

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113326.D
 Acq On : 27 Mar 2019 13:00
 Operator : JU/SJ
 Sample : K1933-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Manual Integrations
 APPROVED

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

Quant Time: Mar 28 01:31:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	179185	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	672493	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	330226	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	661614	20.00	ng	0.00
76) Chrysene-d12	13.84	240	409322	20.00	ng	0.00
87) Perylene-d12	15.24	264	408699	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1406278	128.33	ng	0.01
7) Phenol-d6	6.36	99	1830680	132.05	ng	0.00
23) Nitrobenzene-d5	7.27	82	1137482	100.39	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	512293	125.59	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1832422	87.49	ng	0.00
79) Terphenyl-d14	12.79	244	1829525	98.52	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.40	88	208702	37.536	ng	97
3) Pyridine	3.12	79	543774	39.672	ng	96
4) n-Nitrosodimethylamine	3.05	42	248327	40.754	ng	95
6) Aniline	6.37	93	235297	13.938	ng	# 19
8) 2-Chlorophenol	6.50	128	523732	41.156	ng	95
9) Benzaldehyde	6.25	77	178324	19.169	ng	98
10) Phenol	6.37	94	645504	40.786	ng	# 72
11) bis(2-Chloroethyl)ether	6.45	93	505456	41.664	ng	99
12) 1,3-Dichlorobenzene	6.65	146	545126	39.740	ng	99
13) 1,4-Dichlorobenzene	6.72	146	554987	41.903	ng	99
14) 1,2-Dichlorobenzene	6.87	146	513134	39.381	ng	98
15) Benzyl Alcohol	6.86	79	414270	45.297	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	781585	42.885	ng	94
17) 2-Methylphenol	6.97	107	441239	44.244	ng	99
18) Hexachloroethane	7.22	117	200131	42.070	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	355819	40.861	ng	100
20) 3+4-Methylphenols	7.13	107	544600	48.049	ng	99
22) Acetophenone	7.12	105	722569	47.114	ng	97
24) Nitrobenzene	7.29	77	556175	47.041	ng	99
25) Isophorone	7.53	82	1031637	46.983	ng	100
26) 2-Nitrophenol	7.60	139	295921	47.351	ng	97
27) 2,4-Dimethylphenol	7.65	122	483535	53.787	ng	100
28) bis(2-Chloroethoxy)methane	7.74	93	657683	47.564	ng	99
29) 2,4-Dichlorophenol	7.85	162	469032	48.145	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	480335	45.700	ng	98
31) Naphthalene	8.01	128	1489481	45.324	ng	100
32) Benzoic acid	7.73	122	24113m	3.332	ng	
33) 4-Chloroaniline	8.06	127	148225	11.567	ng	99
34) Hexachlorobutadiene	8.13	225	277466	44.416	ng	99
35) Caprolactam	8.43	113	143315m	45.837	ng	
36) 4-Chloro-3-methylphenol	8.56	107	484526	49.448	ng	97
37) 2-Methylnaphthalene	8.70	142	1008072	49.161	ng	99
38) 1-Methylnaphthalene	8.80	142	950698	48.201	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	462593	43.640	ng	99

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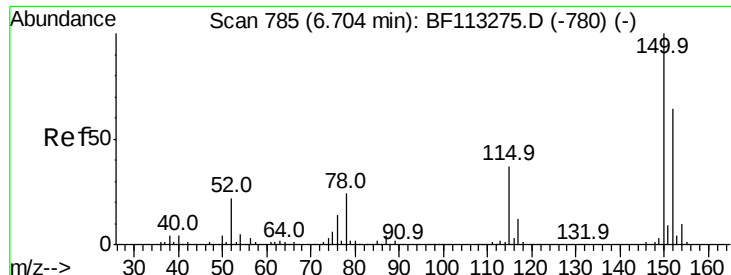
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	381275	84.977	nq	99
43) 2,4,6-Trichlorophenol	8.99	196	323682	46.891	nq	100
44) 2,4,5-Trichlorophenol	9.03	196	347544	45.494	nq	99
46) 1,1'-Biphenyl	9.16	154	1218655	44.186	nq	99
47) 2-Chloronaphthalene	9.19	162	936818	44.116	nq	99
48) 2-Nitroaniline	9.29	65	315216	47.301	nq	100
49) Acenaphthylene	9.60	152	1518868	44.236	nq	99
50) Dimethylphthalate	9.47	163	1259821	51.479	nq	99
51) 2,6-Dinitrotoluene	9.53	165	258696	46.858	nq	99
52) Acenaphthene	9.77	154	863512	44.658	nq	100
53) 3-Nitroaniline	9.69	138	146673	23.558	nq	94
54) 2,4-Dinitrophenol	9.81	184	48294	17.588	nq	89
55) Dibenzofuran	9.95	168	1292471	44.462	nq	98
56) 4-Nitrophenol	9.87	139	339853	76.565	nq	96
57) 2,4-Dinitrotoluene	9.93	165	323540	46.082	nq	99
58) Fluorene	10.29	166	982904	43.526	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	266555	41.262	nq	97
60) Diethylphthalate	10.16	149	1110984	46.277	nq	99
61) 4-Chlorophenyl-phenylether	10.27	204	489155	44.444	nq	96
62) 4-Nitroaniline	10.31	138	281193	43.866	nq	99
63) Azobenzene	10.43	77	1022685	45.254	nq	97
65) 4,6-Dinitro-2-methylphenol	10.35	198	81795	22.599	nq	99
66) n-Nitrosodiphenylamine	10.40	169	927693	45.695	nq	100
67) 4-Bromophenyl-phenylether	10.76	248	327397	45.402	nq	98
68) Hexachlorobenzene	10.83	284	382644	45.715	nq	# 93
69) Atrazine	10.93	200	302485	47.204	nq	97
70) Pentachlorophenol	11.03	266	245989	56.408	nq	99
71) Phenanthrene	11.24	178	1453209	44.230	nq	99
72) Anthracene	11.29	178	1522641	45.625	nq	99
73) Carbazole	11.44	167	1441297	45.260	nq	99
74) Di-n-butylphthalate	11.78	149	1686091	45.658	nq	100
75) Fluoranthene	12.42	202	1549850	41.727	nq	99
77) Benzidine	12.54	184	191640	12.226	nq	96
78) Pyrene	12.65	202	1528003	53.870	nq	100
80) Butylbenzylphthalate	13.27	149	657332	52.584	nq	95
81) Benzo(a)anthracene	13.83	228	1048741	44.760	nq	100
82) 3,3'-Dichlorobenzidine	13.79	252	209264	22.263	nq	96
83) Chrysene	13.87	228	1087521	45.697	nq	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	767677	50.095	nq	98
85) Di-n-octyl phthalate	14.43	149	1242094	47.750	nq	99
86) Indeno(1,2,3-cd)pyrene	16.60	276	1291147	63.215	nq	99
88) Benzo(b)fluoranthene	14.84	252	1126860	44.385	nq	99
89) Benzo(k)fluoranthene	14.87	252	925953	41.531	nq	99
90) Benzo(a)pyrene	15.19	252	1027002	45.629	nq	99
91) Dibenzo(a,h)anthracene	16.61	278	1068228	54.889	nq	99
92) Benzo(g,h,i)perylene	17.00	276	1118867	57.019	nq	98

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



#1

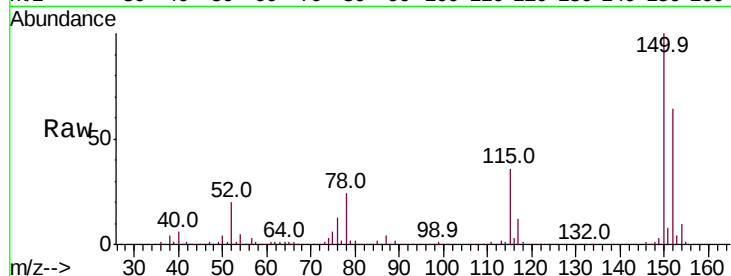
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampled :
S-1MSD

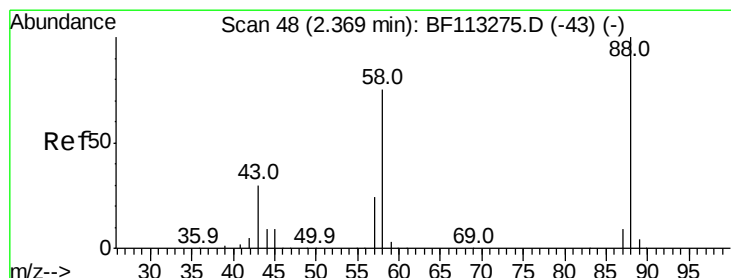
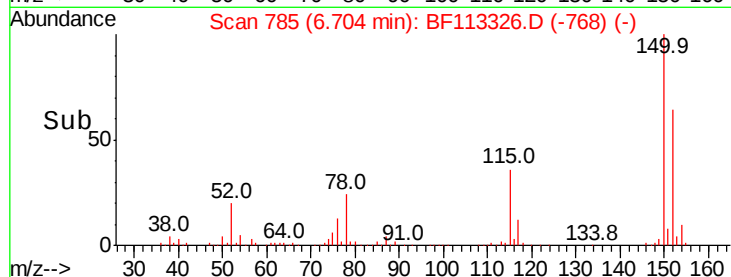
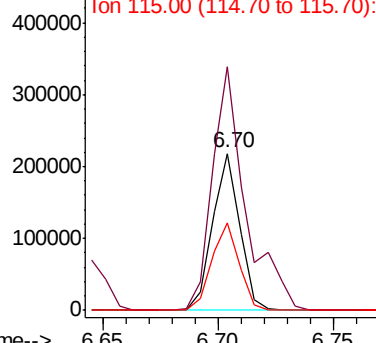
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.7	187.1
115	56.0	46.0	69.0

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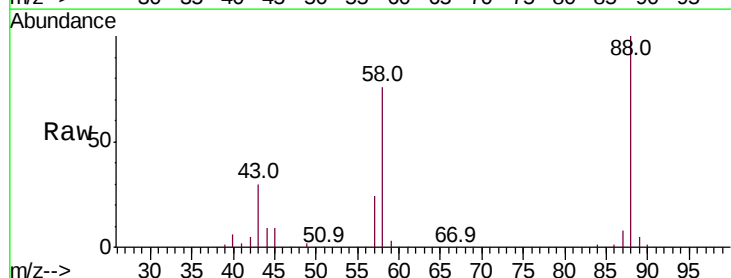
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



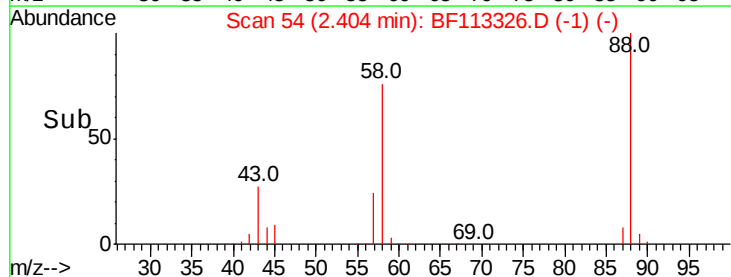
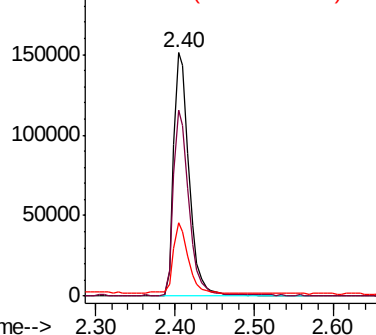
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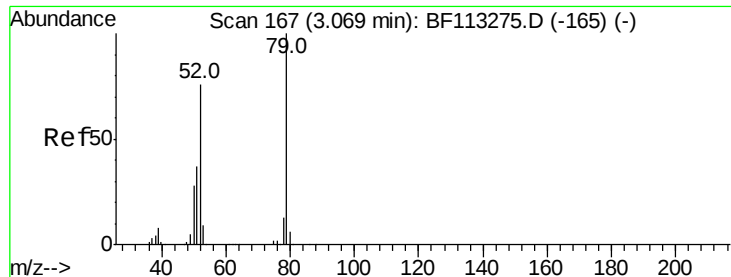
1,4-Dioxane
Concen: 37.536 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.04 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.4	61.9	92.9
43	28.0	24.2	36.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.672 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.05 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

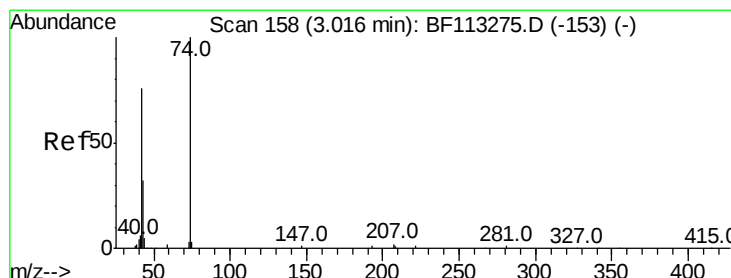
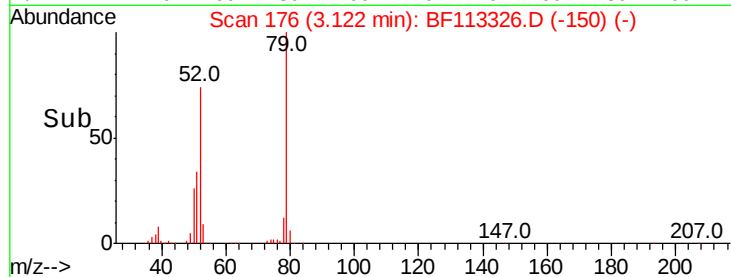
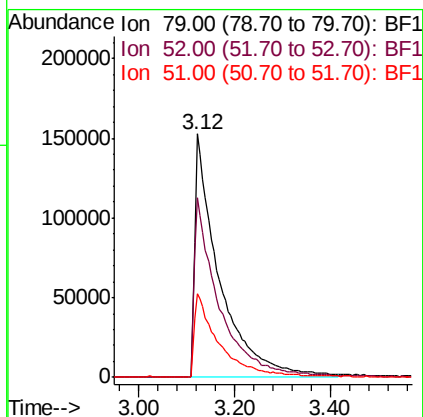
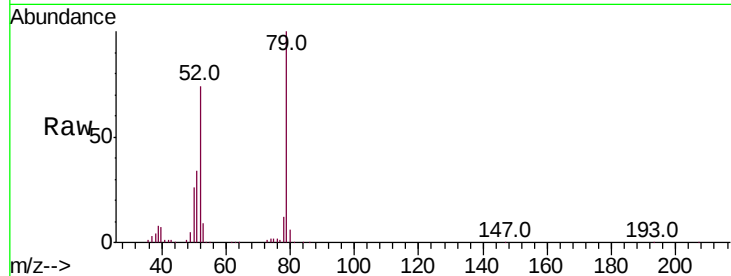
ClientSampleId :

S-1MSD

Tot Ion:	79	Resp:	543774
Ion Ratio	Lower	Upper	
79	100		
52	73.6	61.0	91.4
51	34.4	30.6	45.8

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#4

n-Nitrosodimethylamine

Concen: 40.754 ng

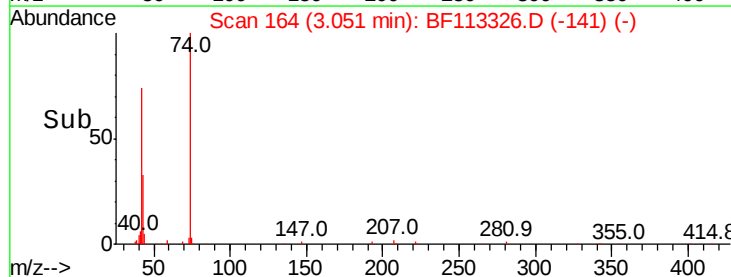
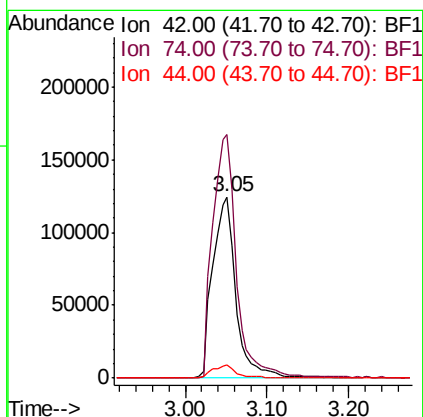
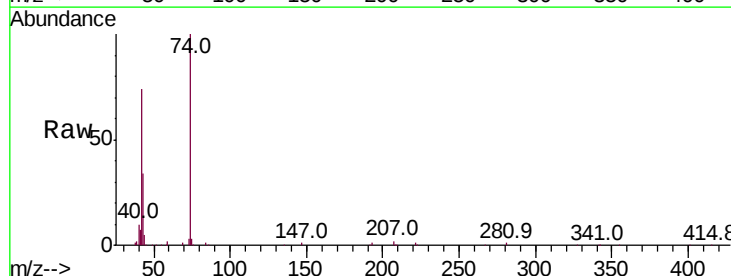
RT: 3.05 min Scan# 164

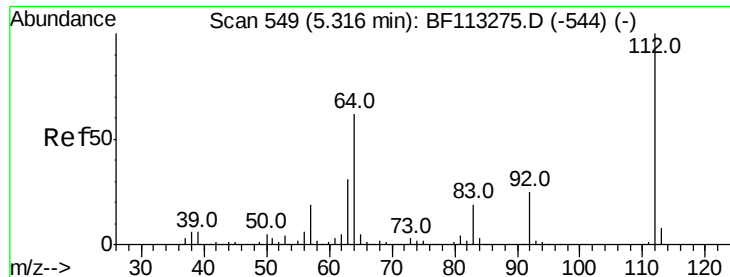
Delta R.T. 0.04 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Tgt Ion:	42	Resp:	248327
Ion Ratio	Lower	Upper	
42	100		
74	134.4	102.4	153.6
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 128.327 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampled :

S-1MSD

Tot Ion:112 Resp: 1406278

Ion Ratio Lower Upper

112 100

64 61.0 49.2 73.8

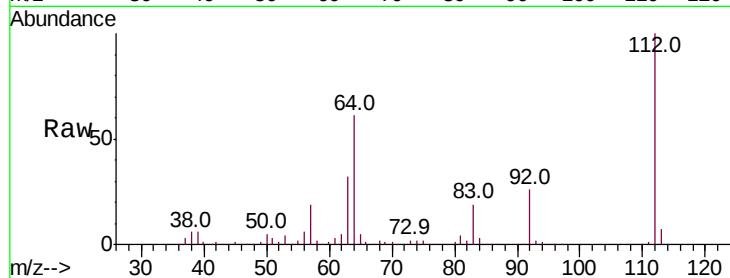
63 31.8 24.9 37.3

Manual Integrations

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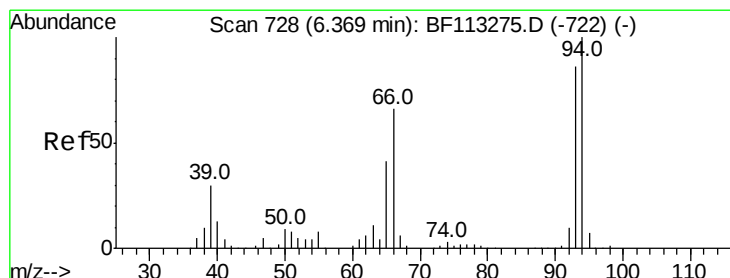
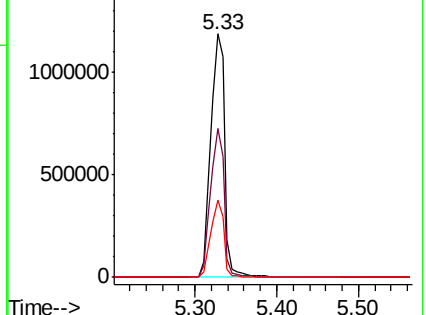
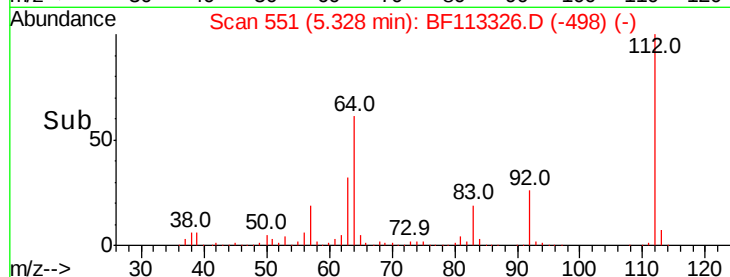
3/28/2019 8:41:41 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.938 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

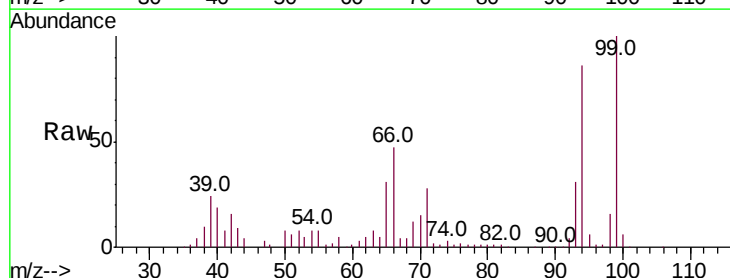
Tgt Ion: 93 Resp: 235297

Ion Ratio Lower Upper

93 100

66 151.2 62.1 93.1#

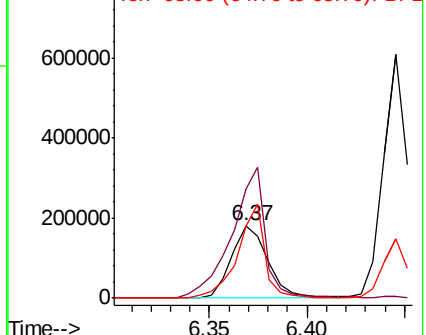
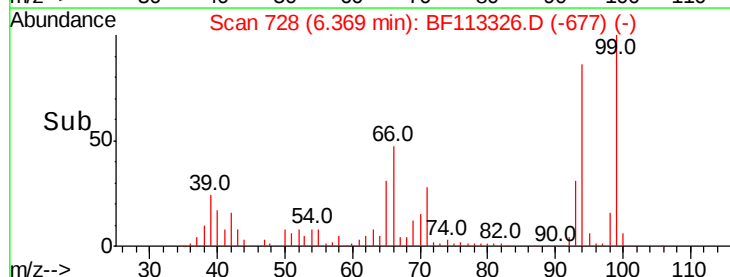
65 99.5 38.7 58.1#

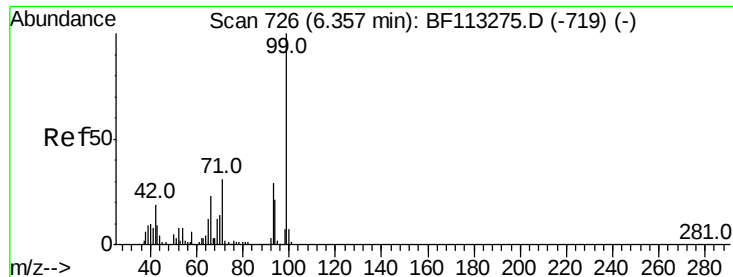


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 132.054 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

Tot Ion: 99 Resp: 1830680

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

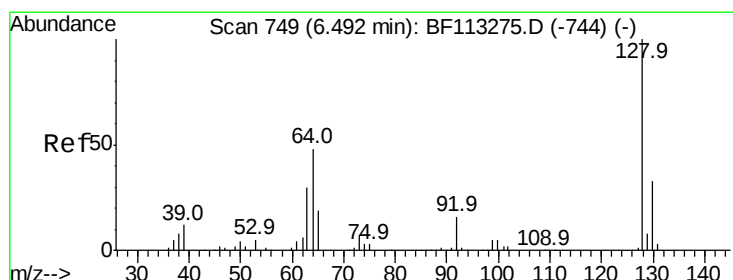
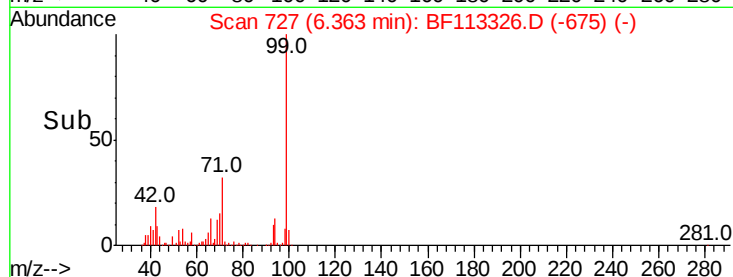
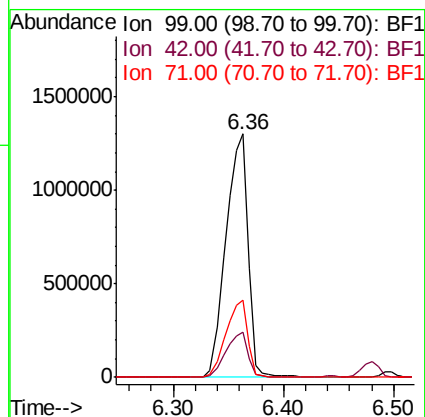
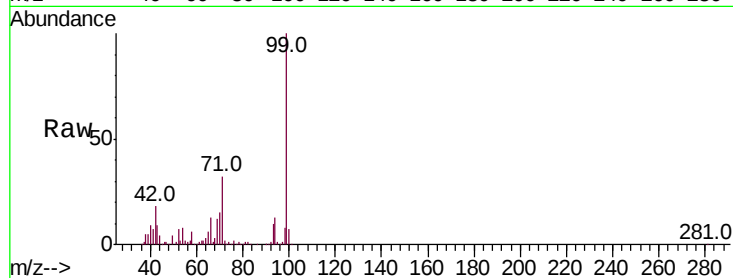
71 31.7 24.9 37.3

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#8

2-Chlorophenol

Concen: 41.156 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

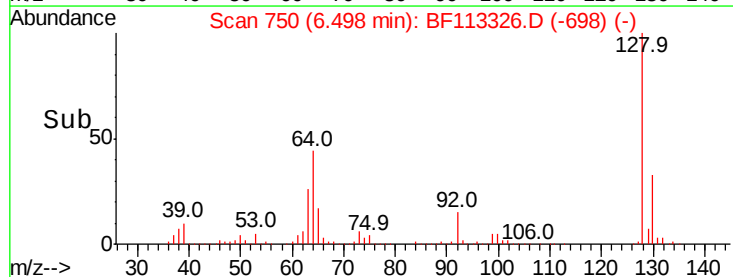
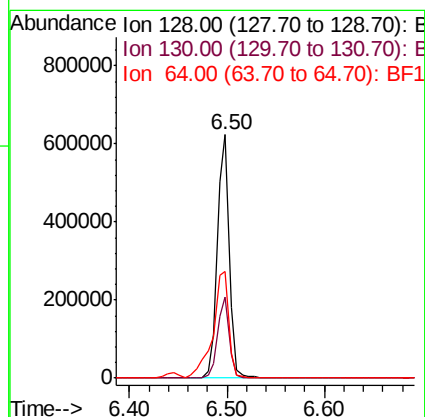
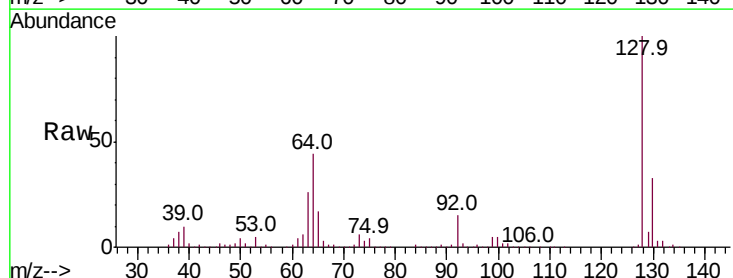
Tgt Ion:128 Resp: 523732

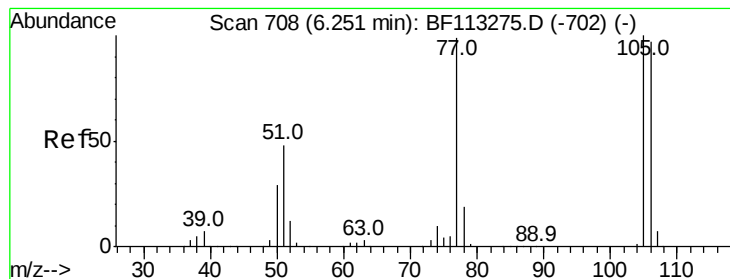
Ion Ratio Lower Upper

128 100

130 33.3 12.6 52.6

64 44.0 29.4 69.4





#9

Benzaldehyde

Concen: 19.169 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

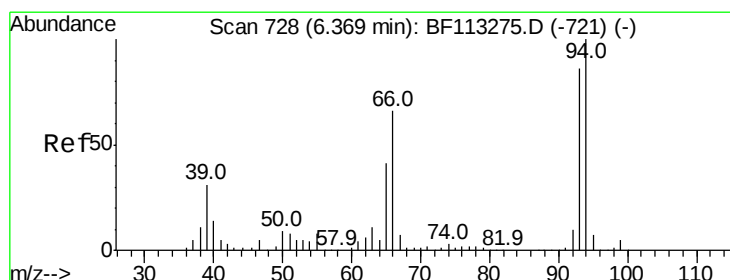
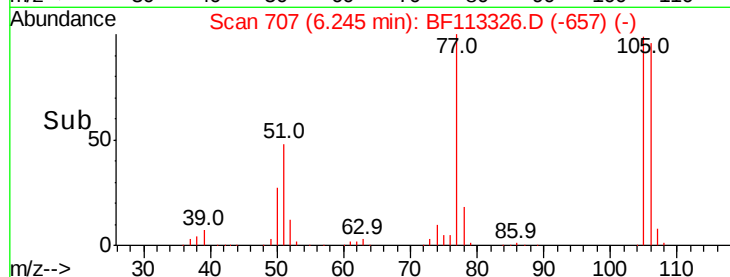
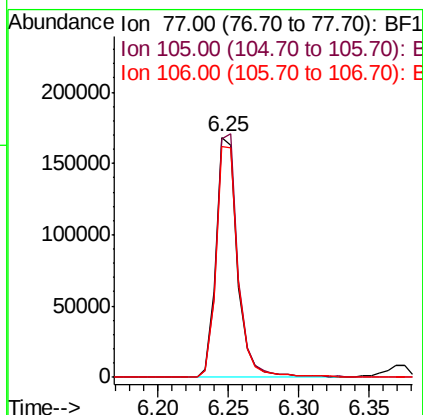
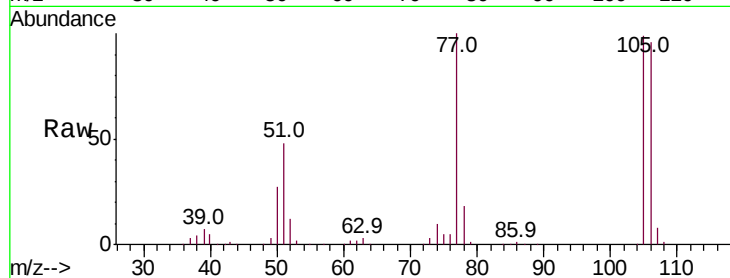
ClientSampleId :

S-1MSD

Tot Ion:	77	Resp:	178324
Ion	Ratio	Lower	Upper
77	100		
105	99.4	80.9	120.9
106	96.3	77.8	117.8

