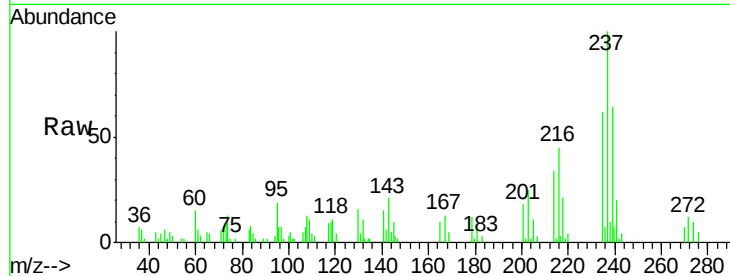
ClientSampleId :

CS-7MSD

Tgt Ion:	237	Resp:	14451
Ion Ratio	Lower	Upper	
237	100		
235	62.1	43.4	83.4
272	12.4	0.0	33.7

Manual Integrations
APPROVED

Sohil
4/3/2019 12:42:55 PM



#42

2,4,6-Tribromophenol

Concen: 111.247 ng

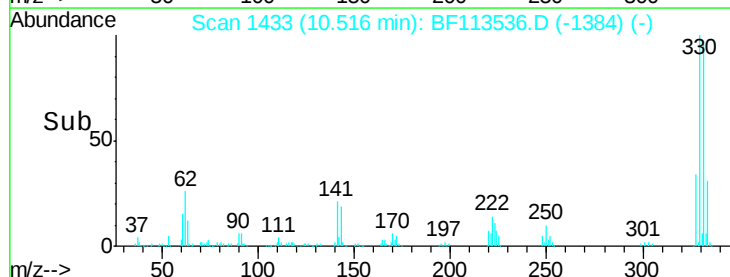
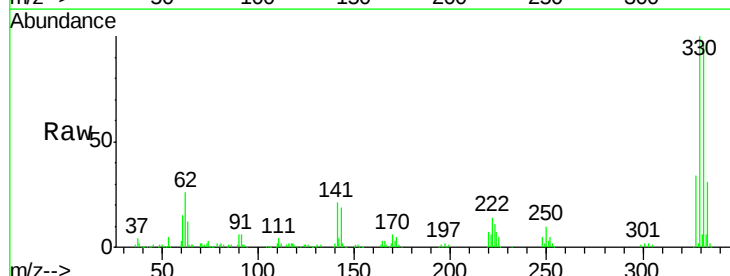
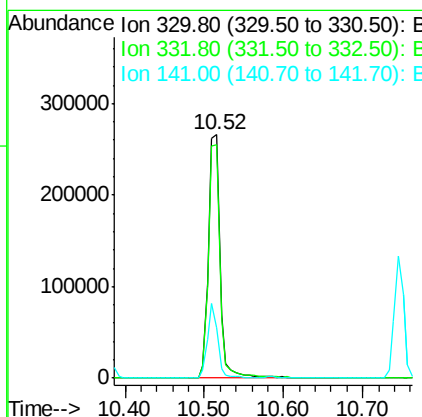
RT: 10.52 min Scan# 1433

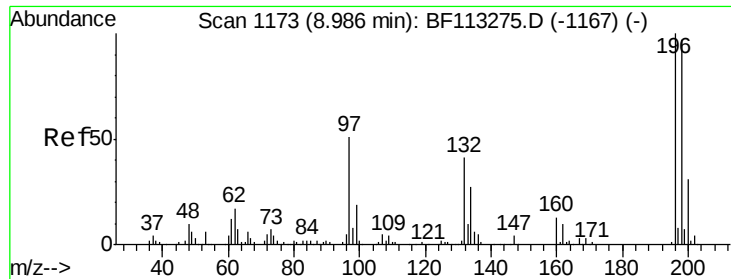
Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Tgt Ion:	330	Resp:	274052
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.8	116.6
141	26.9	22.7	34.1





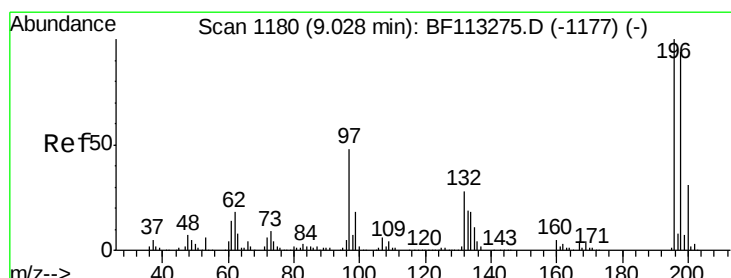
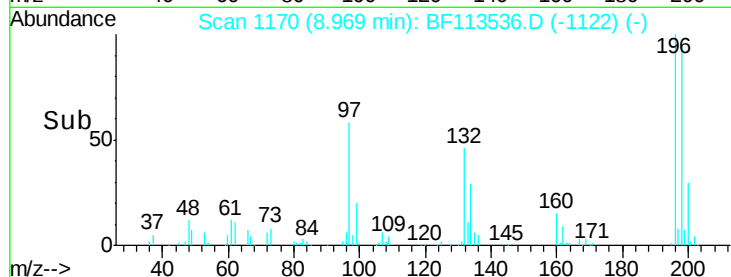
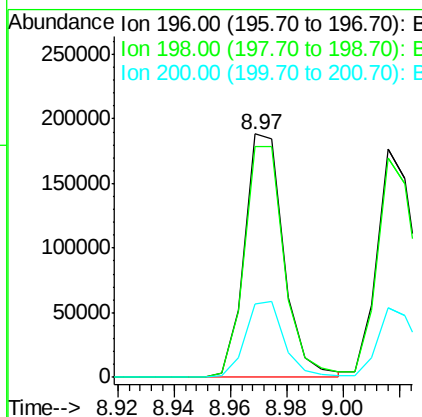
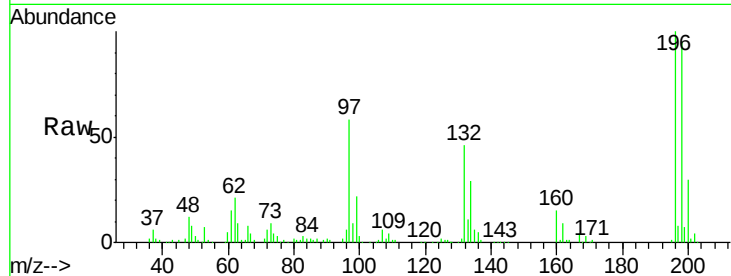
#43
 2,4,6-Trichlorophenol
 Concen: 43.674 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Instrument :
 BNA_F
 ClientSampleID :
 CS-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	182067		
198	94.6	77.7	116.5	
200	30.0	24.9	37.3	

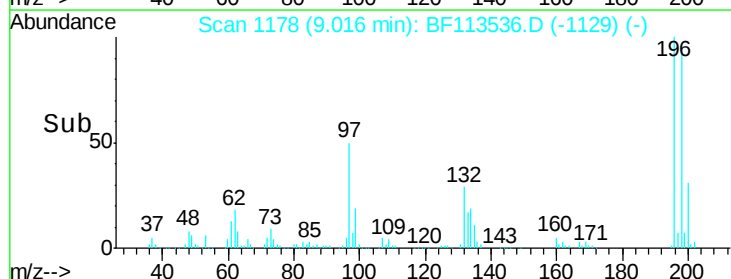
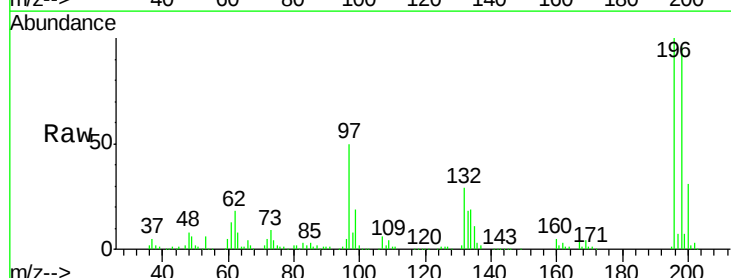
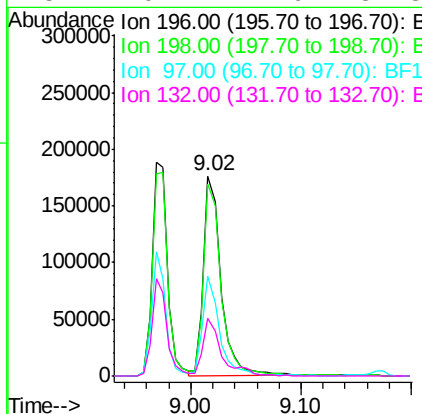
Manual Integrations
 APPROVED

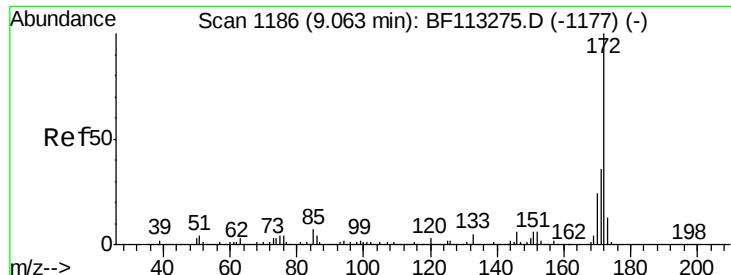
Sohil
 4/3/2019 12:42:55 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.084 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	189544		
198	95.9	75.4	113.2	
97	49.8	38.6	58.0	
132	29.1	22.9	34.3	





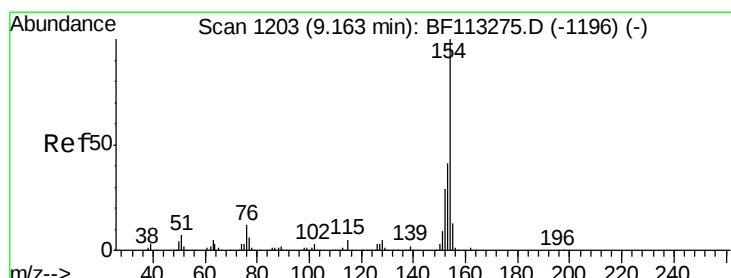
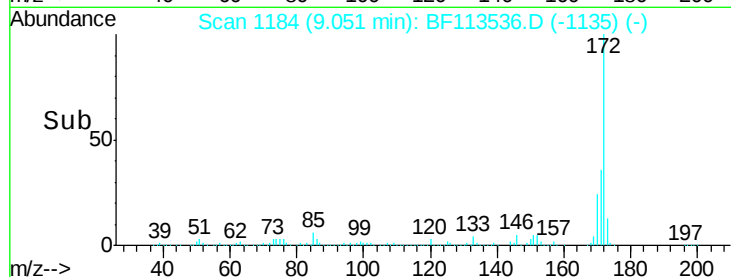
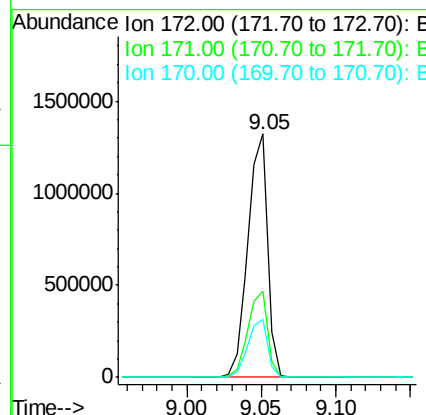
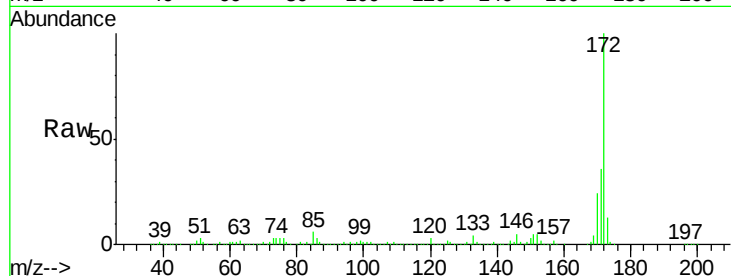
#45
2-Fluorobiphenyl
Concen: 98.143 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	24.1	19.5	29.3

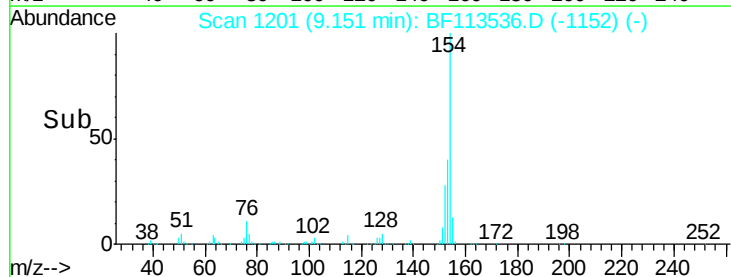
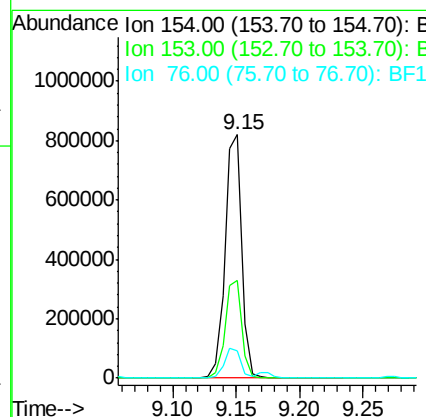
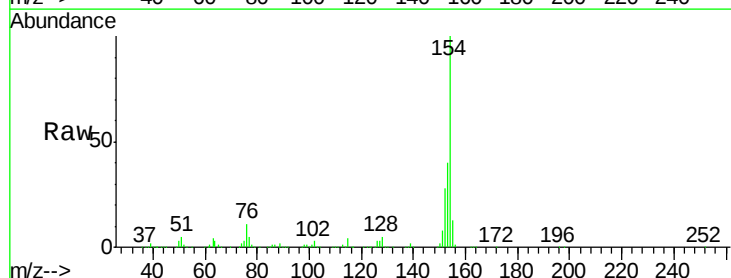
Manual Integrations
APPROVED

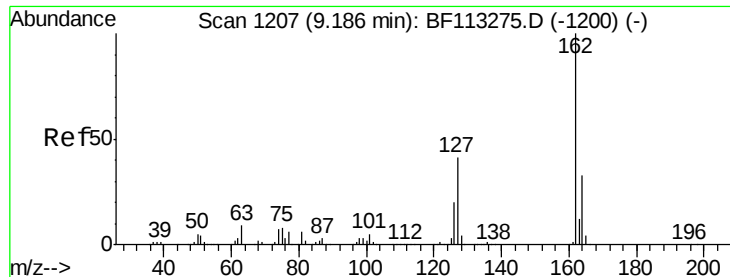
Sohil
4/3/2019 12:42:55 PM



#46
1,1'-Biphenyl
Concen: 45.232 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.8	60.8
76	11.1	0.0	31.9





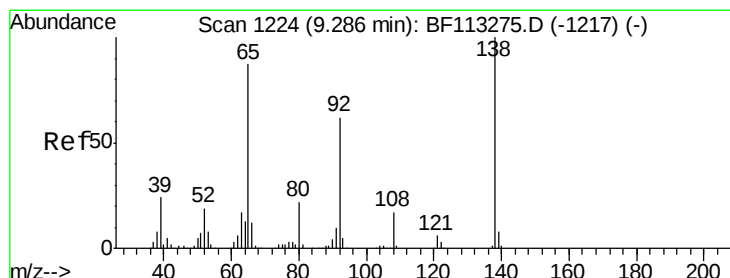
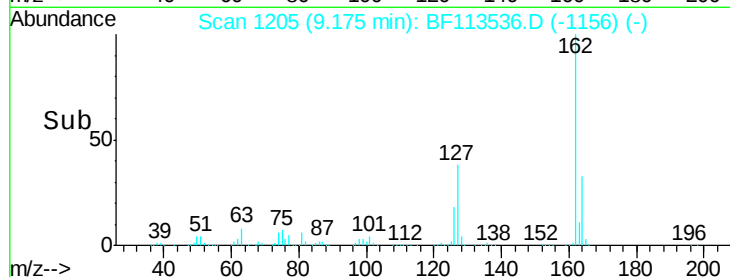
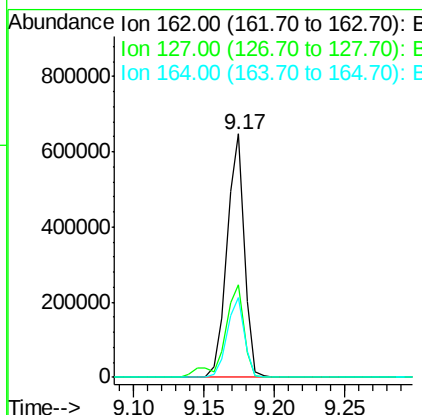
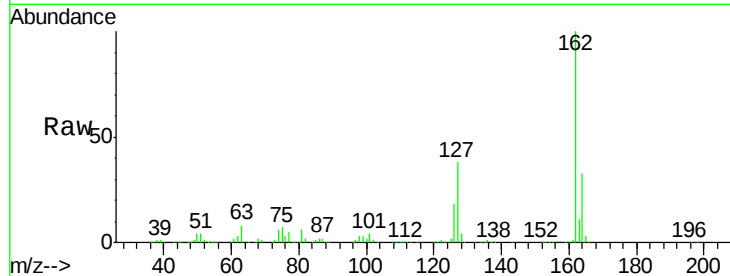
#47
 2-Chloronaphthalene
 Concen: 42.908 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	550277		
127	38.1		32.6	49.0
164	32.9		26.6	39.8

