

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
 Data File : BF115279.D
 Acq On : 28 Jun 2019 14:14
 Operator : HP/JU
 Sample : PB120920BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120920BS

Manual Integrations
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mohammad
 7/1/2019 3:05:44 PM

Quant Time: Jun 29 04:49:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	239122	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	931395	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	454678	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	880347	20.00	ng	0.00
76) Chrysene-d12	13.72	240	619329	20.00	ng	0.00
87) Perylene-d12	15.08	264	767536	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1793110	115.72	ng	0.02
7) Phenol-d6	6.25	99	2228126	118.47	ng	0.01
23) Nitrobenzene-d5	7.17	82	1381032	91.21	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	646767	134.89	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2563214	95.76	ng	0.00
79) Terphenyl-d14	12.68	244	2739862	94.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.23	88	243432	33.287	ng	98
3) Pyridine	2.87	79	698330	33.880	ng	99
4) n-Nitrosodimethylamine	2.82	42	302053	37.381	ng	95
6) Aniline	6.26	93	654560	25.323	ng	# 1
8) 2-Chlorophenol	6.39	128	743315	42.661	ng	96
9) Benzaldehyde	6.14	77	145649	11.870	ng	99
10) Phenol	6.26	94	831601	37.747	ng	95
11) bis(2-Chloroethyl)ether	6.34	93	683225	42.071	ng	99
12) 1,3-Dichlorobenzene	6.54	146	794810	41.103	ng	99
13) 1,4-Dichlorobenzene	6.62	146	800305	41.272	ng	99
14) 1,2-Dichlorobenzene	6.77	146	749305	41.727	ng	99
15) Benzyl Alcohol	6.75	79	548109	40.022	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	969989	41.182	ng	99
17) 2-Methylphenol	6.87	107	605162	42.078	ng	98
18) Hexachloroethane	7.11	117	288450	41.262	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	478401	39.731	ng	99
20) 3+4-Methylphenols	7.02	107	713707	42.977	ng	90
22) Acetophenone	7.01	105	978283	45.880	ng	# 96
24) Nitrobenzene	7.18	77	739857	44.355	ng	98
25) Isophorone	7.42	82	1373213	44.273	ng	99
26) 2-Nitrophenol	7.50	139	425068	51.602	ng	97
27) 2,4-Dimethylphenol	7.55	122	664426	49.263	ng	97
28) bis(2-Chloroethoxy)methane	7.64	93	863710	44.058	ng	100
29) 2,4-Dichlorophenol	7.74	162	653420	46.946	ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	703167	45.737	ng	99
31) Naphthalene	7.90	128	2077618	45.442	ng	100
32) Benzoic acid	7.69	122	516341	53.633	ng	97
33) 4-Chloroaniline	7.95	127	336785	16.118	ng	98
34) Hexachlorobutadiene	8.03	225	382010	45.342	ng	99
35) Caprolactam	8.32	113	212475m	45.405	ng	
36) 4-Chloro-3-methylphenol	8.44	107	651087	46.190	ng	99
37) 2-Methylnaphthalene	8.60	142	1422944	46.159	ng	99
38) 1-Methylnaphthalene	8.69	142	1355838	46.052	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	600675	46.751	ng	99

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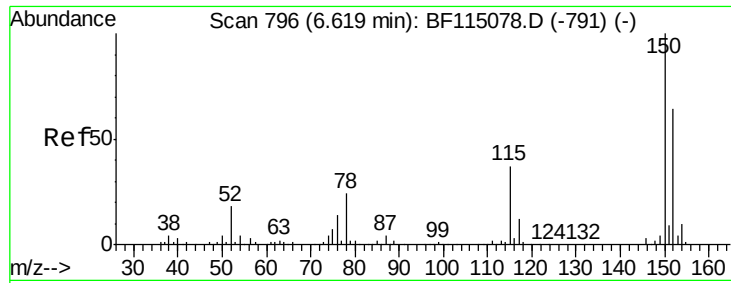
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	727083	95.435	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	471720	47.555	ng	100
44) 2,4,5-Trichlorophenol	8.91	196	497857	48.737	ng	99
46) 1,1'-Biphenyl	9.06	154	1642845	45.157	ng	98
47) 2-Chloronaphthalene	9.08	162	1331551	45.121	ng	97
48) 2-Nitroaniline	9.17	65	385690	44.829	ng	95
49) Acenaphthylene	9.49	152	2064495	44.902	ng	99
50) Dimethylphthalate	9.37	163	1528997	45.708	ng	100
51) 2,6-Dinitrotoluene	9.42	165	360051	46.621	ng	97
52) Acenaphthene	9.66	154	1232317	42.832	ng	99
53) 3-Nitroaniline	9.58	138	240209	25.488	ng	98
54) 2,4-Dinitrophenol	9.69	184	423852	104.210	ng	95
55) Dibenzofuran	9.84	168	1807880	43.781	ng	99
56) 4-Nitrophenol	9.75	139	654784	86.661	ng	94
57) 2,4-Dinitrotoluene	9.82	165	488762	49.014	ng	92
58) Fluorene	10.17	166	1265705	46.215	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	428953	50.079	ng	98
60) Diethylphthalate	10.07	149	1517818	45.139	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	617345	47.652	ng	99
62) 4-Nitroaniline	10.20	138	404305	42.763	ng	100
63) Azobenzene	10.33	77	1383874	44.062	ng	99
65) 4,6-Dinitro-2-methylphenol	10.22	198	248699	52.567	ng	90
66) n-Nitrosodiphenylamine	10.29	169	1272416	46.393	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	447713	46.907	ng	98
68) Hexachlorobenzene	10.72	284	487764	47.080	ng	96
69) Atrazine	10.82	200	422594	47.898	ng	99
70) Pentachlorophenol	10.91	266	593533	89.926	ng	98
71) Phenanthrene	11.12	178	2080438	43.892	ng	100
72) Anthracene	11.18	178	2116304	44.231	ng	98
73) Carbazole	11.33	167	1927748	45.120	ng	99
74) Di-n-butylphthalate	11.68	149	2291378	46.411	ng	98
75) Fluoranthene	12.30	202	2158529	45.642	ng	100
77) Benzidine	12.42	184	723349	26.303	ng	99
78) Pyrene	12.53	202	2189273	45.997	ng	99
80) Butylbenzylphthalate	13.16	149	1048650	49.925	ng	98
81) Benzo(a)anthracene	13.71	228	2005637	45.132	ng	99
82) 3,3'-Dichlorobenzidine	13.68	252	515029	32.094	ng	98
83) Chrysene	13.75	228	1962207	48.203	ng	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1388938	50.465	ng	# 99
85) Di-n-octyl phthalate	14.34	149	2378107	51.427	ng	99
86) Indeno(1,2,3-cd)pyrene	16.35	276	2513245	52.176	ng	99
88) Benzo(b)fluoranthene	14.71	252	2231767	46.600	ng	99
89) Benzo(k)fluoranthene	14.74	252	1906407	44.388	ng	97
90) Benzo(a)pyrene	15.03	252	2086942	48.347	ng	99
91) Dibenzo(a,h)anthracene	16.37	278	2050381	50.880	ng	100
92) Benzo(g,h,i)perylene	16.74	276	2147020	52.641	ng	98