Manual Integrations
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#10

Phenol

Concen: 40.786 ng

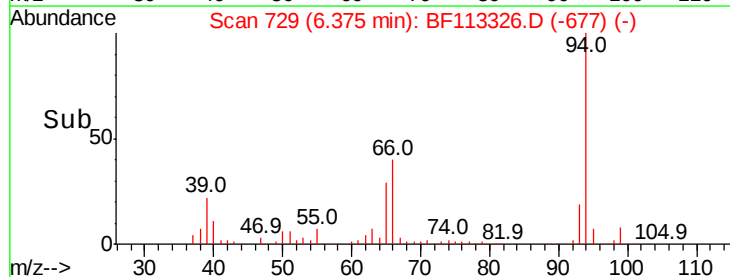
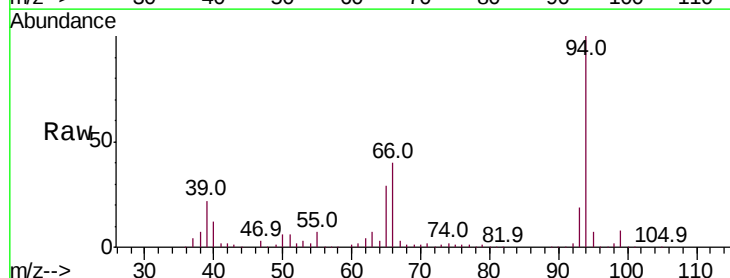
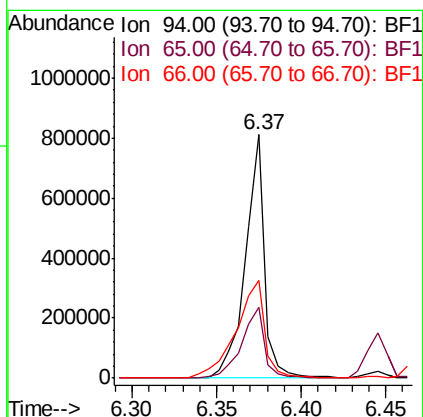
RT: 6.37 min Scan# 729

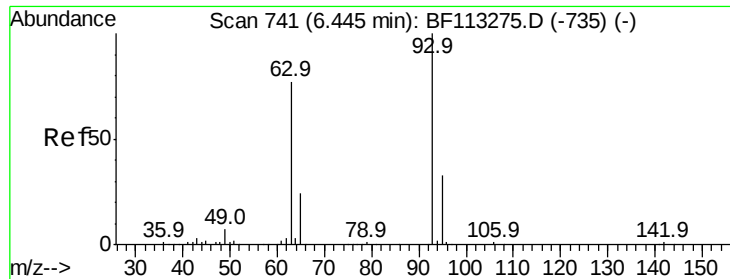
Delta R.T. 0.01 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Tgt Ion:	94	Resp:	645504
Ion	Ratio	Lower	Upper
94	100		
65	28.8	21.4	61.4
66	40.4	46.4	86.4#





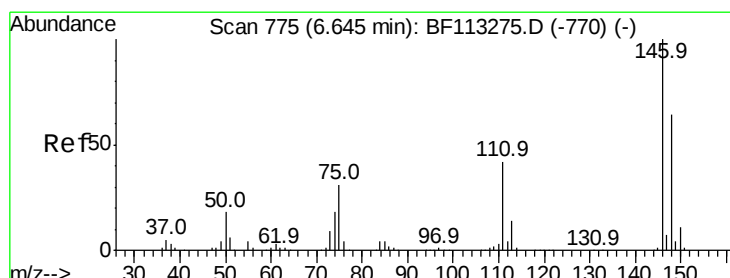
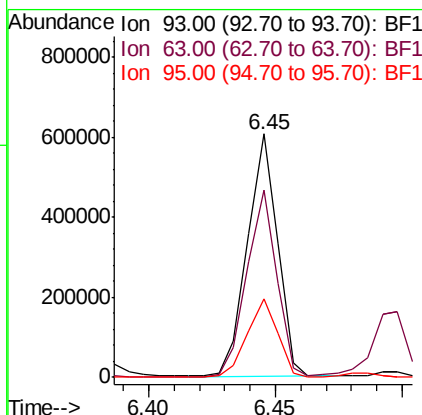
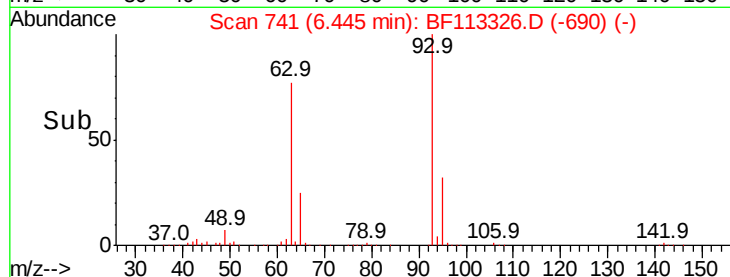
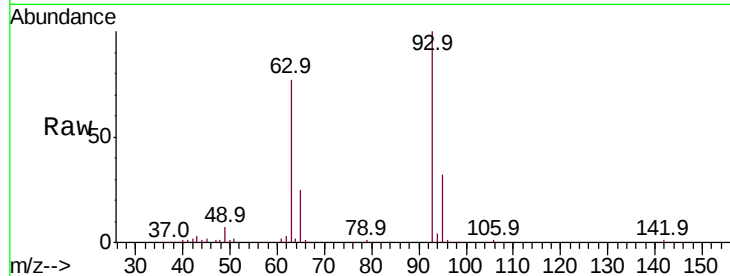
#11
bis(2-Chloroethyl)ether
Concen: 41.664 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	77.2	56.1	96.1	
95	32.5	12.8	52.8	

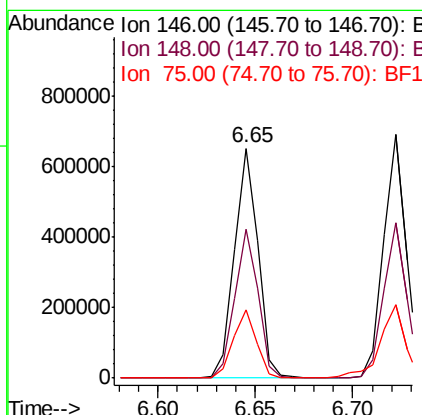
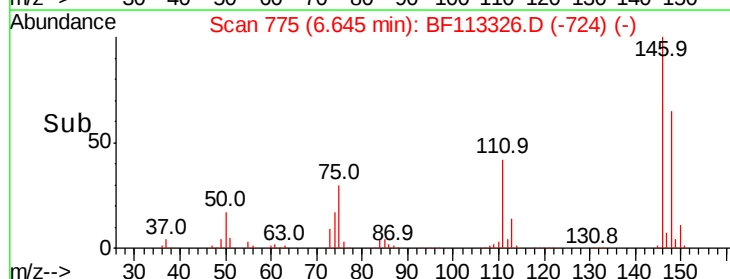
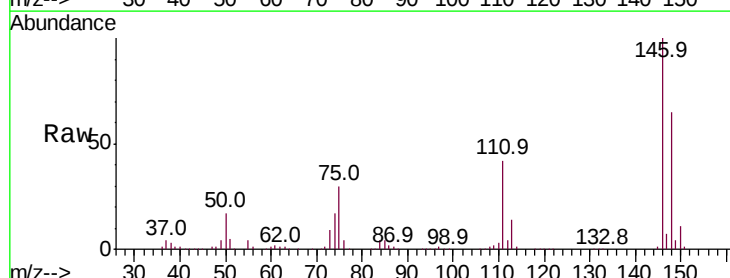
Manual Integrations
APPROVED

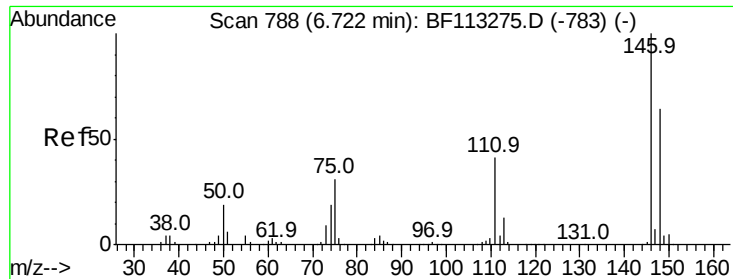
Sohil
3/28/2019 8:41:41 AM



#12
1,3-Dichlorobenzene
Concen: 39.740 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.8	51.4	77.0	
75	29.7	24.8	37.2	





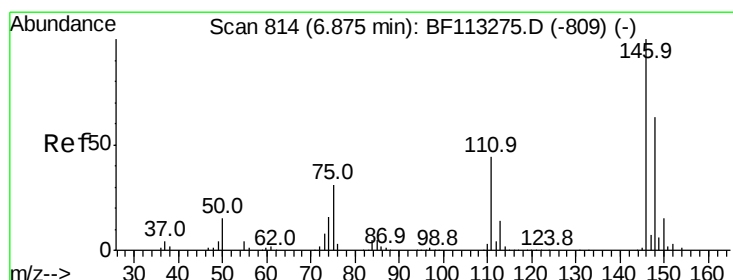
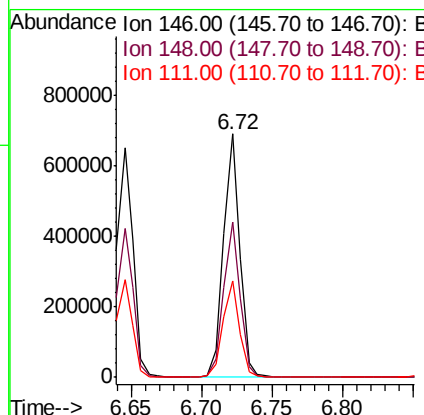
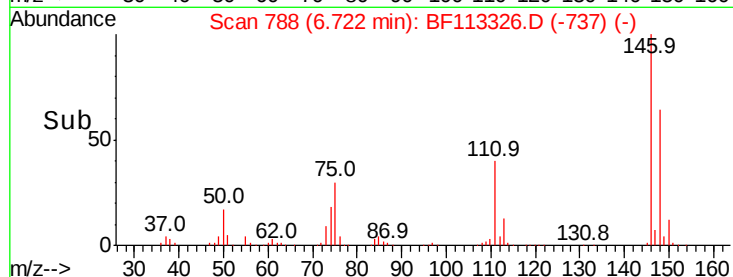
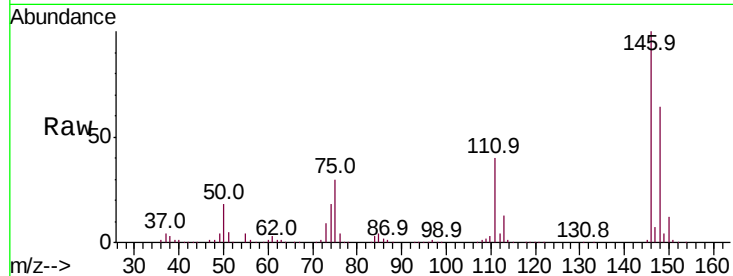
#13
1,4-Dichlorobenzene
Concen: 41.903 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampled :
S-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	39.8	32.8	49.2

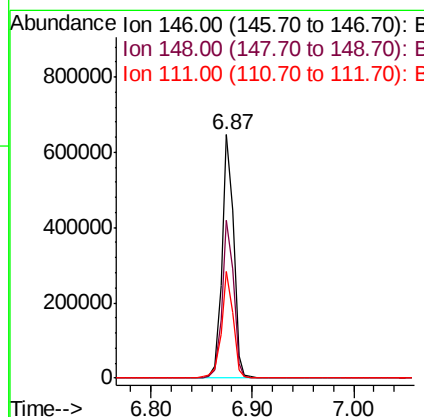
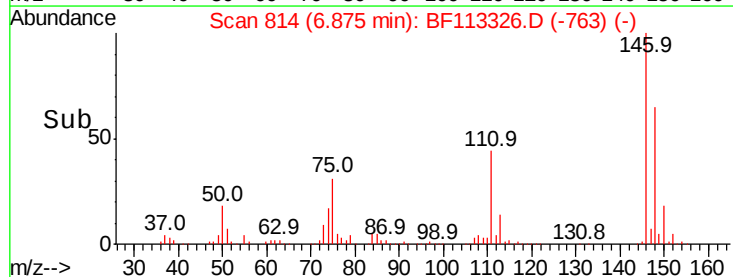
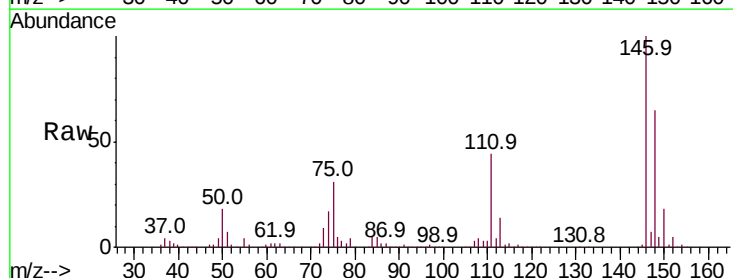
Manual Integrations
APPROVED

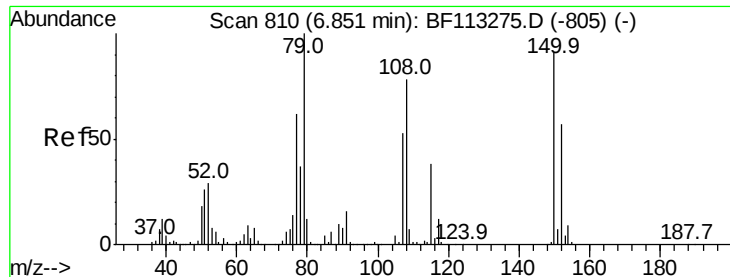
Sohil
3/28/2019 8:41:41 AM



#14
1,2-Dichlorobenzene
Concen: 39.381 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.2	75.4
111	44.0	35.4	53.2





#15

Benzyl Alcohol

Concen: 45.297 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampled :

S-1MSD

Tot Ion: 79 Resp: 414270

Ion Ratio Lower Upper

79 100

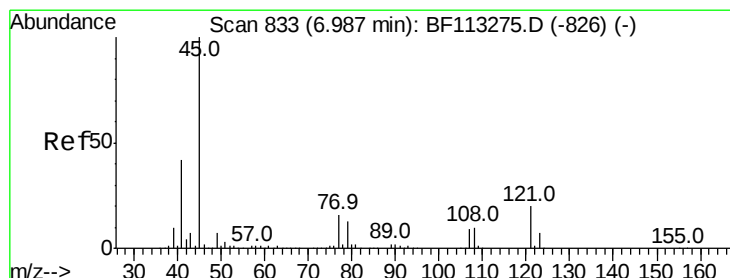
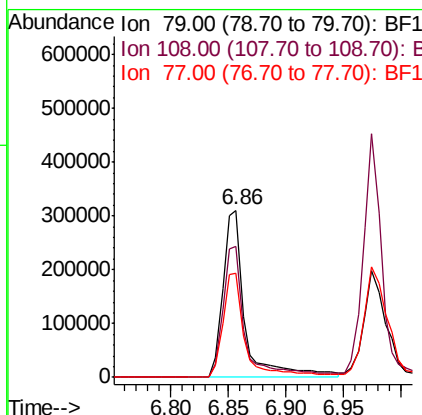
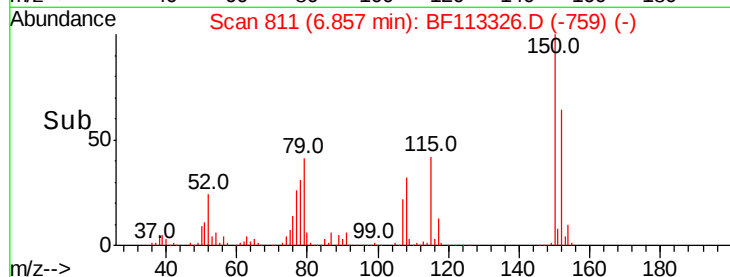
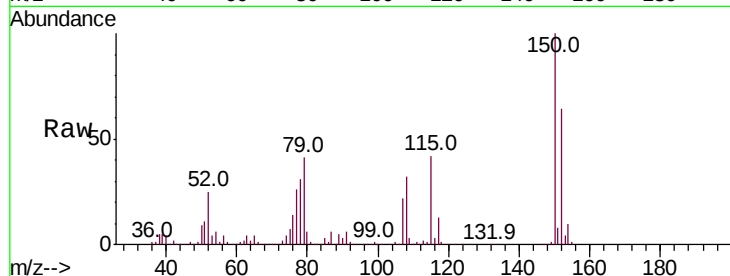
108 78.6 62.0 93.0

77 62.5 49.9 74.9

Manual Integrations
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3/28/2019 8:41:41 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.885 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

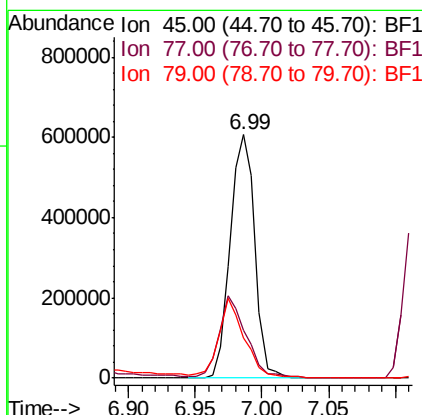
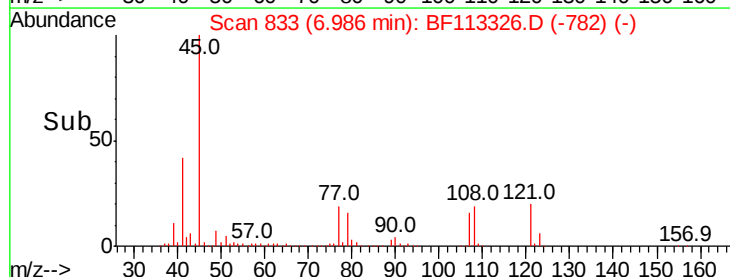
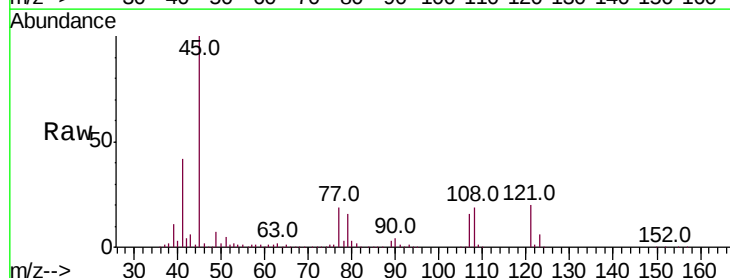
Tgt Ion: 45 Resp: 781585

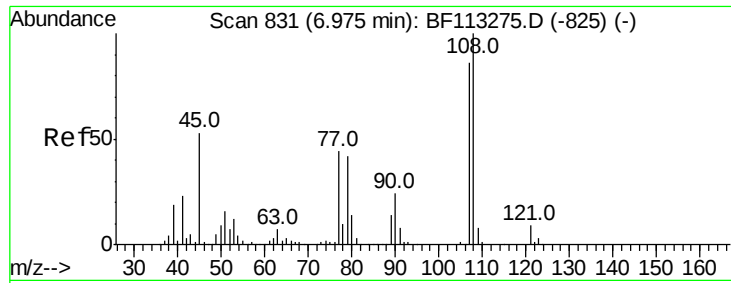
Ion Ratio Lower Upper

45 100

77 19.4 0.0 36.6

79 16.3 0.0 34.0





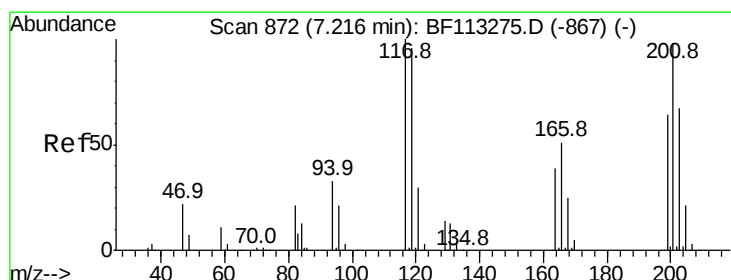
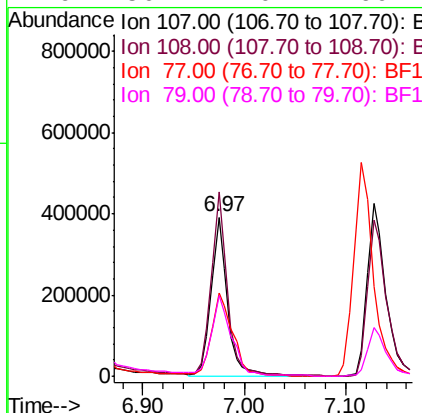
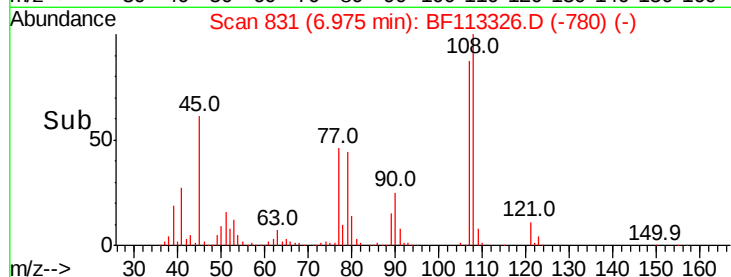
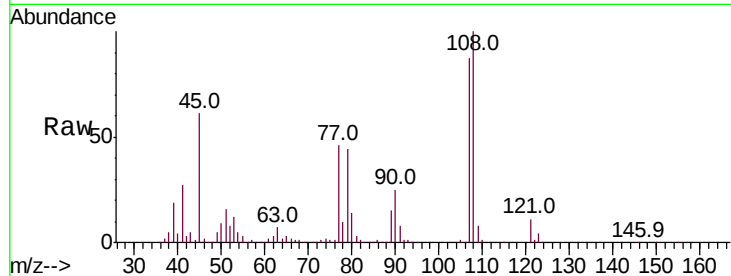
#17
2-Methylphenol
Concen: 44.244 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.5	93.4	140.0	
77	52.6	41.2	61.8	
79	50.7	40.1	60.1	

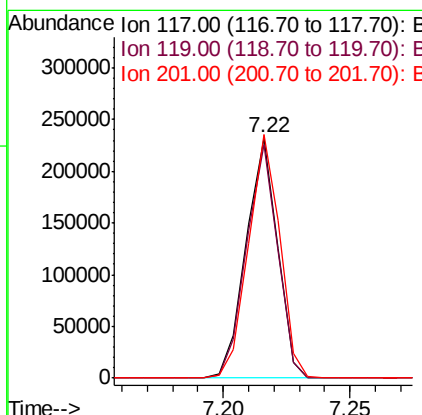
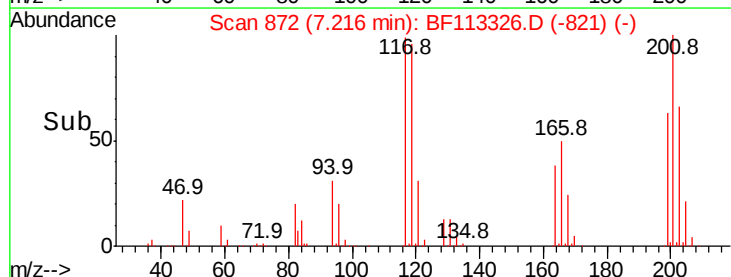
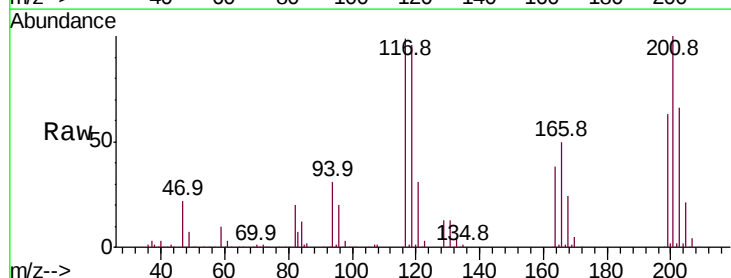
Manual Integrations
APPROVED

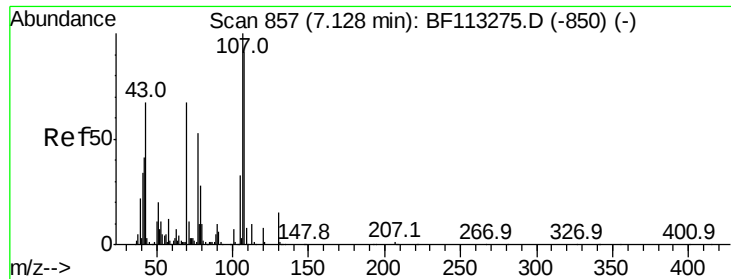
Sohil
3/28/2019 8:41:41 AM



#18
Hexachloroethane
Concen: 42.070 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	76.9	115.3	
201	101.5	78.7	118.1	





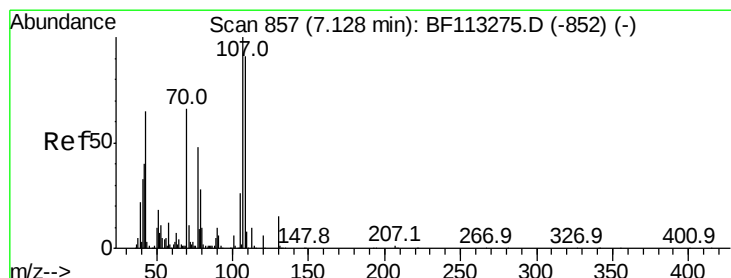
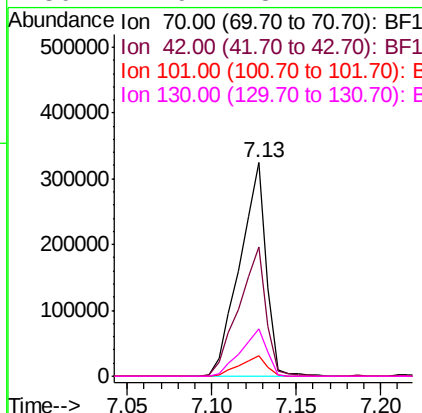
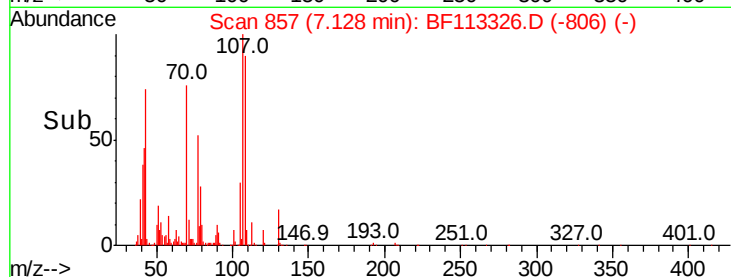
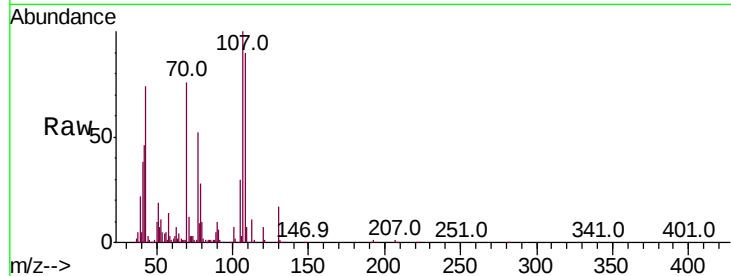
#19
n-Nitroso-di-n-propylamine
Concen: 40.861 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampled :
S-1MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.5	48.4	72.6
101	9.7	7.8	11.8
130	21.9	18.2	27.4

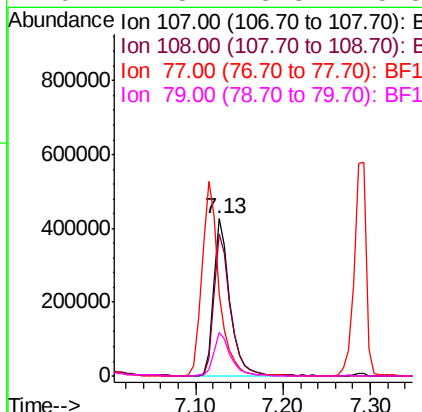
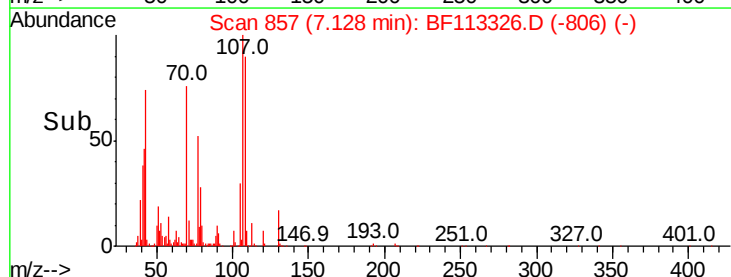
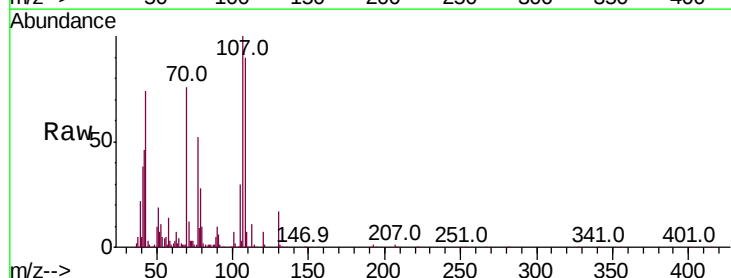
Manual Integrations
APPROVED

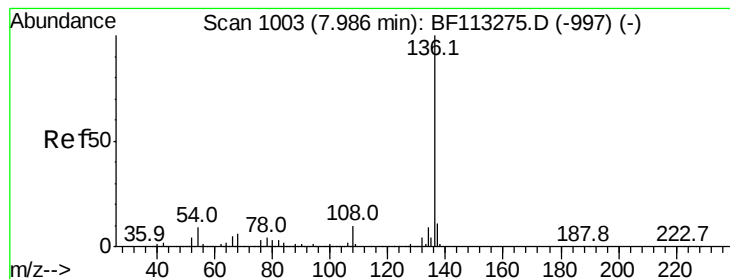
Sohil
3/28/2019 8:41:41 AM



#20
3+4-Methylphenols
Concen: 48.049 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	71.4	111.4
77	52.0	33.5	73.5
79	27.8	8.3	48.3





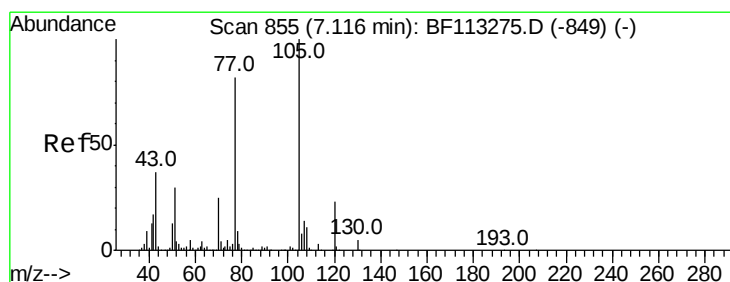
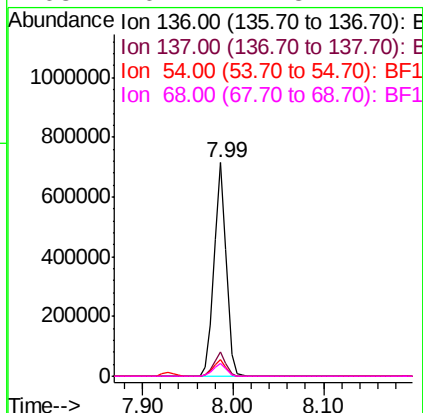
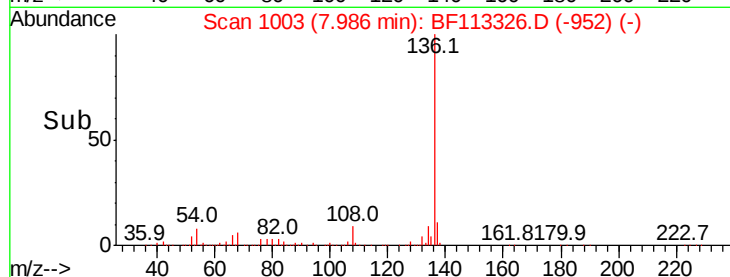
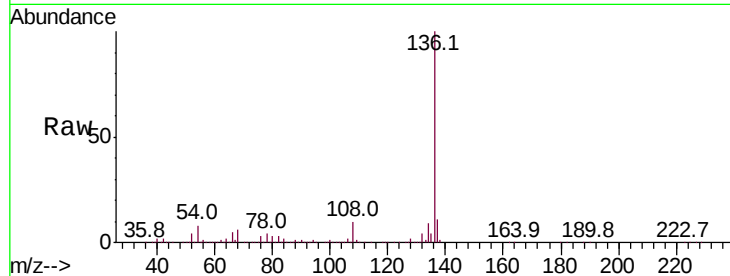
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampled :
S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	672493		
137	11.3	8.9	13.3	
54	8.0	7.0	10.6	
68	6.2	4.8	7.2	