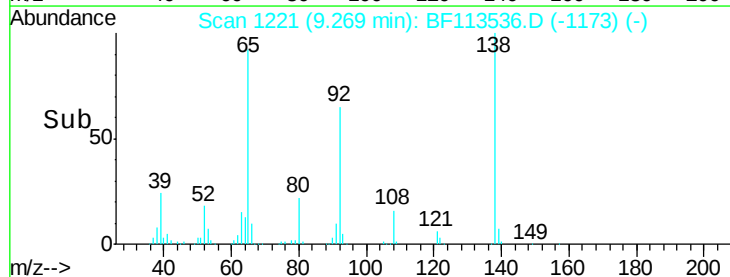
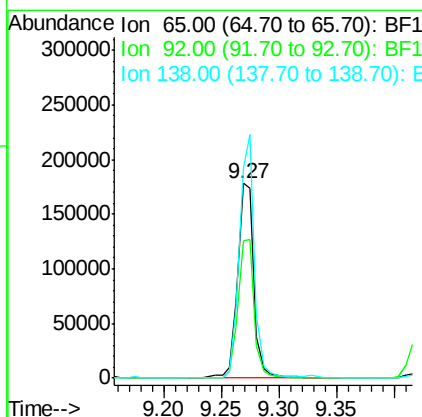
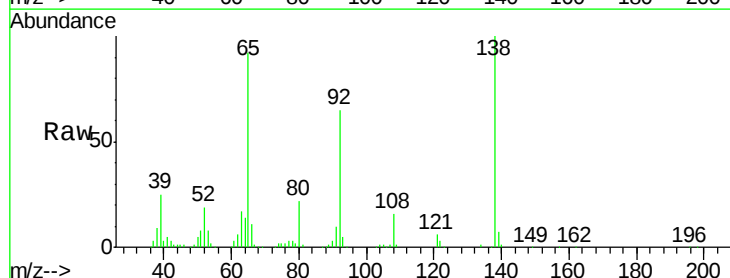
Manual Integrations
 APPROVED

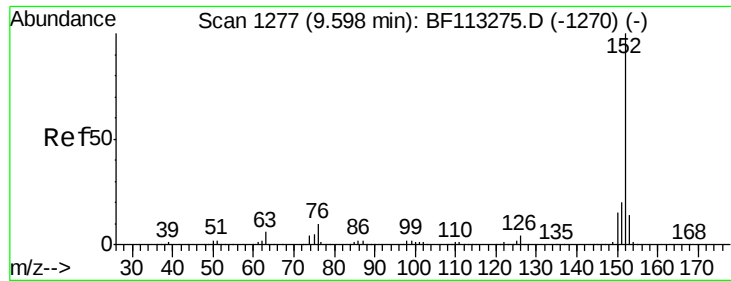
Sohil
 4/3/2019 12:42:55 PM



#48
 2-Nitroaniline
 Concen: 43.733 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	176010		
92	70.7		56.8	85.2
138	108.5		92.3	138.5





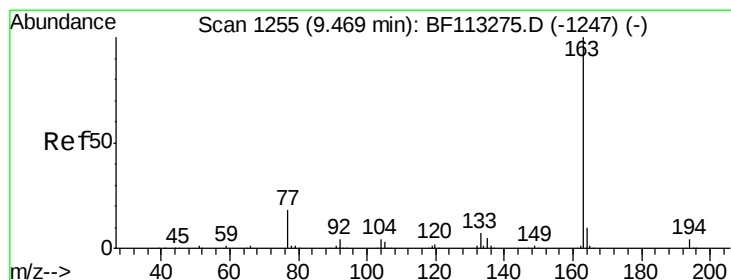
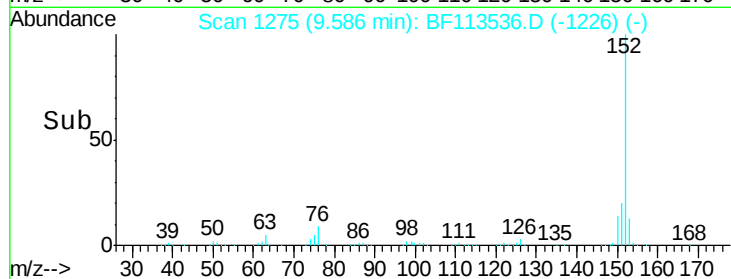
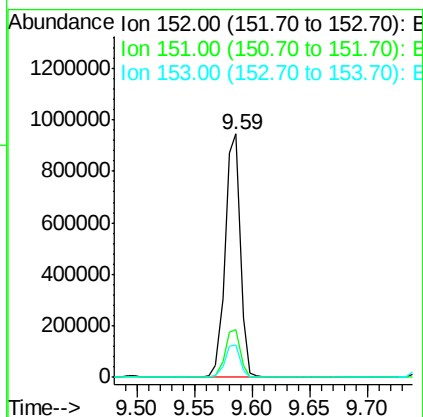
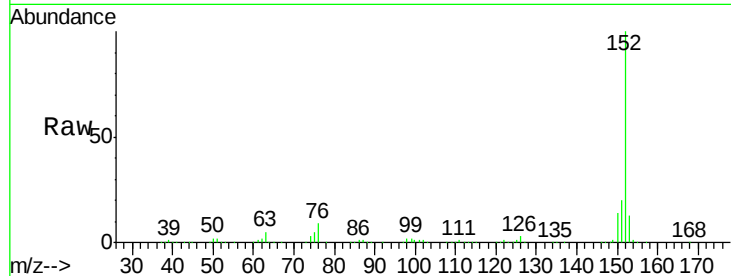
#49
Acenaphthylene
Concen: 41.452 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	19.9	16.2	24.4
153	13.1	11.0	16.6

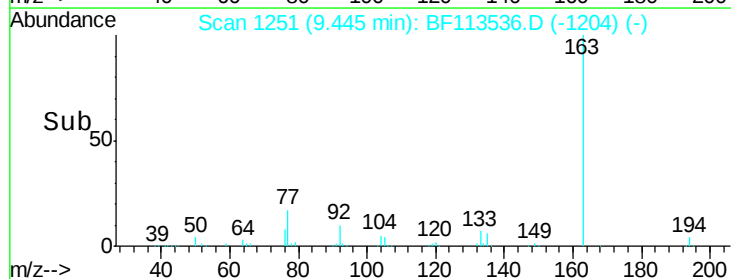
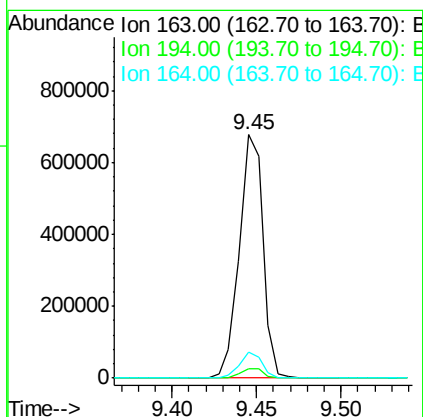
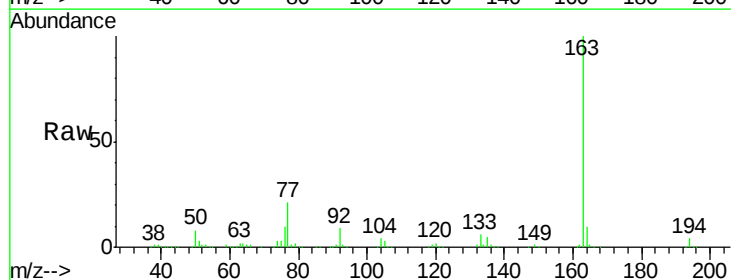
Manual Integrations
APPROVED

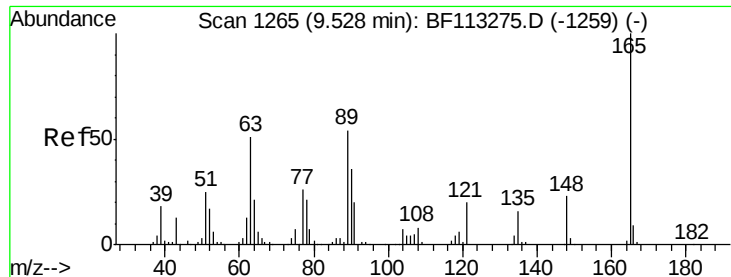
Sohil
4/3/2019 12:42:55 PM



#50
Dimethylphthalate
Concen: 44.873 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	3.0	4.6
164	10.5	8.1	12.1





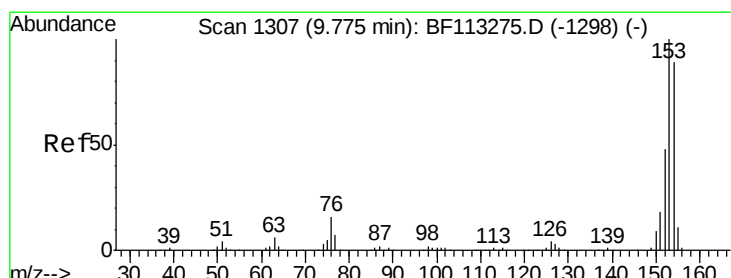
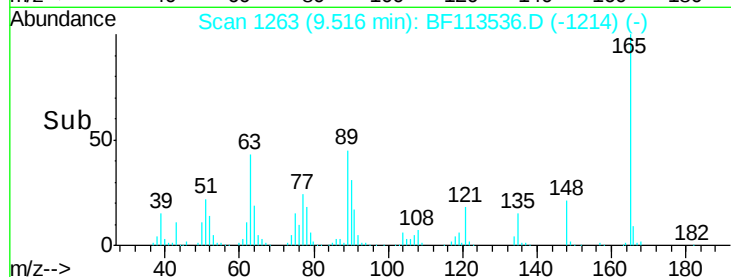
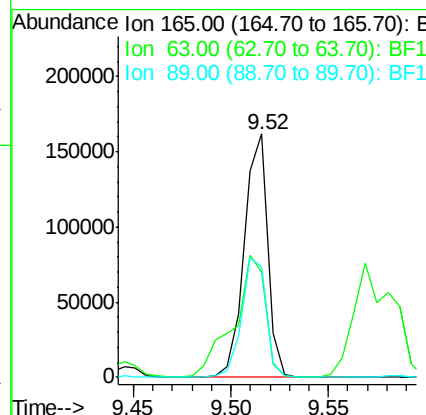
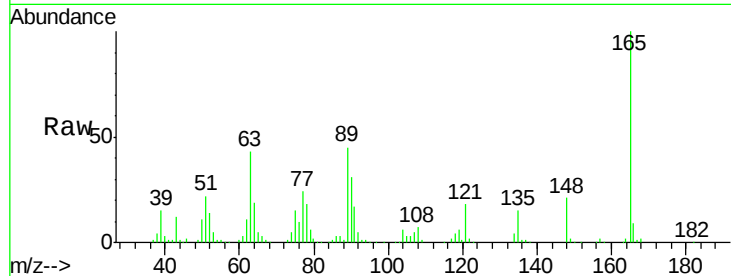
#51
 2,6-Dinitrotoluene
 Concen: 40.336 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	43.1	43.4	65.0#
89	45.2	43.1	64.7

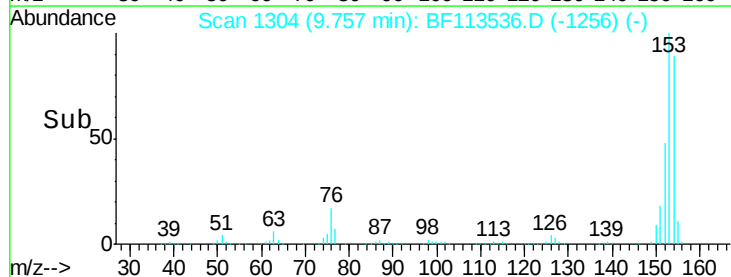
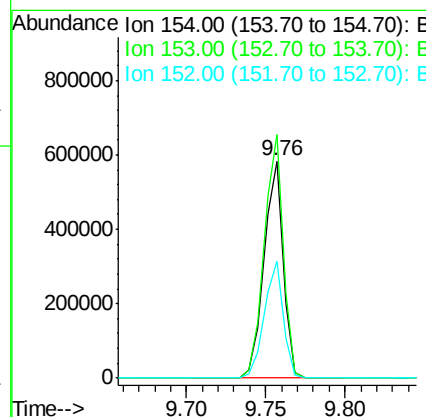
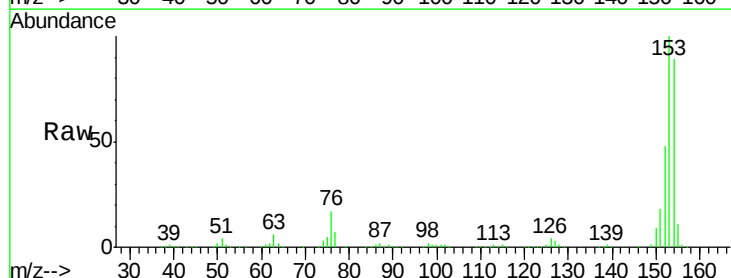
Manual Integrations
 APPROVED

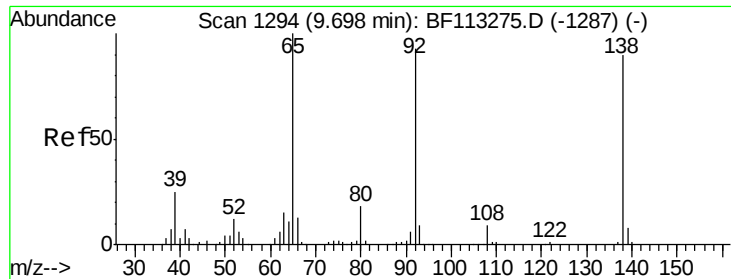
Sohil
 4/3/2019 12:42:55 PM



#52
 Acenaphthene
 Concen: 42.550 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.02 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.2	89.5	134.3
152	53.8	43.3	64.9





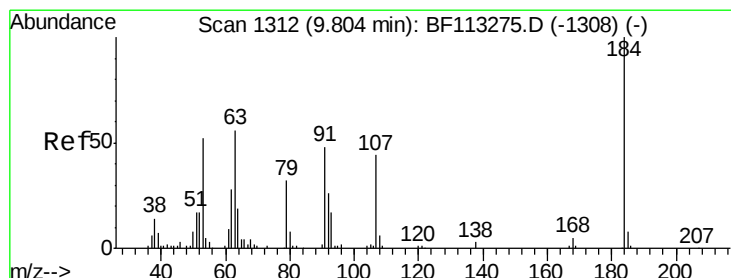
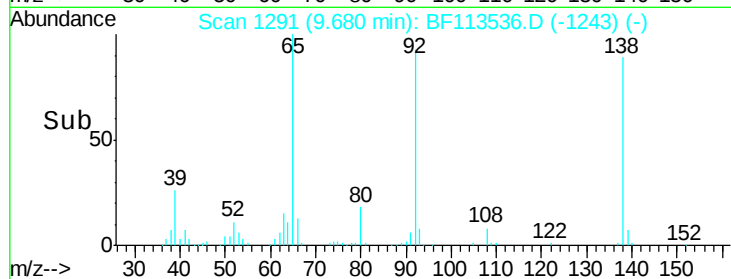
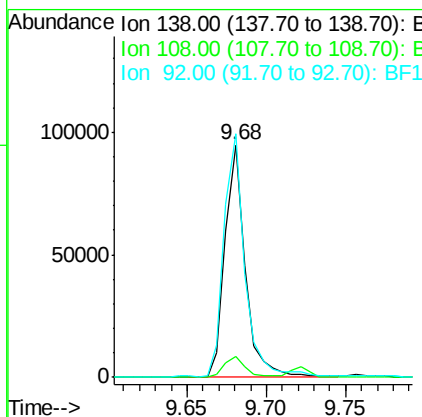
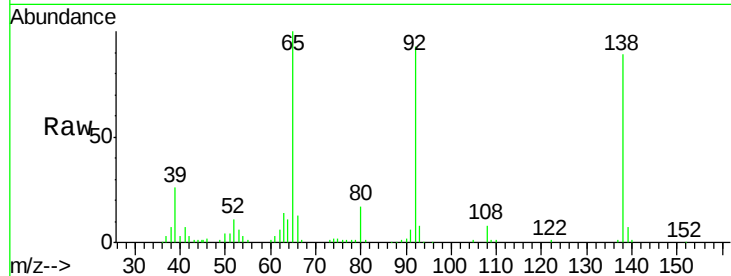
#53
3-Nitroaniline
Concen: 22.592 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.8	11.6
92	104.9	82.6	124.0