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



#1

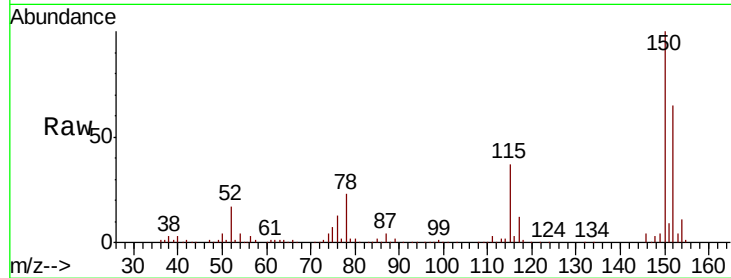
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.2	186.2
115	57.6	46.1	69.1

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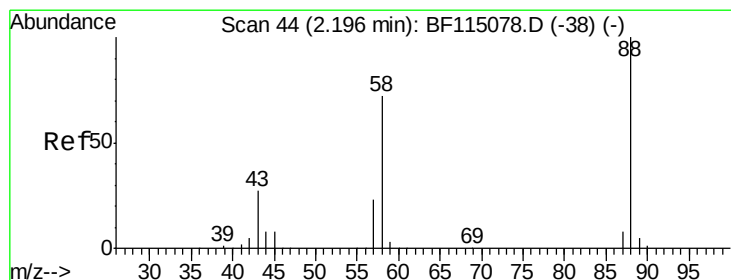
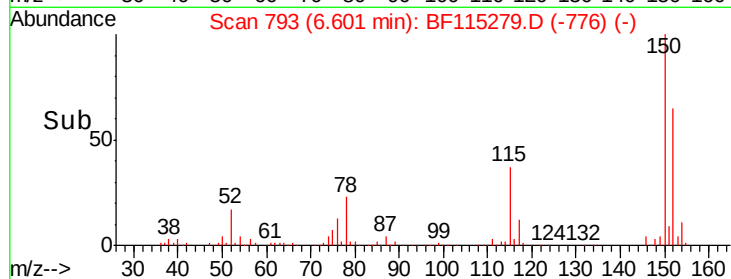
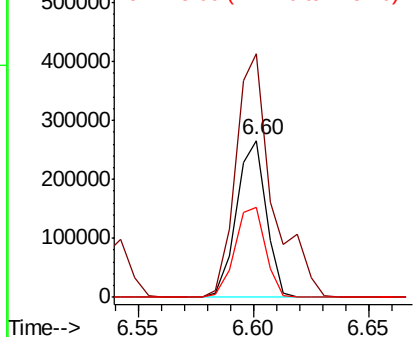


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

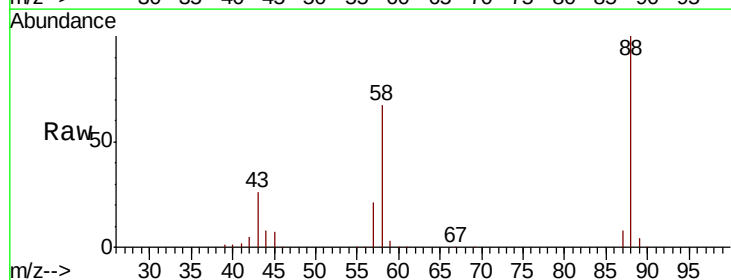
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.287 ng
RT: 2.23 min Scan# 49
Delta R.T. 0.07 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	56.1	84.1
43	26.0	21.3	31.9

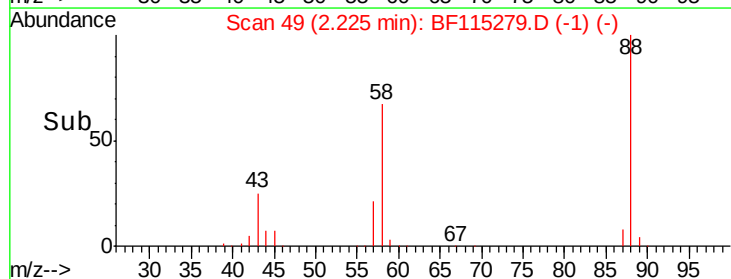
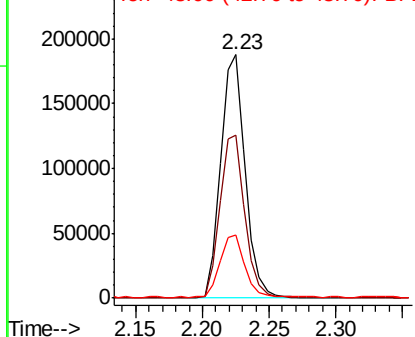


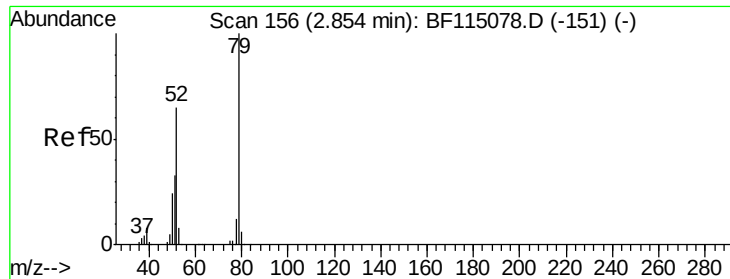
Abundance

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: 33.880 ng

RT: 2.87 min Scan# 159

Delta R.T. 0.07 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

Instrument :