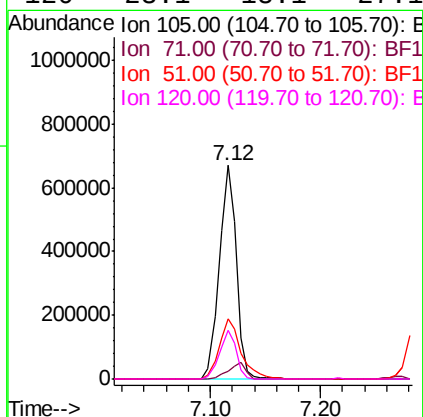
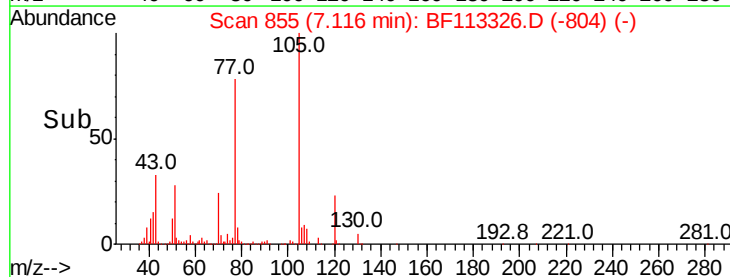
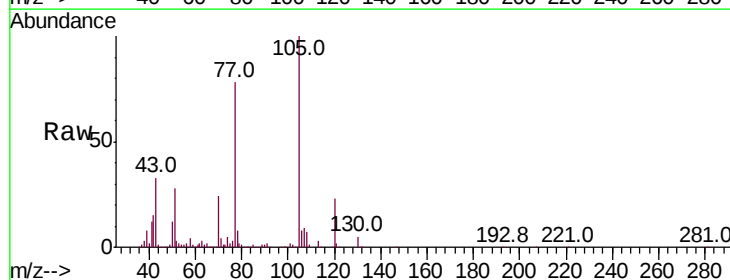
Manual Integrations
APPROVED

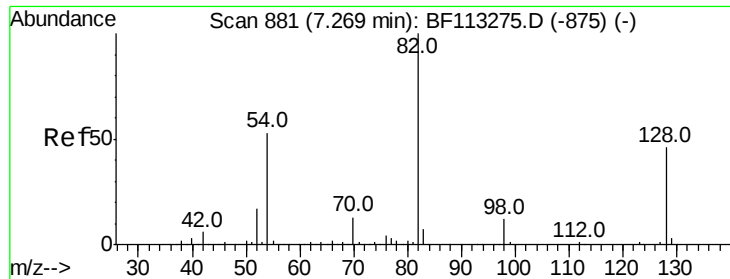
Sohil
3/28/2019 8:41:41 AM



#22
Acetophenone
Concen: 47.114 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	722569		
71	3.9	3.3	4.9	
51	27.9	24.2	36.2	
120	23.1	18.1	27.1	





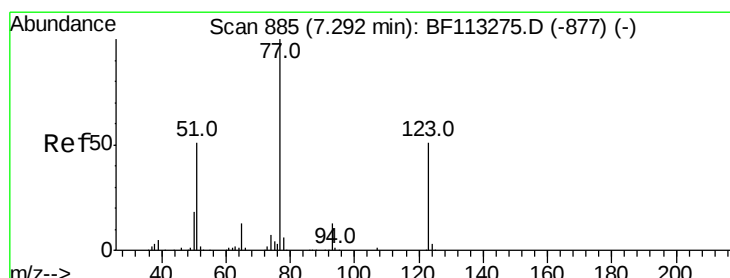
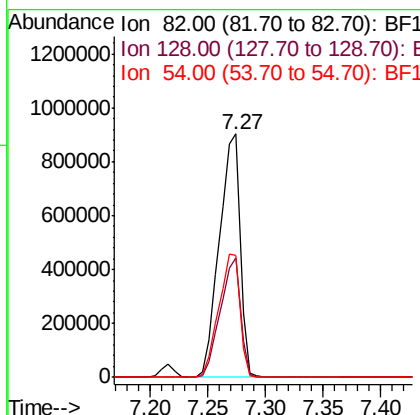
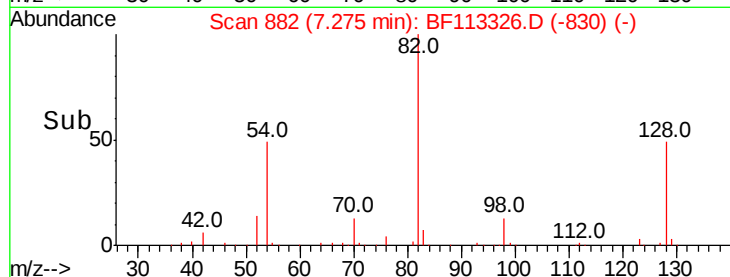
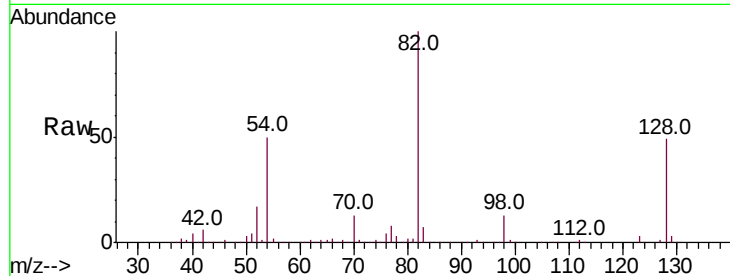
#23
 Nitrobenzene-d5
 Concen: 100.394 ng
 RT: 7.27 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Instrument :
 BNA_F
 ClientSampled :
 S-1MSD

Tot Ion: 82 Resp: 1137482
 Ion Ratio Lower Upper
 82 100
 128 48.9 36.5 54.7
 54 50.3 42.2 63.2

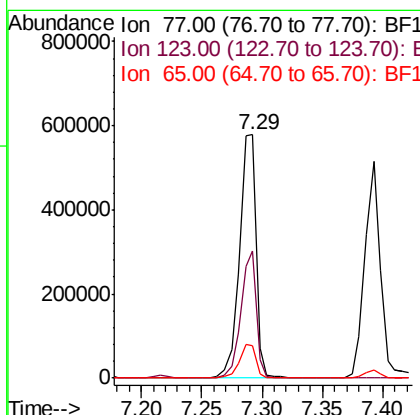
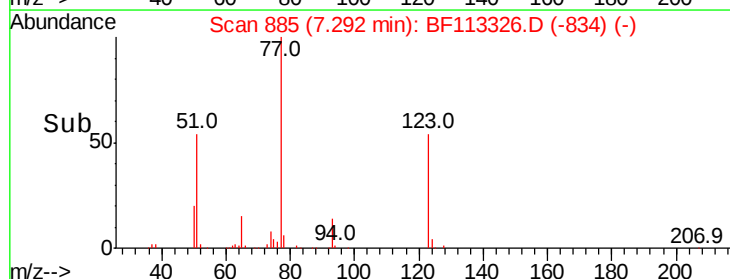
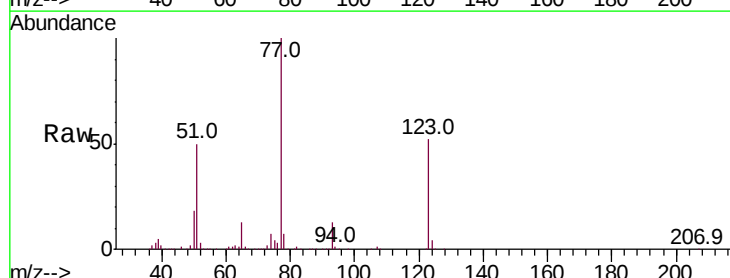
Manual Integrations
 APPROVED

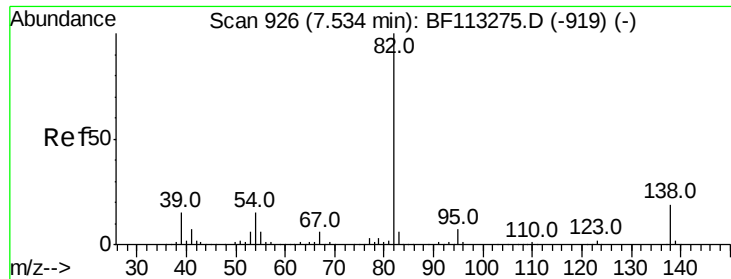
Sohil
 3/28/2019 8:41:41 AM



#24
 Nitrobenzene
 Concen: 47.041 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Tgt Ion: 77 Resp: 556175
 Ion Ratio Lower Upper
 77 100
 123 52.1 40.8 61.2
 65 13.4 10.6 16.0





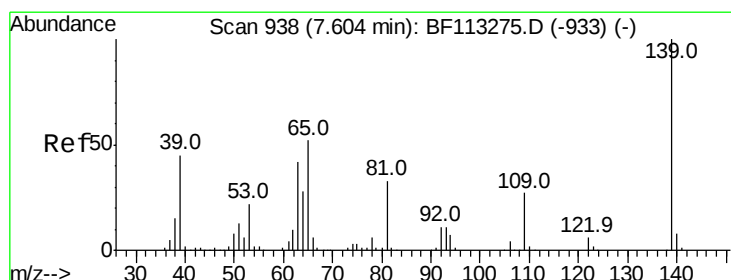
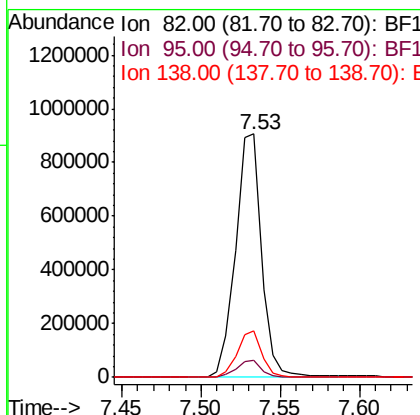
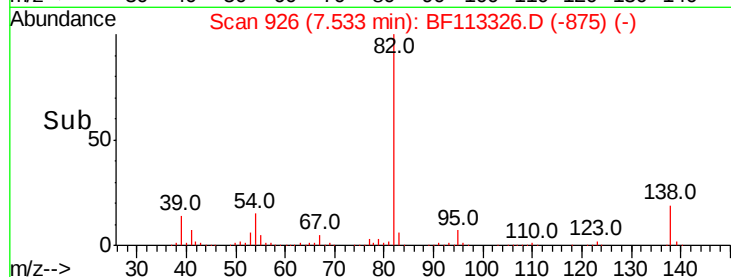
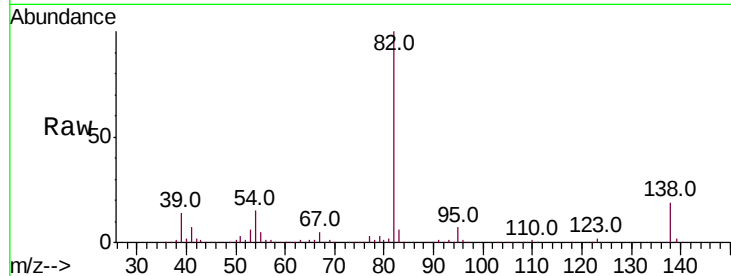
#25
Isophorone
Concen: 46.983 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion	82	Resp	1031637
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	19.2	15.2	22.8

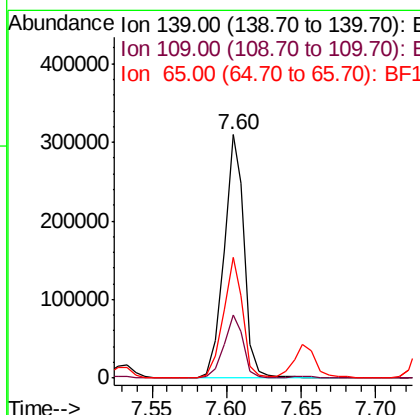
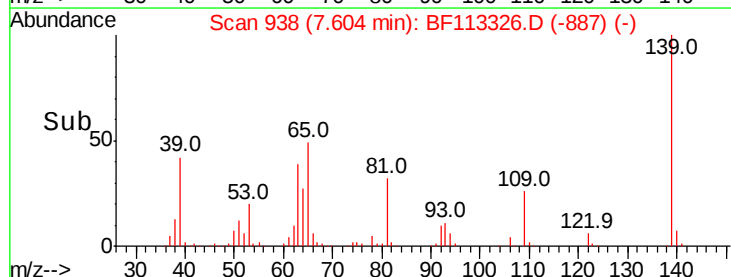
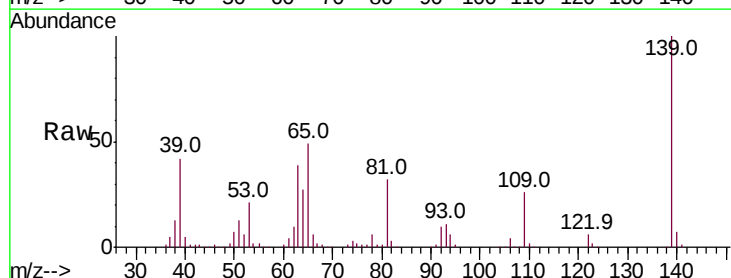
Manual Integrations
APPROVED

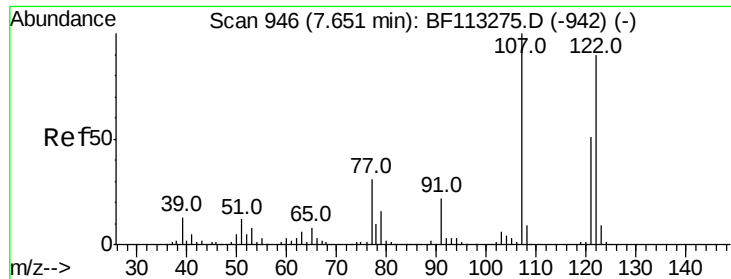
Sohil
3/28/2019 8:41:41 AM



#26
2-Nitrophenol
Concen: 47.351 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	139	Resp	295921
Ion	Ratio	Lower	Upper
139	100		
109	26.2	21.7	32.5
65	49.5	41.6	62.4





#27

2,4-Dimethylphenol

Concen: 53.787 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

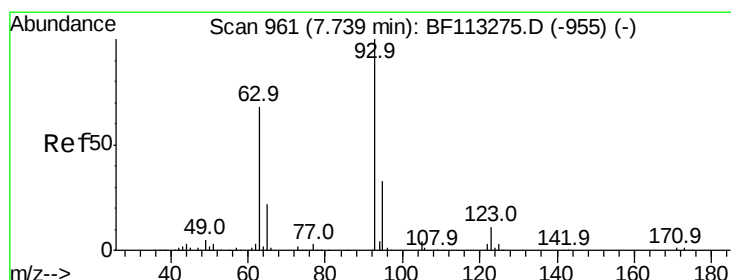
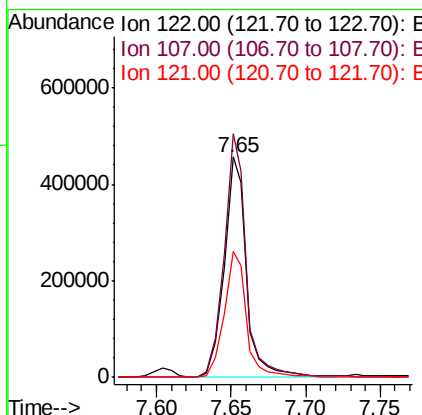
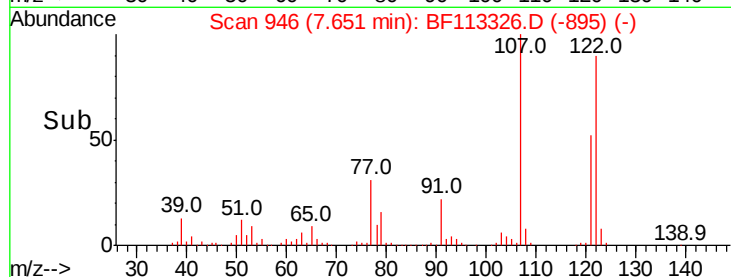
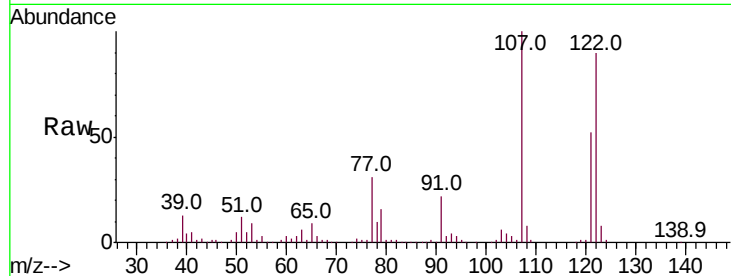
ClientSampled :

S-1MSD

Tot Ion:	122	Resp:	483535
Ion Ratio	Lower	Upper	
122	100		
107	110.7	88.8	133.2
121	57.2	45.5	68.3

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#28

bis(2-Chloroethoxy)methane

Concen: 47.564 ng

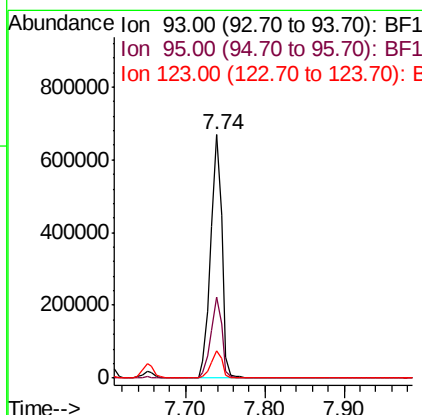
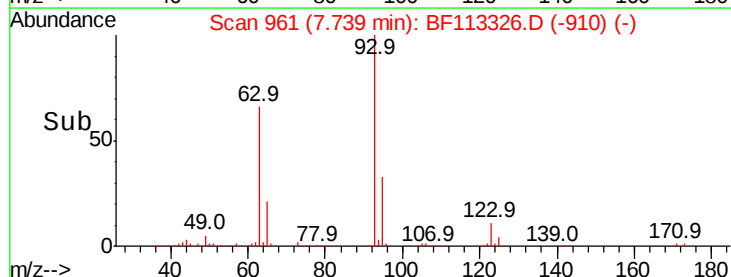
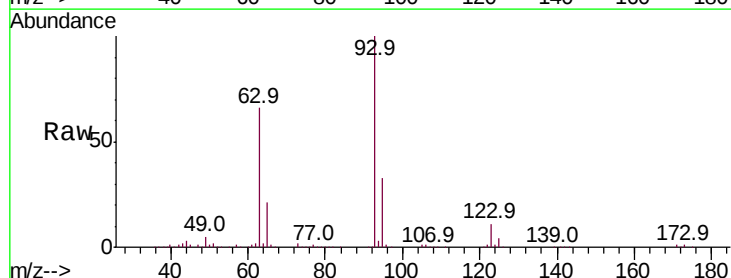
RT: 7.74 min Scan# 961

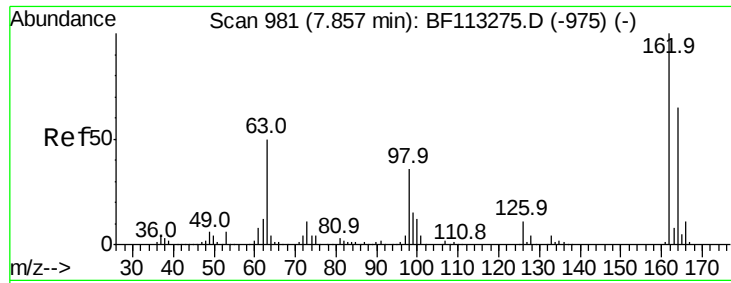
Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Tgt Ion:	93	Resp:	657683
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.0	39.0
123	11.1	9.1	13.7





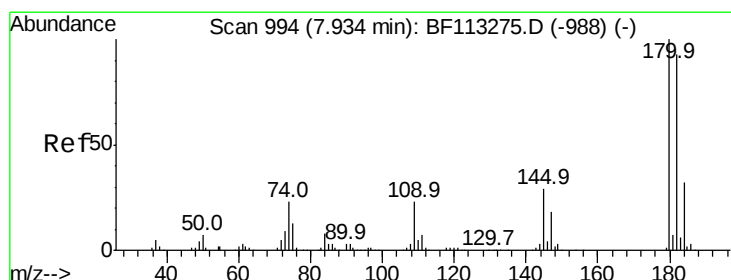
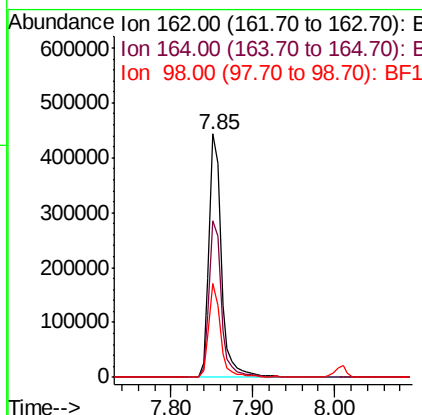
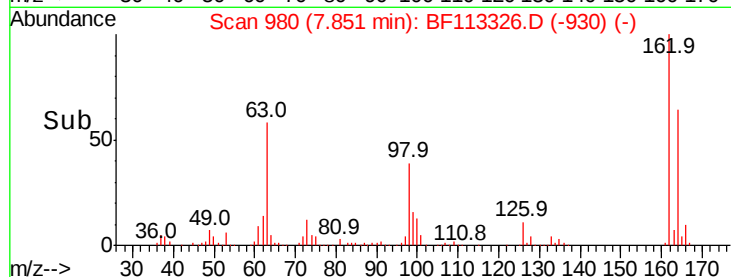
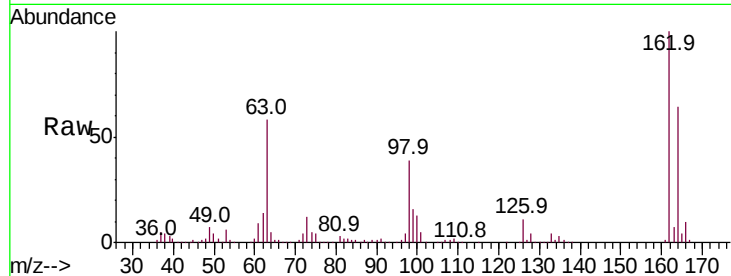
#29
 2,4-Dichlorophenol
 Concen: 48.145 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Instrument :
 BNA_F
 ClientSampled :
 S-1MSD

Tot Ion:	162	Resp:	469032
Ion Ratio	Lower	Upper	
162	100		
164	64.3	44.6	84.6
98	38.5	15.6	55.6

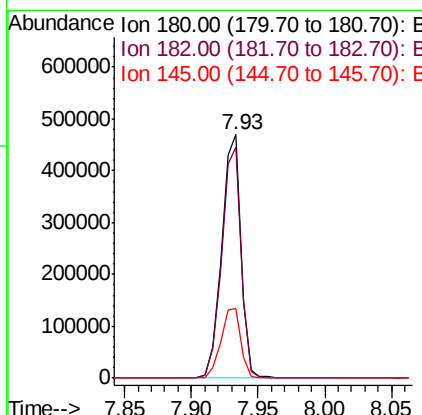
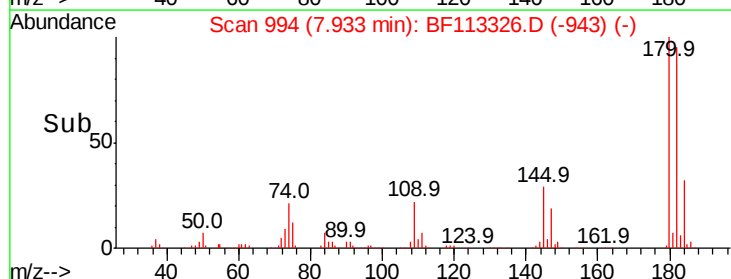
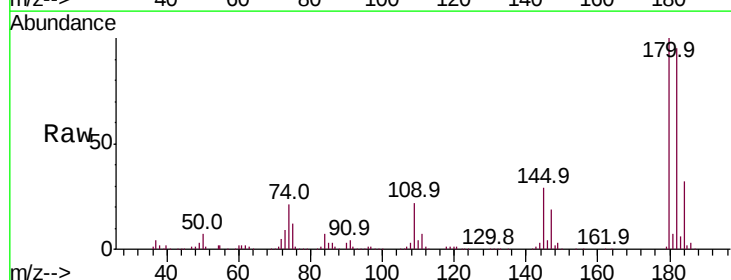
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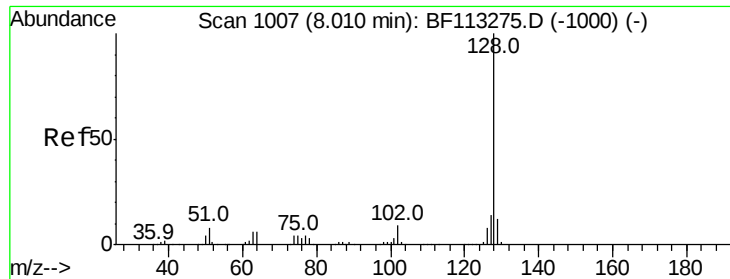
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.700 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Tgt Ion:	180	Resp:	480335
Ion Ratio	Lower	Upper	
180	100		
182	95.0	74.6	111.8
145	28.8	23.4	35.0





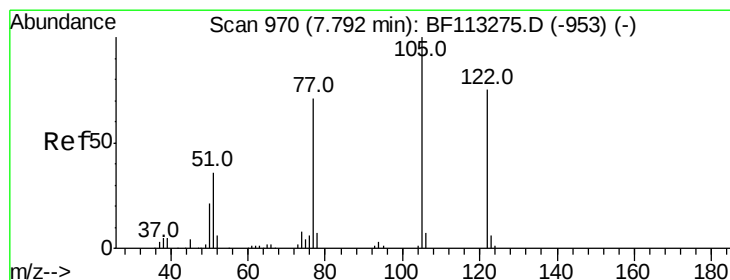
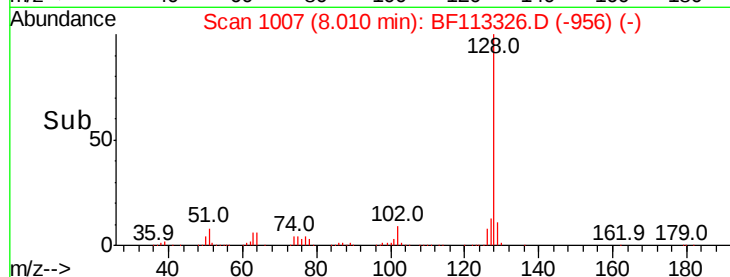
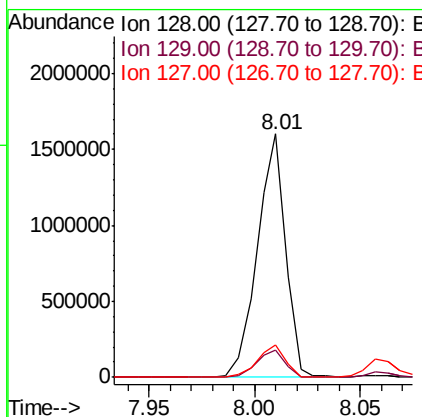
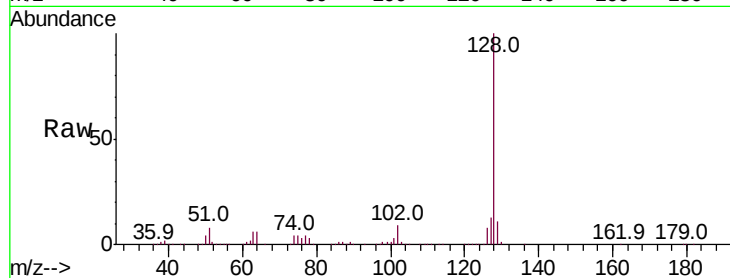
#31
Naphthalene
Concen: 45.324 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

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

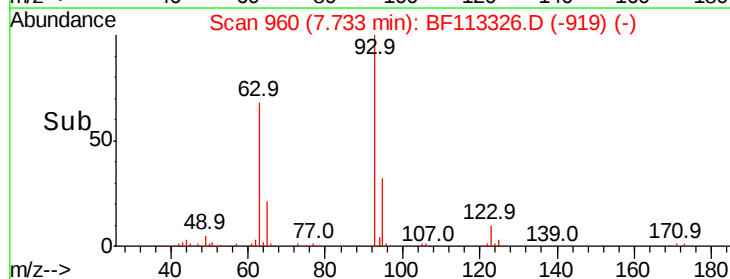
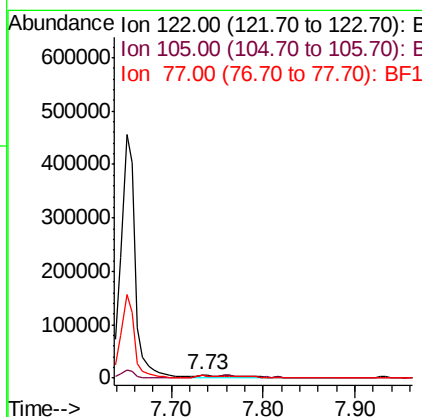
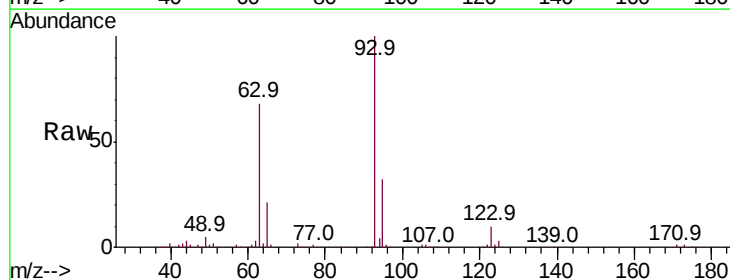
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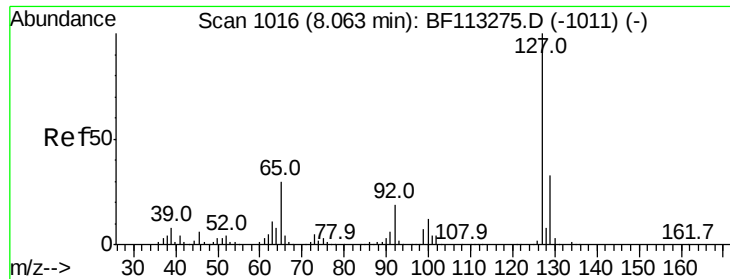
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#32
Benzoic acid
Concen: 3.332 ng m
RT: 7.73 min Scan# 960
Delta R.T. -0.06 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	84.0	100.4	140.4#
77	75.3	69.0	109.0