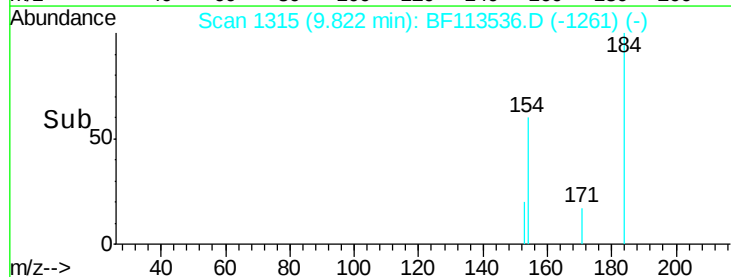
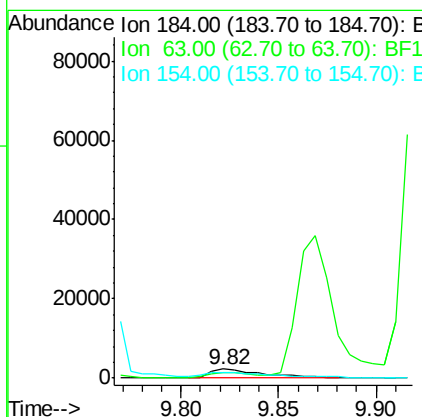
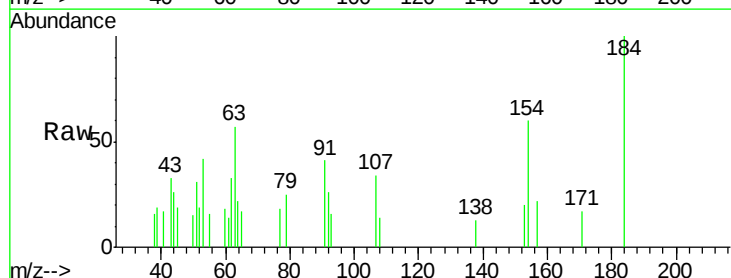
Manual Integrations
APPROVED

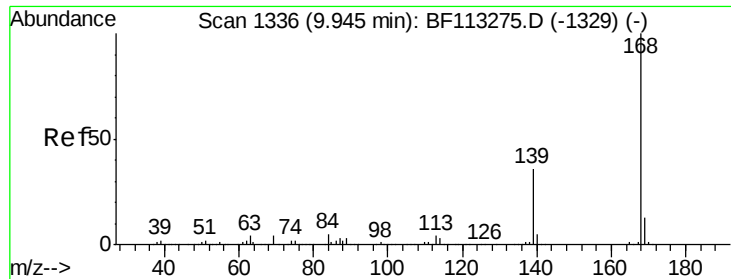
Sohil
4/3/2019 12:42:55 PM



#54
2,4-Dinitrophenol
Concen: 2.639 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.0	54.3	81.5
154	60.0	48.4	72.6





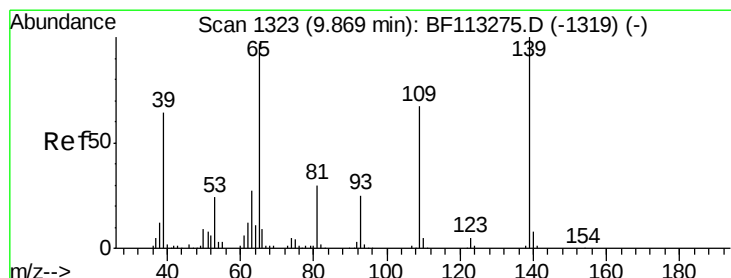
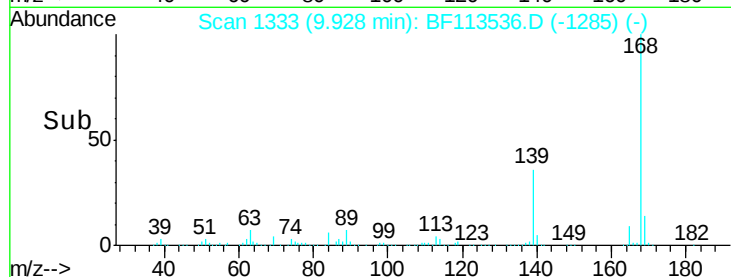
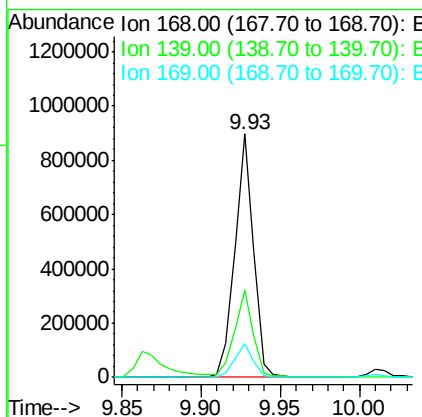
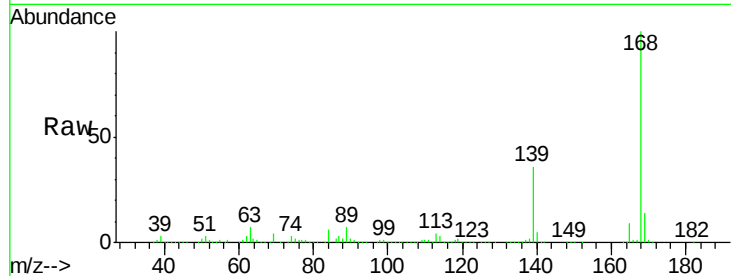
#55
Dibenzenofuran
Concen: 41.650 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.9	29.7	44.5
169	13.8	10.7	16.1

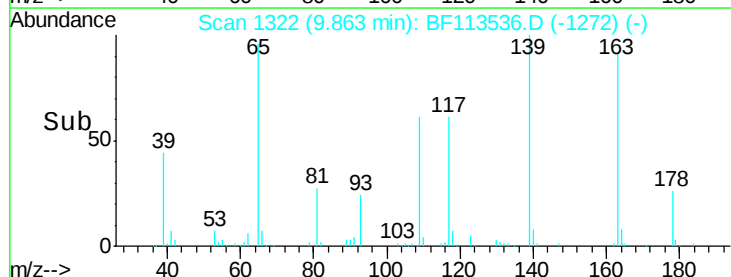
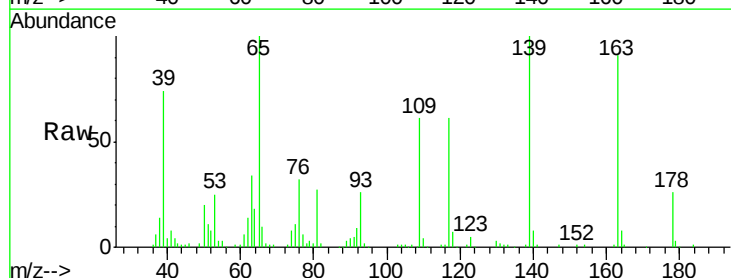
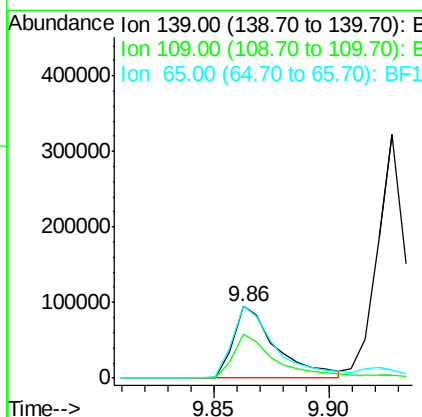
Manual Integrations
APPROVED

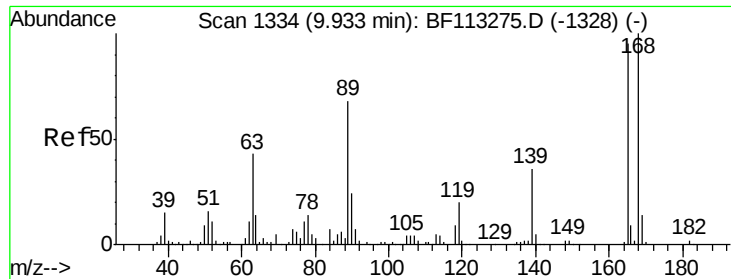
Sohil
4/3/2019 12:42:55 PM



#56
4-Nitrophenol
Concen: 46.163 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

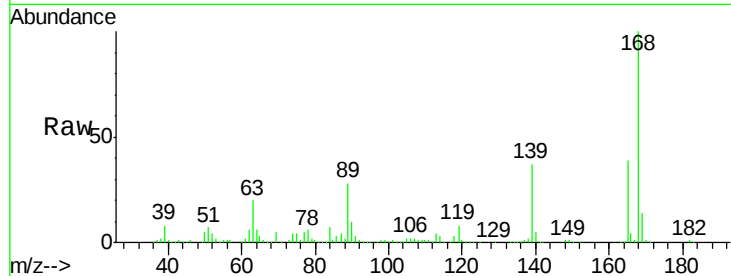
Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.0	46.9	86.9
65	99.7	77.2	117.2





#57
 2,4-Dinitrotoluene
 Concen: 35.743 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

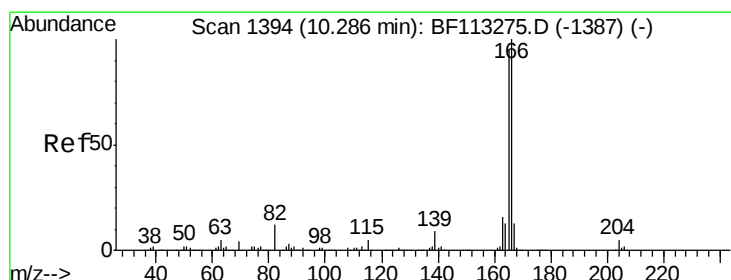
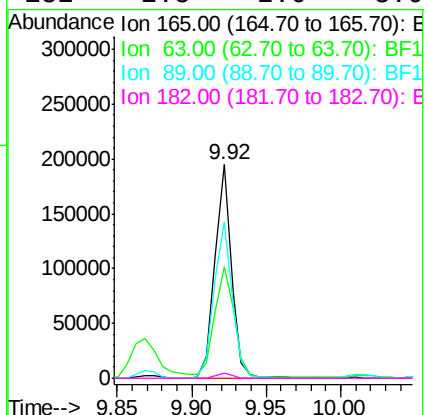
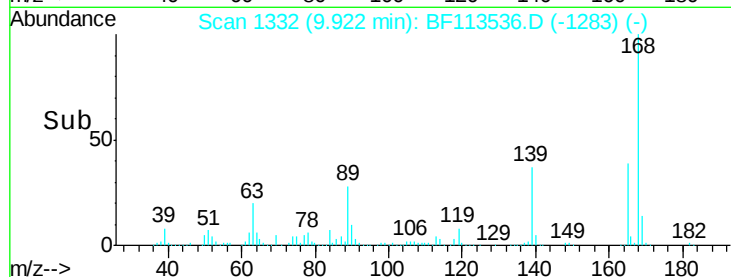
Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD



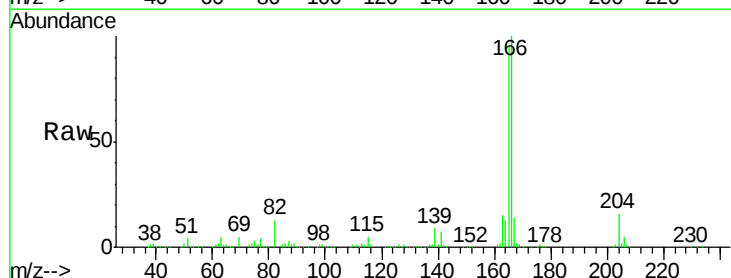
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	151557		
63	52.0	37.5	56.3	
89	73.1	57.4	86.2	
182	2.5	2.0	3.0	

Manual Integrations
 APPROVED

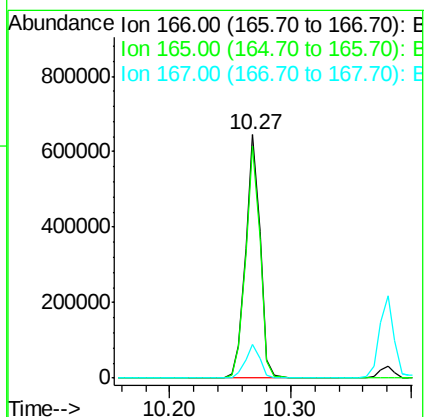
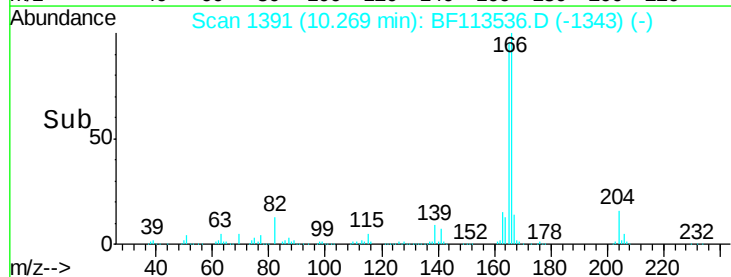
Sohil
 4/3/2019 12:42:55 PM

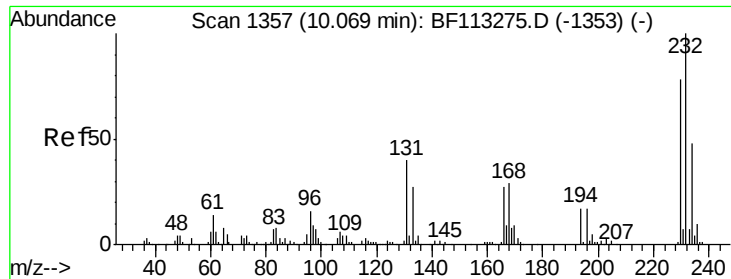


#58
 Fluorene
 Concen: 39.972 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.02 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	545141		
165	95.1	76.2	114.2	
167	13.7	10.7	16.1	





#59

2,3,4,6-Tetrachlorophenol

Concen: 37.518 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

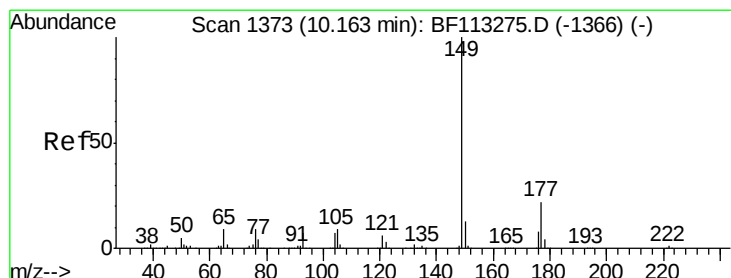
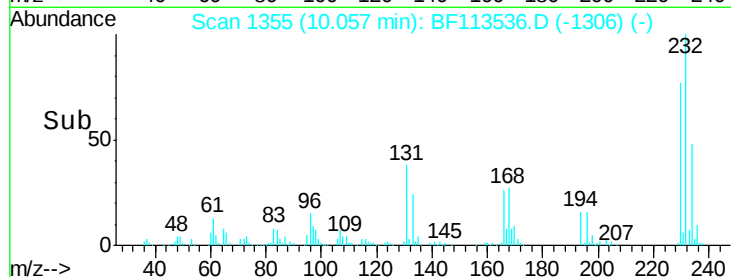
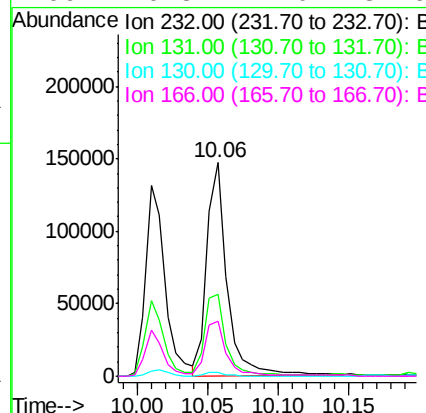
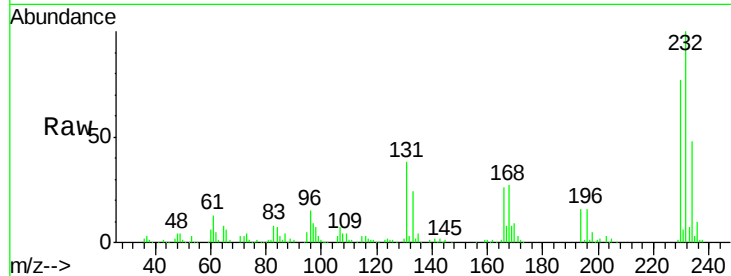
ClientSampleId :

CS-7MSD

Tgt Ion:	232	Resp:	146374
Ion Ratio	Lower	Upper	
232	100		
131	40.0	33.2	49.8
130	1.8	1.6	2.4
166	26.8	21.0	31.6