BNA_F

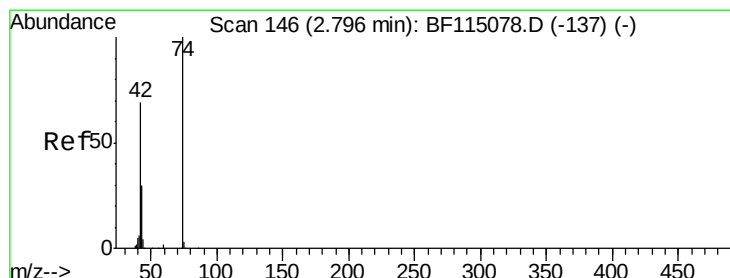
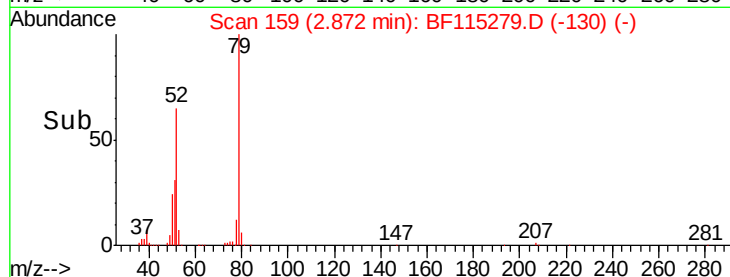
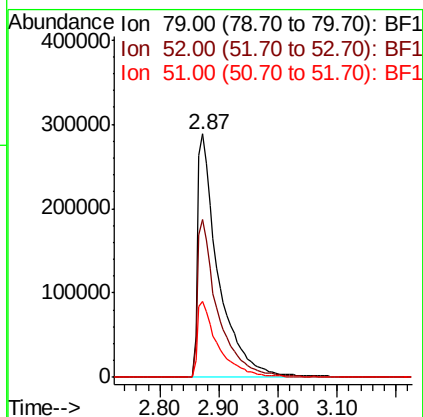
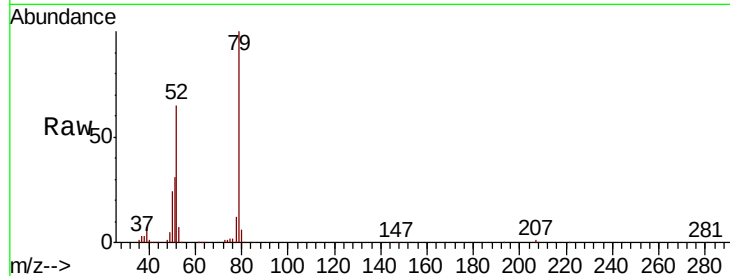
ClientSampleId :

PB120920BS

Tot Ion:	79	Resp:	698330
Ion	Ratio	Lower	Upper
79	100		
52	64.8	52.3	78.5
51	31.1	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 37.381 ng

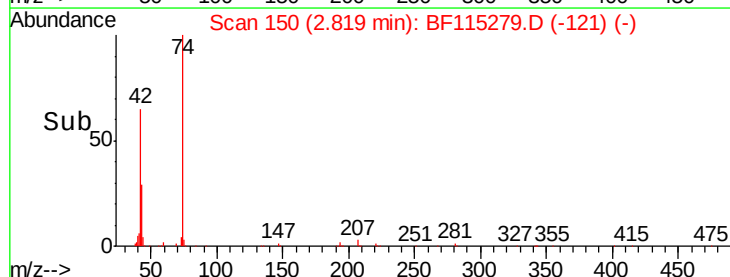
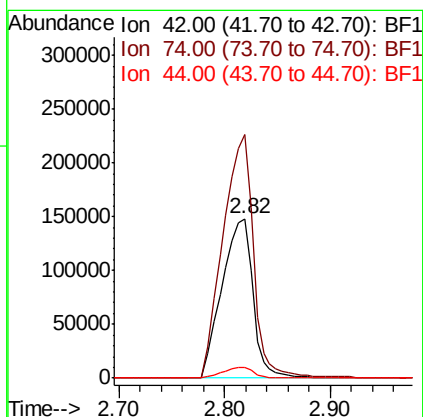
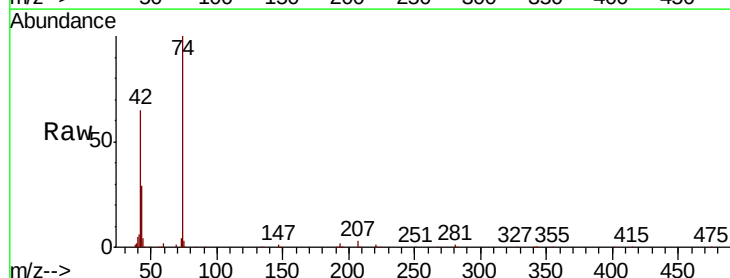
RT: 2.82 min Scan# 150

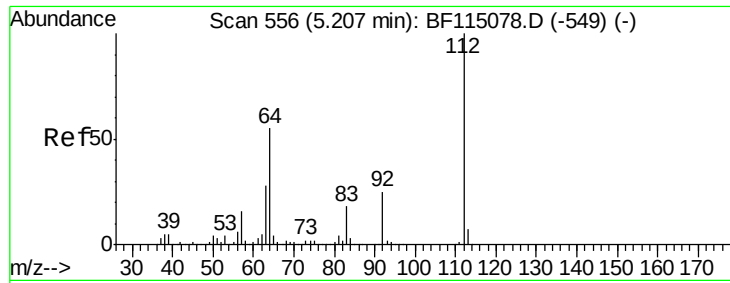
Delta R.T. 0.07 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

Tgt Ion:	42	Resp:	302053
Ion	Ratio	Lower	Upper
42	100		
74	152.9	116.6	175.0
44	6.8	5.3	7.9





#5

2-Fluorophenol

Concen: 115.718 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.02 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

Instrument :