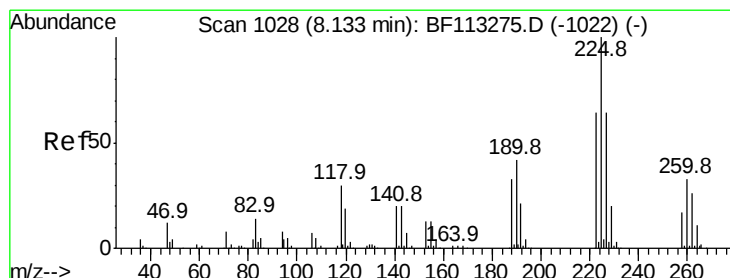
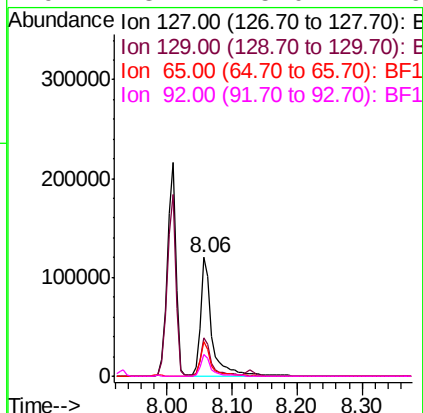
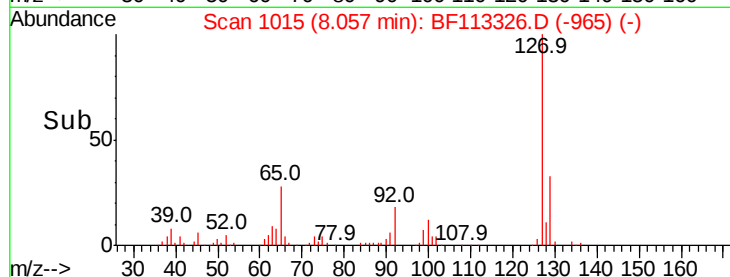
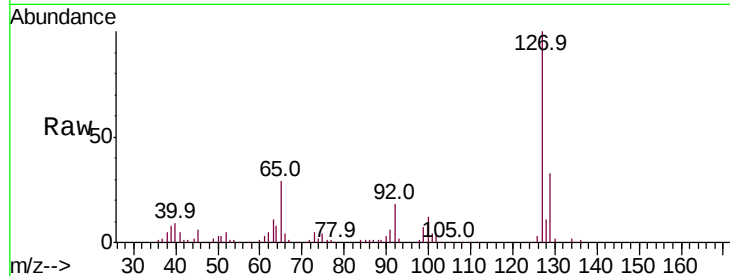
#33
4-Chloroaniline
Concen: 11.567 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampled :
S-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.3	39.5		
65	28.9	24.2	36.4		
92	18.1	15.0	22.6		

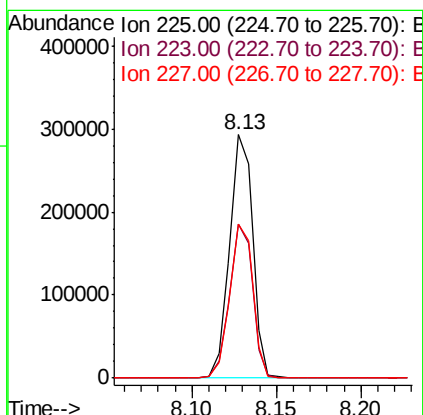
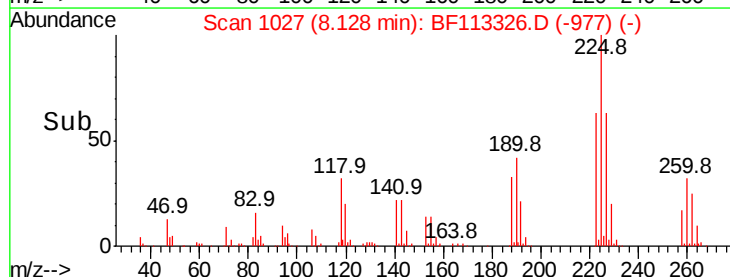
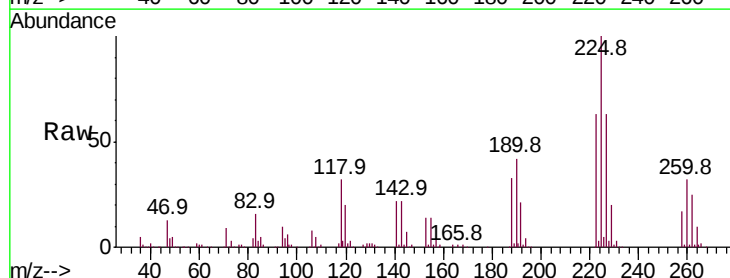
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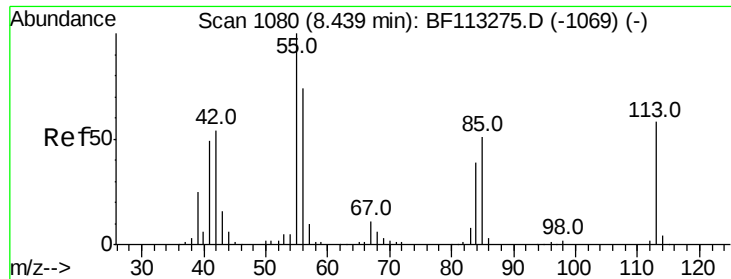
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#34
Hexachlorobutadiene
Concen: 44.416 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	51.4	77.2		
227	63.4	51.1	76.7		





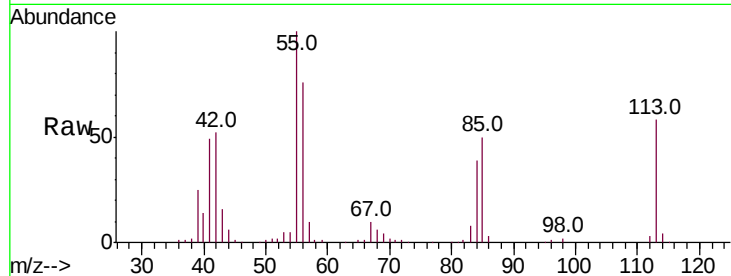
#35
Caprolactam
Concen: 45.837 ng/ml
RT: 8.43 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	173.6	152.7	192.7		
56	131.4	108.3	148.3		

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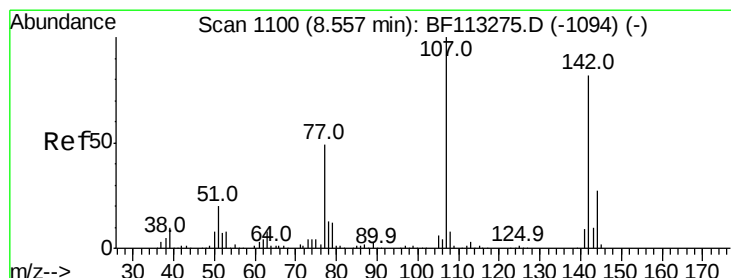
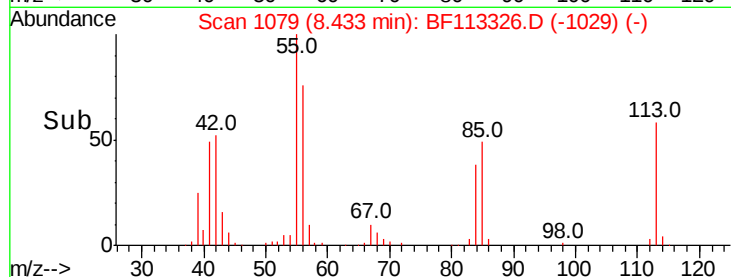
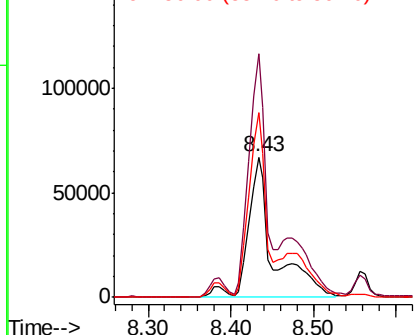


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 49.448 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

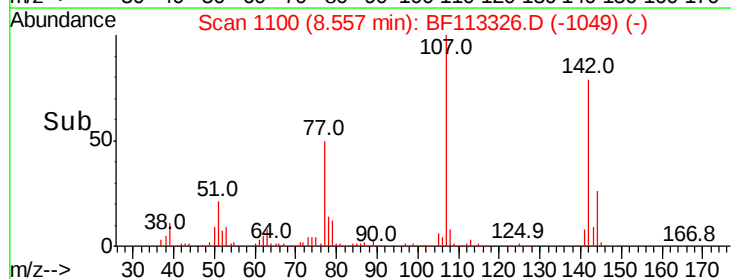
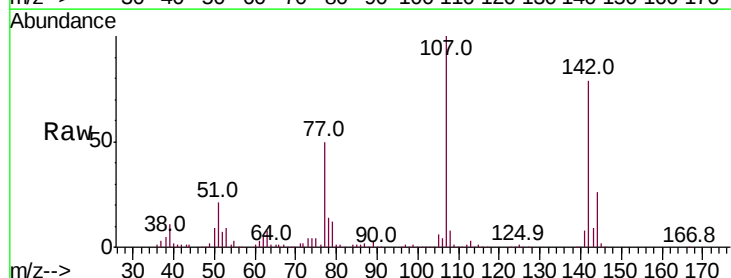
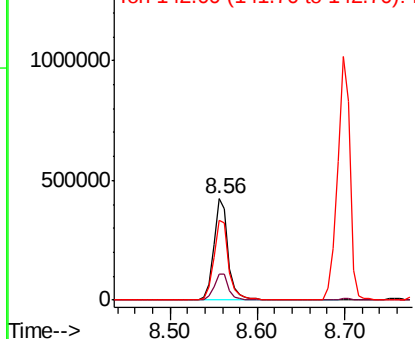
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.5	21.4	32.0		
142	79.1	65.6	98.4		

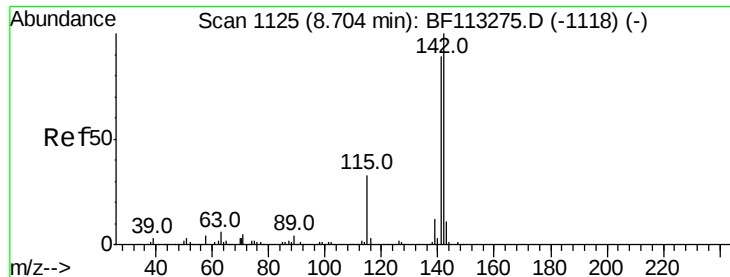
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





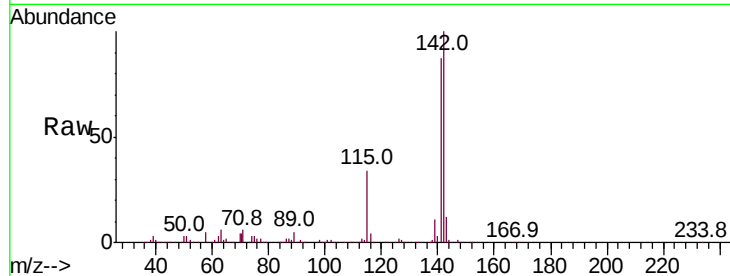
#37
2-Methylnaphthalene
Concen: 49.161 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampled :
S-1MSD

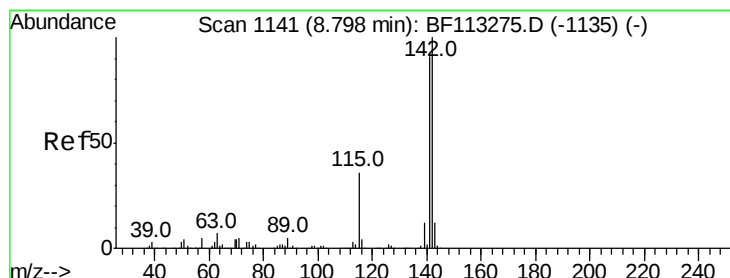
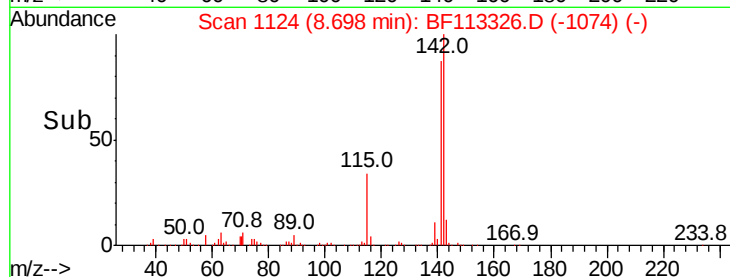
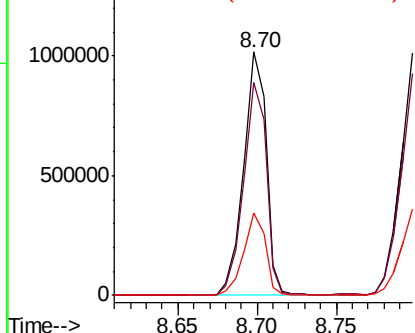
Tot Ion:142 Resp: 1008072
Ion Ratio Lower Upper
142 100
141 87.2 71.0 106.6
115 33.7 26.6 39.8

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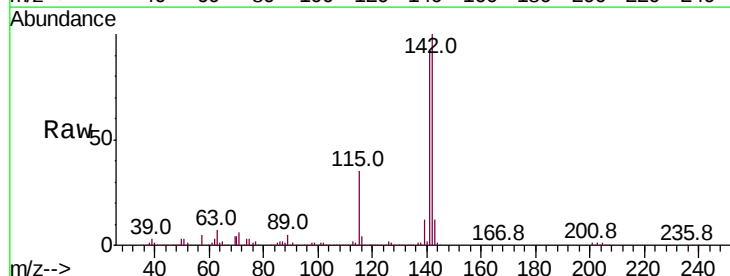


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

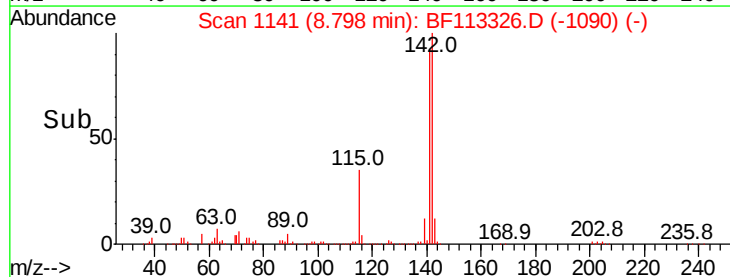
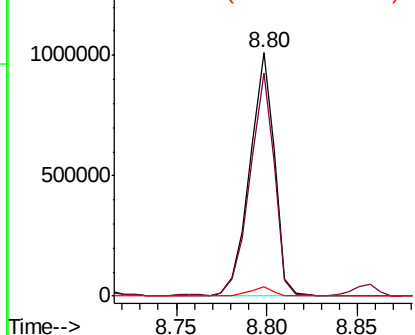


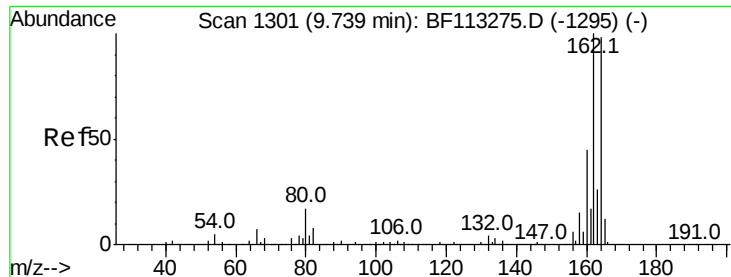
#38
1-Methylnaphthalene
Concen: 48.201 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion:142 Resp: 950698
Ion Ratio Lower Upper
142 100
141 91.6 73.2 109.8
116 3.8 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





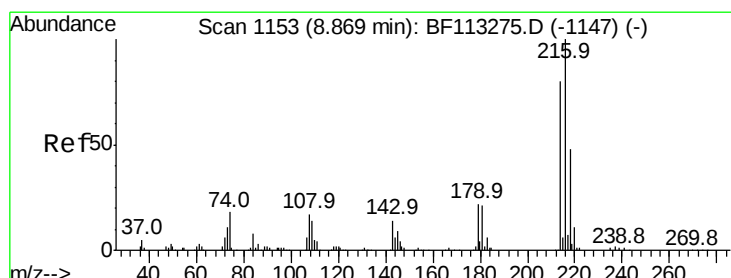
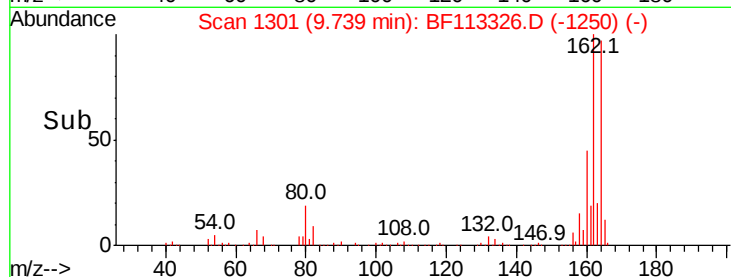
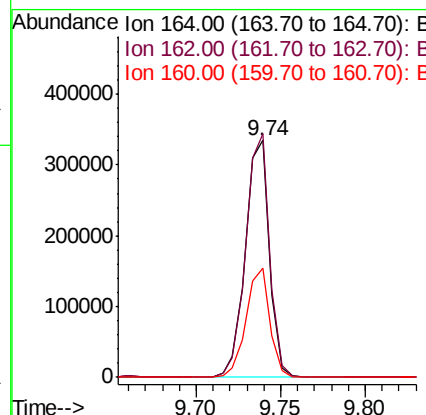
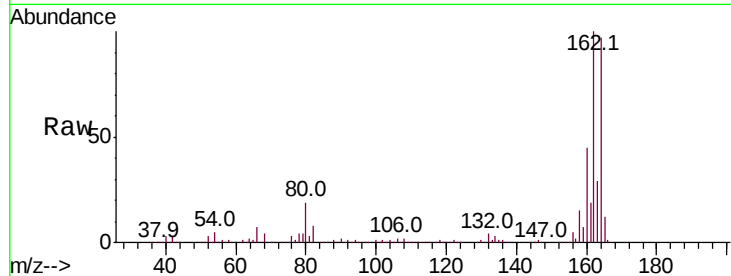
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.8	122.6
160	45.9	36.4	54.6

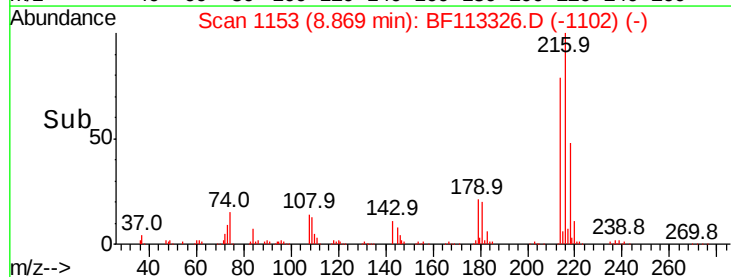
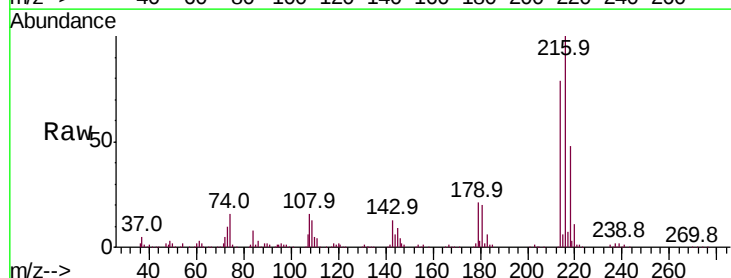
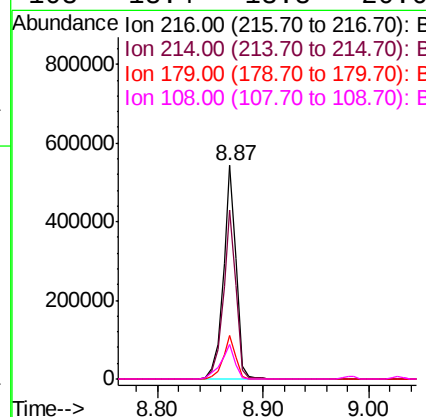
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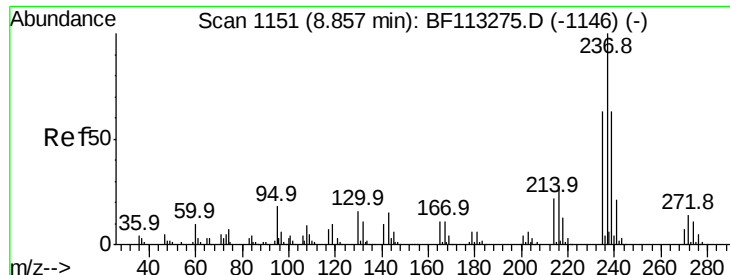
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.640 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.6
179	20.3	16.8	25.2
108	18.4	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 84.977 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

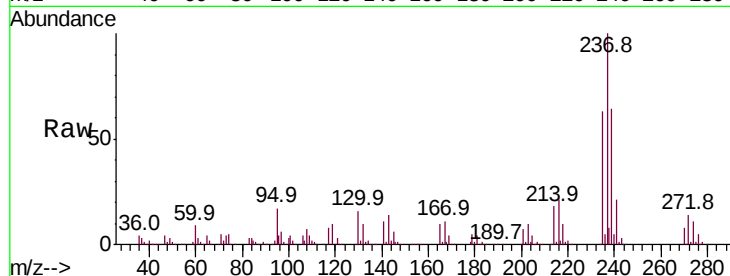
ClientSampled :

S-1MSD

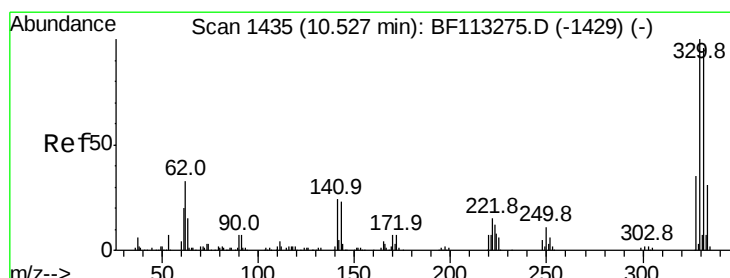
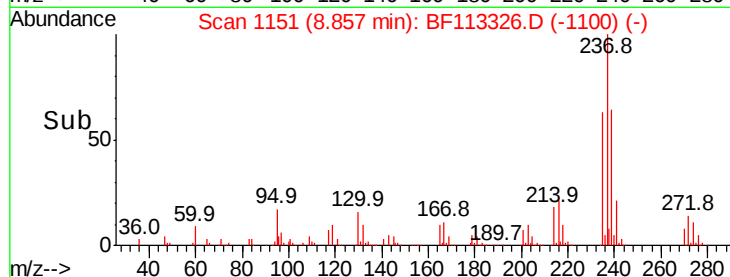
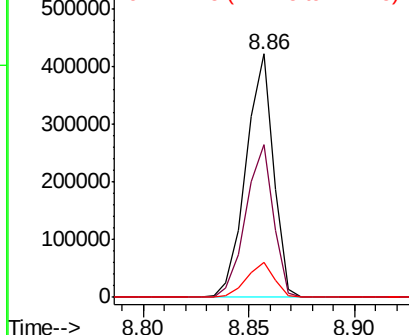
Tot Ion:	237	Resp:	381275
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.4	83.4
272	14.2	0.0	33.7

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



#42

2,4,6-Tribromophenol

Concen: 125.591 ng

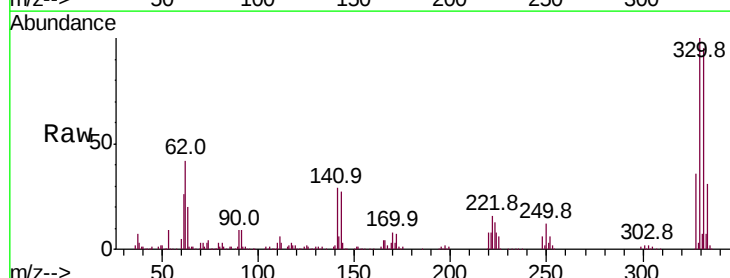
RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

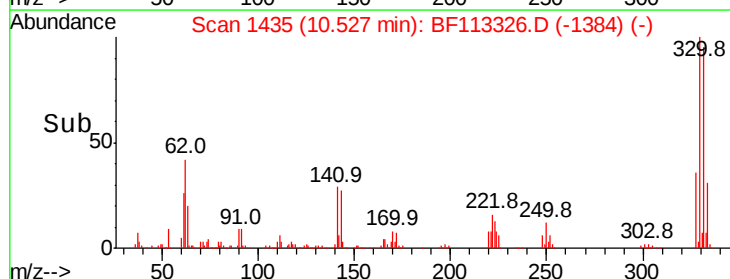
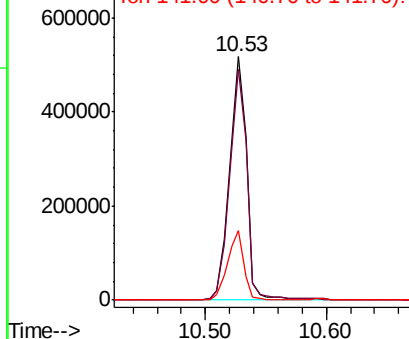
Lab File: BF113326.D

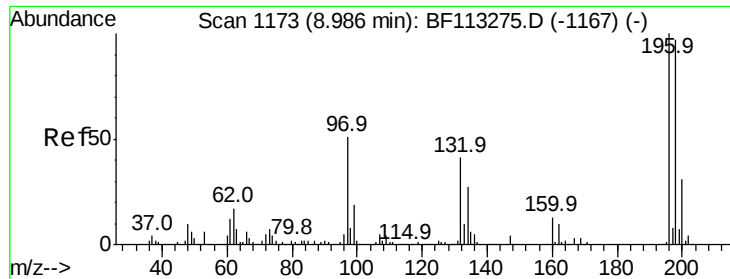
Acq: 27 Mar 2019 13:00

Tgt Ion:	330	Resp:	512293
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.8	116.6
141	27.5	22.7	34.1



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





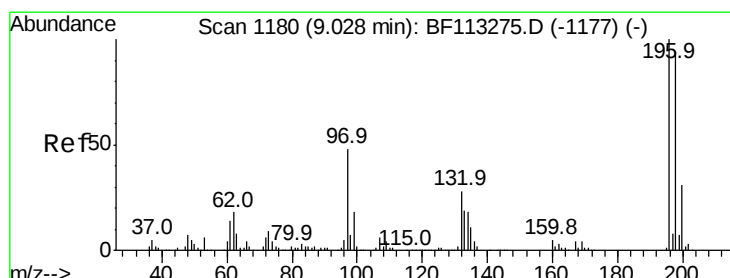
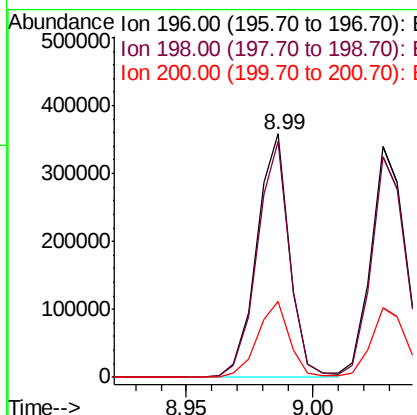
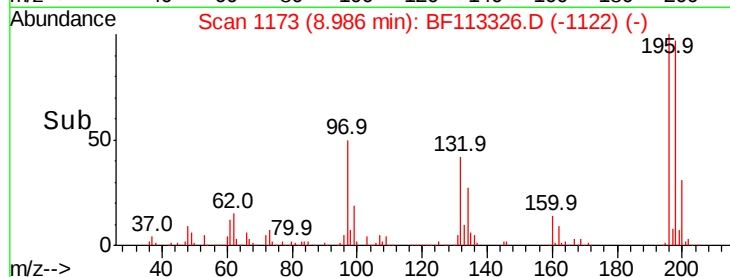
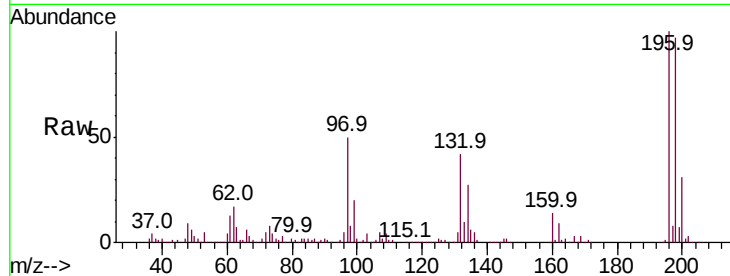
#43
 2,4,6-Trichlorophenol
 Concen: 46.891 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Instrument :
 BNA_F
 ClientSampled :
 S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	323682		
198	97.0	77.7	116.5	
200	31.2	24.9	37.3	

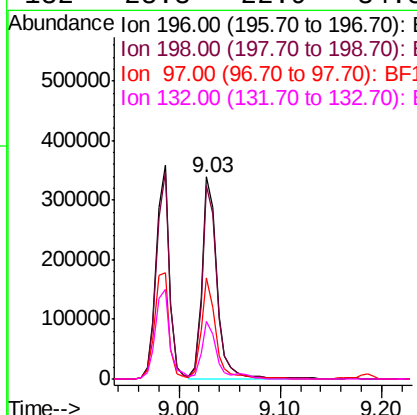
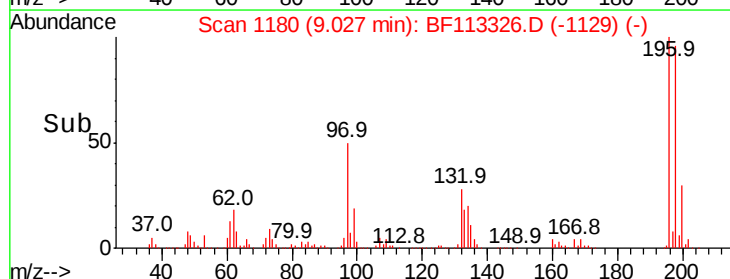
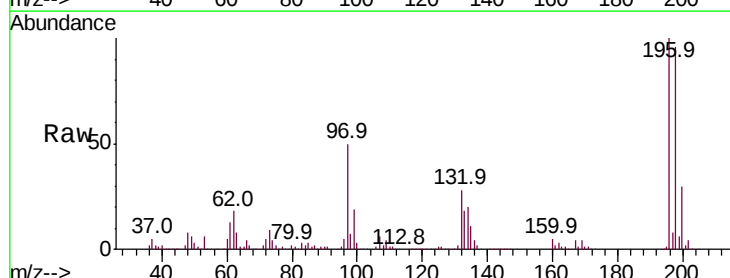
Manual Integrations
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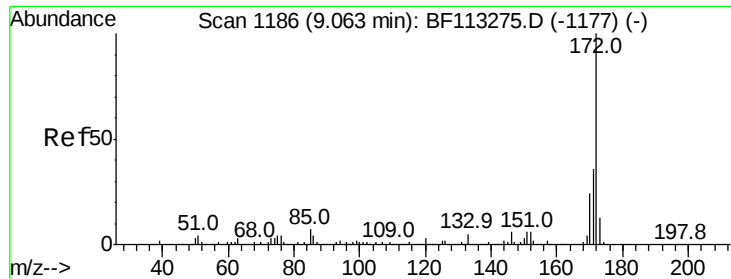
Sohil
 3/28/2019 8:41:41 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.494 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	347544		
198	95.6	75.4	113.2	
97	49.7	38.6	58.0	
132	28.3	22.9	34.3	