Manual Integrations
APPROVED

Sohil
4/3/2019 12:42:55 PM



#60

Diethylphthalate

Concen: 43.495 ng

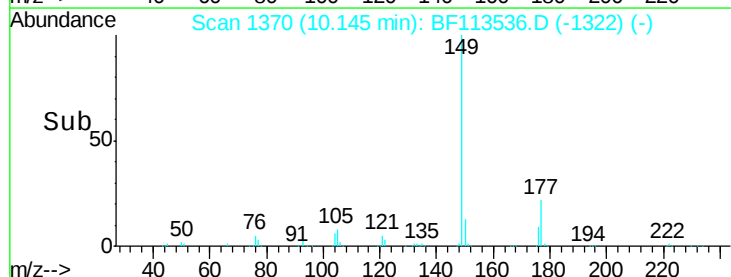
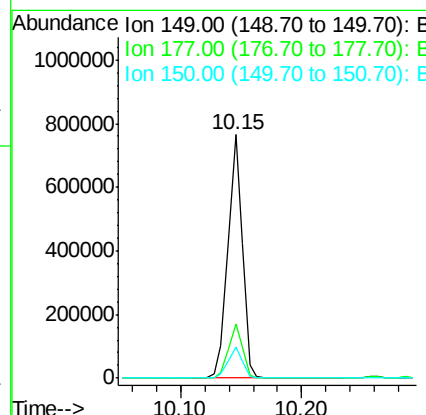
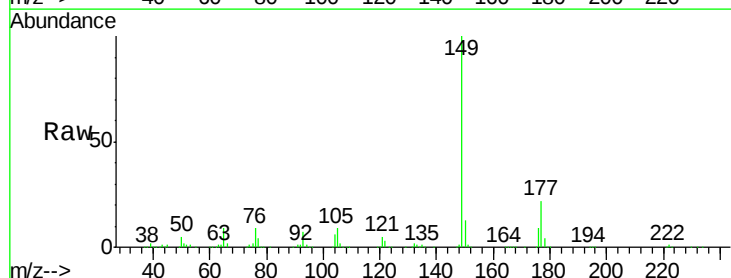
RT: 10.15 min Scan# 1370

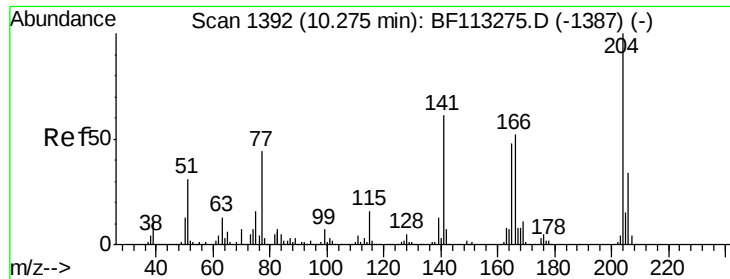
Delta R.T. -0.02 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Tgt Ion:	149	Resp:	630618
Ion Ratio	Lower	Upper	
149	100		
177	22.3	17.4	26.0
150	12.6	10.0	15.0





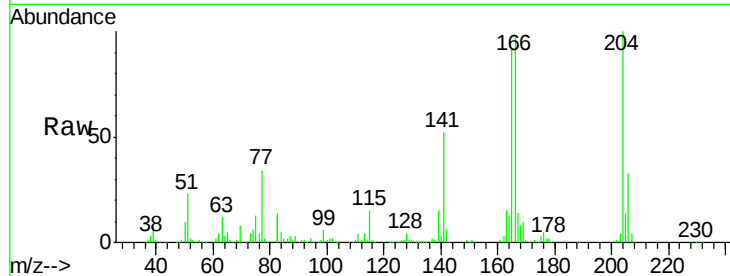
#61
4-Chlorophenyl-phenylether
Concen: 42.705 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	283856		
206	33.0	26.9	40.3	
141	51.7	48.8	73.2	

Manual Integrations
APPROVED

Sohil
4/3/2019 12:42:55 PM

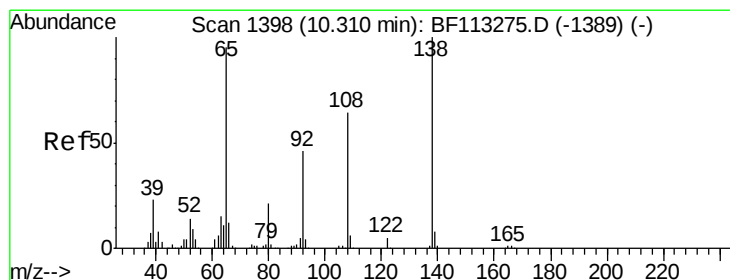
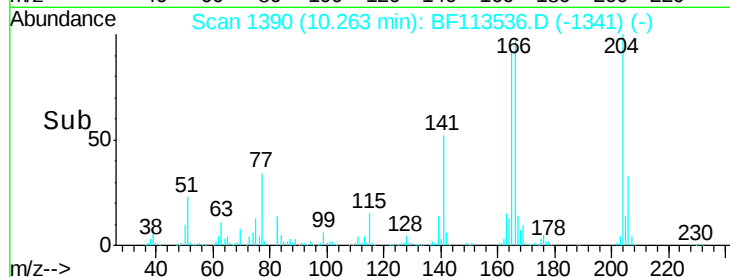
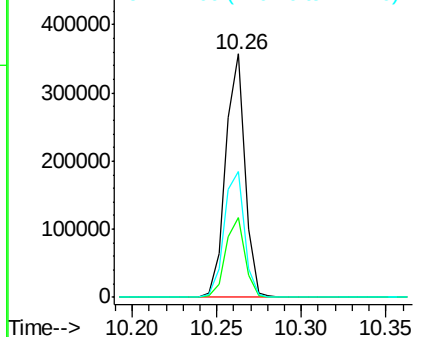


Abundance

Ion 204.00 (203.70 to 204.70): E

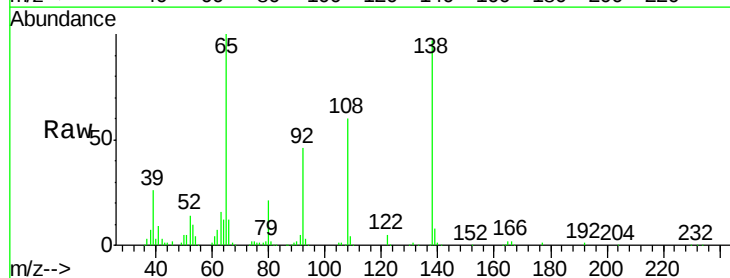
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.193 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	143987		
92	47.8	25.8	65.8	
108	61.4	44.0	84.0	

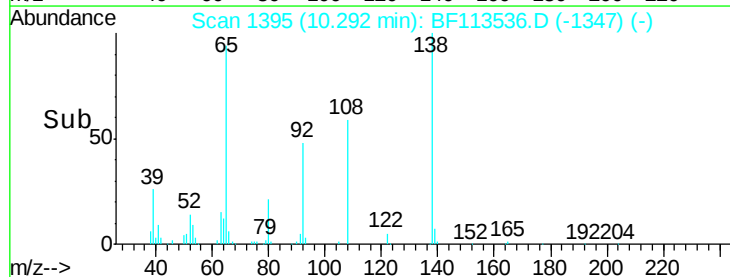
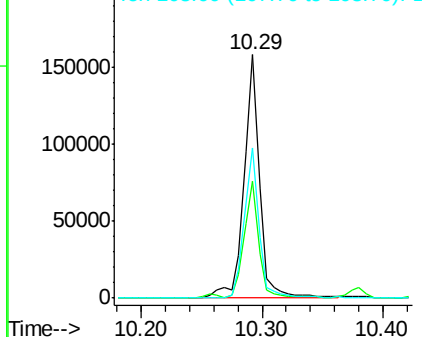


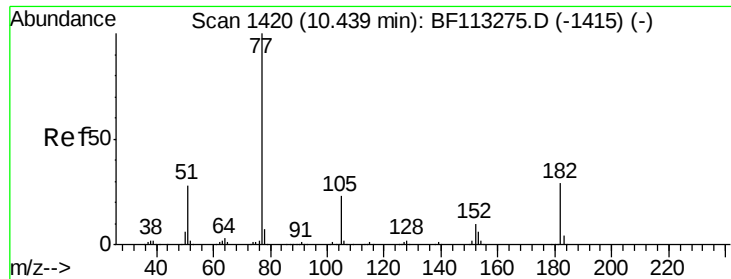
Abundance

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





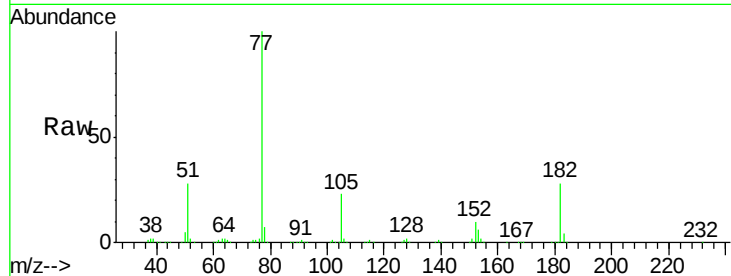
#63
Azobenzene
Concen: 39.244 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

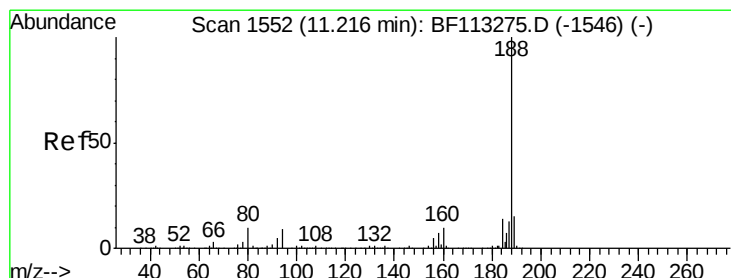
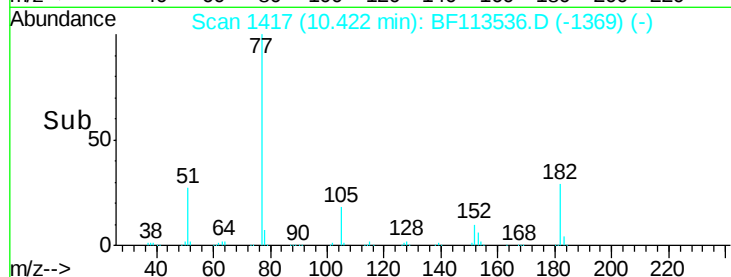
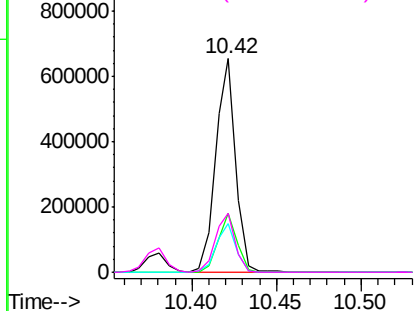
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.7	8.7	48.7
105	23.0	2.9	42.9
51	27.7	8.8	48.8

Manual Integrations
APPROVED

Sohil
4/3/2019 12:42:55 PM



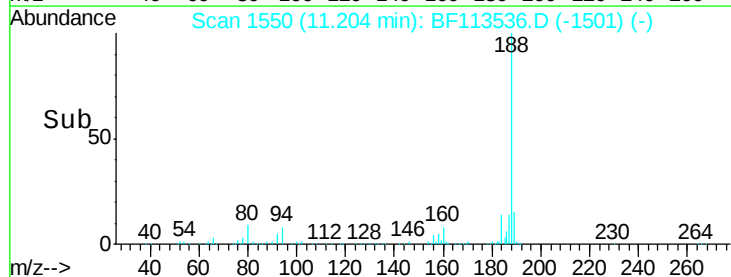
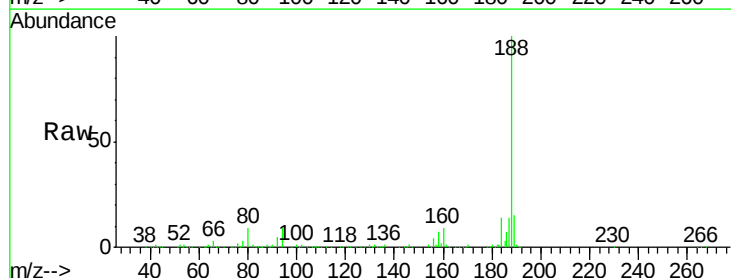
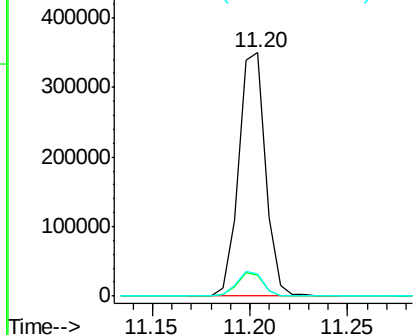
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

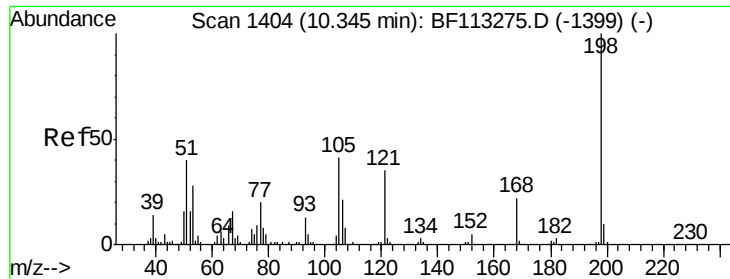


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.6
80	8.9	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





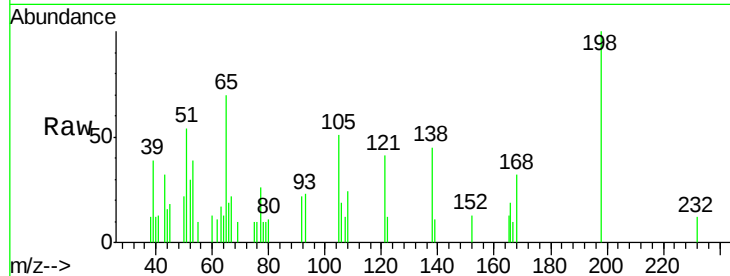
#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.995 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Instrument :
 BNA_F
 ClientSampled :
 CS-7MSD

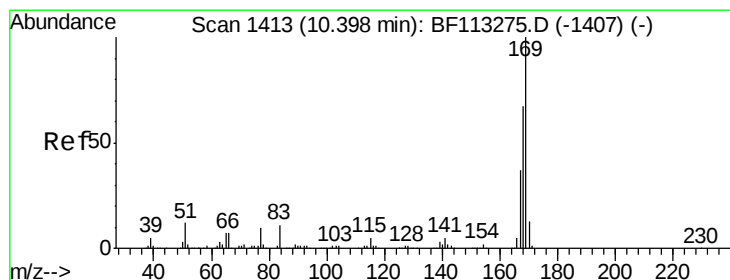
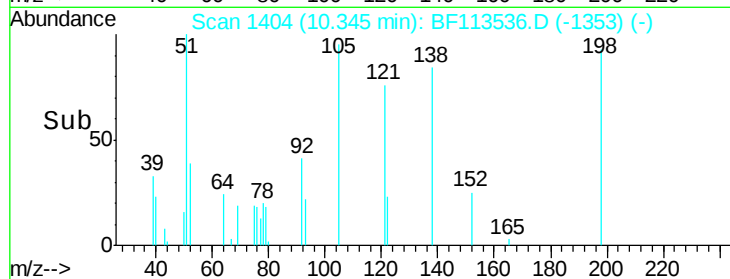
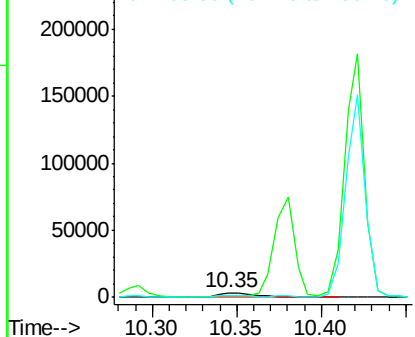
Tgt Ion	Ratio	Lower	Upper
198	100		
51	53.6	21.6	61.6
105	50.9	20.6	60.6

Manual Integrations
 APPROVED

Sohil
 4/3/2019 12:42:55 PM

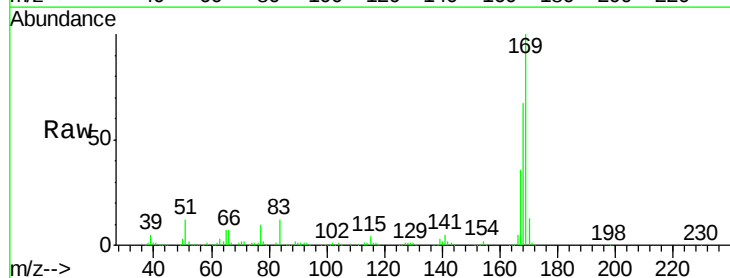


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

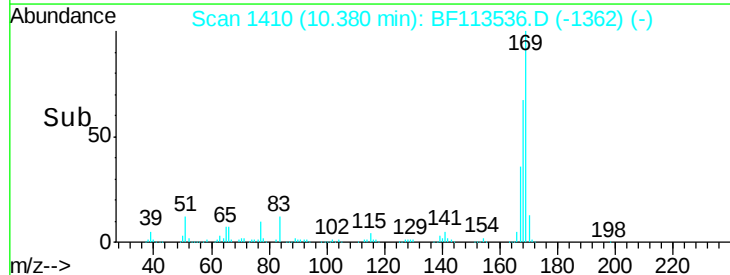
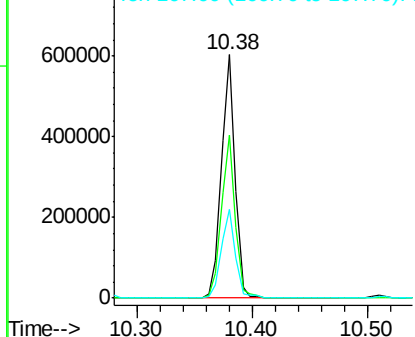