BNA_F

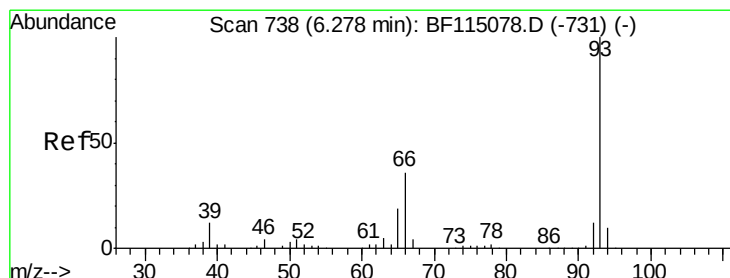
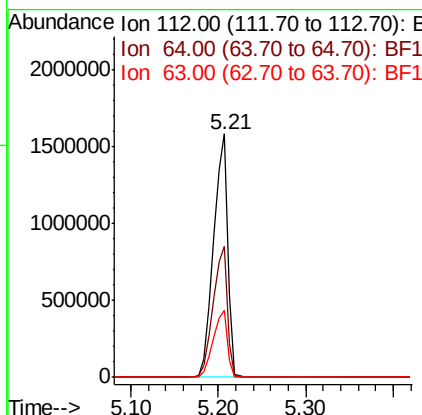
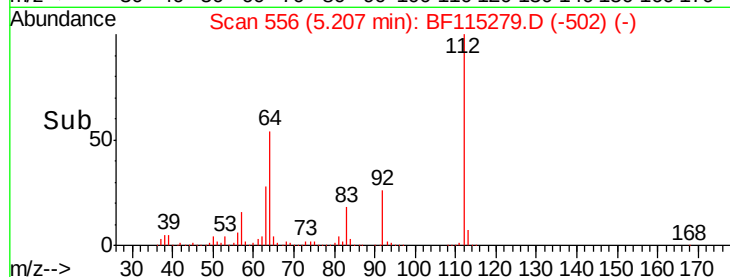
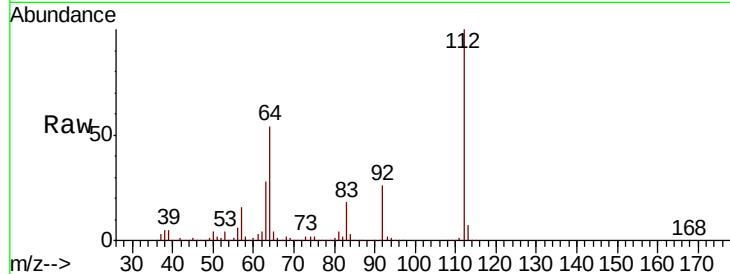
ClientSampleId :

PB120920BS

Tot Ion:	112	Resp:	1793110
Ion	Ratio	Lower	Upper
112	100		
64	53.9	43.8	65.6
63	27.7	22.2	33.4

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#6

Aniline

Concen: 25.323 ng

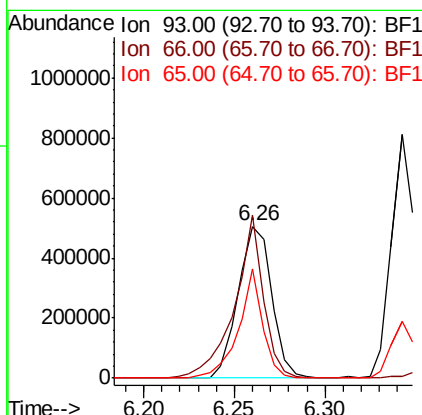
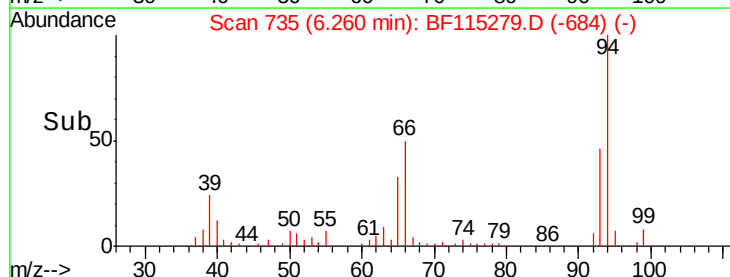
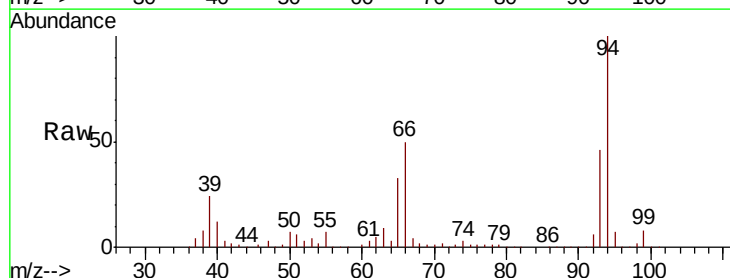
RT: 6.26 min Scan# 735

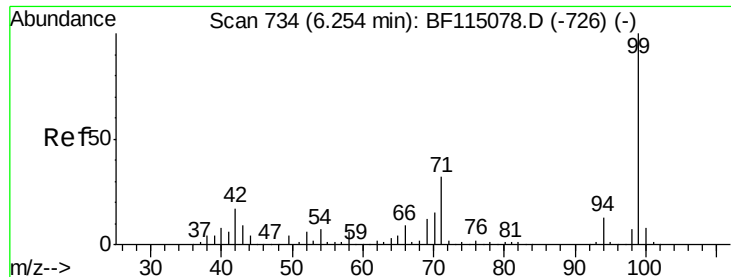
Delta R.T. 0.00 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

Tgt Ion:	93	Resp:	654560
Ion	Ratio	Lower	Upper
93	100		
66	107.5	30.0	45.0#
65	71.9	15.6	23.4#





#7

Phenol-d6

Concen: 118.468 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

Instrument :

BNA_F

ClientSampleId :