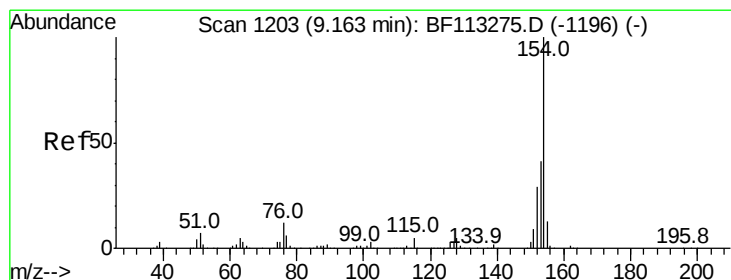
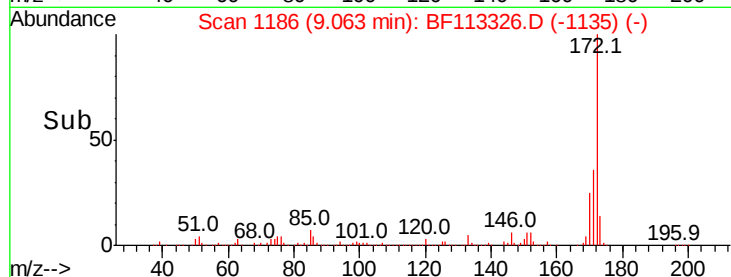
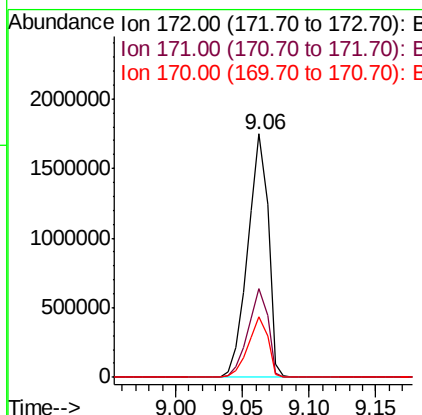
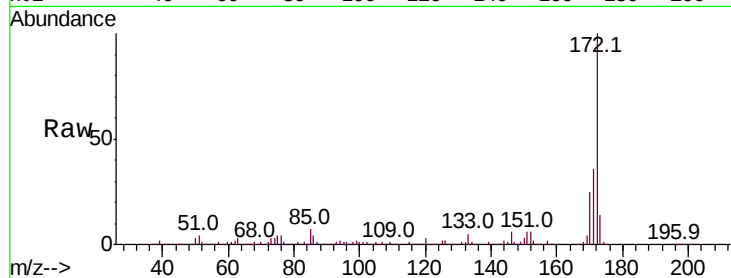
#45
2-Fluorobiphenyl
Concen: 87.489 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.9	19.5	29.3

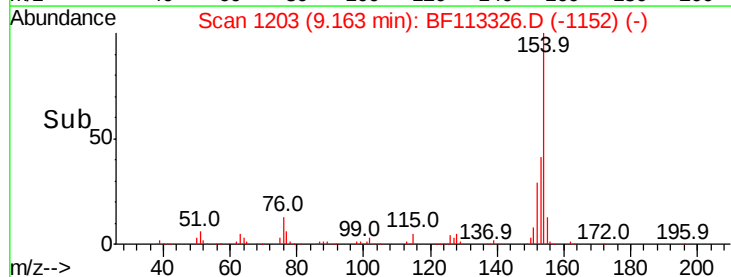
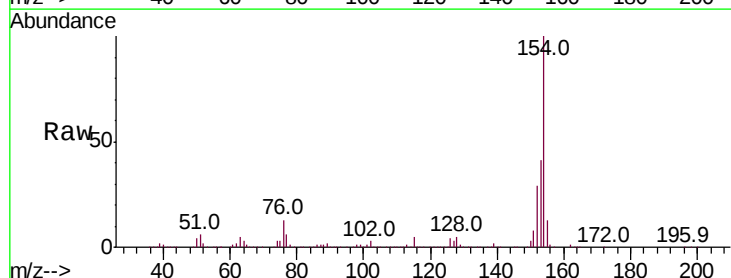
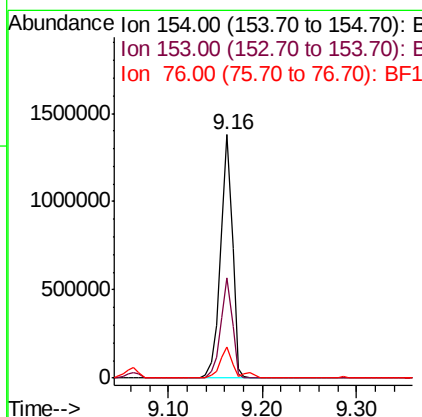
Manual Integrations
APPROVED

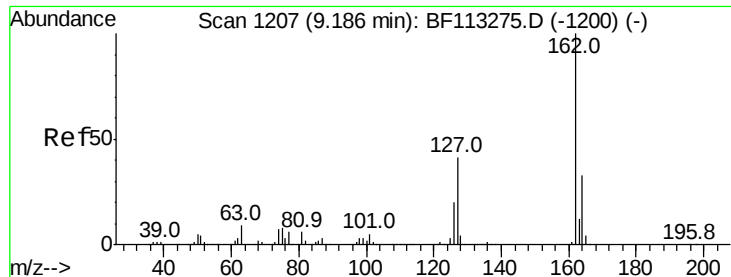
Sohil
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#46
1,1'-Biphenyl
Concen: 44.186 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.8	60.8
76	12.9	0.0	31.9





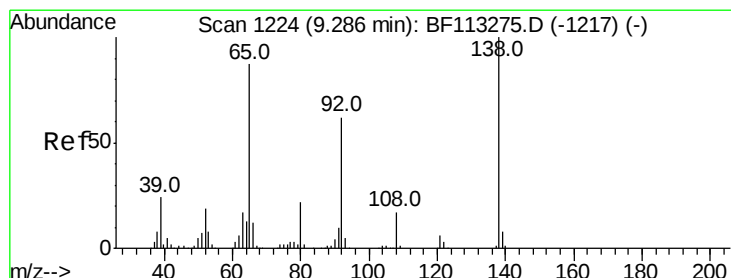
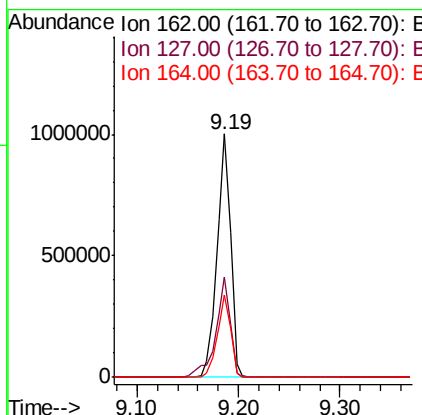
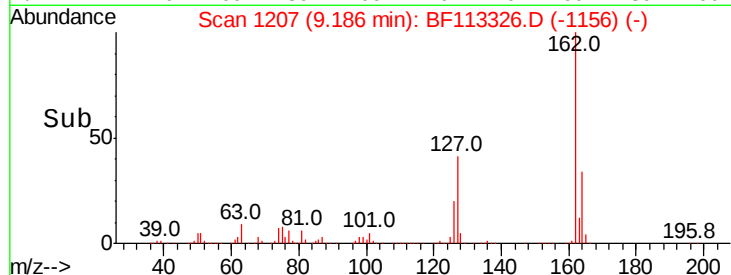
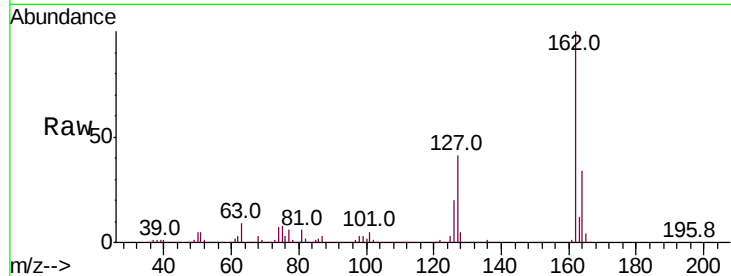
#47
 2-Chloronaphthalene
 Concen: 44.116 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tot Ion:	162	Resp:	936818
Ion Ratio	Lower	Upper	
162	100		
127	41.0	32.6	49.0
164	33.8	26.6	39.8

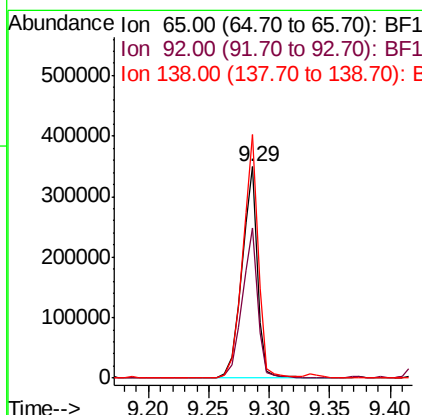
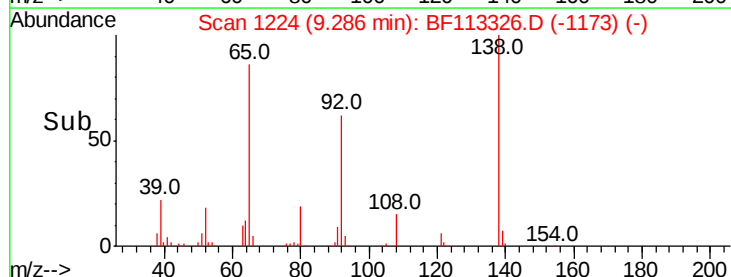
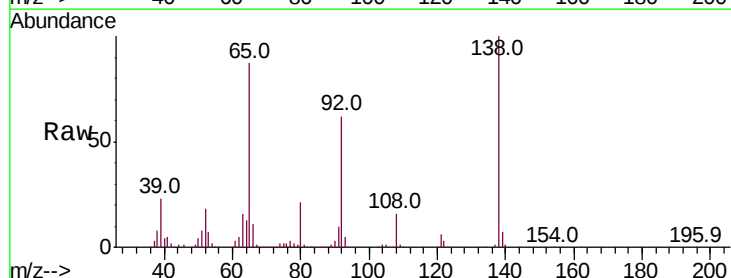
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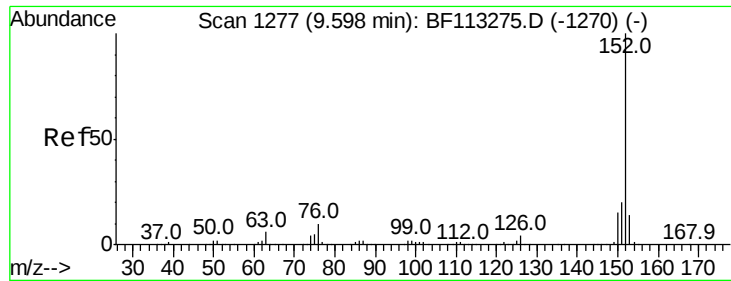
Sohil
 3/28/2019 8:41:41 AM



#48
 2-Nitroaniline
 Concen: 47.301 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Tgt Ion:	65	Resp:	315216
Ion Ratio	Lower	Upper	
65	100		
92	71.0	56.8	85.2
138	115.1	92.3	138.5





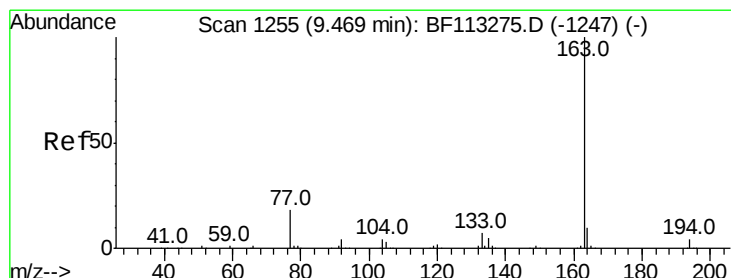
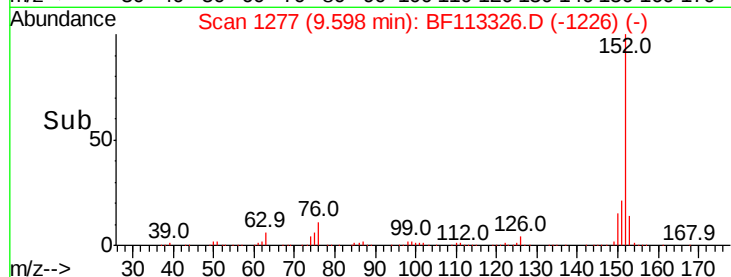
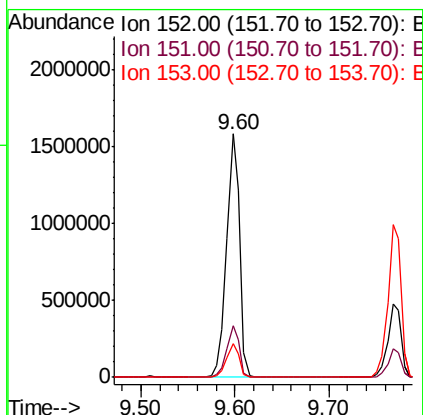
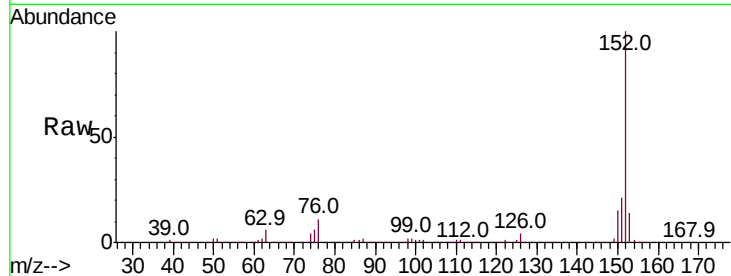
#49
Acenaphthylene
Concen: 44.236 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.4
153	13.8	11.0	16.6

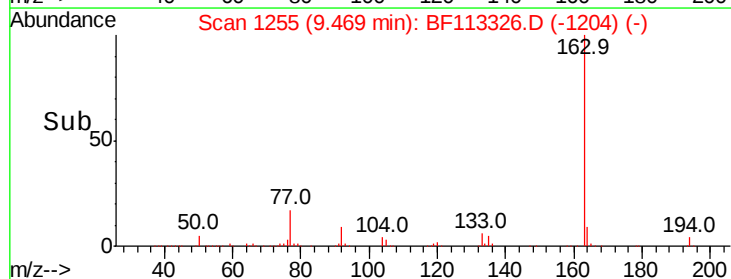
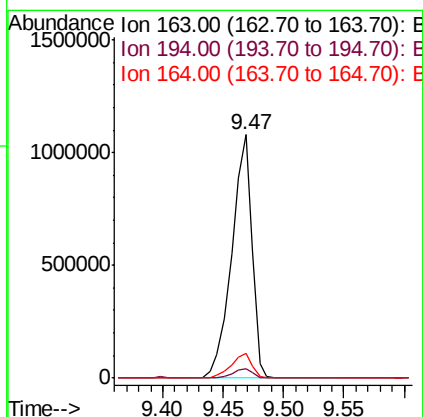
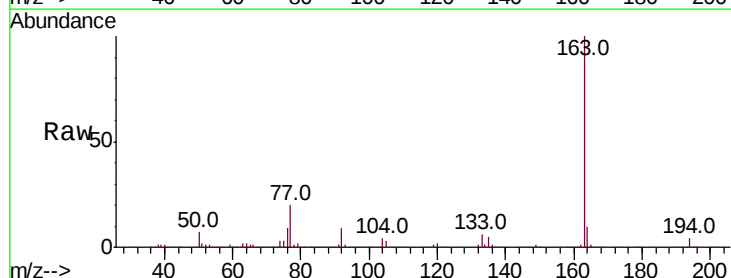
Manual Integrations
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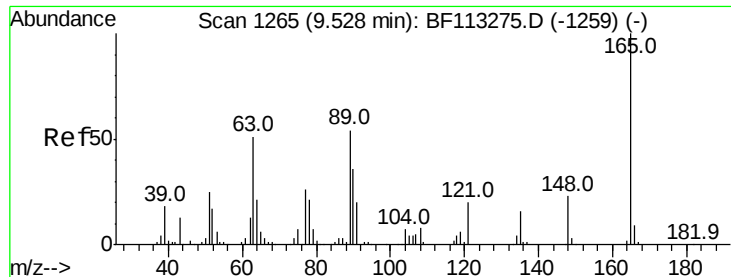
Sohil
3/28/2019 8:41:41 AM



#50
Dimethylphthalate
Concen: 51.479 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.3	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 46.858 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

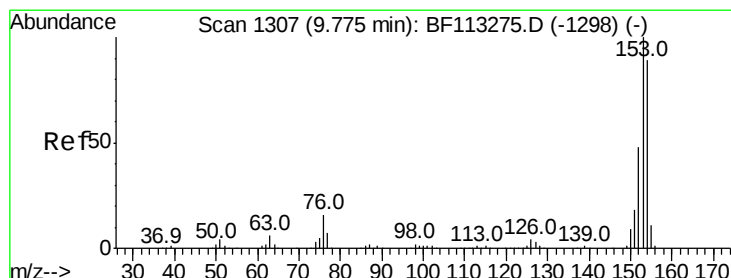
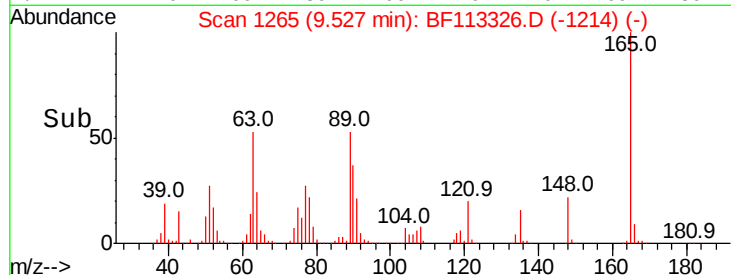
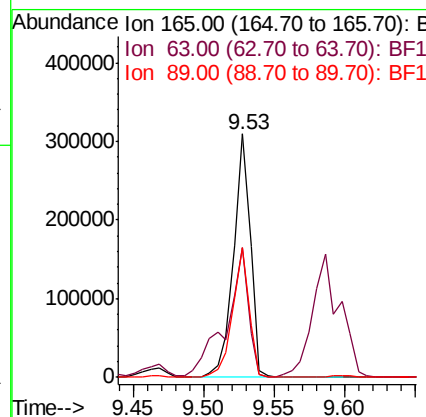
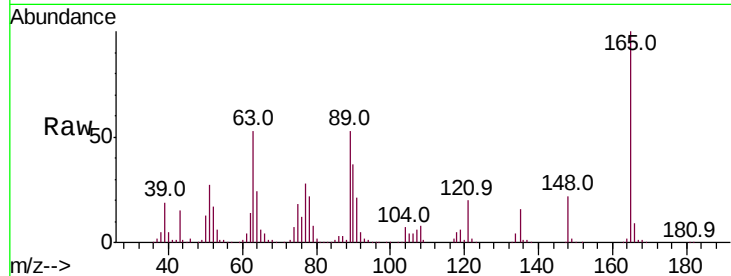
ClientSampled :

S-1MSD

Tot Ion:	165	Resp:	258696
Ion Ratio	Lower	Upper	
165	100		
63	53.1	43.4	65.0
89	53.4	43.1	64.7

Manual Integrations
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Sohil
3/28/2019 8:41:41 AM



#52

Acenaphthene

Concen: 44.658 ng

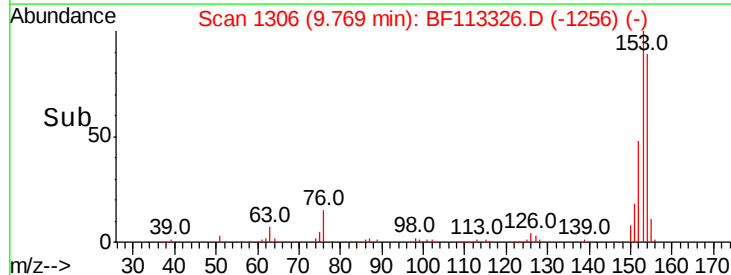
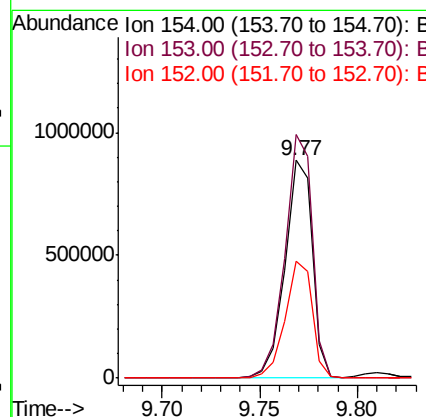
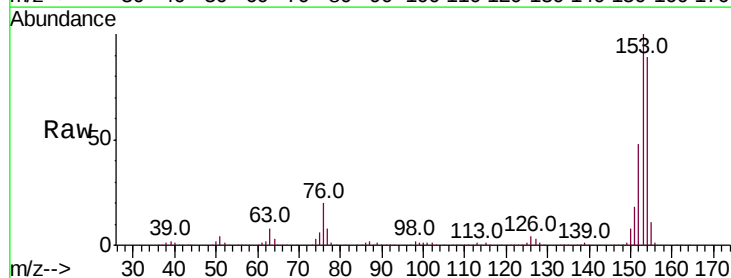
RT: 9.77 min Scan# 1306

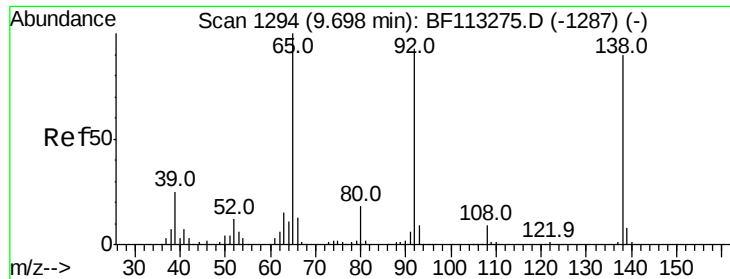
Delta R.T. -0.01 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Tgt Ion:	154	Resp:	863512
Ion Ratio	Lower	Upper	
154	100		
153	111.9	89.5	134.3
152	53.8	43.3	64.9





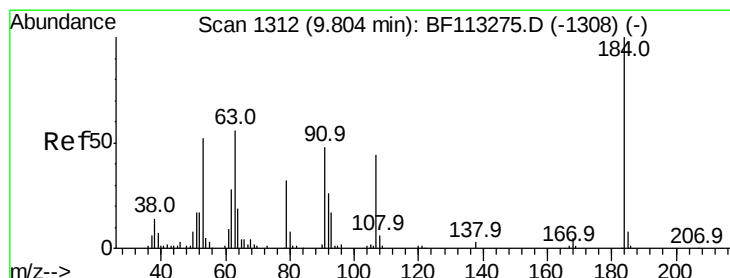
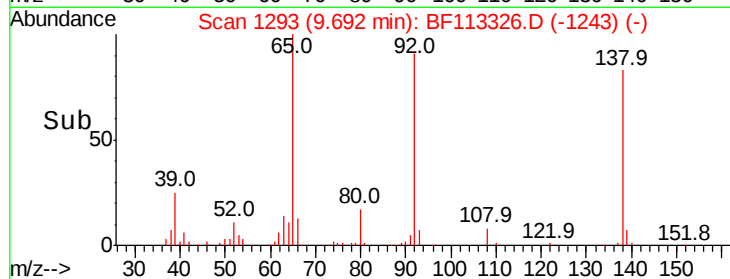
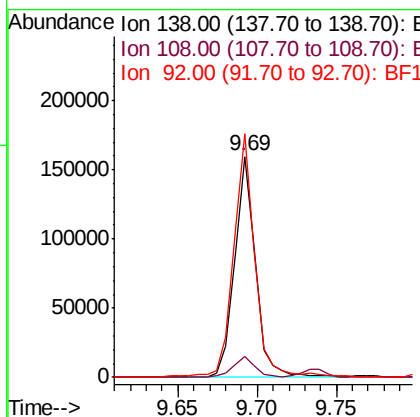
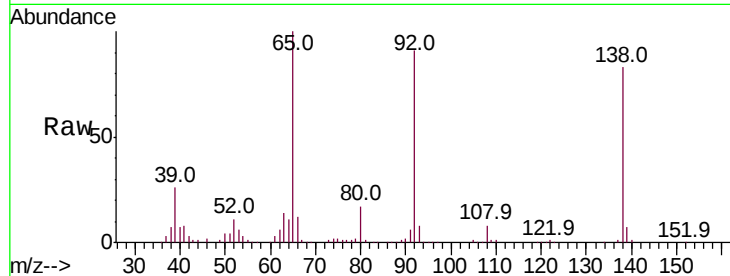
#53
3-Nitroaniline
Concen: 23.558 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.8	11.6
92	110.1	82.6	124.0

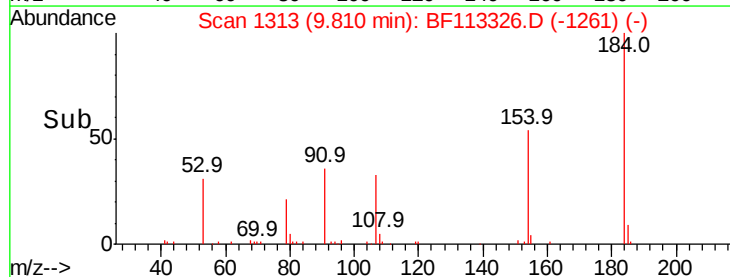
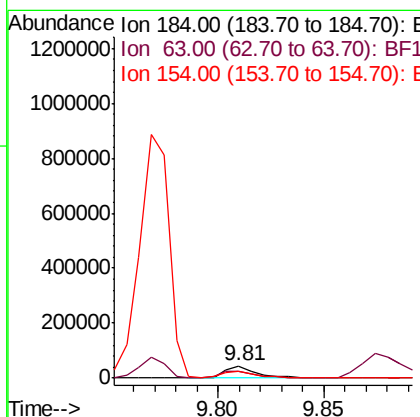
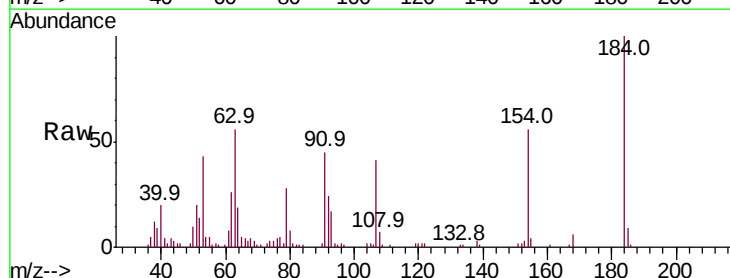
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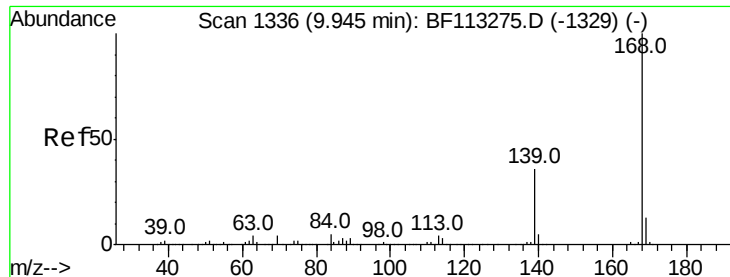
Sohil
3/28/2019 8:41:41 AM



#54
2,4-Dinitrophenol
Concen: 17.588 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.2	54.3	81.5
154	55.6	48.4	72.6





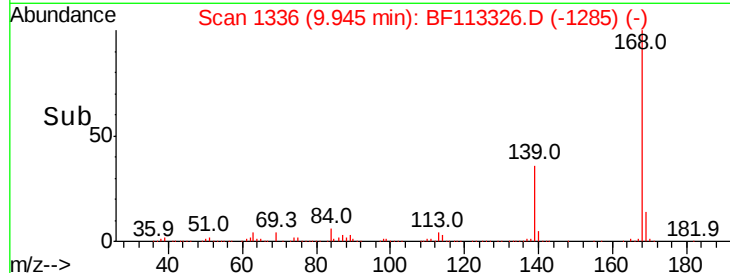
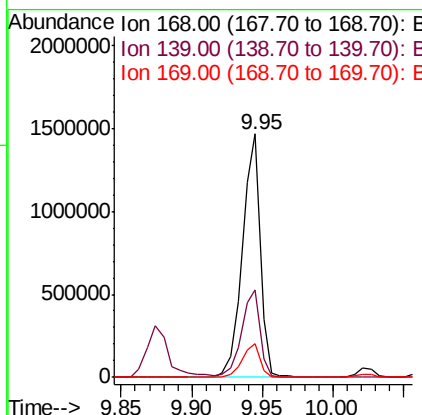
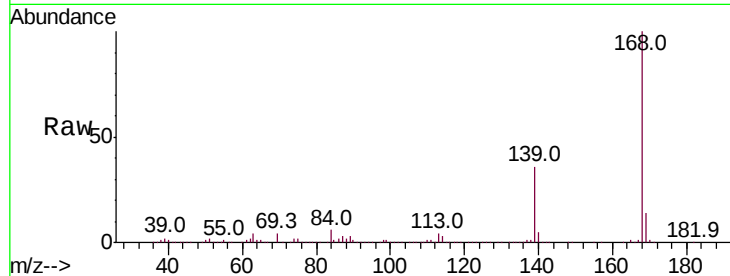
#55
Dibenzofuran
Concen: 44.462 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampled :
S-1MSD

Tot Ion:168 Resp: 1292471
Ion Ratio Lower Upper
168 100
139 36.1 29.7 44.5
169 13.8 10.7 16.1

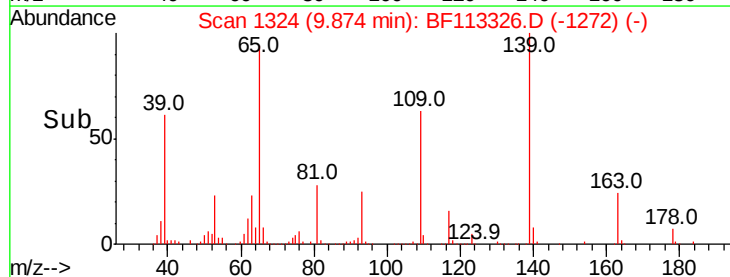
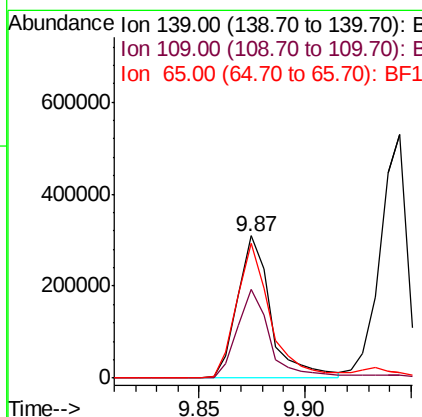
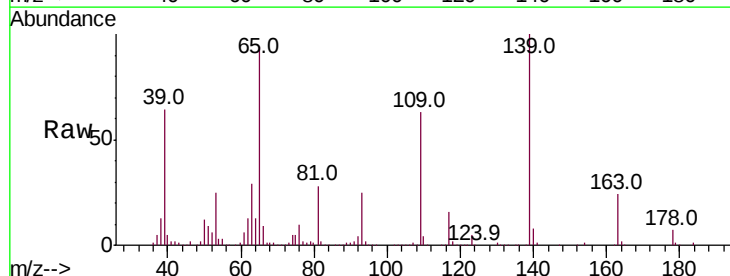
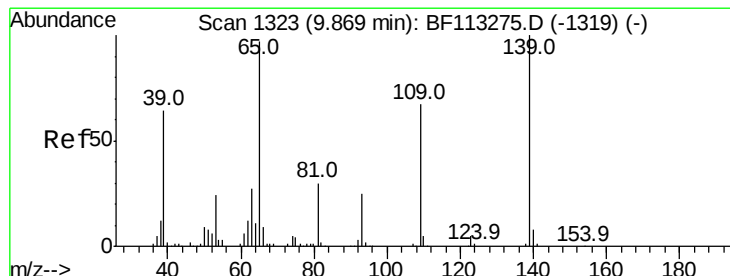
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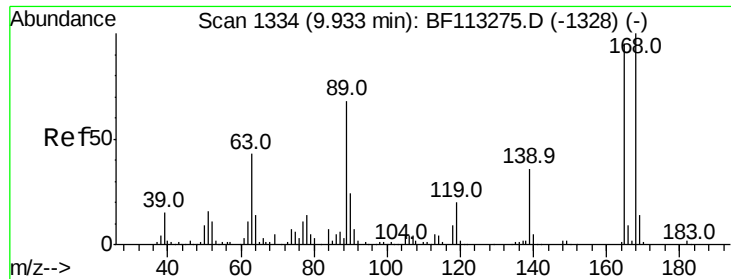
Sohil
3/28/2019 8:41:41 AM