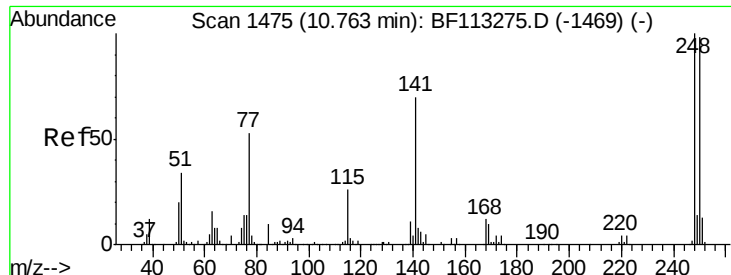
#66
 n-Nitrosodiphenylamine
 Concen: 48.428 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.7	80.5
167	36.2	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





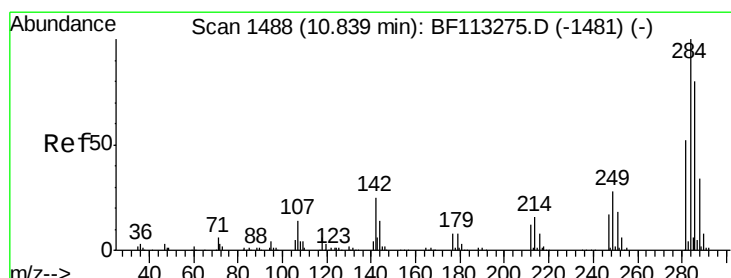
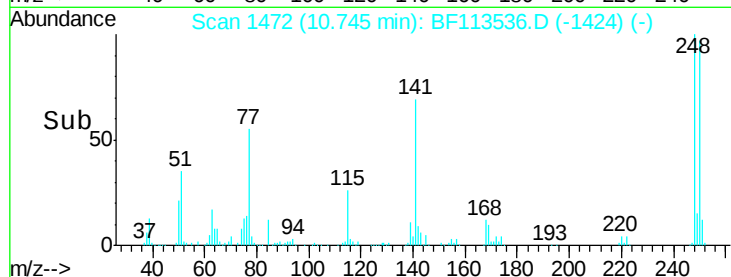
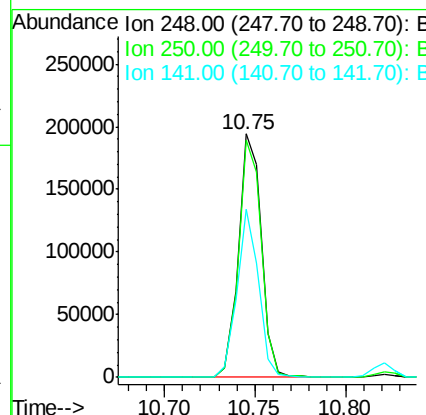
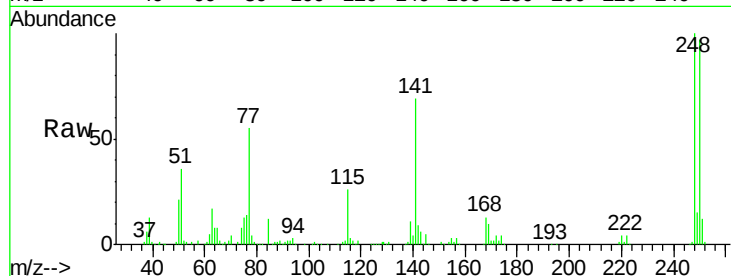
#67
 4-Bromophenyl-phenylether
 Concen: 46.895 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Instrument :
 BNA_F
 ClientSampled :
 CS-7MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.3	117.5
141	68.9	56.2	84.4

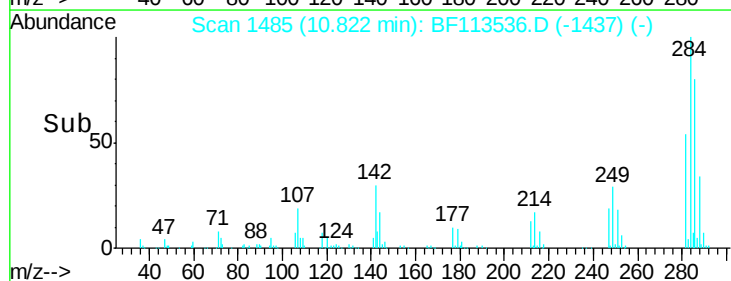
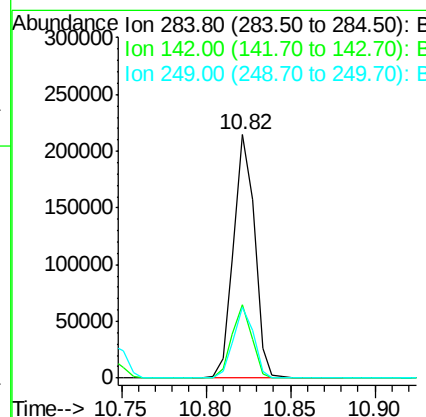
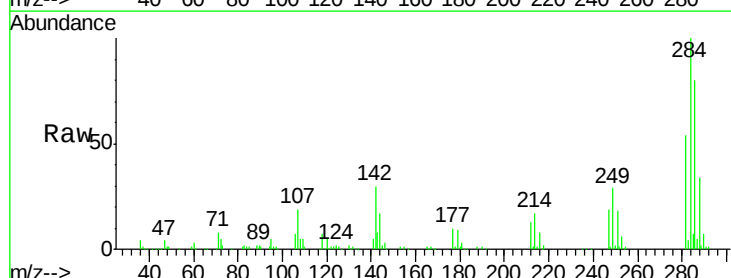
Manual Integrations
 APPROVED

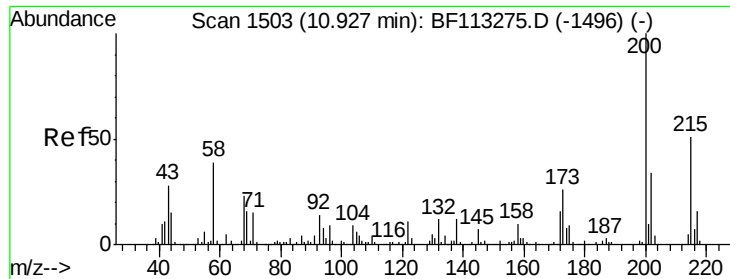
Sohil
 4/3/2019 12:42:55 PM



#68
 Hexachlorobenzene
 Concen: 43.937 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. -0.02 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	20.1	30.1#
249	28.8	22.7	34.1





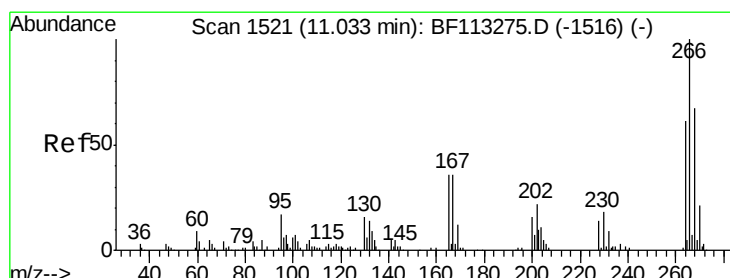
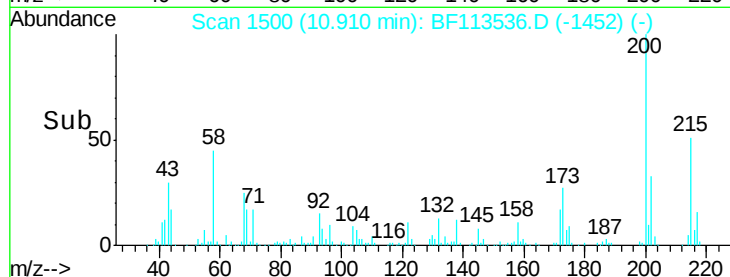
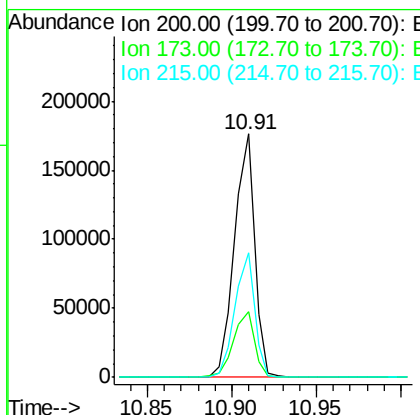
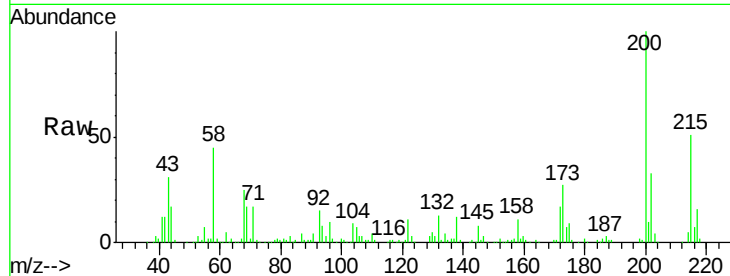
#69
 Atrazine
 Concen: 45.409 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.02 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.2	6.0	46.0
215	50.9	31.3	71.3

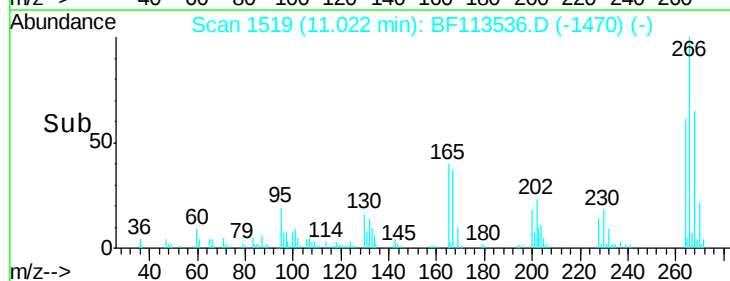
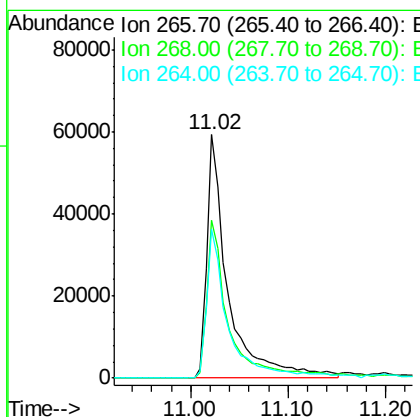
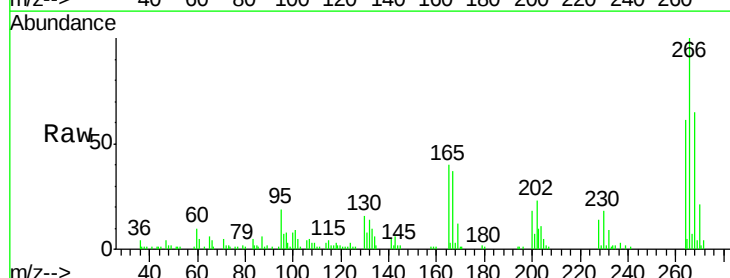
Manual Integrations
 APPROVED

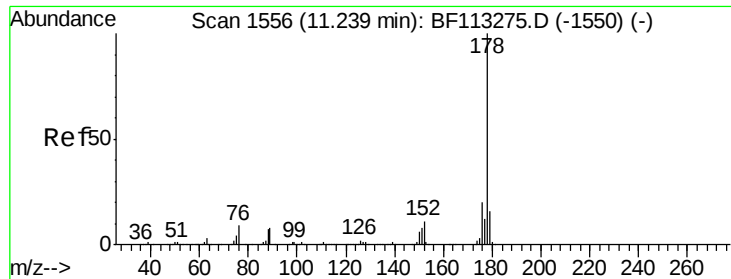
Sohil
 4/3/2019 12:42:55 PM



#70
 Pentachlorophenol
 Concen: 40.646 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.0	53.8	80.6
264	61.1	49.2	73.8





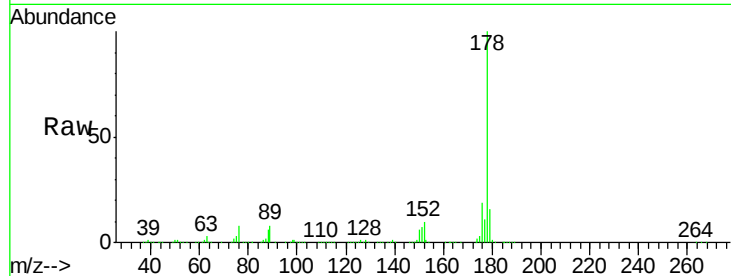
#71
Phenanthrene
Concen: 44.671 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.2
179	15.5	12.7	19.1

Manual Integrations
APPROVED

Sohil
4/3/2019 12:42:55 PM

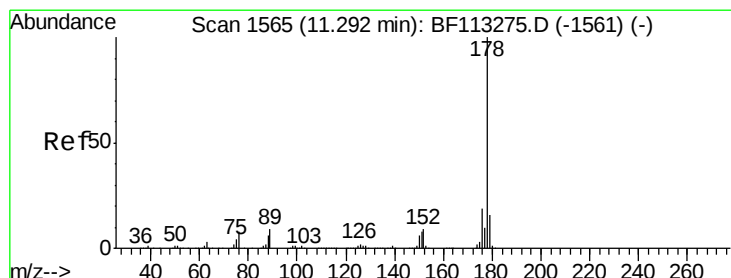
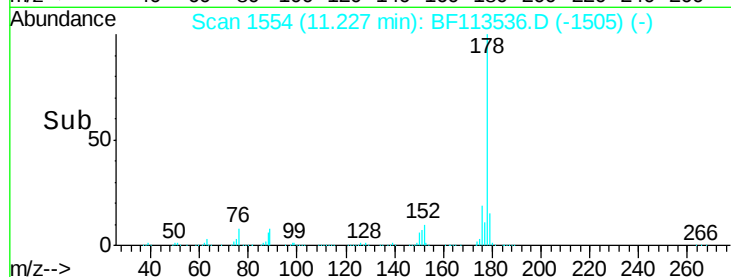
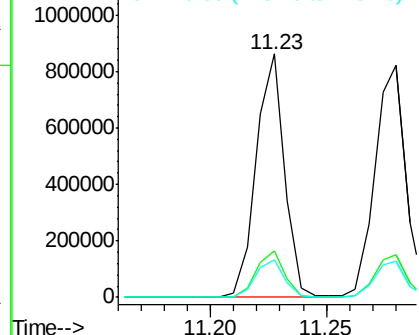


Abundance

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: 45.620 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

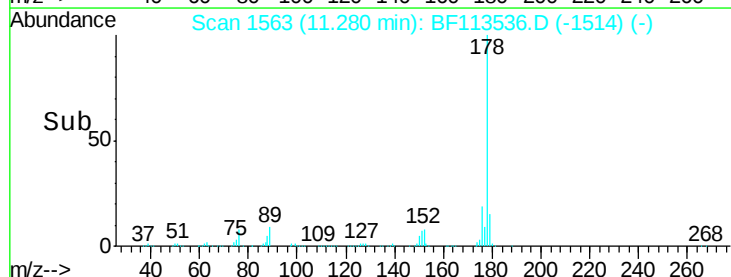
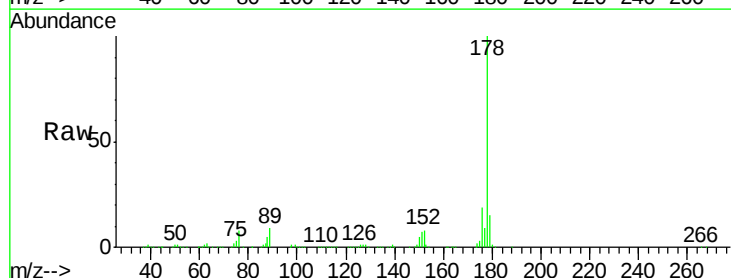
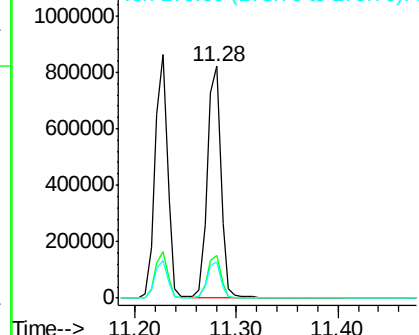
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.4	12.8	19.2