PB120920BS

Tot Ion: 99 Resp: 2228126

Ion Ratio Lower Upper

99 100

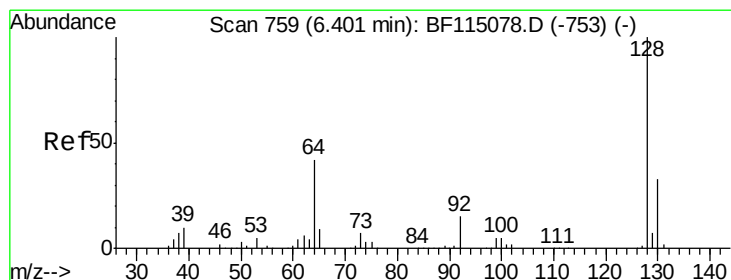
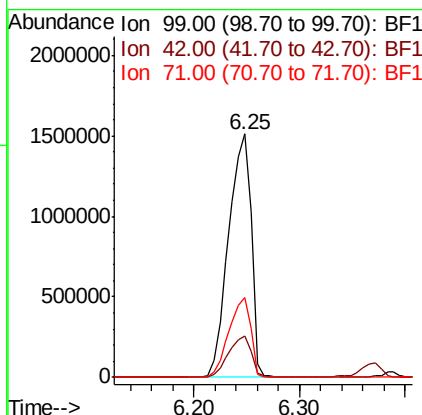
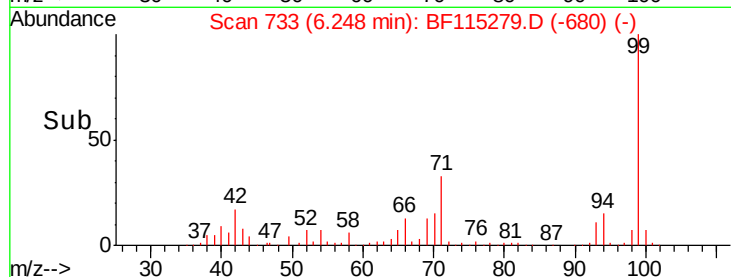
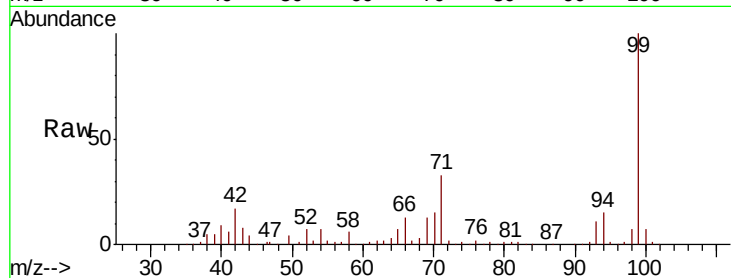
42 16.9 13.6 20.4

71 33.0 25.5 38.3

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#8

2-Chlorophenol

Concen: 42.661 ng

RT: 6.39 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

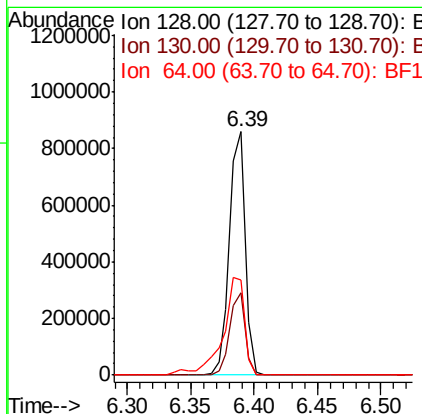
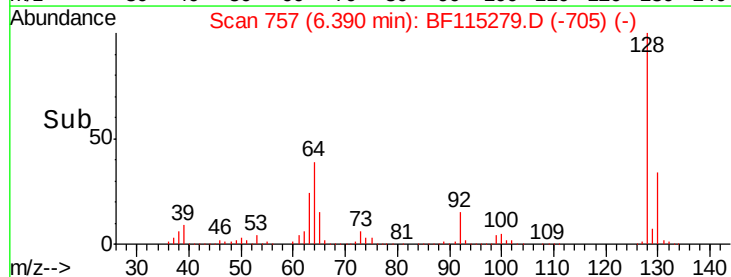
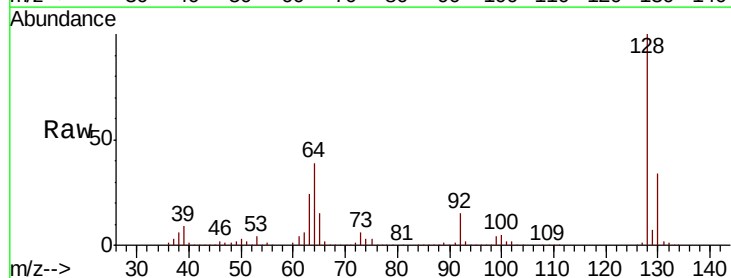
Tgt Ion: 128 Resp: 743315

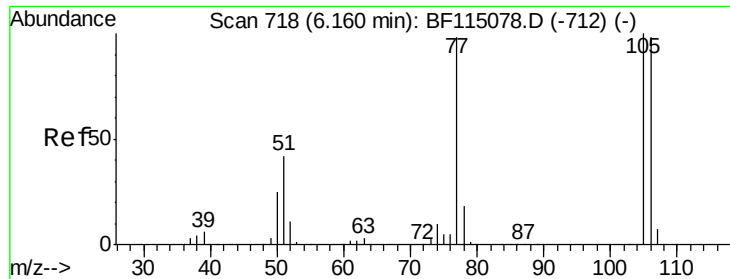
Ion Ratio Lower Upper

128 100

130 33.8 12.9 52.9

64 38.9 22.9 62.9





#9

Benzaldehyde

Concen: 11.870 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

Instrument :

BNA_F

ClientSampleId :