#56
4-Nitrophenol
Concen: 76.565 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion:139 Resp: 339853
Ion Ratio Lower Upper
139 100
109 62.5 46.9 86.9
65 94.5 77.2 117.2





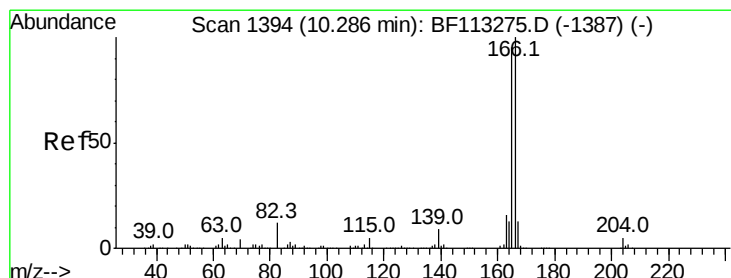
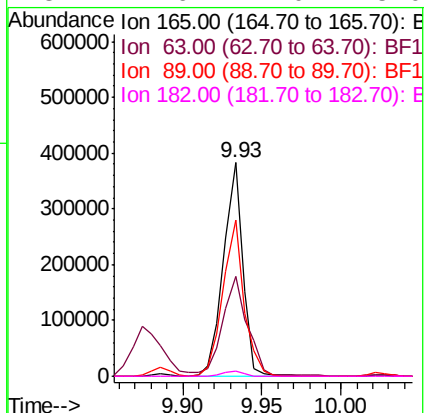
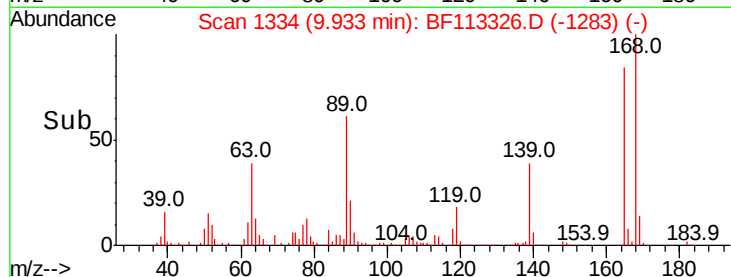
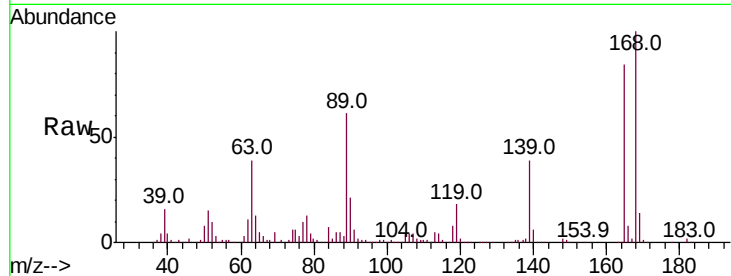
#57
2,4-Dinitrotoluene
Concen: 46.082 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	46.7	37.5	56.3
89	72.8	57.4	86.2
182	2.6	2.0	3.0

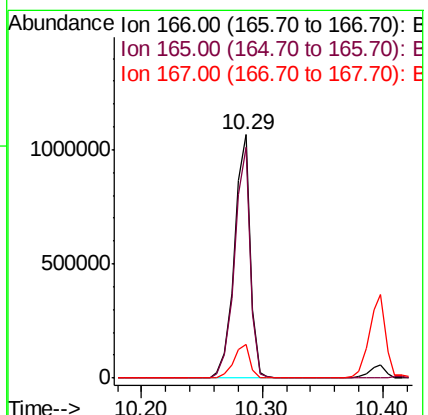
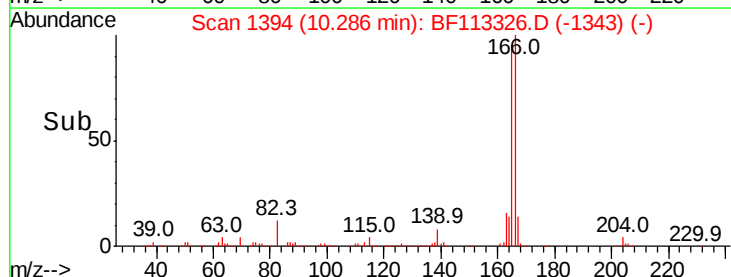
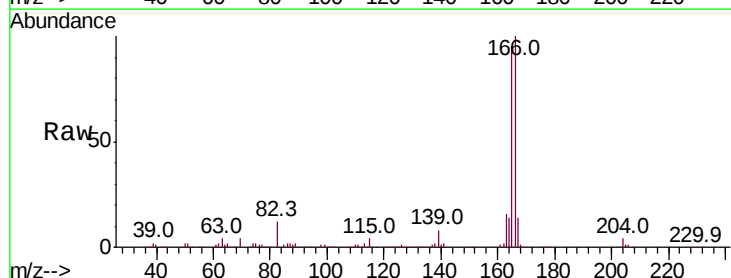
Manual Integrations
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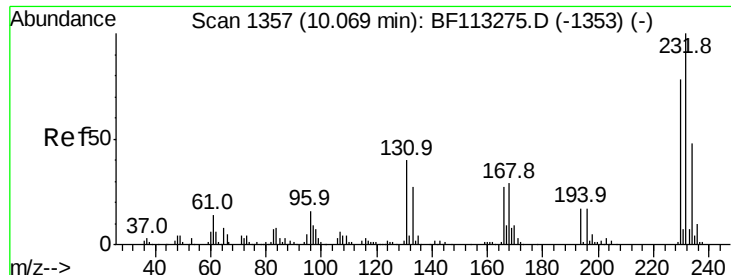
Sohil
3/28/2019 8:41:41 AM



#58
Fluorene
Concen: 43.526 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	94.8	76.2	114.2
167	13.8	10.7	16.1





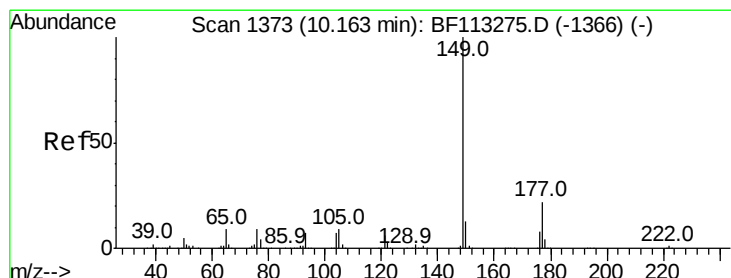
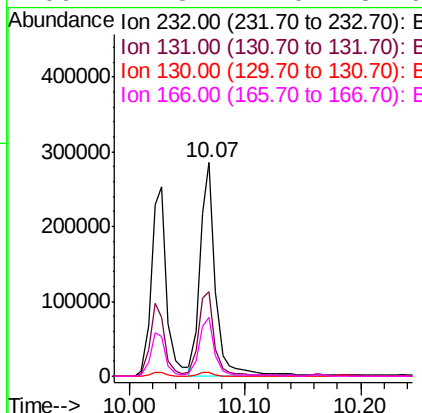
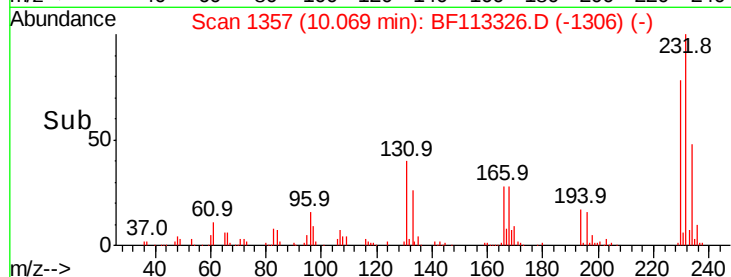
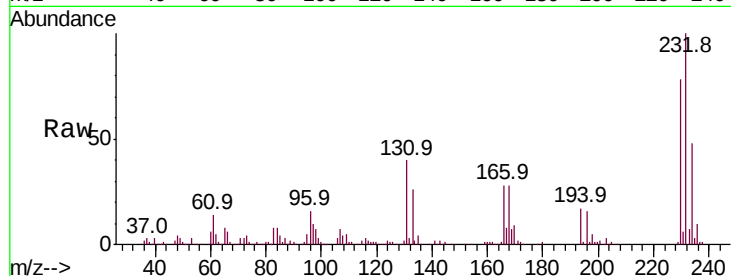
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.262 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	266555		
131	43.1		33.2	49.8
130	2.0		1.6	2.4
166	27.8		21.0	31.6

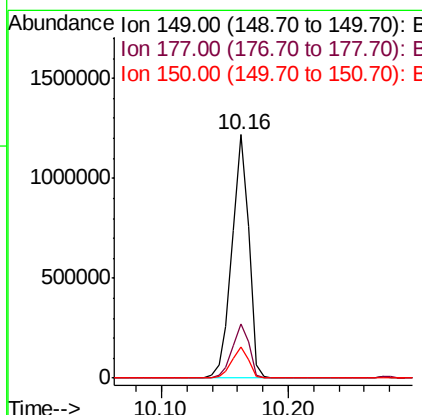
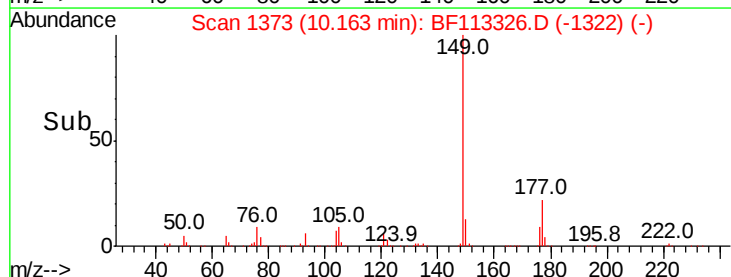
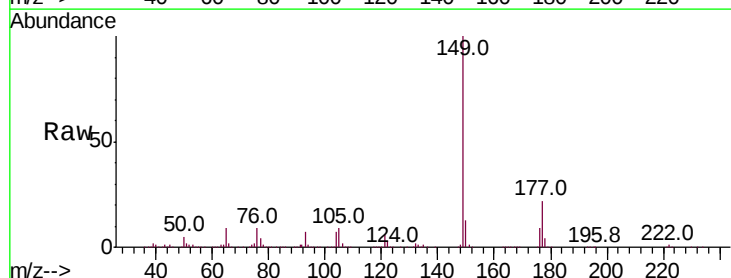
Manual Integrations
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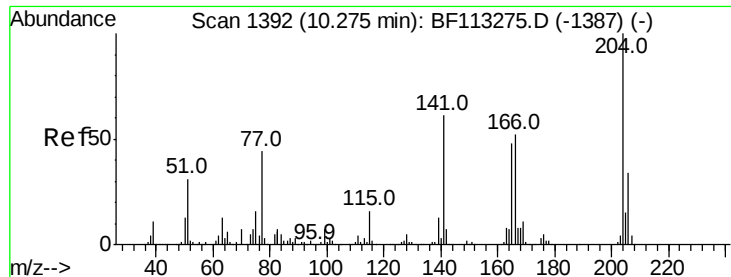
Sohil
 3/28/2019 8:41:41 AM



#60
 Diethylphthalate
 Concen: 46.277 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1110984		
177	22.4		17.4	26.0
150	12.9		10.0	15.0





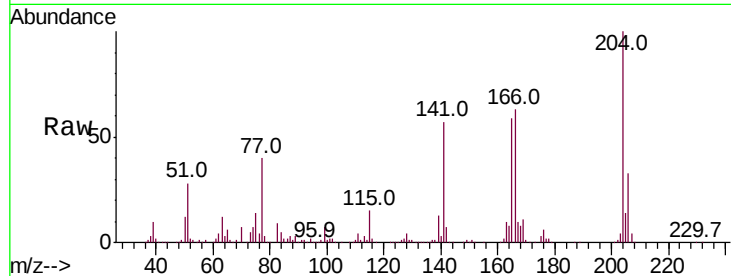
#61
4-Chlorophenyl-phenylether
Concen: 44.444 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampled :
S-1MSD

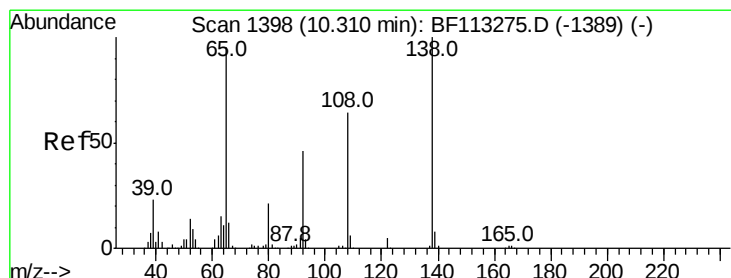
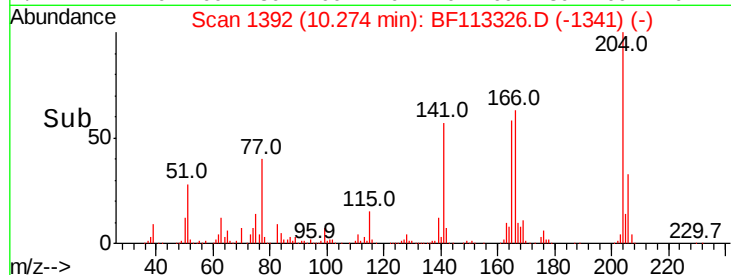
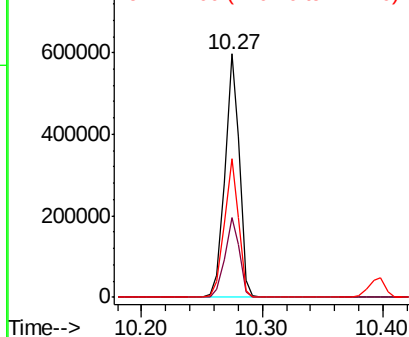
Tot Ion	Ratio	Resp	Lower	Upper
204	100	489155		
206	32.8	26.9	40.3	
141	56.9	48.8	73.2	

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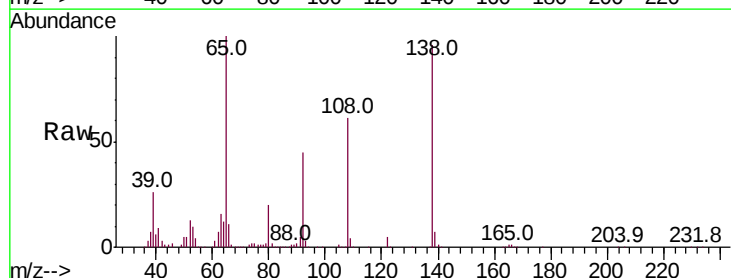


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

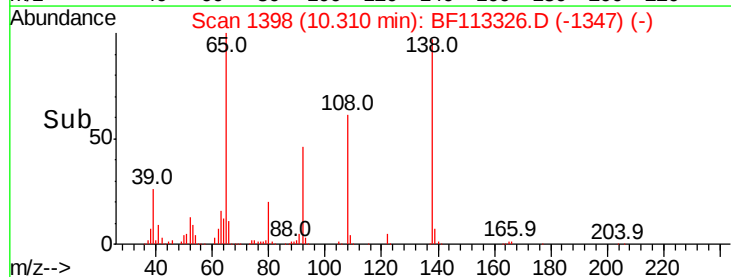
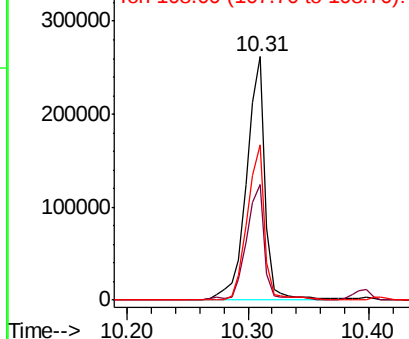


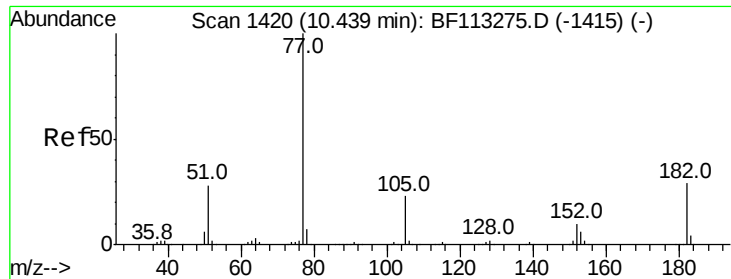
#62
4-Nitroaniline
Concen: 43.866 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	281193		
92	47.2	25.8	65.8	
108	63.8	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





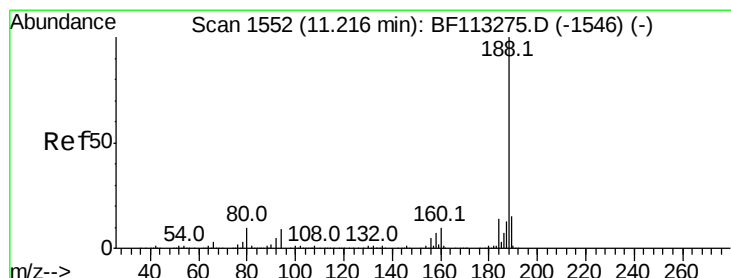
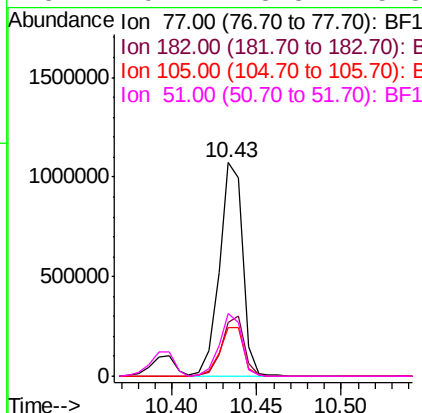
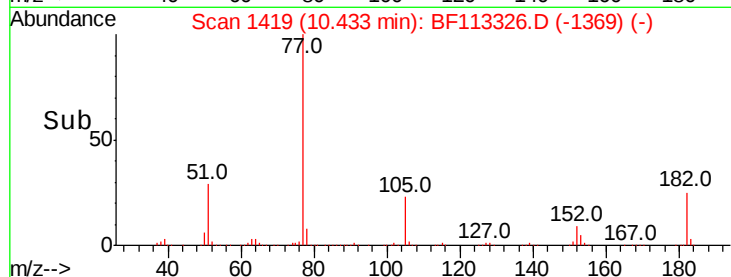
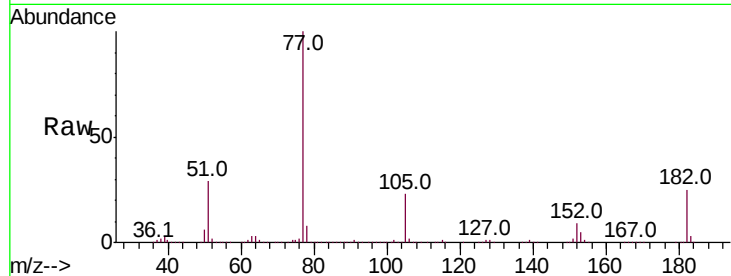
#63
Azobenzene
Concen: 45.254 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.0	8.7	48.7
105	22.8	2.9	42.9
51	29.2	8.8	48.8

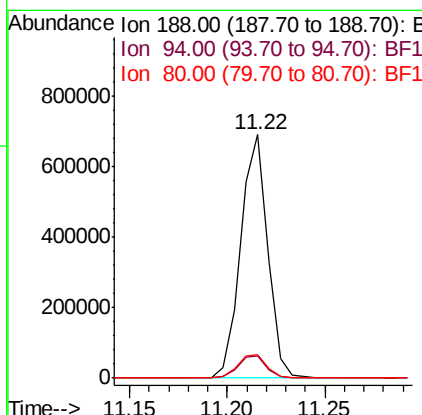
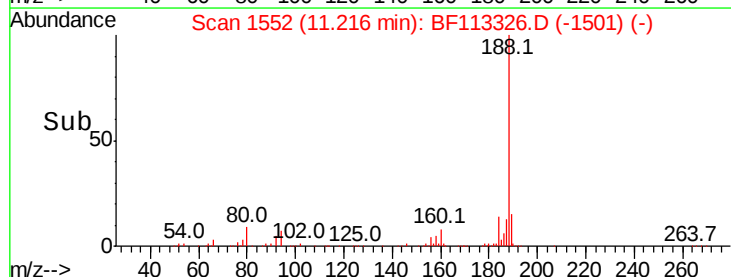
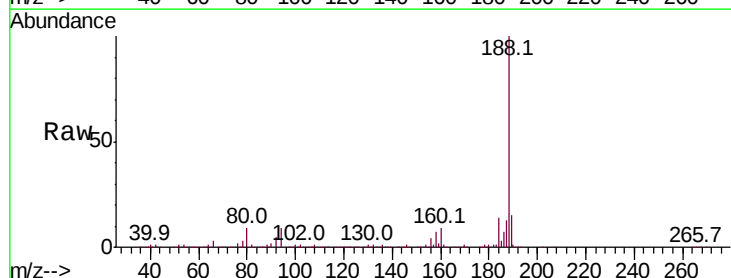
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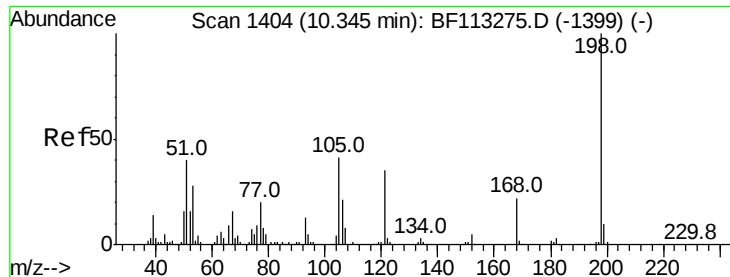
Sohil
3/28/2019 8:41:41 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	9.5	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 22.599 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampled :

S-1MSD

Tot Ion:198 Resp: 81795

Ion Ratio Lower Upper

198 100

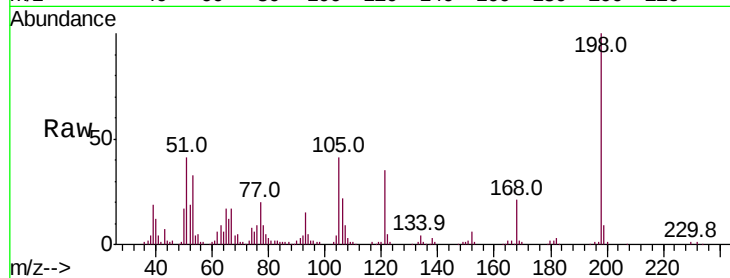
51 40.9 21.6 61.6

105 41.4 20.6 60.6

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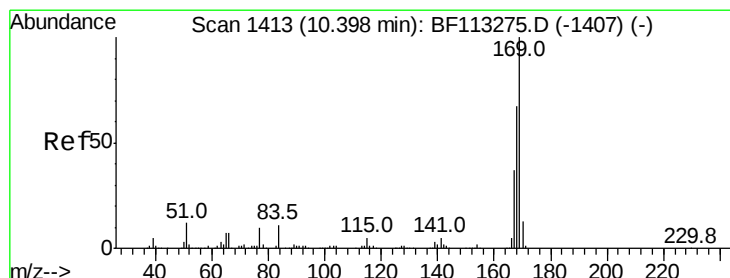
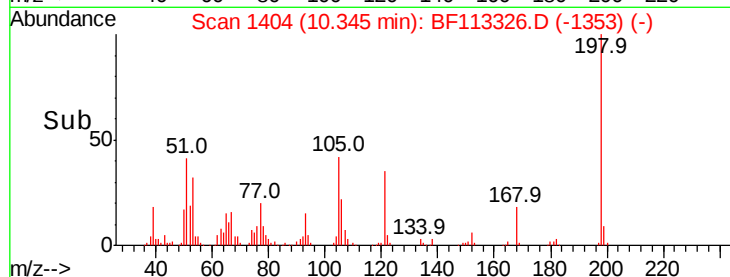
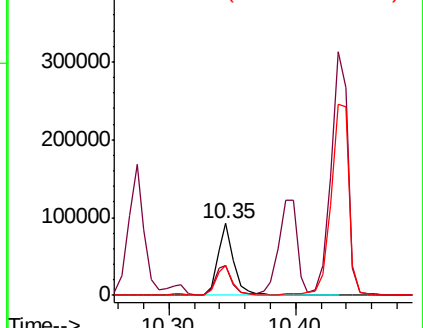
3/28/2019 8:41:41 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.695 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

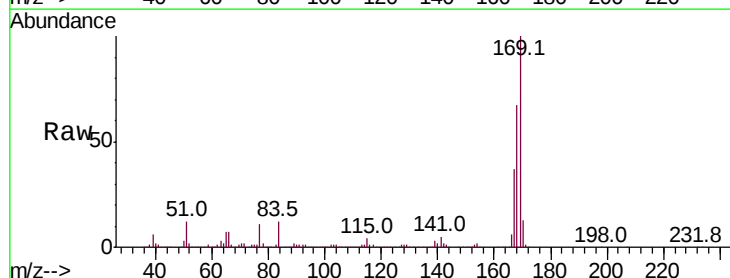
Tgt Ion:169 Resp: 927693

Ion Ratio Lower Upper

169 100

168 66.9 53.7 80.5

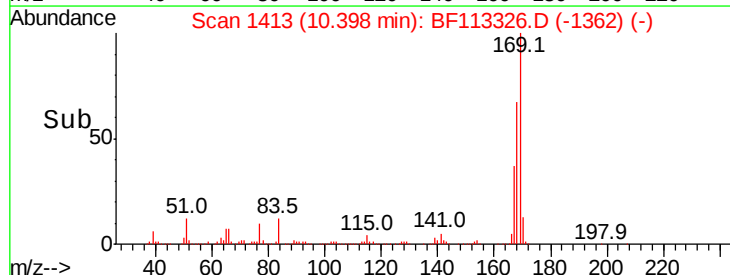
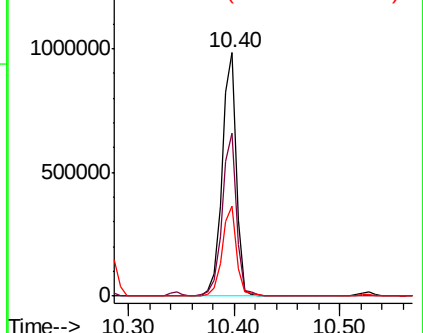
167 37.1 29.5 44.3

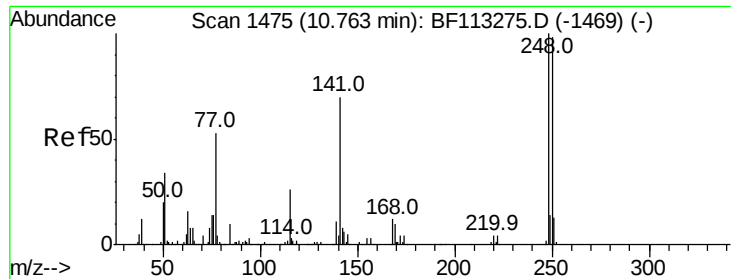


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





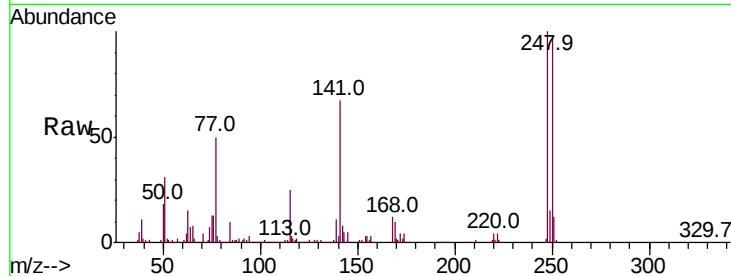
#67
4-Bromophenyl-phenylether
Concen: 45.402 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampled :
S-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.3	117.5
141	67.1	56.2	84.4

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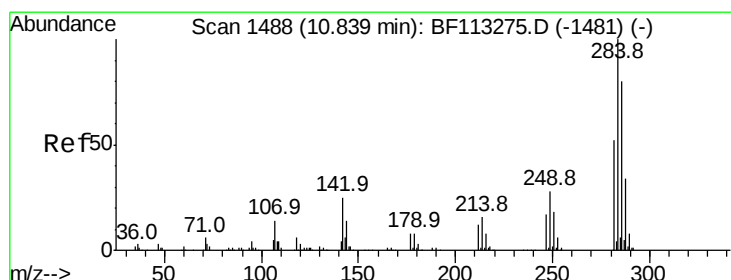
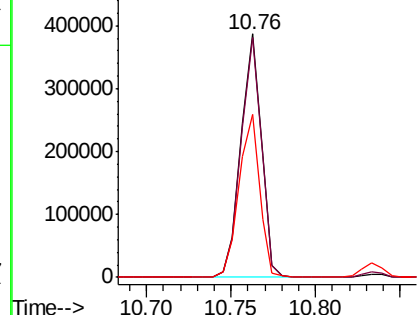
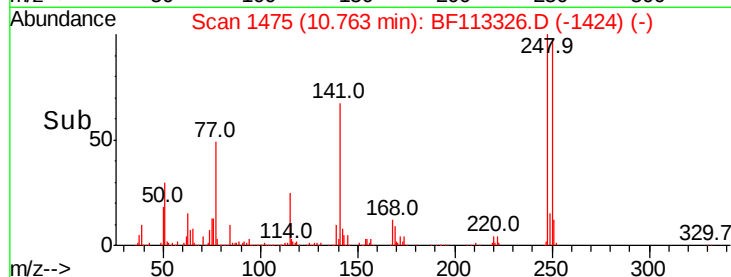


Abundance

Ion 248.00 (247.70 to 248.70): E

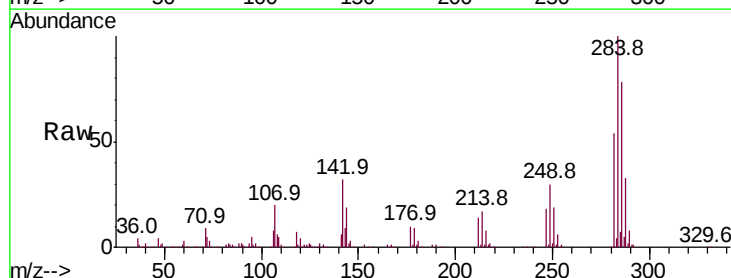
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.715 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	20.1	30.1#
249	29.9	22.7	34.1