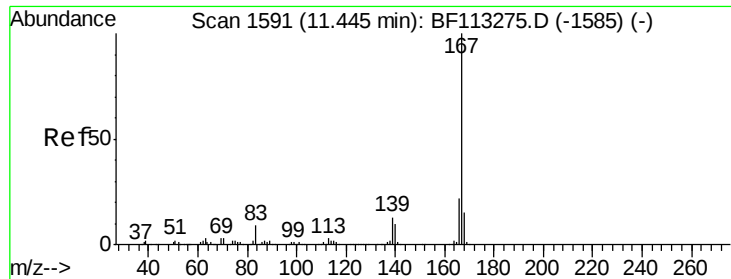
Abundance

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





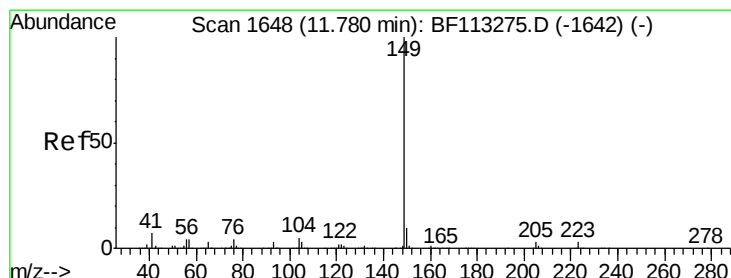
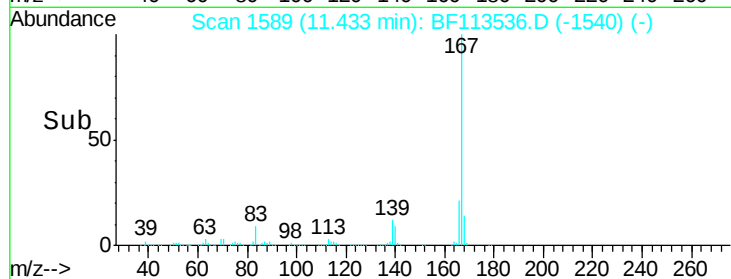
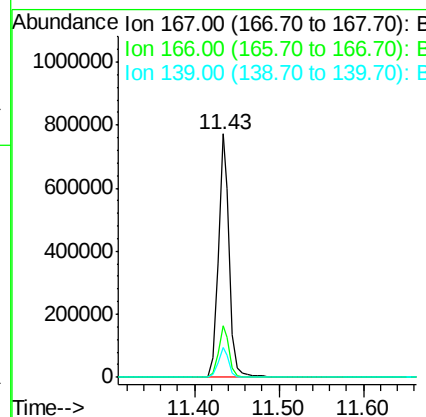
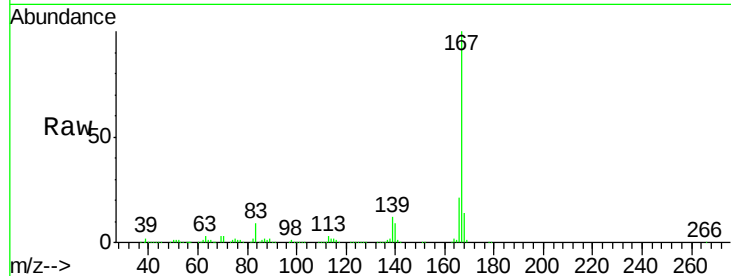
#73
 Carbazole
 Concen: 44.375 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	713366		
166	21.0		17.4	26.0
139	12.4		10.4	15.6

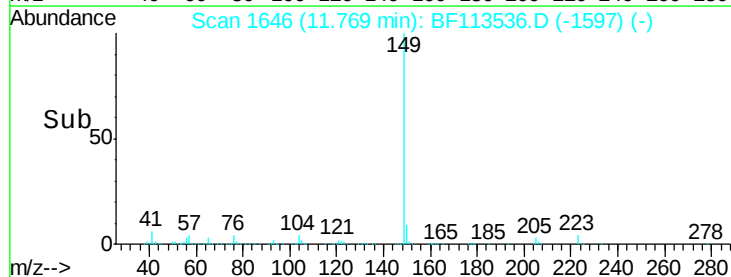
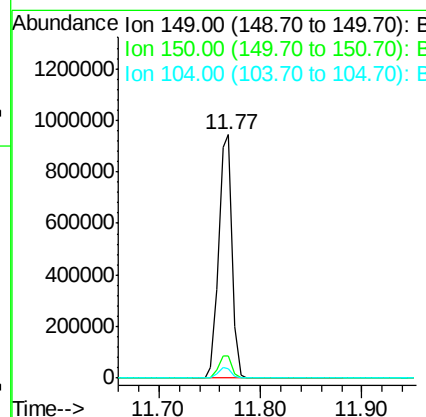
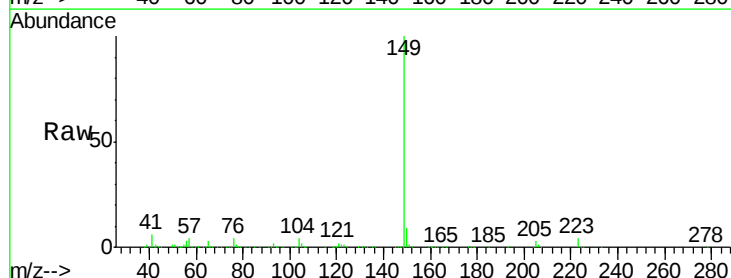
Manual Integrations
 APPROVED

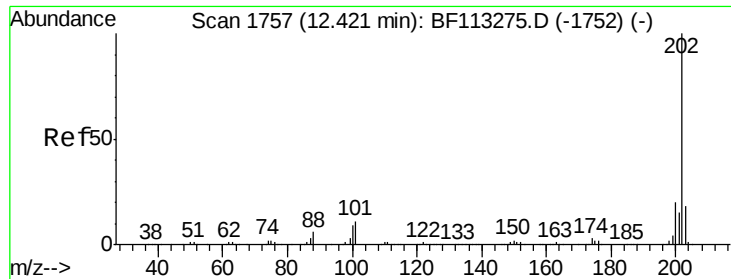
Sohil
 4/3/2019 12:42:55 PM



#74
 Di-n-butylphthalate
 Concen: 46.413 ng
 RT: 11.77 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	865255		
150	9.2		7.7	11.5
104	4.0		3.7	5.5





#75

Fluoranthene

Concen: 45.131 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

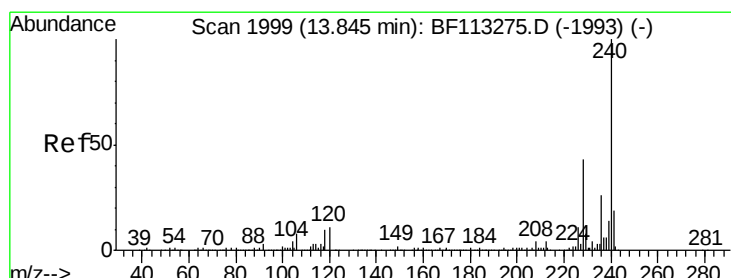
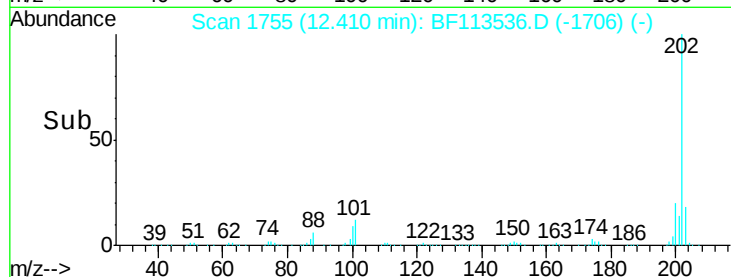
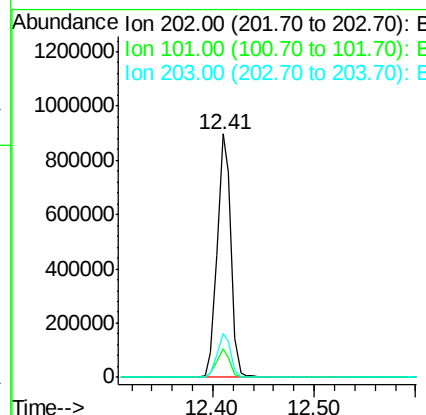
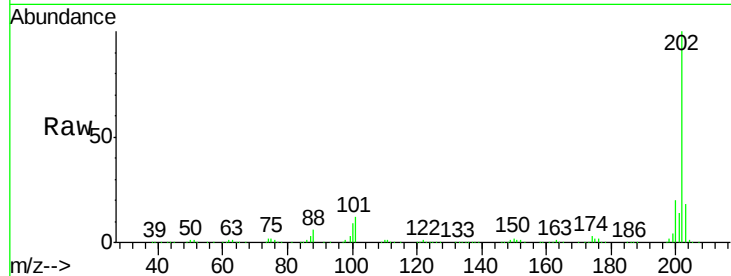
ClientSampleId :

CS-7MSD

Tgt	Ion	202	Resp:	846224
Ion	Ratio	Lower	Upper	
202	100			
101	11.6	0.0	31.4	
203	18.0	0.0	38.0	

Manual Integrations
APPROVED

Sohil
4/3/2019 12:42:55 PM



#76

Chrysene-d12

Concen: 20.000 ng

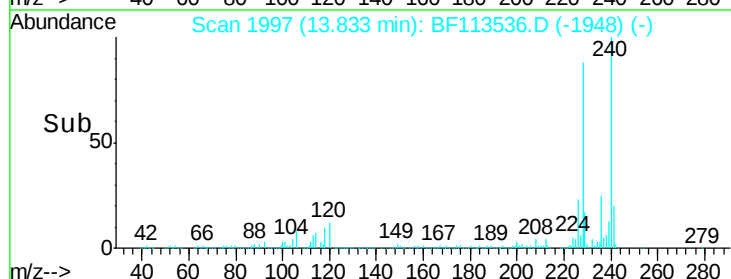
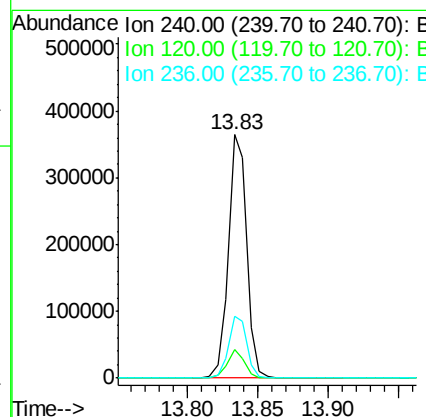
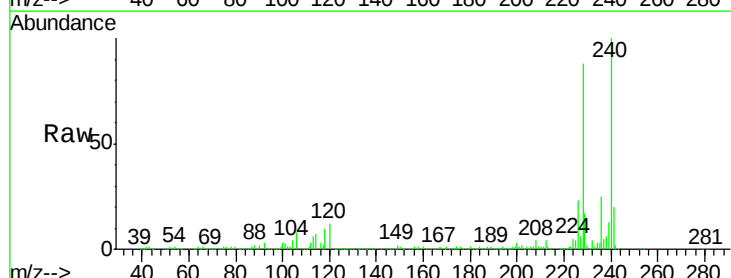
RT: 13.83 min Scan# 1997

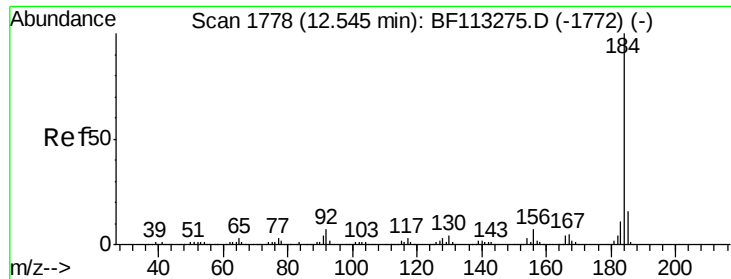
Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Tgt	Ion	240	Resp:	327380
Ion	Ratio	Lower	Upper	
240	100			
120	11.9	8.8	13.2	
236	25.5	20.9	31.3	





#77

Benzidine

Concen: 31.822 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

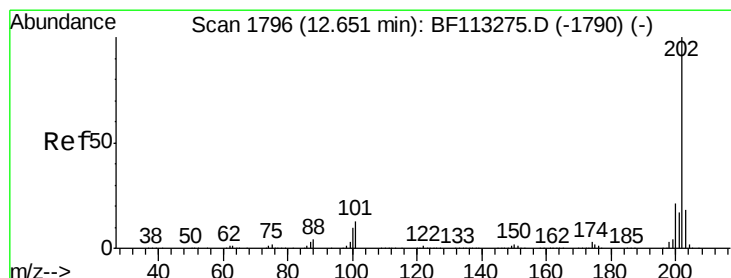
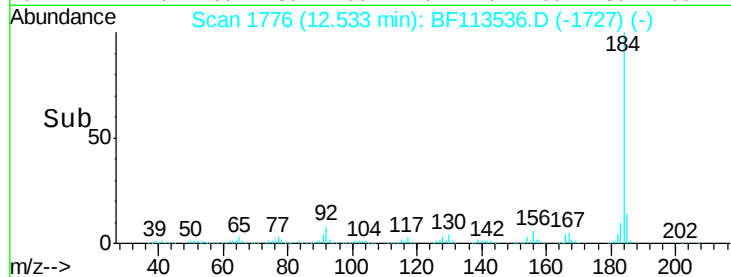
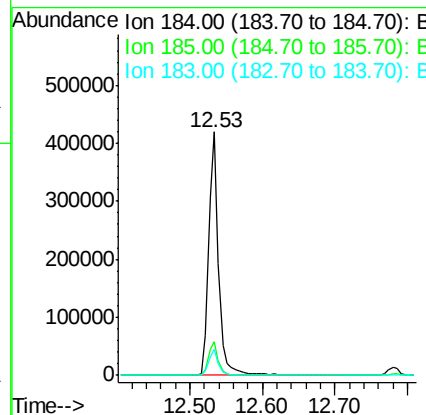
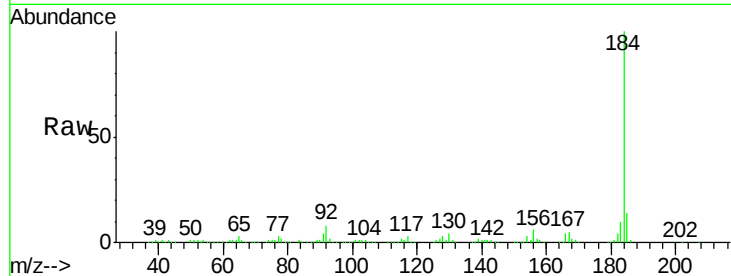
ClientSampled :

CS-7MSD

Tgt Ion:	184	Resp:	398946
Ion Ratio	Lower	Upper	
184	100		
185	13.9	13.0	19.6
183	10.5	9.0	13.4

Manual Integrations
APPROVED

Sohil
4/3/2019 12:42:55 PM



#78

Pyrene

Concen: 38.210 ng

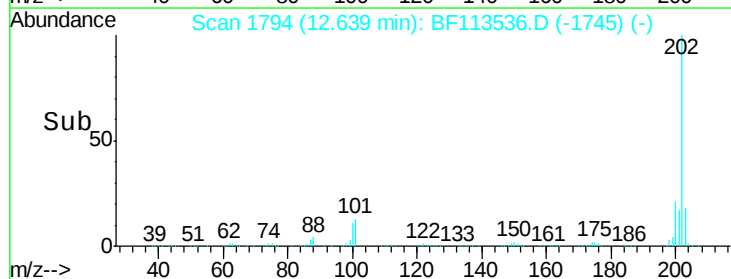
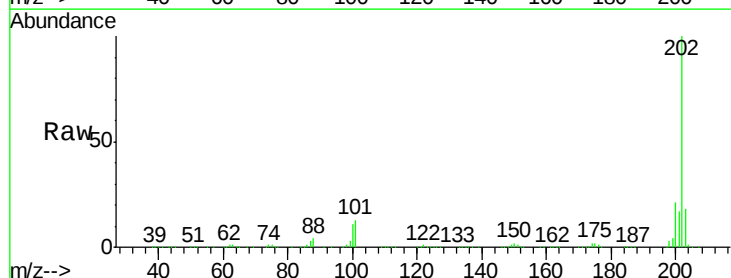
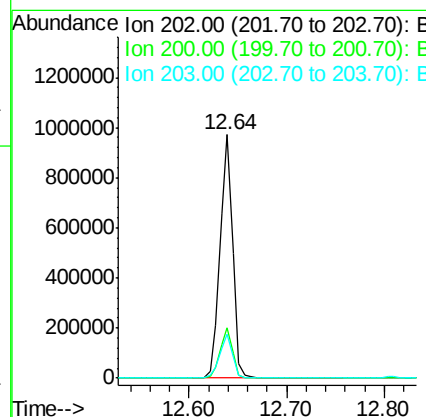
RT: 12.64 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Tgt Ion:	202	Resp:	866836
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.8	25.2
203	17.8	14.4	21.6