PB120920BS

Tot Ion: 77 Resp: 145649

Ion Ratio Lower Upper

77 100

105 101.8 81.5 121.5

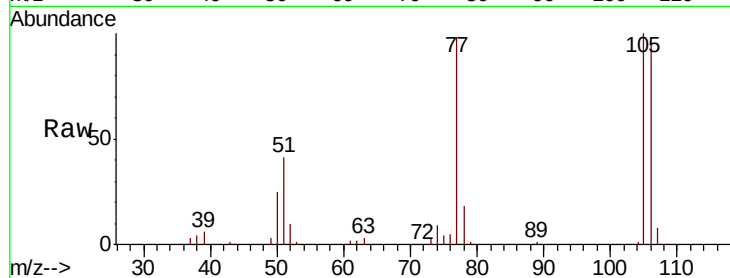
106 97.4 79.7 119.7

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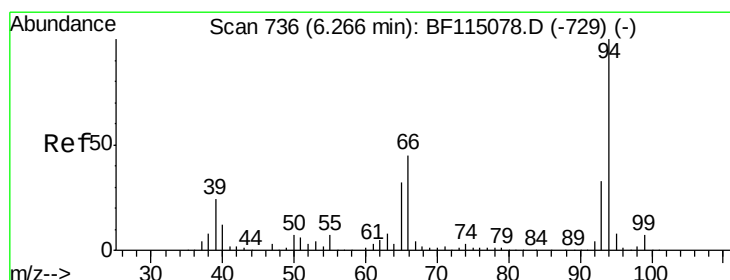
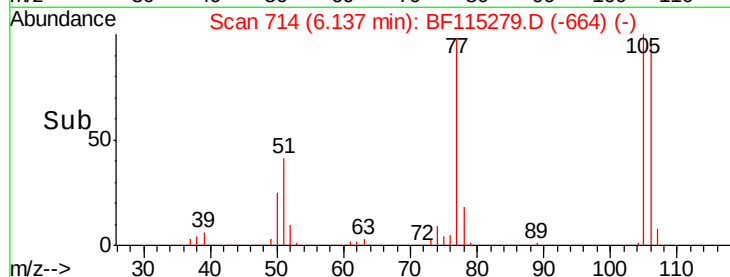
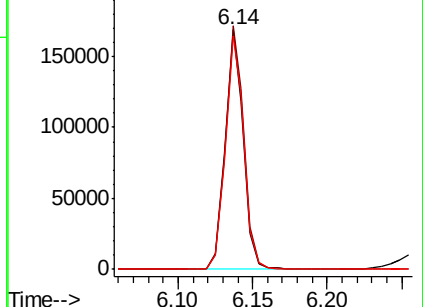
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 37.747 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

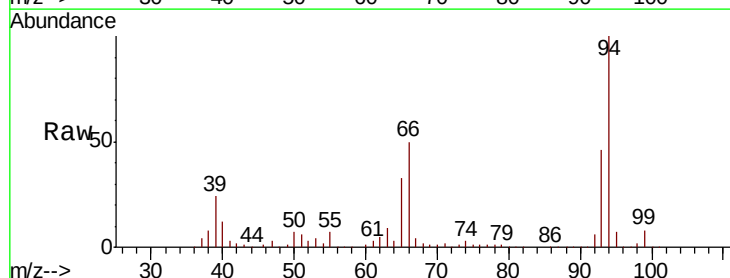
Tgt Ion: 94 Resp: 831601

Ion Ratio Lower Upper

94 100

65 33.4 11.9 51.9

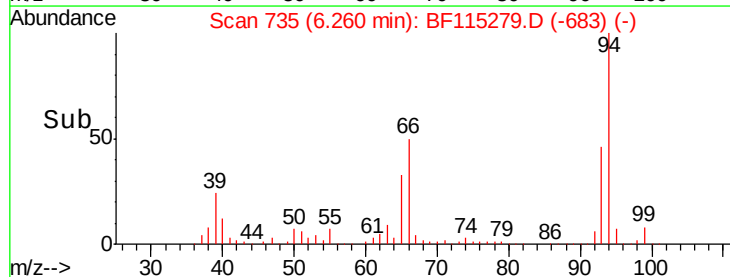
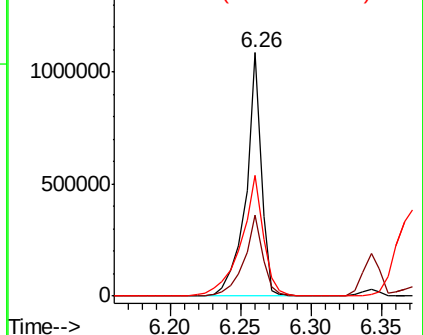
66 49.9 25.2 65.2

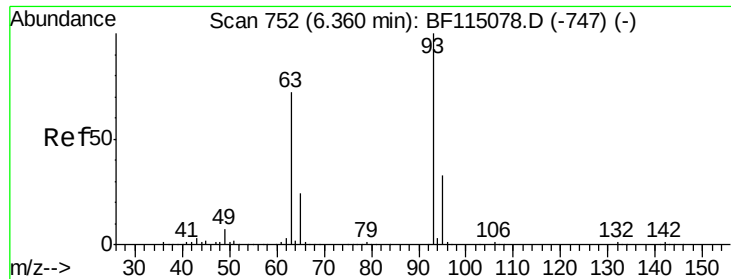


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





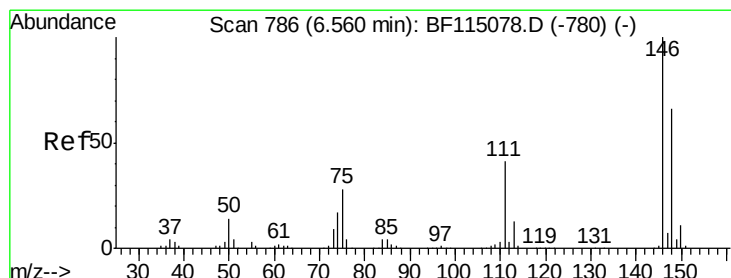
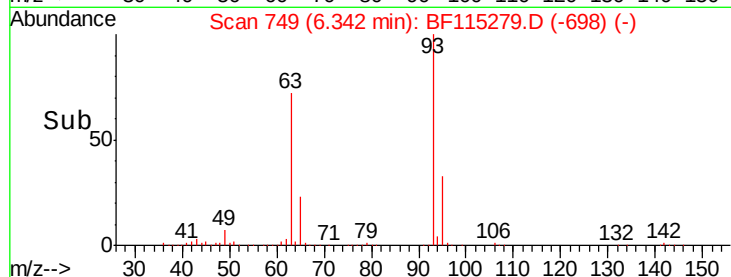
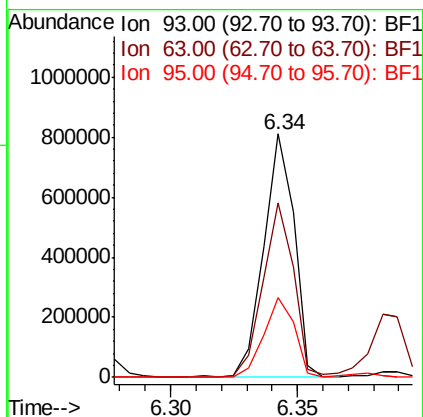
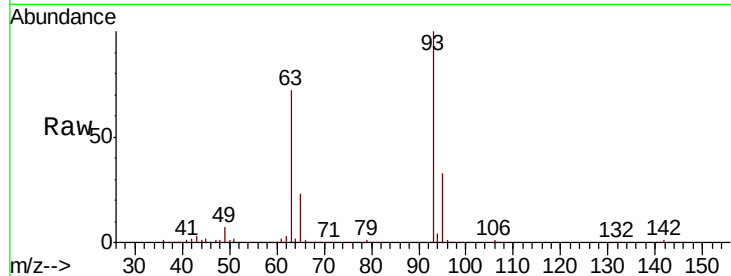
#11
bis(2-Chloroethyl)ether
Concen: 42.071 ng
RT: 6.34 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.9	51.5	91.5
95	32.9	13.4	53.4