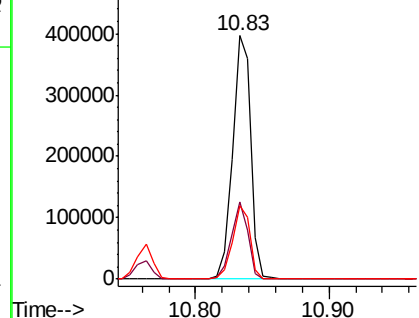
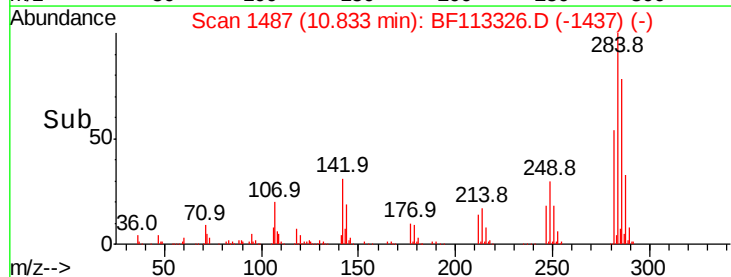


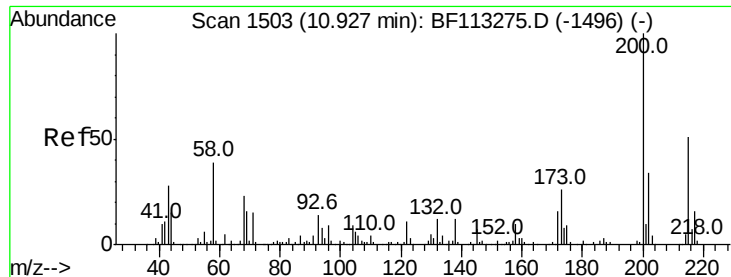
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





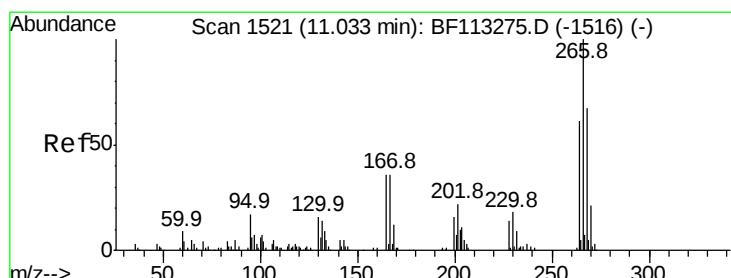
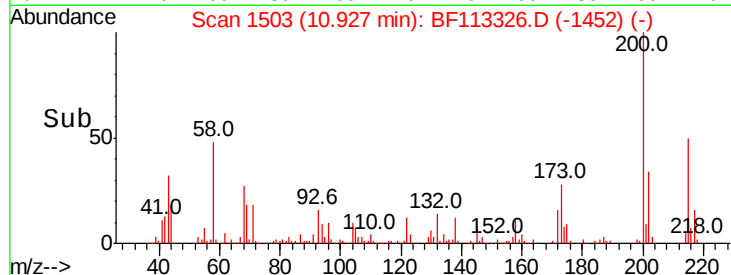
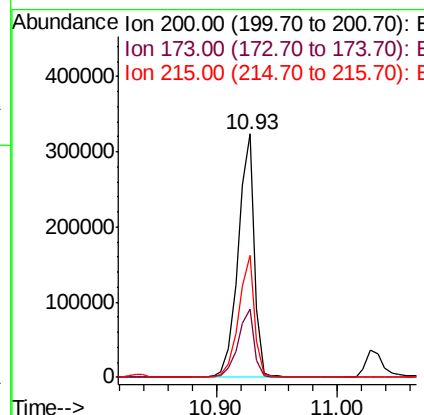
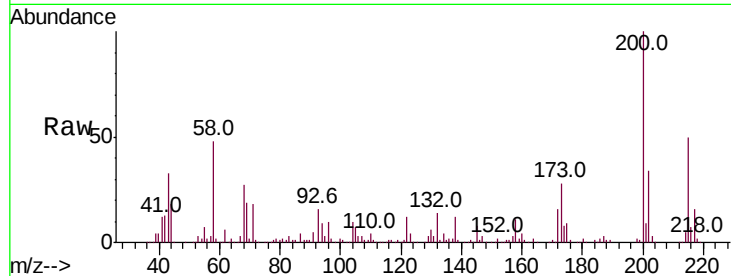
#69
Atrazine
Concen: 47.204 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.9	6.0	46.0	
215	49.9	31.3	71.3	

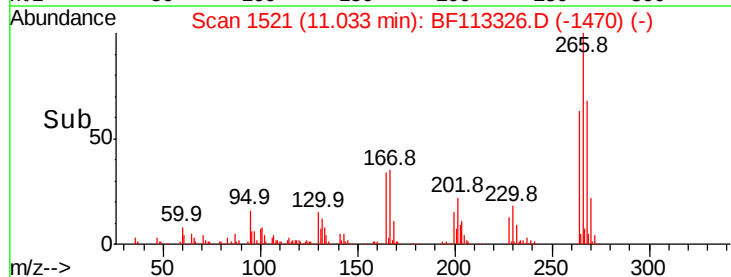
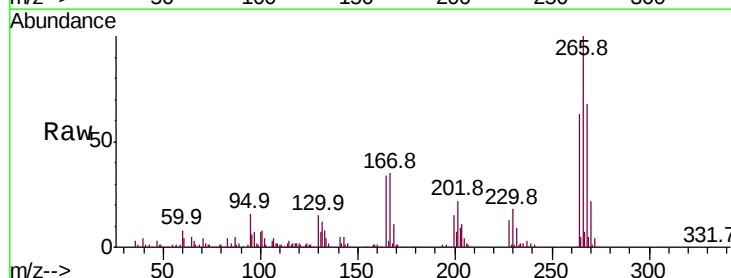
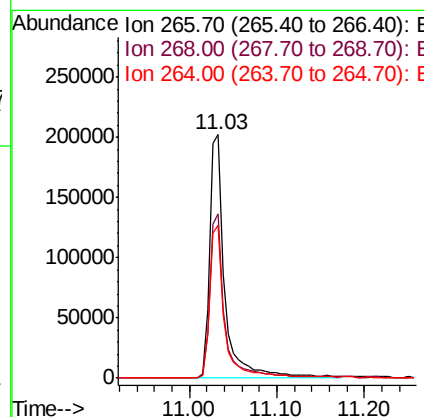
Manual Integrations
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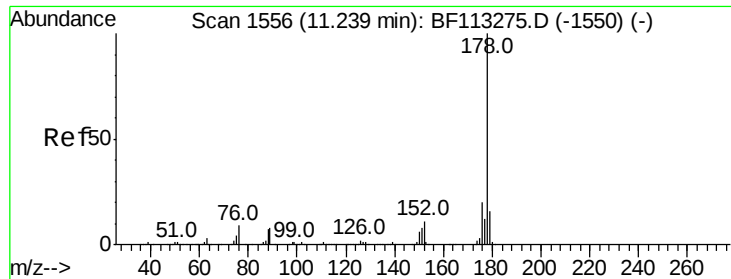
Sohil
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#70
Pentachlorophenol
Concen: 56.408 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	67.6	53.8	80.6	
264	62.5	49.2	73.8	





#71

Phenanthrene

Concen: 44.230 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

Tot Ion:178 Resp: 1453209

Ion Ratio Lower Upper

178 100

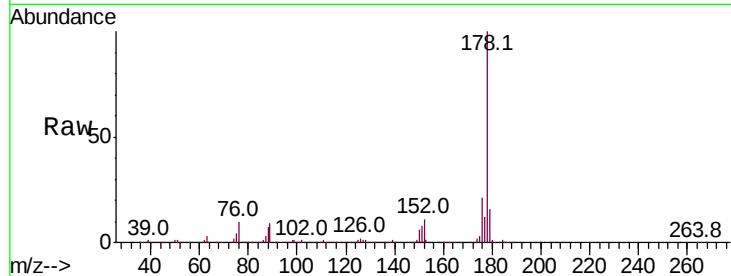
176 20.5 16.2 24.2

179 16.1 12.7 19.1

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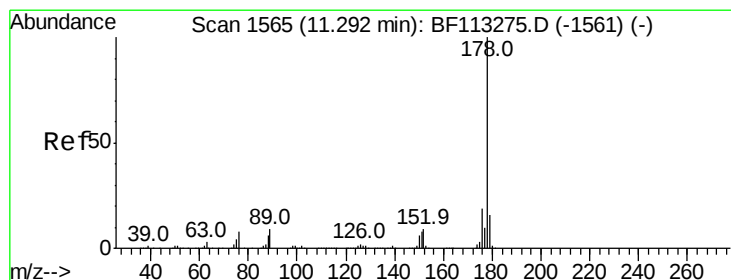
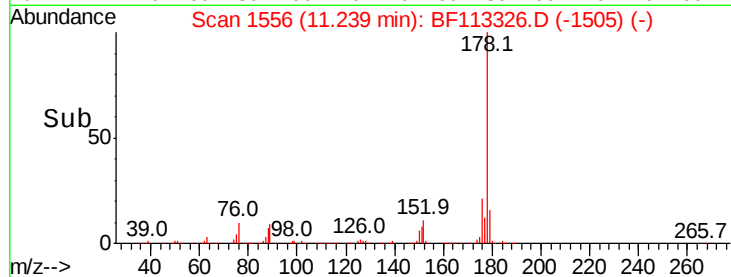
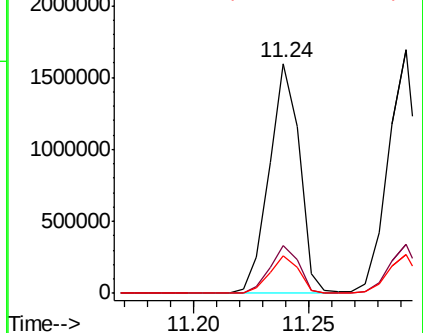
3/28/2019 8:41:41 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.625 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Tgt Ion:178 Resp: 1522641

Ion Ratio Lower Upper

178 100

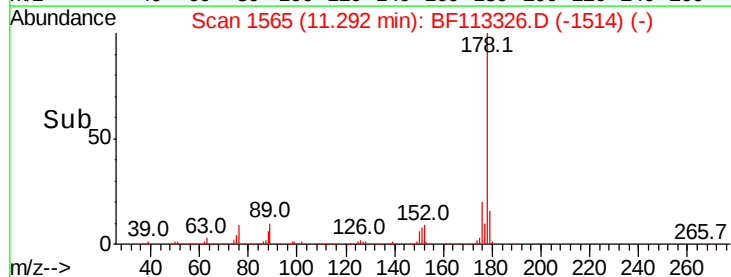
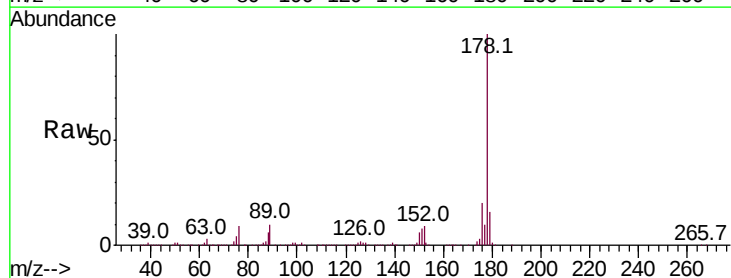
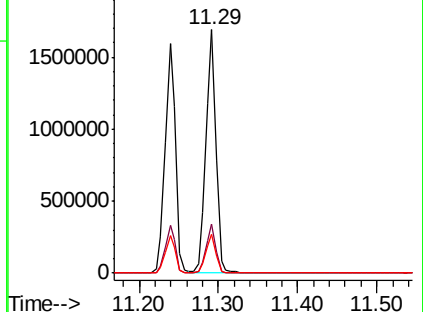
176 19.9 15.4 23.2

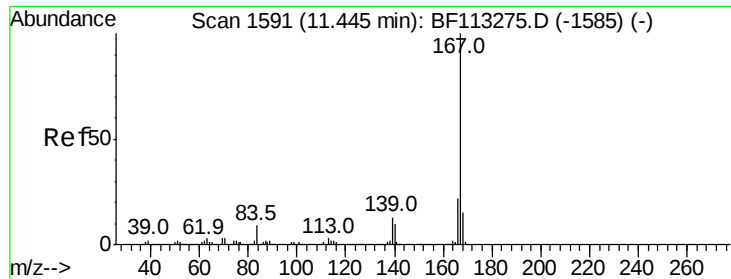
179 15.9 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





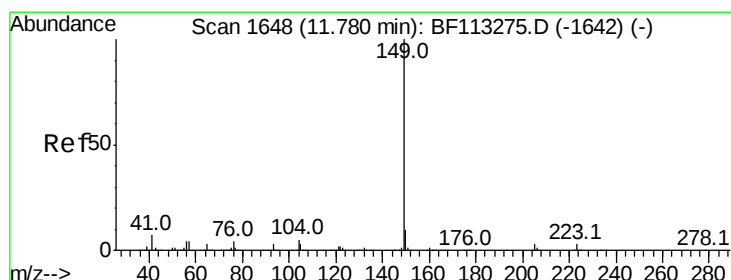
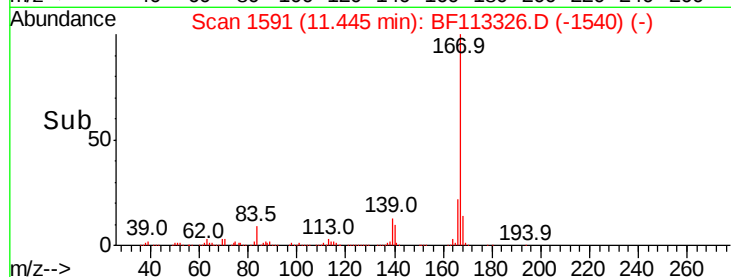
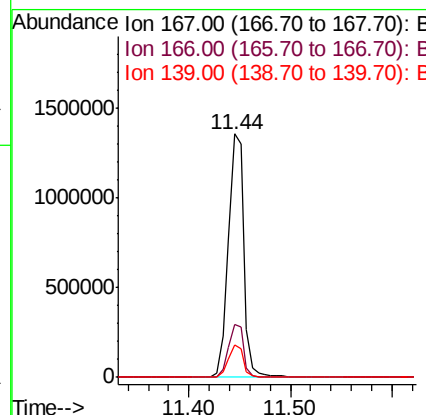
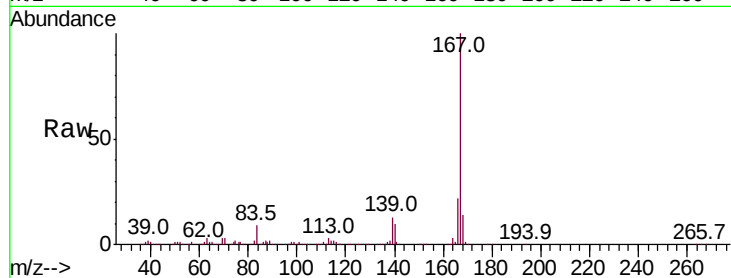
#73
 Carbazole
 Concen: 45.260 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	13.2	10.4	15.6

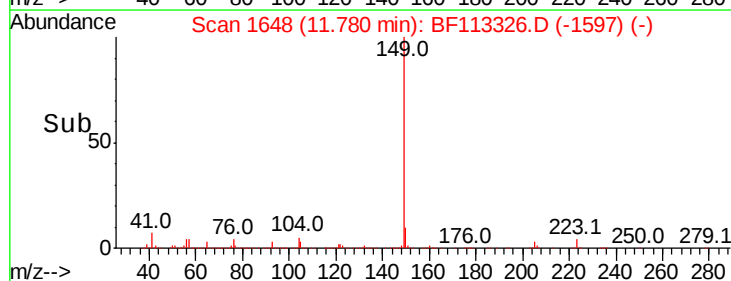
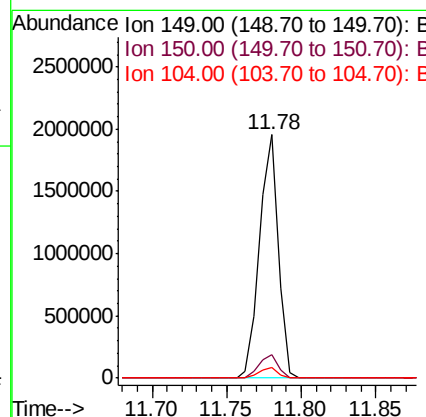
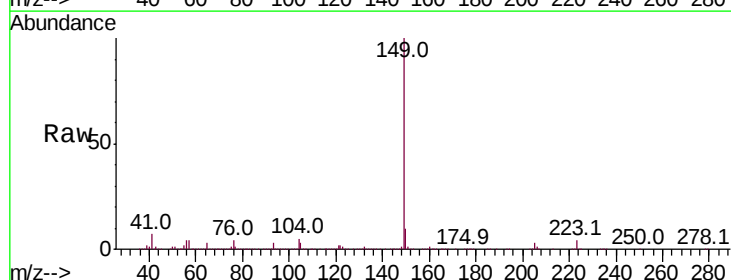
Manual Integrations
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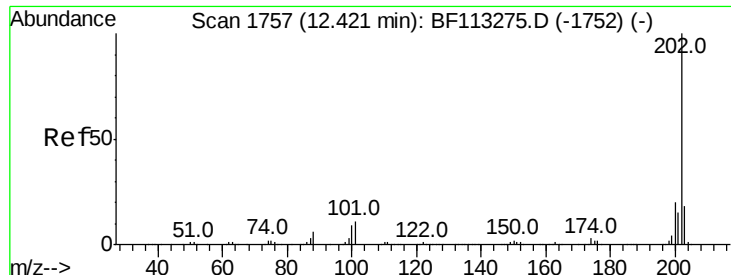
Sohil
 3/28/2019 8:41:41 AM



#74
 Di-n-butylphthalate
 Concen: 45.658 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	4.5	3.7	5.5





#75

Fluoranthene

Concen: 41.727 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

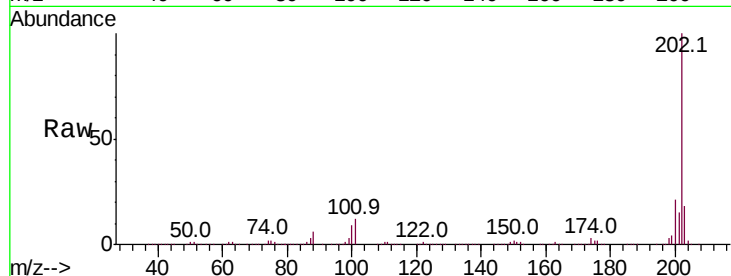
ClientSampleId :

S-1MSD

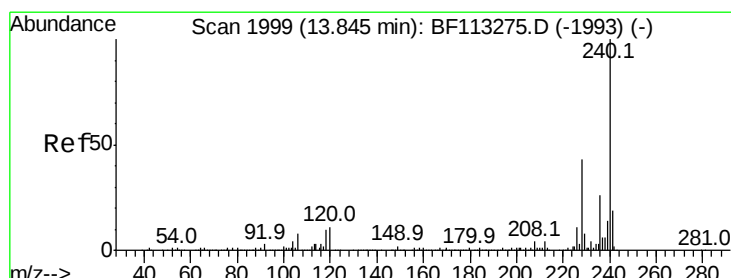
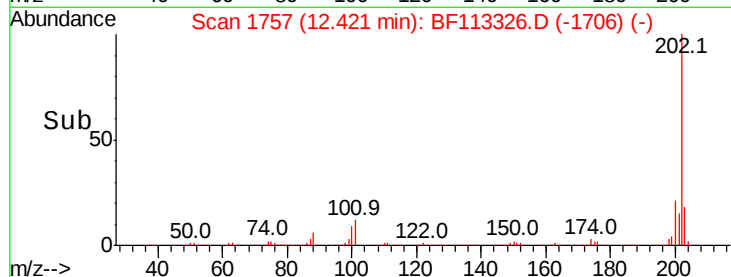
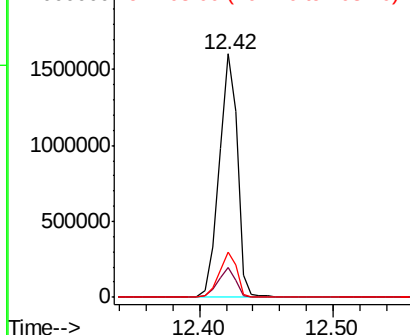
Tot Ion:	202	Resp:	1549850
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.4
203	18.5	0.0	38.0

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

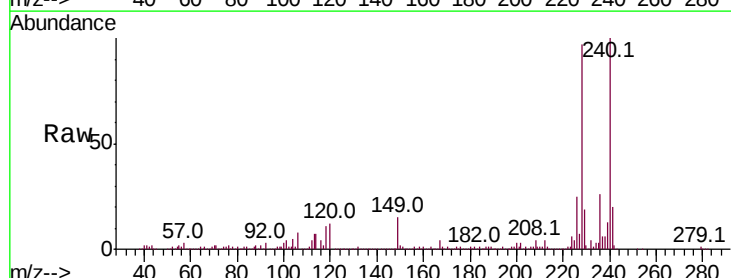
RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

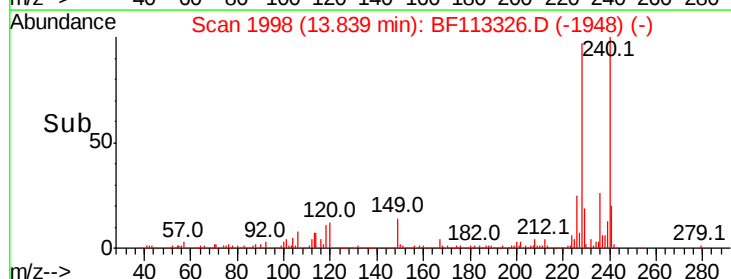
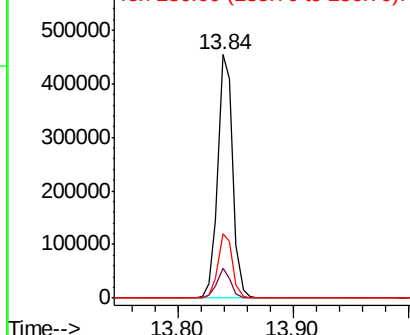
Lab File: BF113326.D

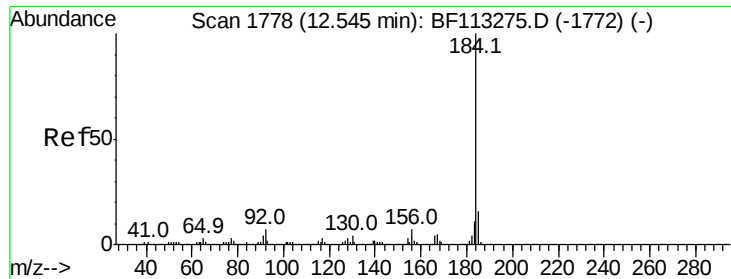
Acq: 27 Mar 2019 13:00

Tgt Ion:	240	Resp:	409322
Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.8	13.2
236	26.2	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.226 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

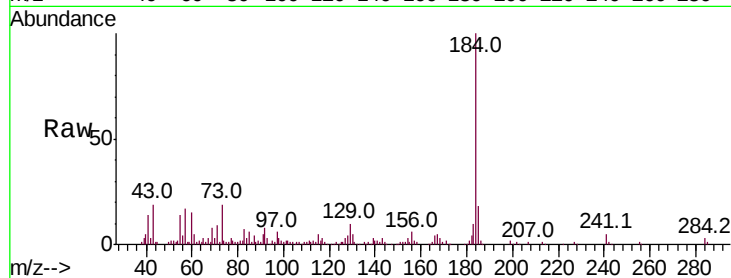
ClientSampleId :

S-1MSD

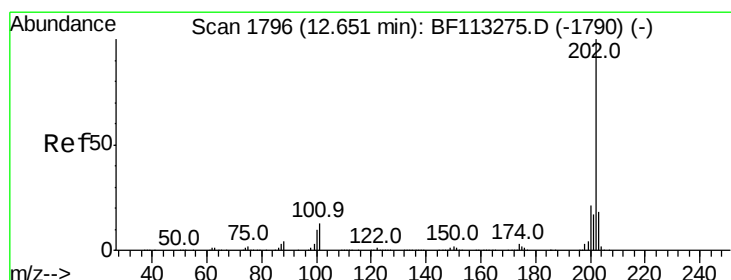
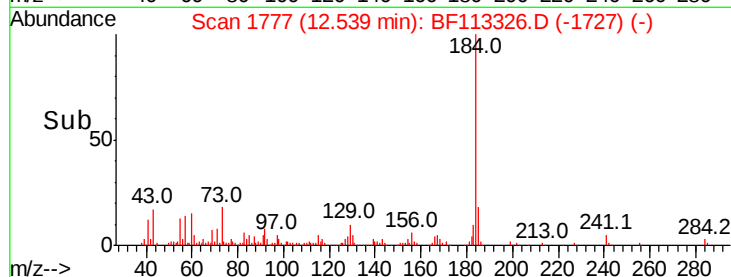
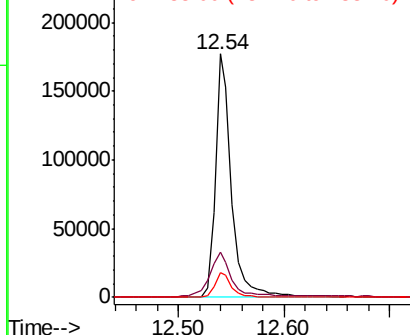
Tot Ion:	184	Resp:	191640
Ion Ratio	Lower	Upper	
184	100		
185	18.5	13.0	19.6
183	10.2	9.0	13.4

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.870 ng

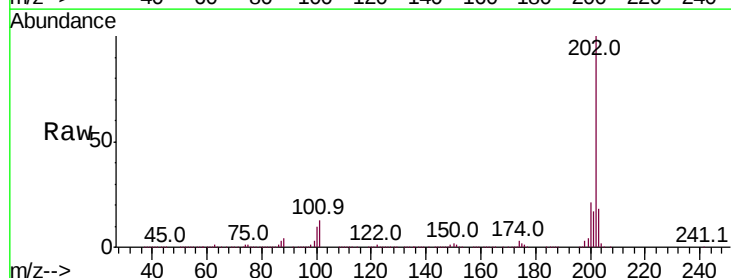
RT: 12.65 min Scan# 1796

Delta R.T. -0.00 min

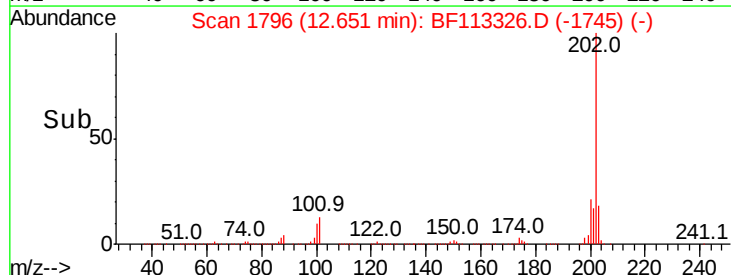
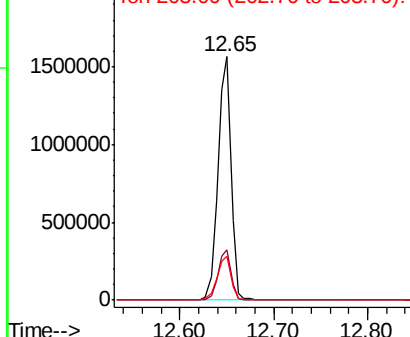
Lab File: BF113326.D

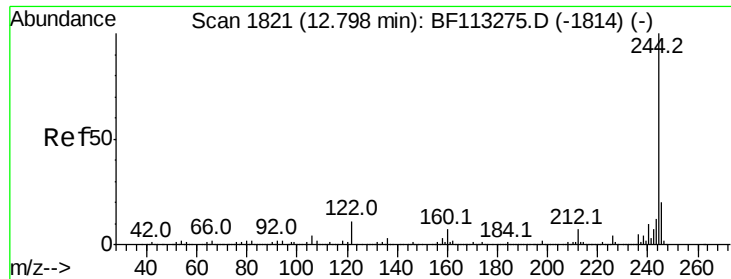
Acq: 27 Mar 2019 13:00

Tgt Ion:	202	Resp:	1528003
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.8	25.2
203	18.1	14.4	21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





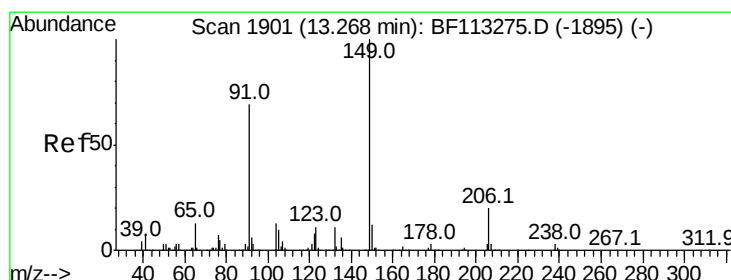
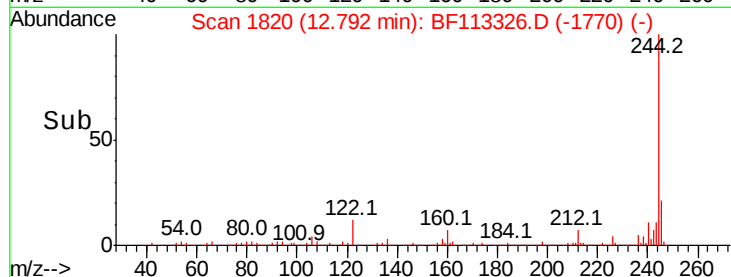
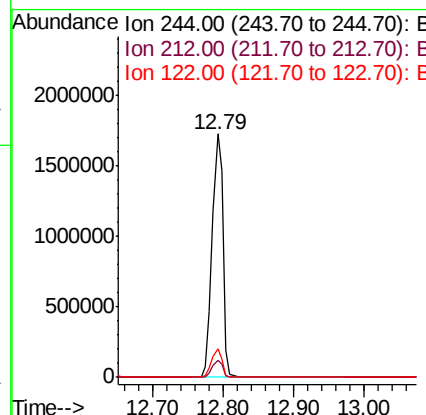
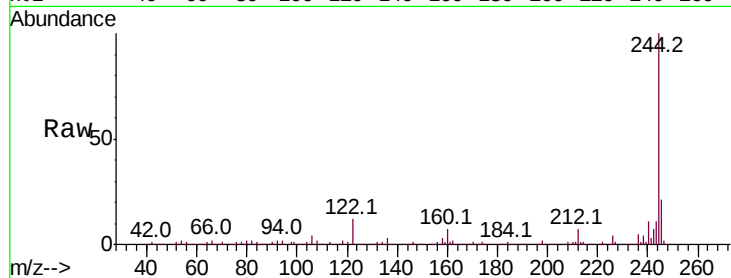
#79
 Terphenyl-d14
 Concen: 98.519 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	11.6	8.6	13.0