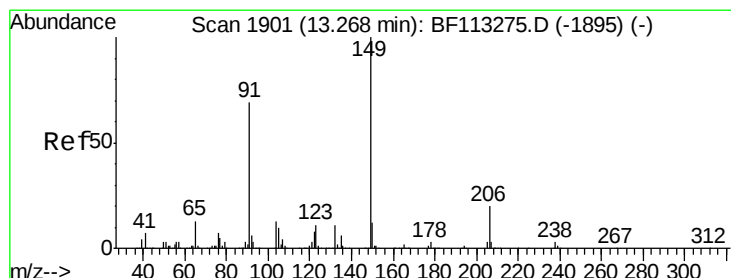
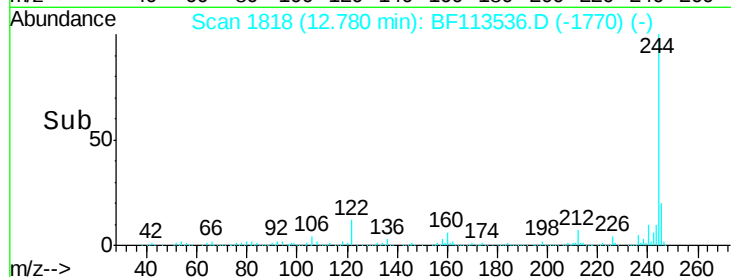
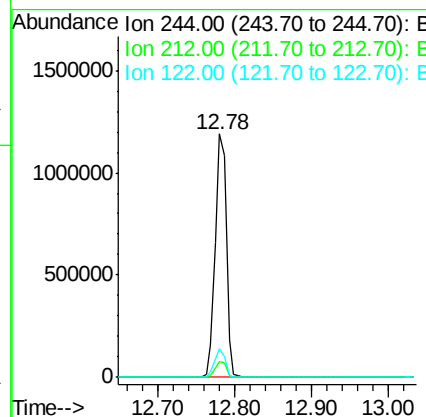
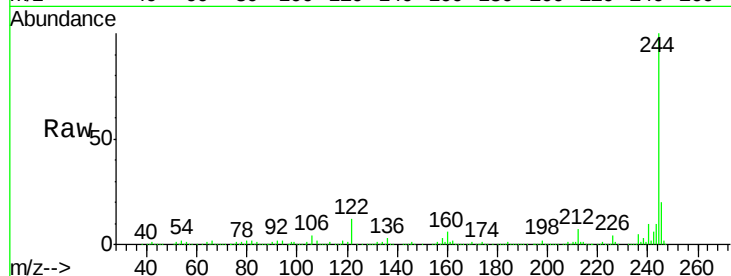
#79
 Terphenyl-d14
 Concen: 79.318 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

Tgt Ion: 244 Resp: 1178091
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 11.5 8.6 13.0

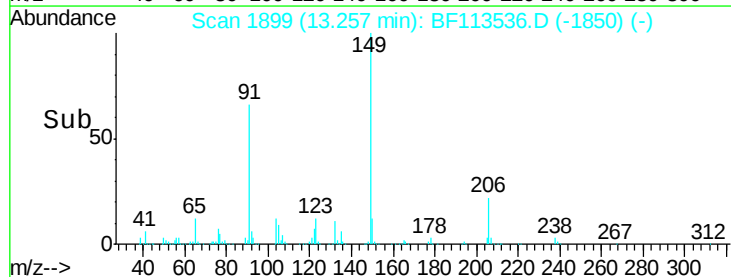
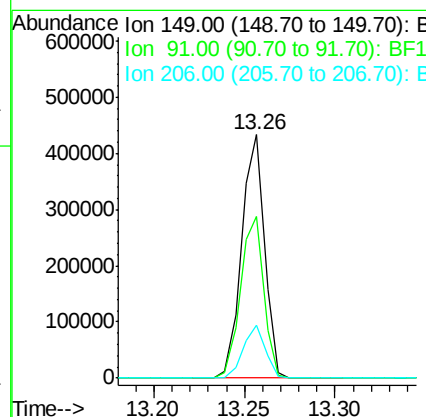
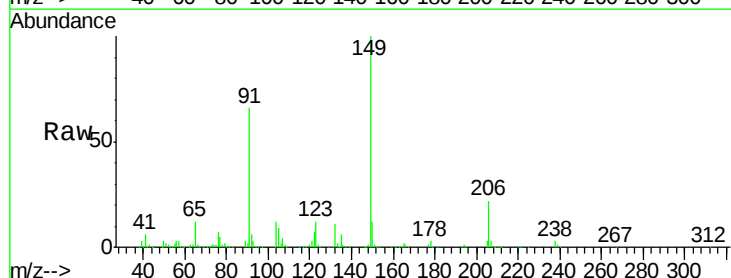
Manual Integrations
 APPROVED

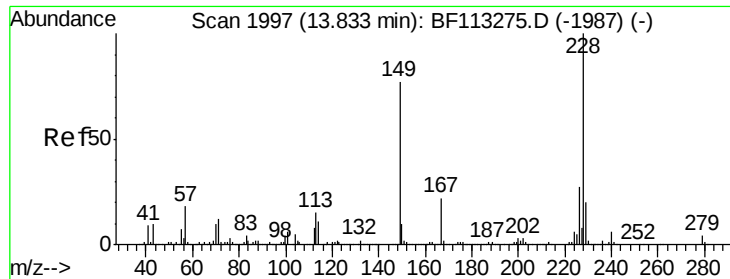
Sohil
 4/3/2019 12:42:55 PM



#80
 Butylbenzylphthalate
 Concen: 38.091 ng
 RT: 13.26 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion: 149 Resp: 380838
 Ion Ratio Lower Upper
 149 100
 91 66.4 55.2 82.8
 206 21.9 16.1 24.1





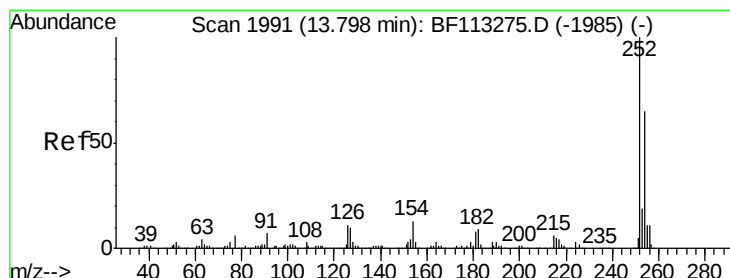
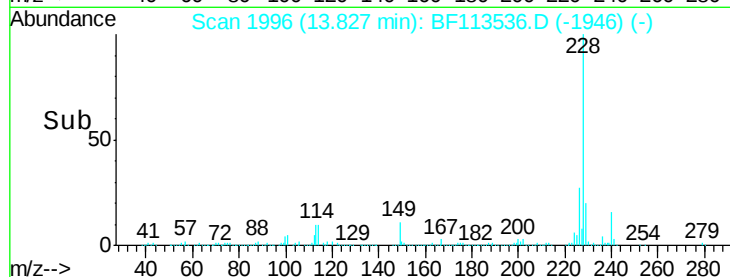
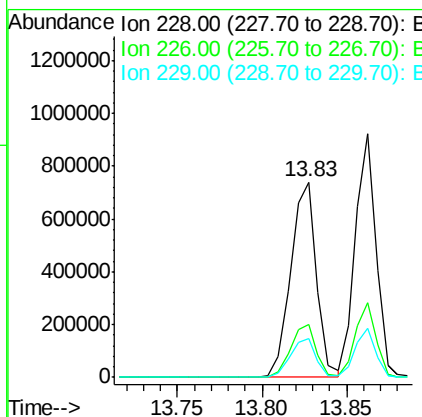
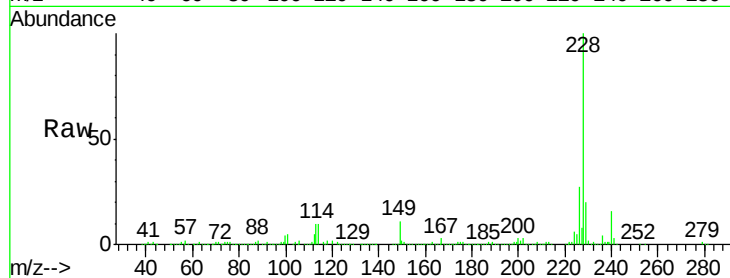
#81
Benzo(a)anthracene
Concen: 41.620 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.8	16.2	24.4

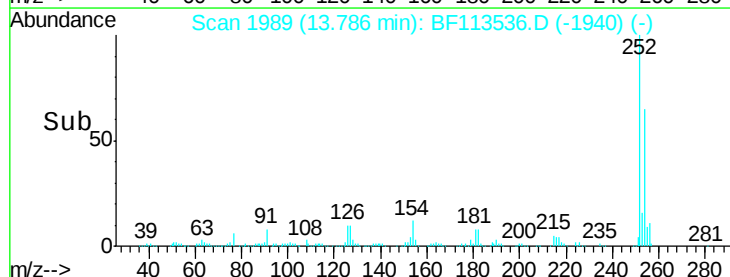
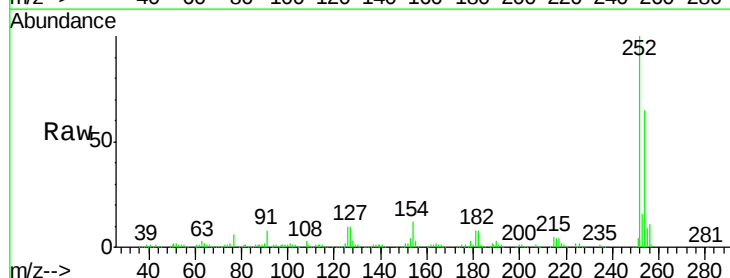
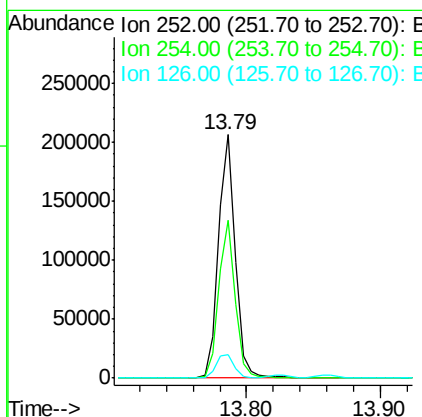
Manual Integrations
APPROVED

Sohil
4/3/2019 12:42:55 PM



#82
3,3'-Dichlorobenzidine
Concen: 24.605 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.2	78.2
126	9.6	8.5	12.7





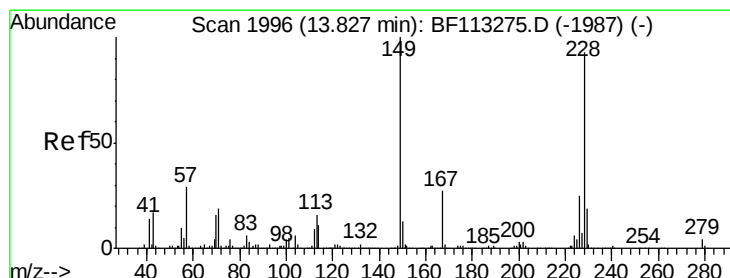
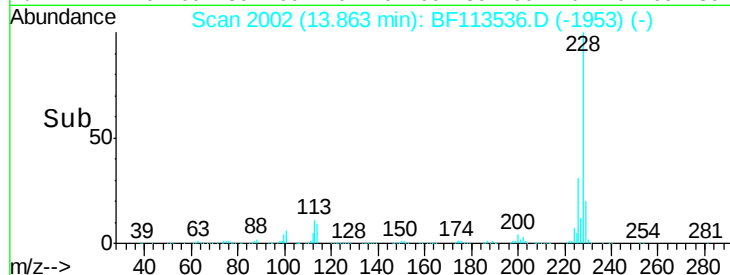
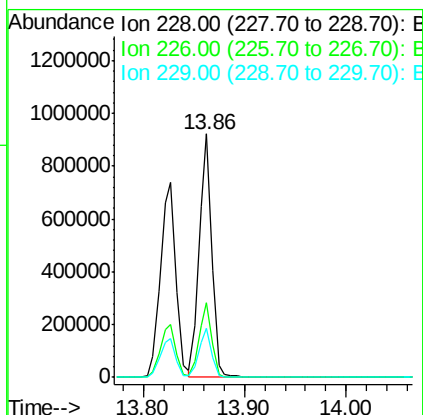
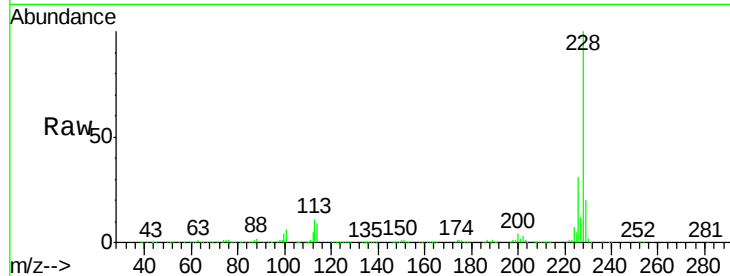
#83
Chrysene
Concen: 41.657 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.3	36.5
229	20.1	16.3	24.5

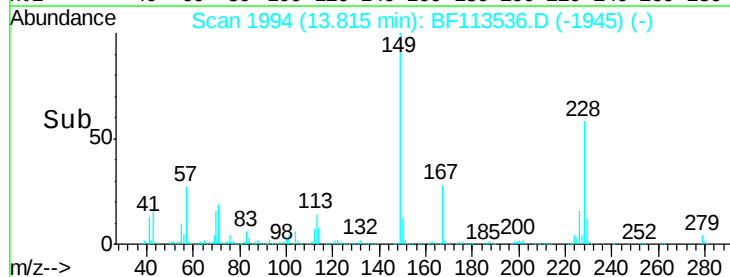
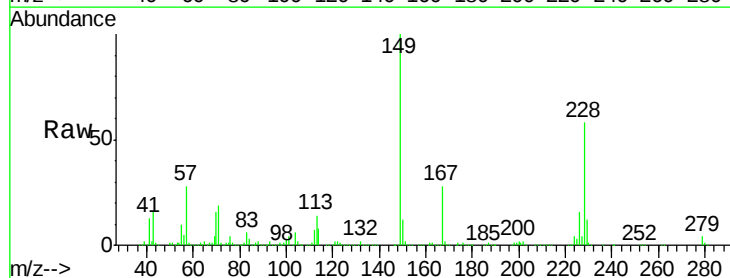
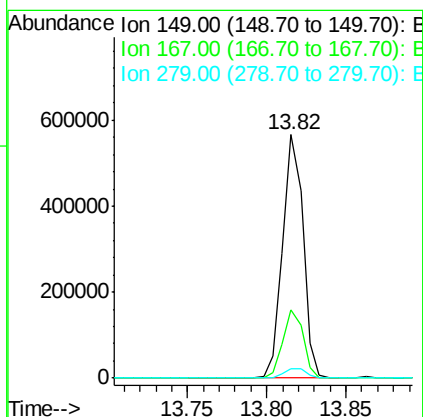
Manual Integrations
APPROVED

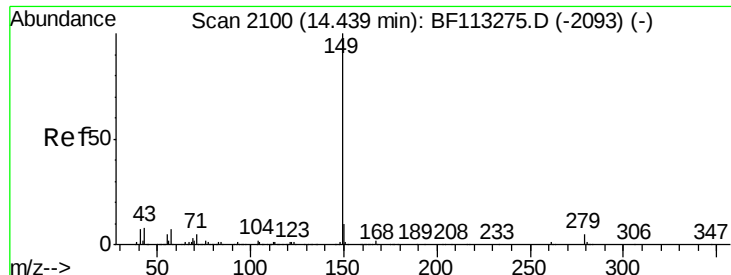
Sohil
4/3/2019 12:42:55 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.394 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.8	32.8
279	3.9	2.9	4.3





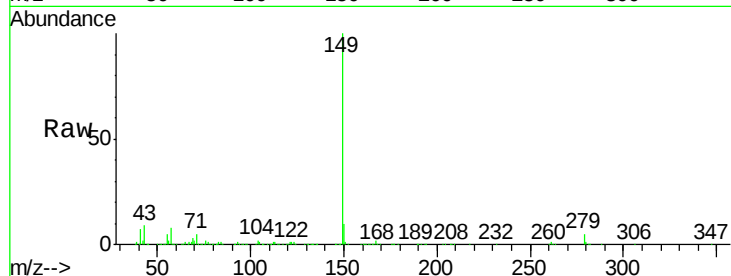
#85
Di-n-octyl phthalate
Concen: 46.056 ng
RT: 14.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

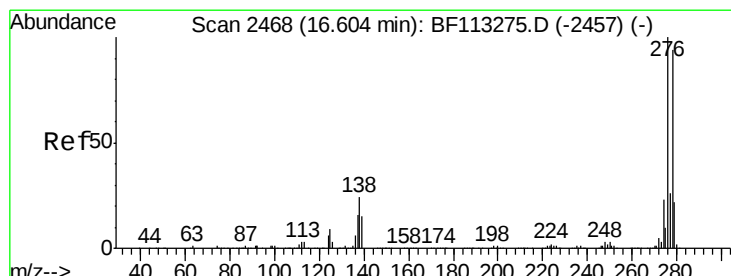
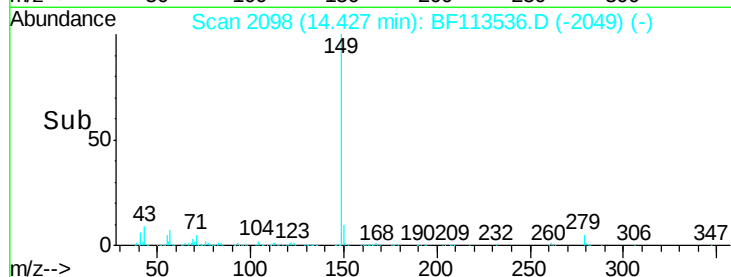
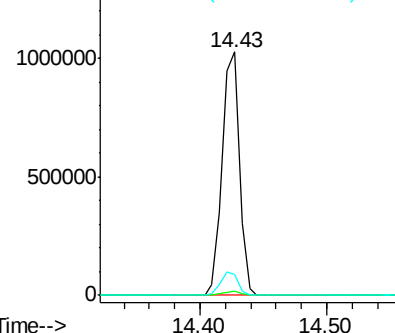
Tgt Ion:	149	Resp:	958189
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	9.5	7.7	11.5