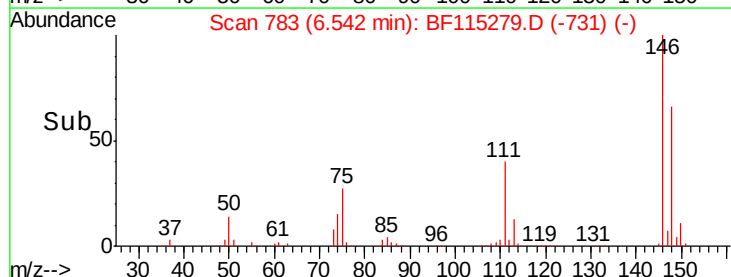
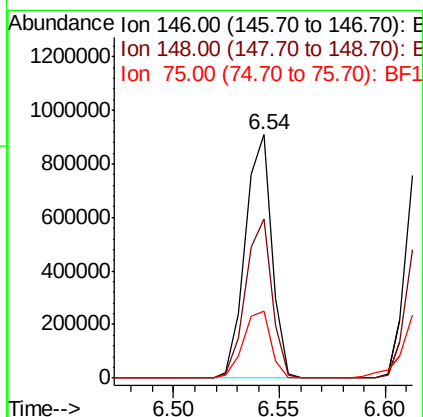
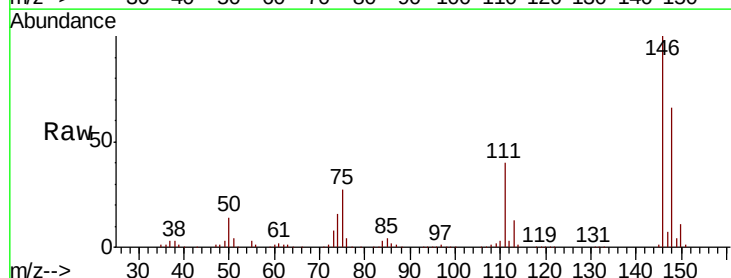
Manual Integrations
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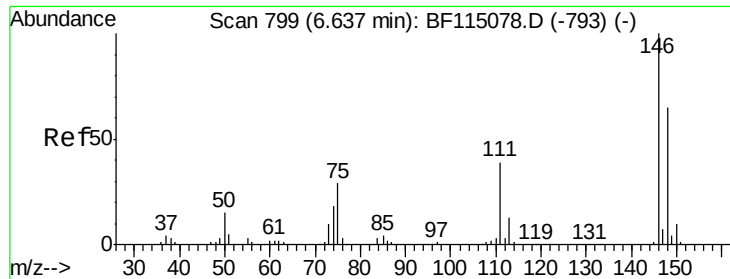
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.103 ng
RT: 6.54 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.6	78.8
75	27.3	22.6	34.0





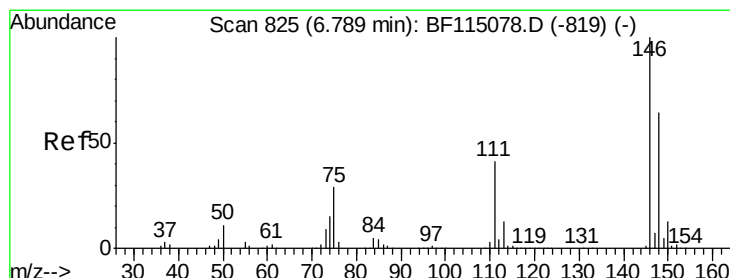
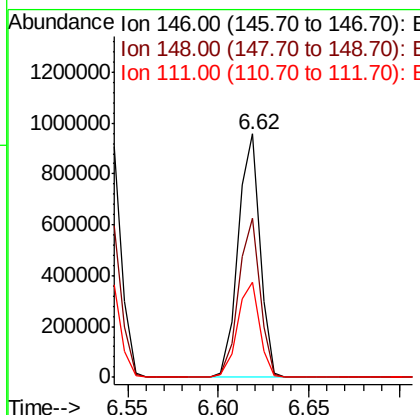
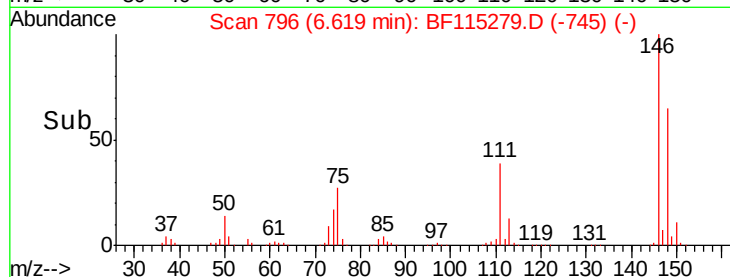
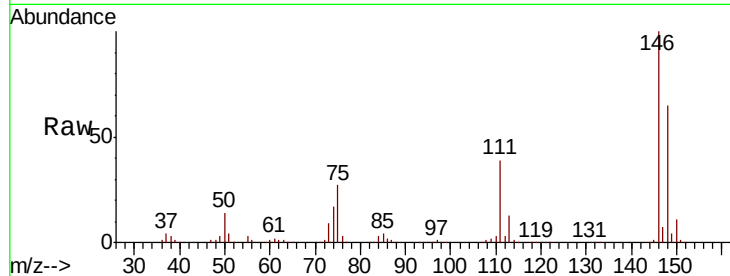
#13
 1,4-Dichlorobenzene
 Concen: 41.272 ng
 RT: 6.62 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF115279.D
 Acq: 28 Jun 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120920BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.9	77.9
111	39.0	31.4	47.0