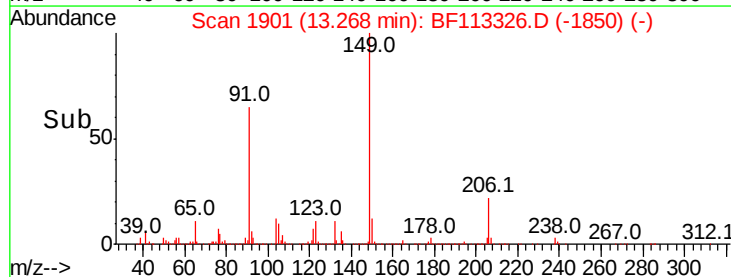
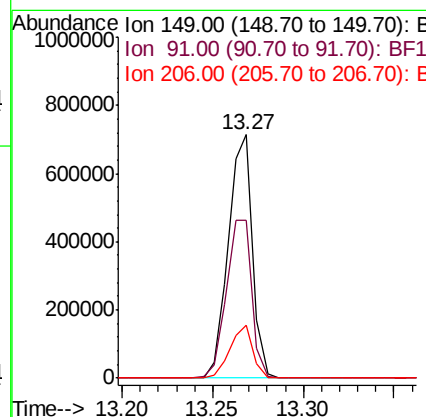
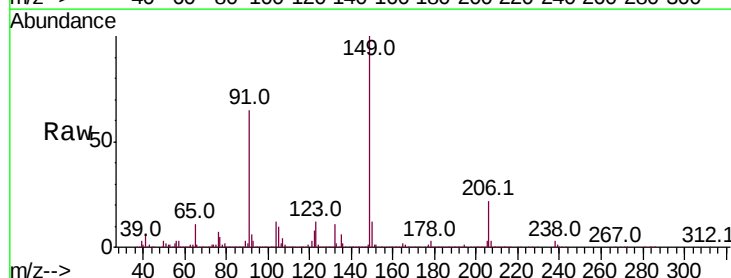
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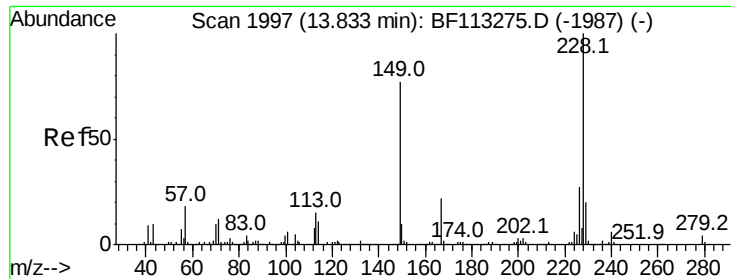
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 3/28/2019 8:41:41 AM



#80
 Butylbenzylphthalate
 Concen: 52.584 ng
 RT: 13.27 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BF113326.D
 Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.6	55.2	82.8
206	21.6	16.1	24.1





#81

Benzo(a)anthracene

Concen: 44.760 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampleId :

S-1MSD

Tot Ion:228 Resp: 1048741

Ion Ratio Lower Upper

228 100

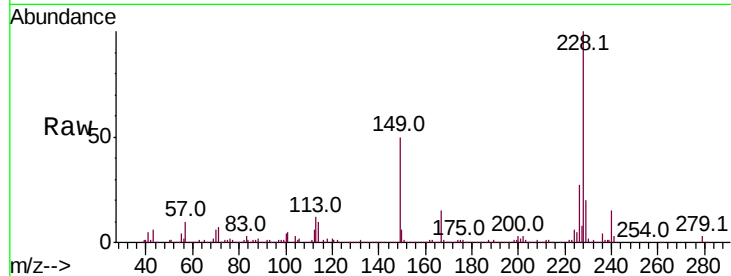
226 27.1 21.8 32.8

229 20.0 16.2 24.4

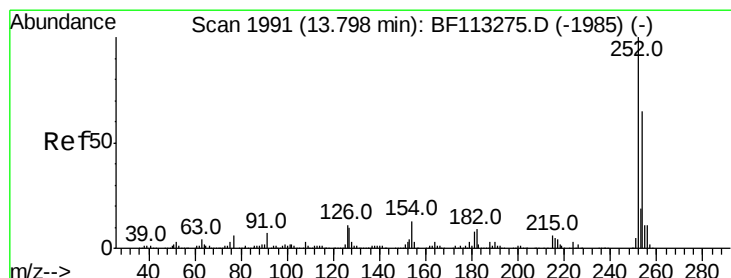
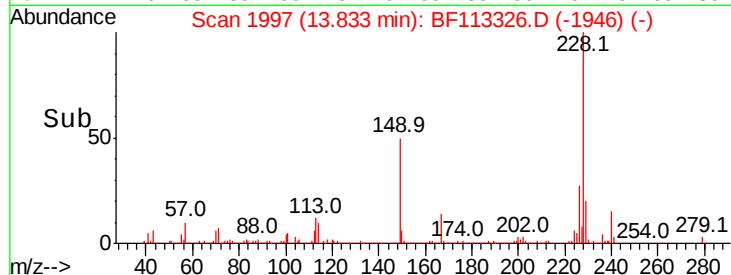
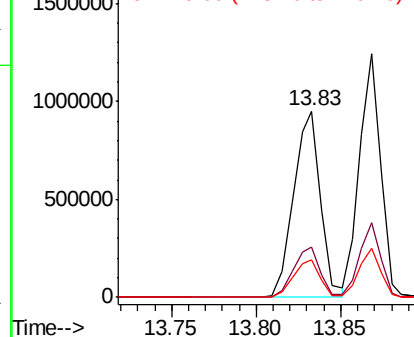
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.263 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

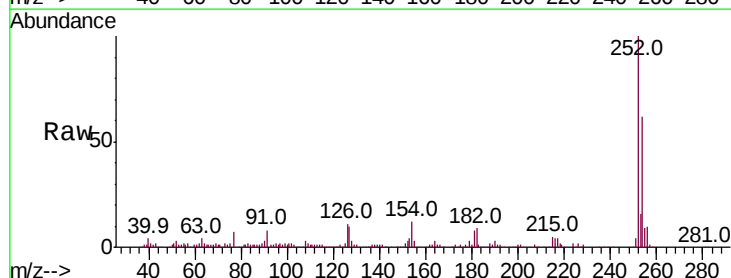
Tgt Ion:252 Resp: 209264

Ion Ratio Lower Upper

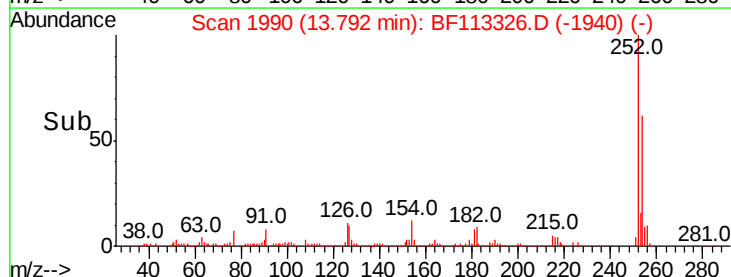
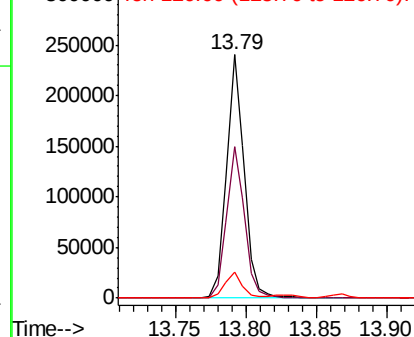
252 100

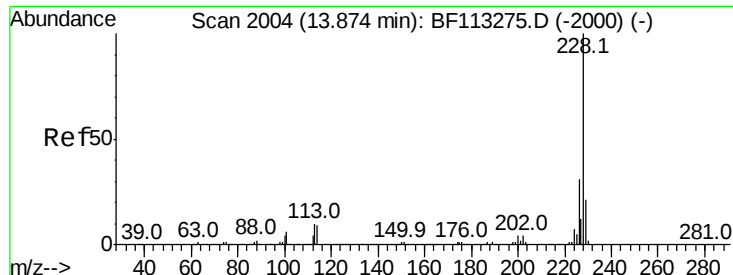
254 62.0 52.2 78.2

126 10.7 8.5 12.7



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





#83

Chrysene

Concen: 45.697 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

Instrument :

BNA_F

ClientSampled :

S-1MSD

Tot Ion:228 Resp: 1087521

Ion Ratio Lower Upper

228 100

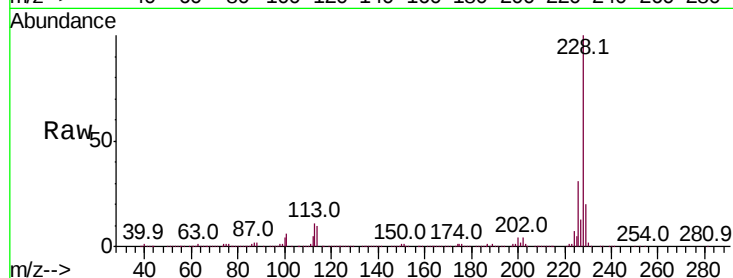
226 30.8 24.3 36.5

229 20.4 16.3 24.5

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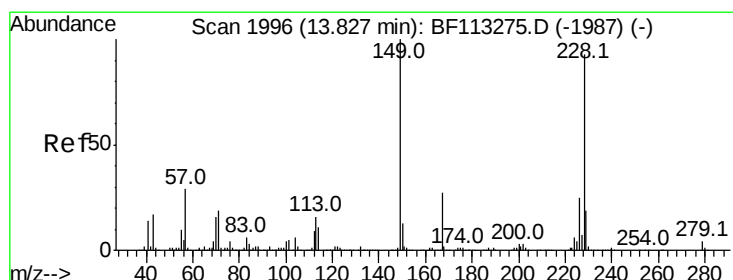
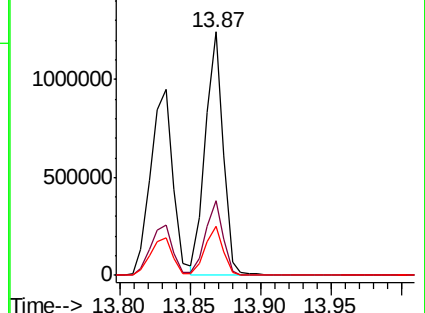
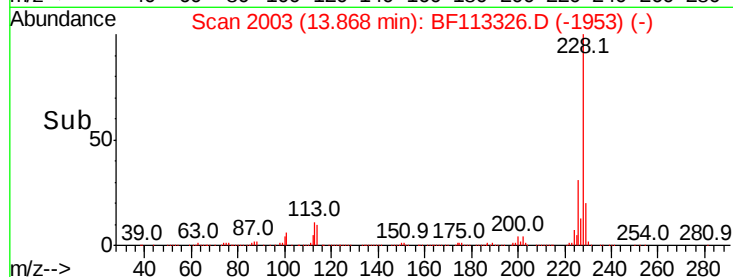
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.095 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF113326.D

Acq: 27 Mar 2019 13:00

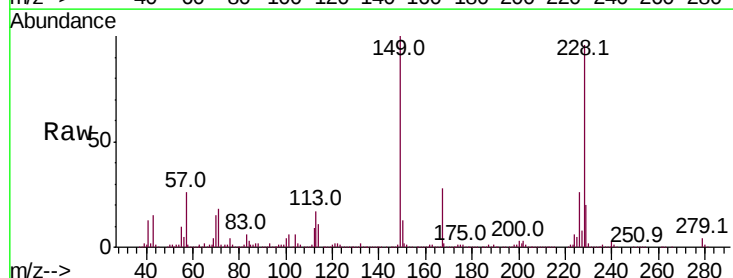
Tgt Ion:149 Resp: 767677

Ion Ratio Lower Upper

149 100

167 28.3 21.8 32.8

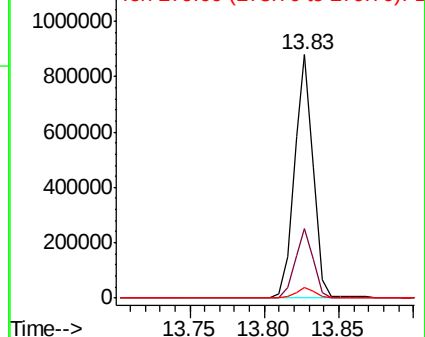
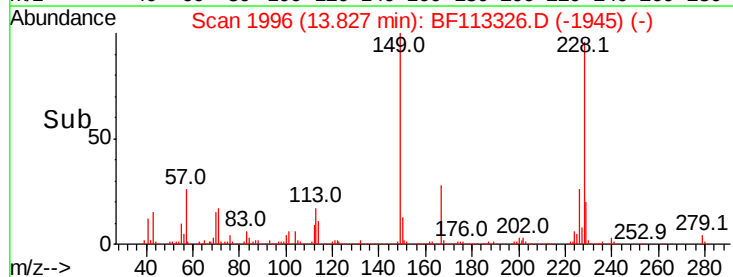
279 4.1 2.9 4.3

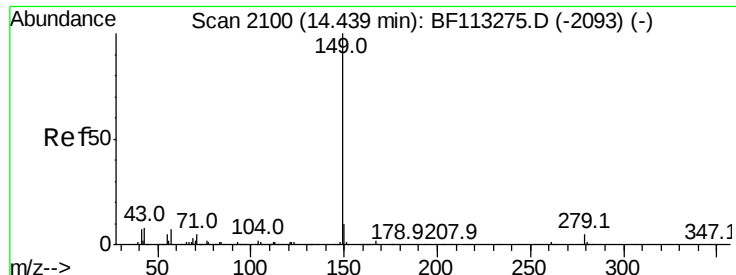


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





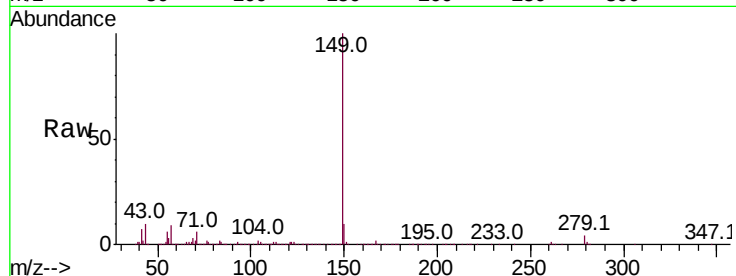
#85
Di-n-octyl phthalate
Concen: 47.750 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

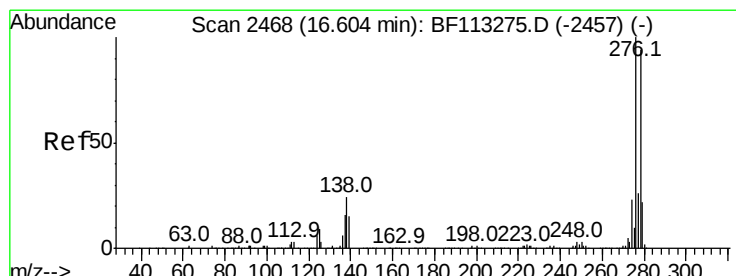
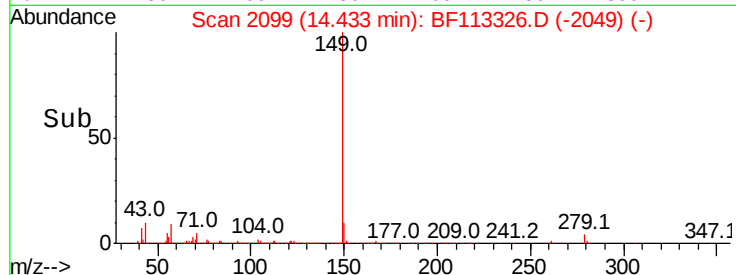
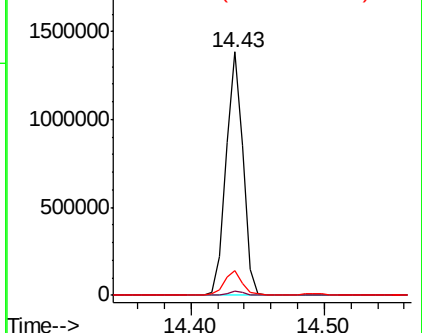
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.8	7.7	11.5

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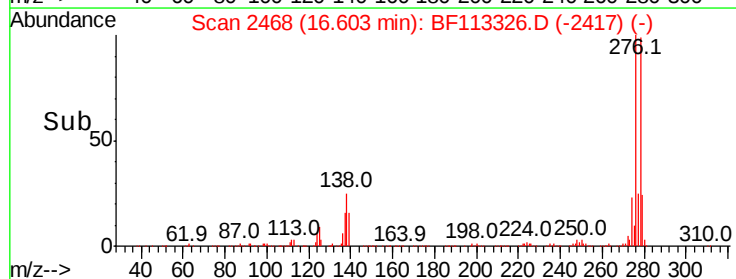
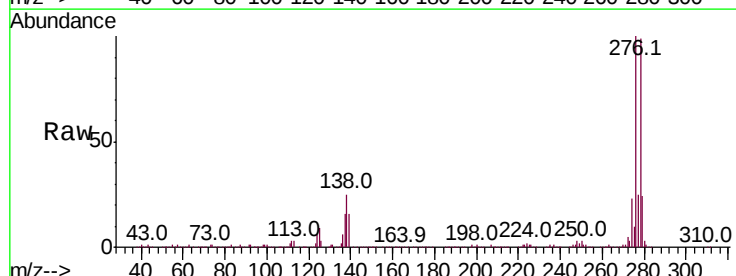
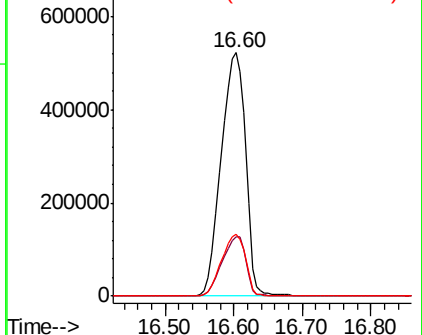
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

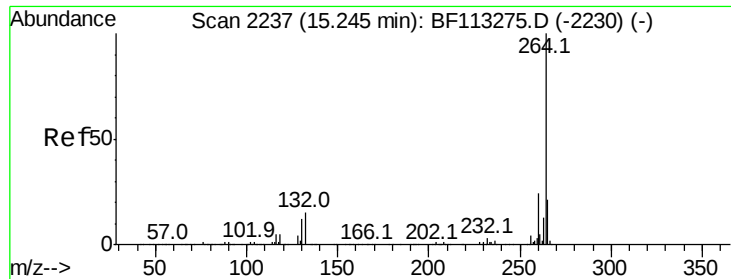


#86
Indeno(1,2,3-cd)pyrene
Concen: 63.215 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	18.1	27.1
277	25.2	20.2	30.4

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





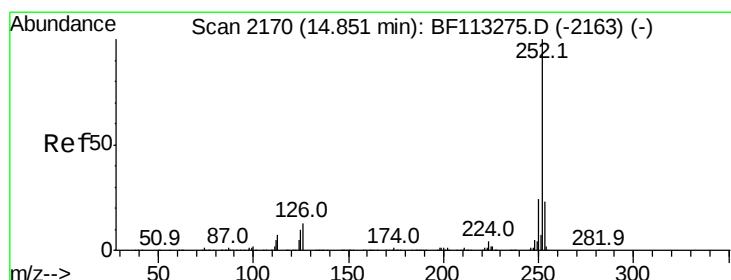
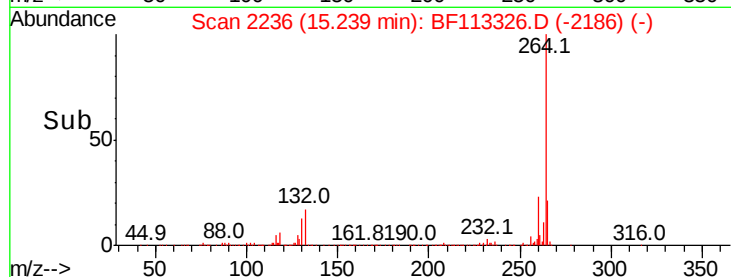
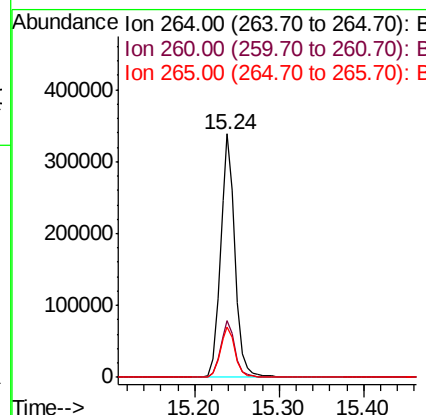
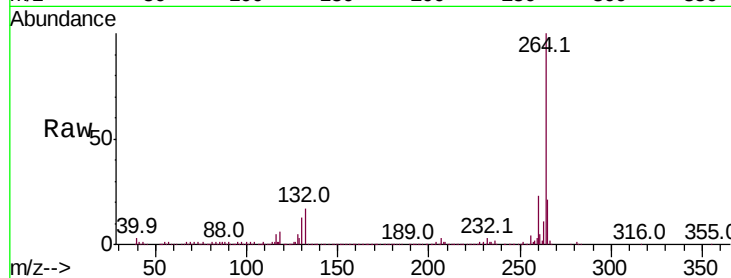
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	20.9	17.1	25.7

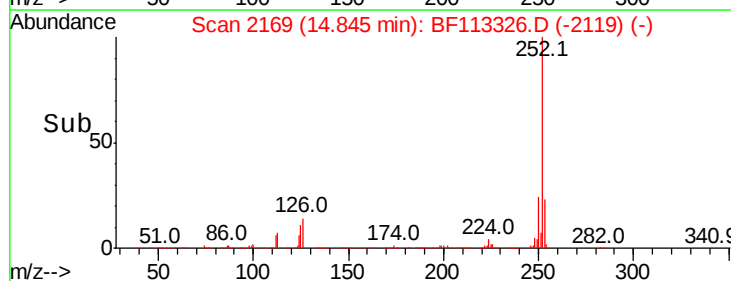
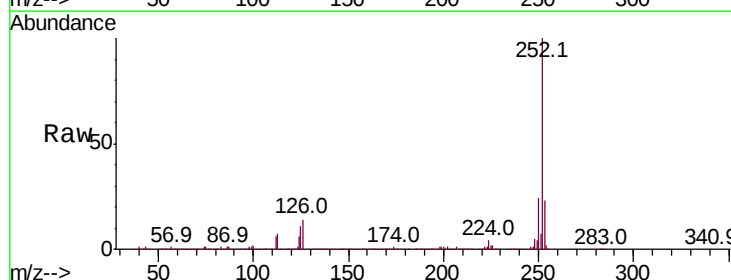
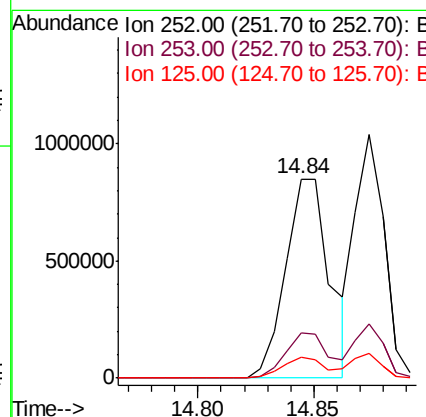
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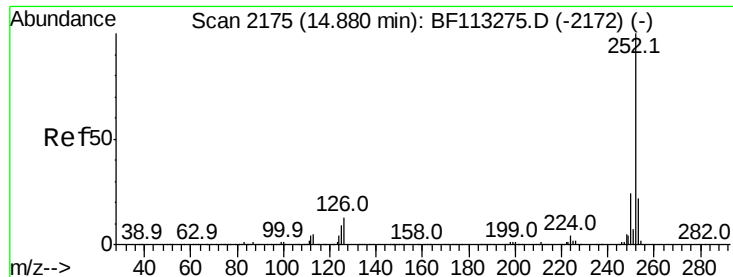
Sohil
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#88
Benzo(b)fluoranthene
Concen: 44.385 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.8	7.6	11.4





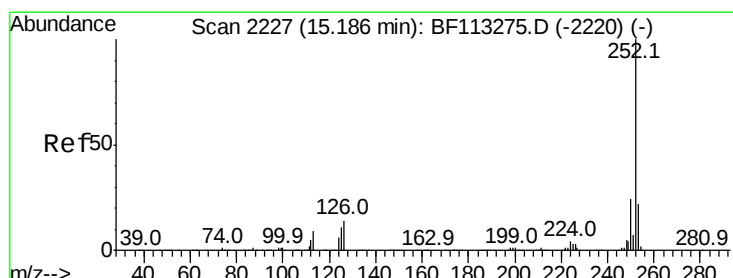
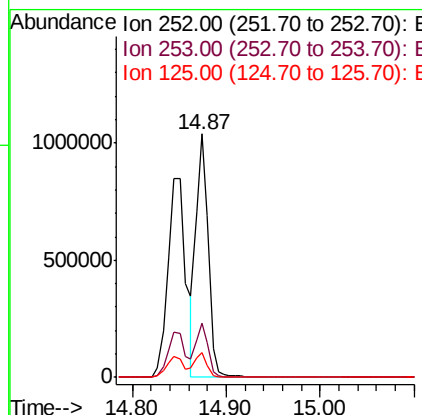
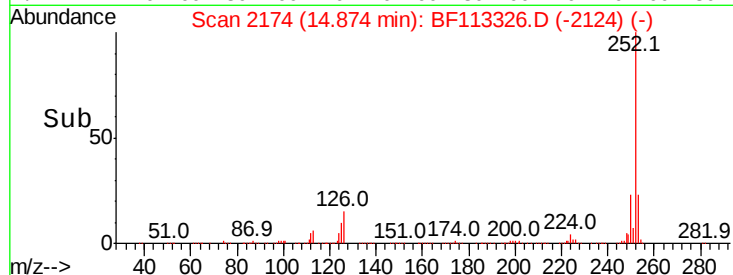
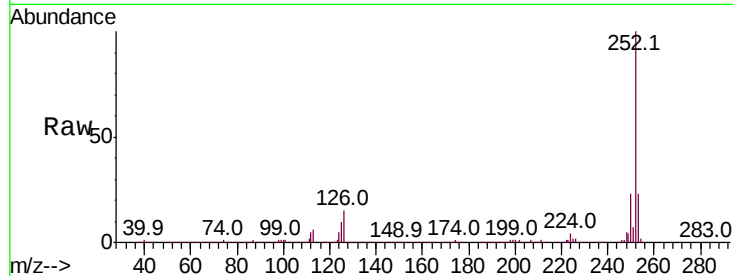
#89
Benzo(k)fluoranthene
Concen: 41.531 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	10.2	7.3	10.9

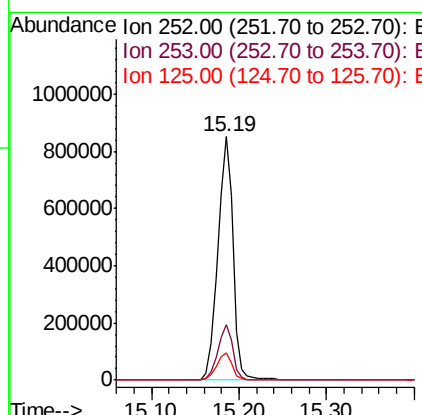
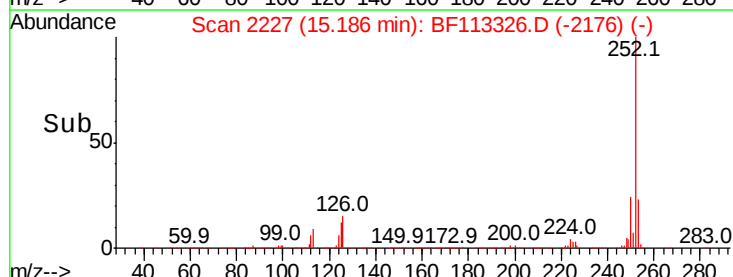
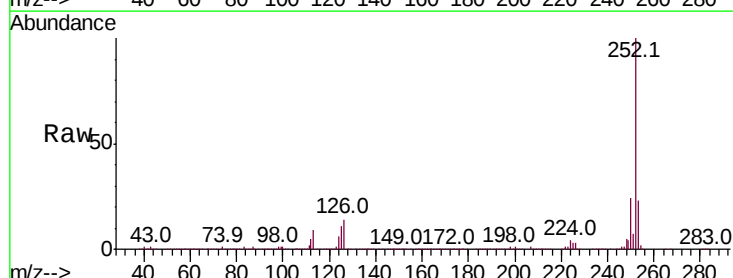
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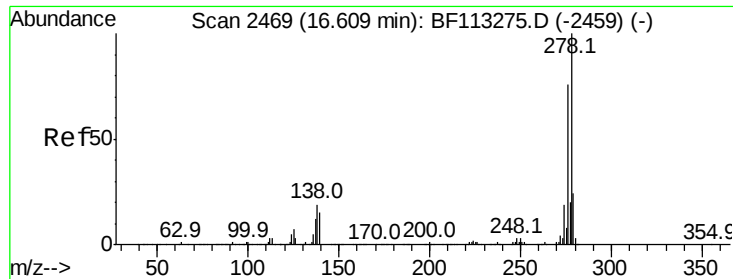
Sohil
3/28/2019 8:41:41 AM



#90
Benzo(a)pyrene
Concen: 45.629 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	11.4	8.8	13.2





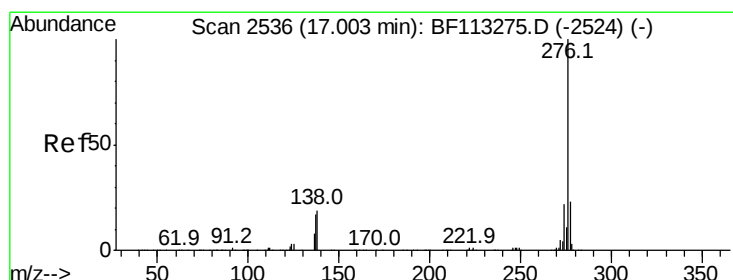
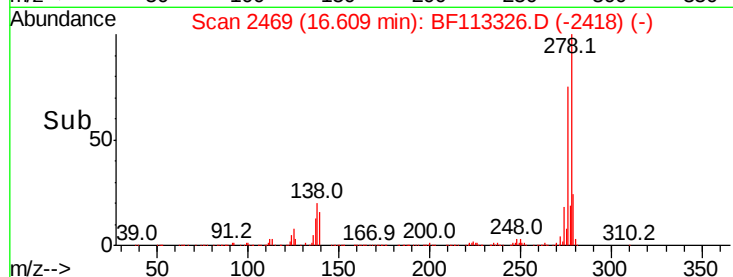
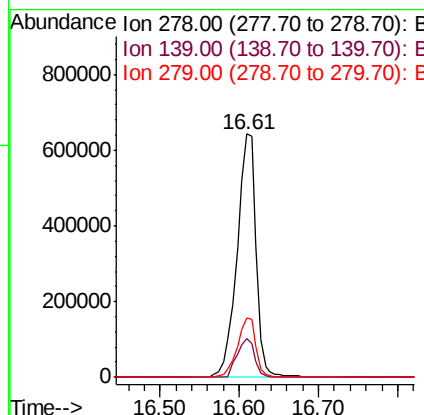
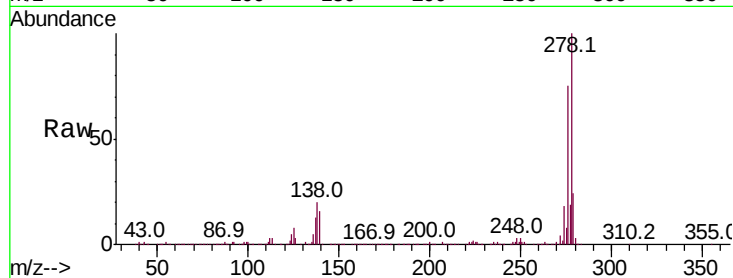
#91
Dibenzo(a,h)anthracene
Concen: 54.889 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.0	18.0
279	24.4	19.0	28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 57.019 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.00 min
Lab File: BF113326.D
Acq: 27 Mar 2019 13:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	21.0	15.6	23.4