Manual Integrations
APPROVED

Sohil
4/3/2019 12:42:55 PM



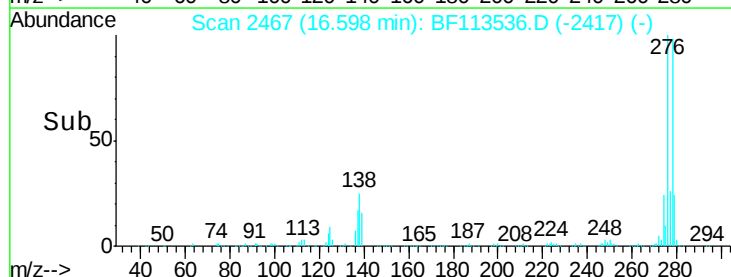
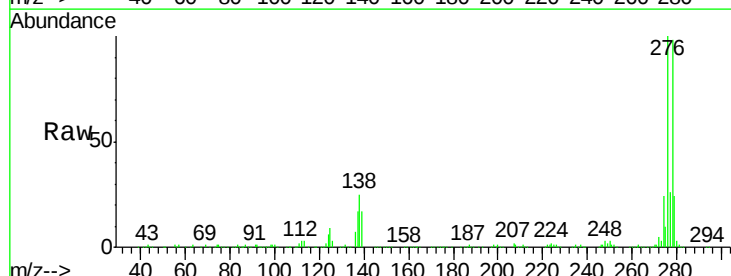
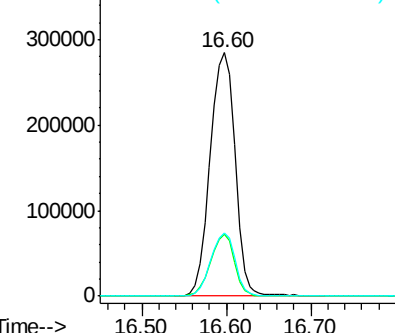
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

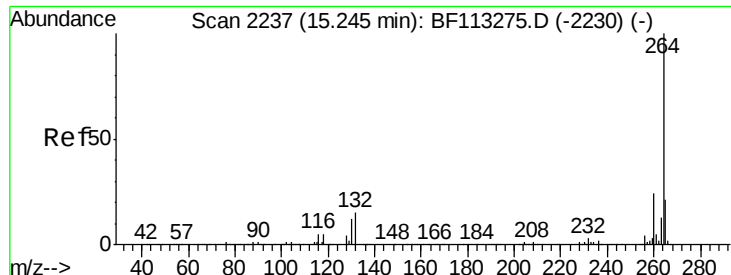


#86
Indeno(1,2,3-cd)pyrene
Concen: 35.682 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion:	276	Resp:	582899
Ion Ratio	Lower	Upper	
276	100		
138	24.2	18.1	27.1
277	25.3	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





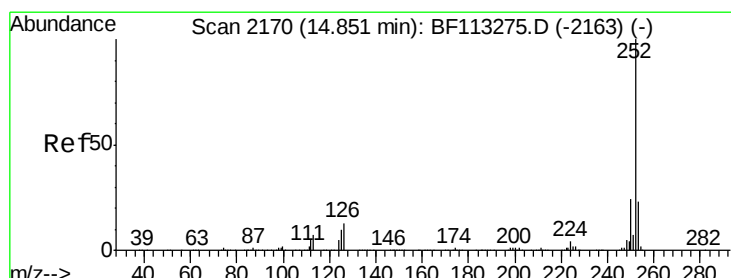
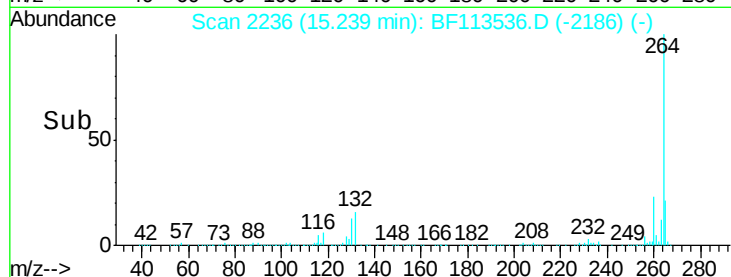
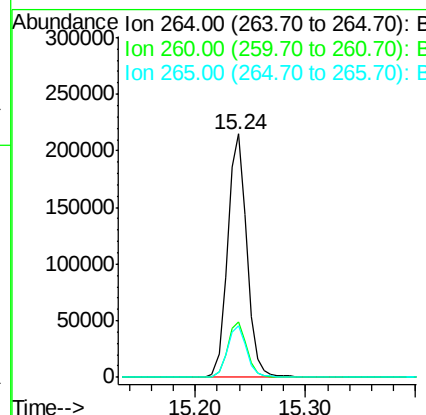
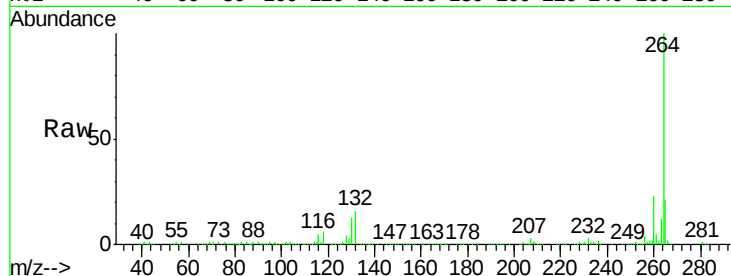
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	261725		
260	22.9	19.1	28.7	
265	21.1	17.1	25.7	

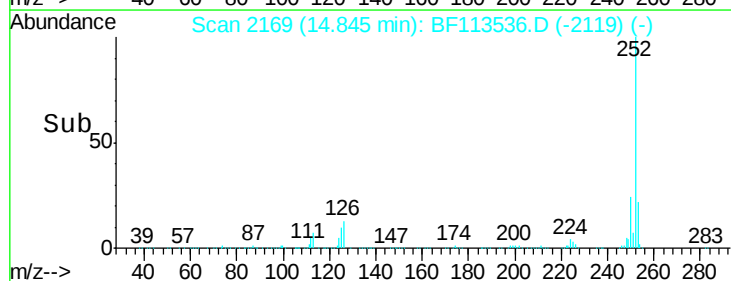
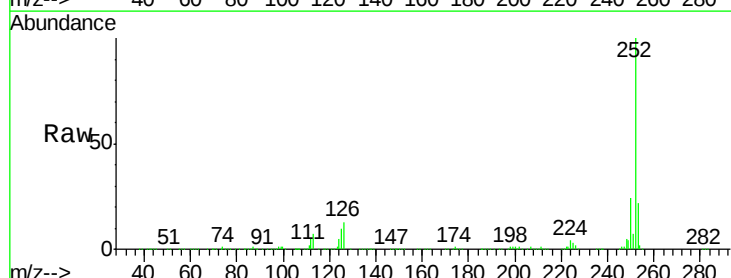
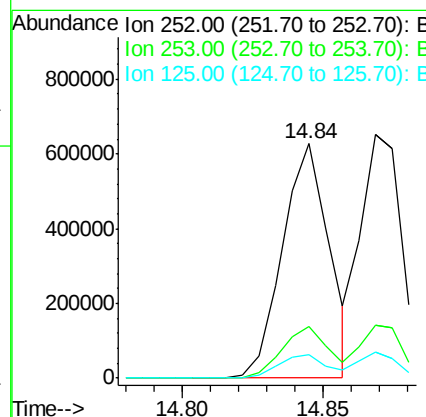
Manual Integrations
 APPROVED

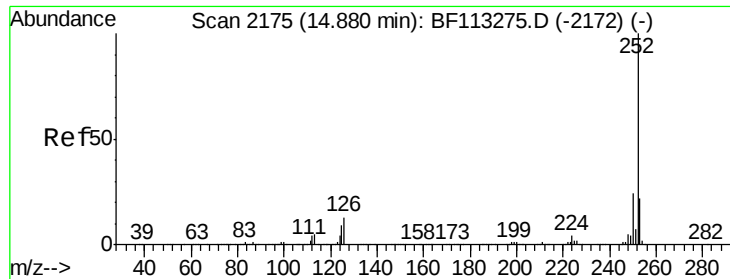
Sohil
 4/3/2019 12:42:55 PM



#88
 Benzo(b)fluoranthene
 Concen: 44.315 ng
 RT: 14.84 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	720488		
253	22.2	18.0	27.0	
125	9.8	7.6	11.4	





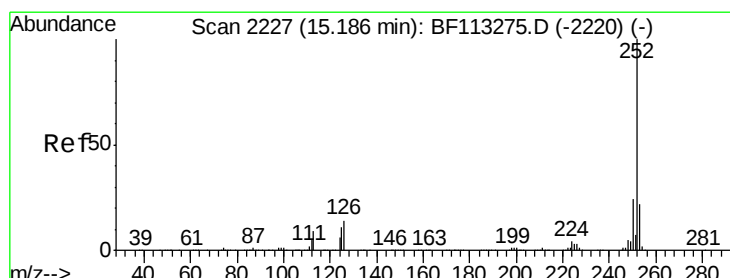
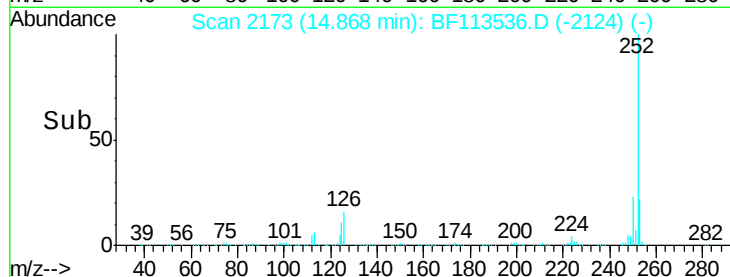
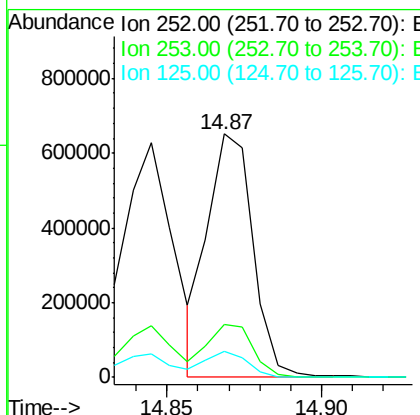
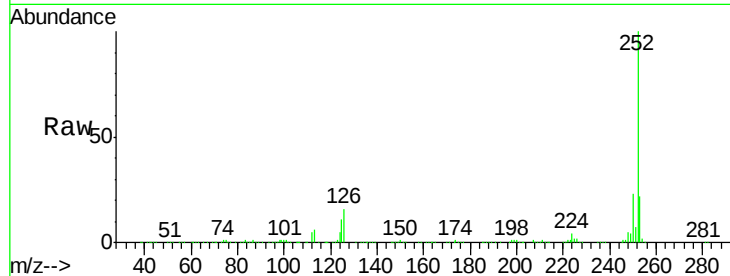
#89
Benzo(k)fluoranthene
Concen: 46.437 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampled :
CS-7MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	10.9	7.3	10.9

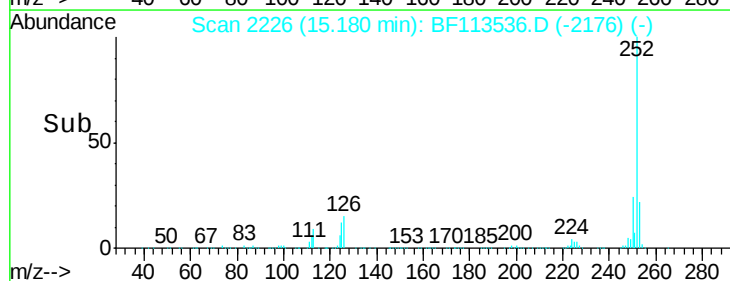
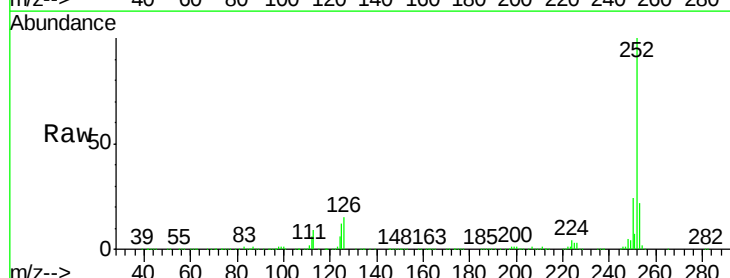
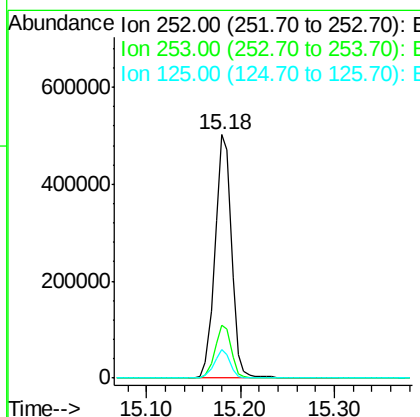
Manual Integrations
APPROVED

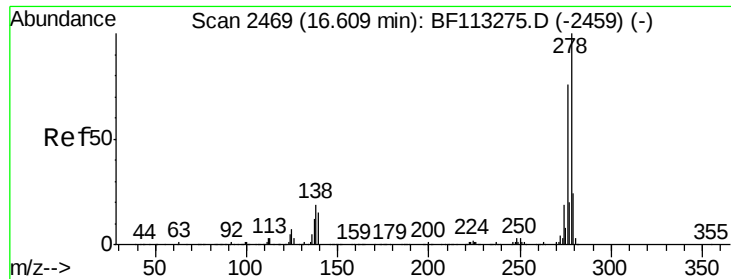
Sohil
4/3/2019 12:42:55 PM



#90
Benzo(a)pyrene
Concen: 43.326 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	11.6	8.8	13.2





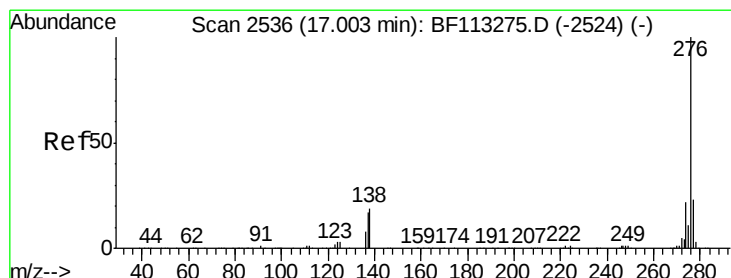
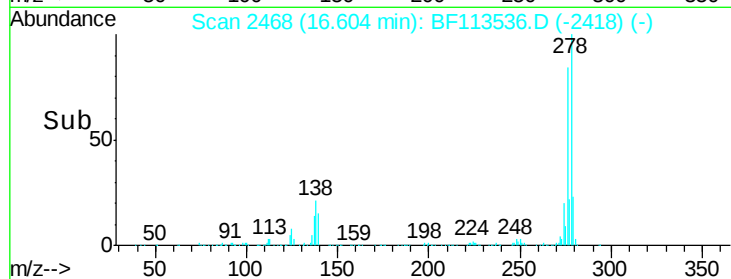
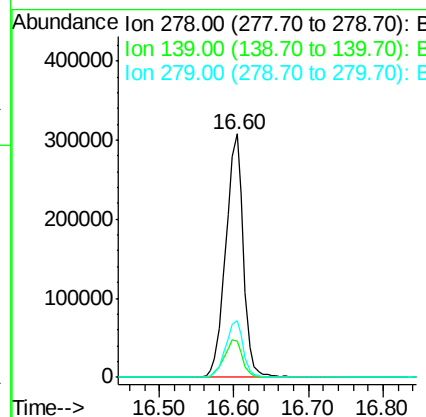
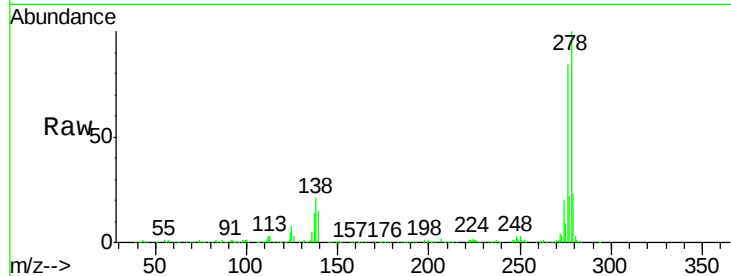
#91
Dibenzo(a,h)anthracene
Concen: 40.675 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.0	18.0
279	23.4	19.0	28.6

Manual Integrations
APPROVED

Sohil
4/3/2019 12:42:55 PM



#92
Benzo(g,h,i)perylene
Concen: 38.353 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.00 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	19.7	15.6	23.4