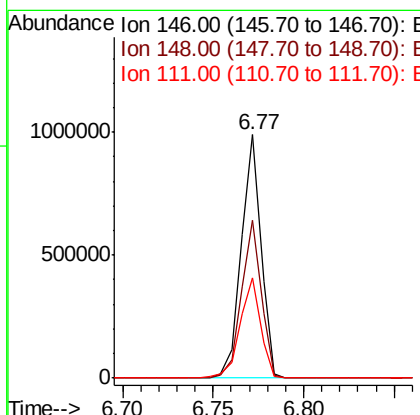
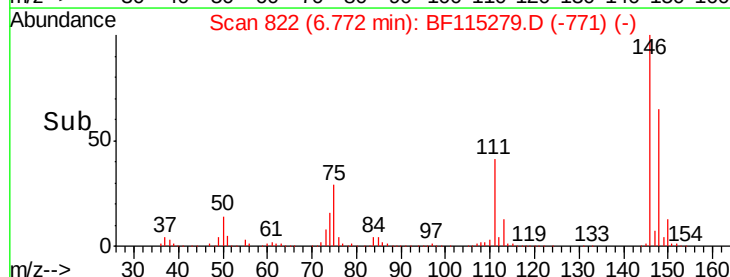
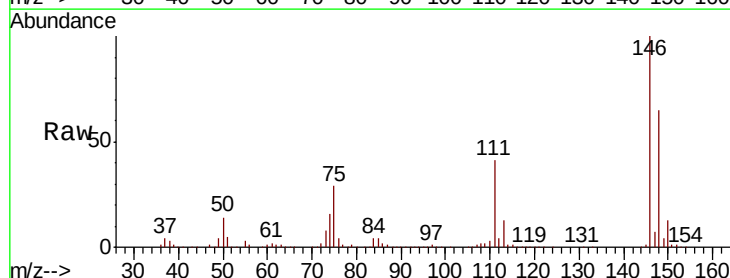
Manual Integrations
 APPROVED

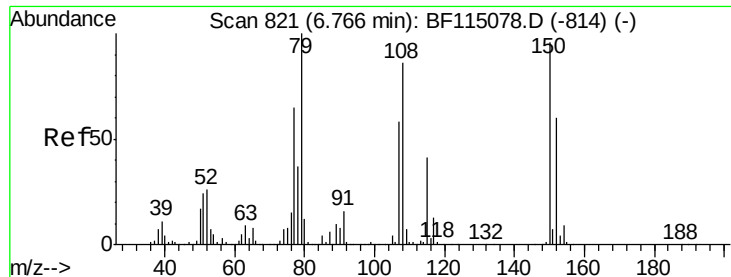
mohammad
 7/1/2019 3:05:44 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.727 ng
 RT: 6.77 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF115279.D
 Acq: 28 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
111	41.2	33.2	49.8





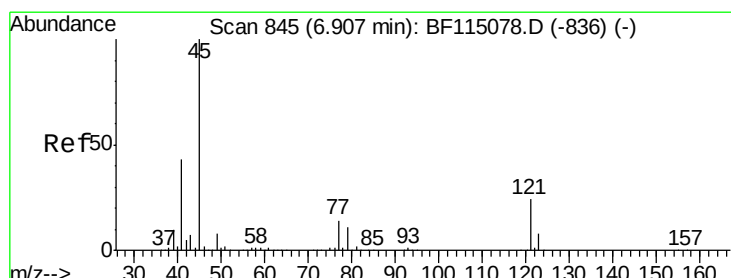
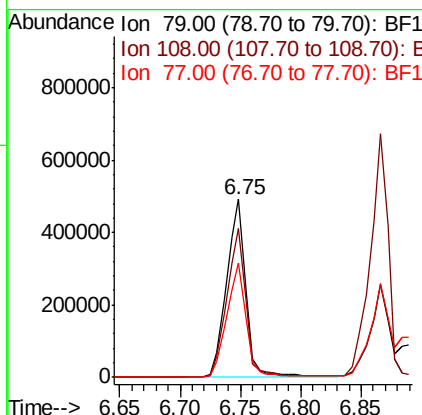
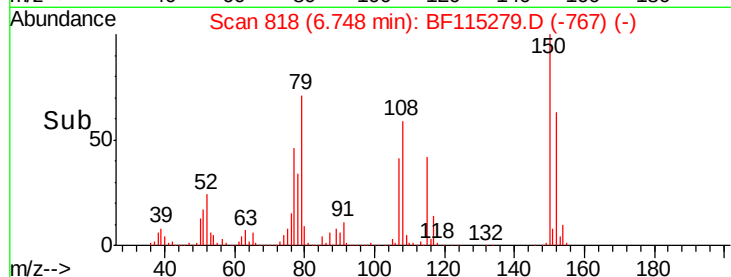
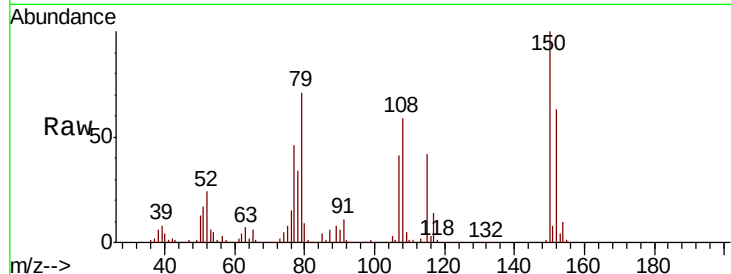
#15
Benzyl Alcohol
Concen: 40.022 ng
RT: 6.75 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampled :
PB120920BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.3	68.7	103.1
77	64.0	51.7	77.5

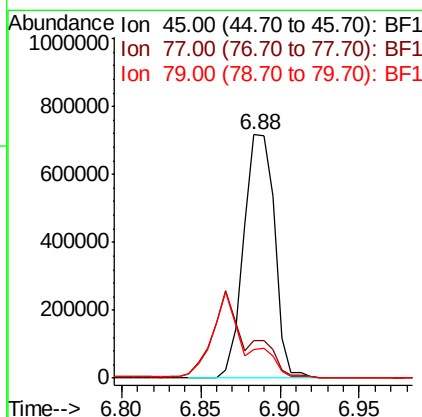
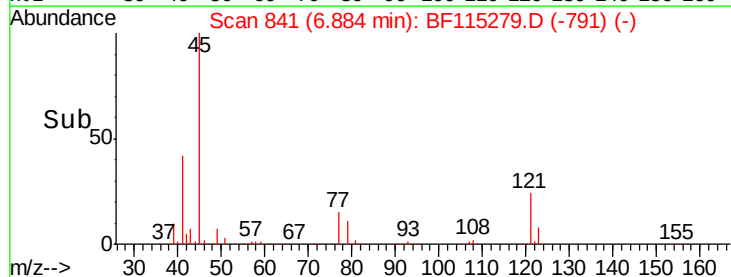
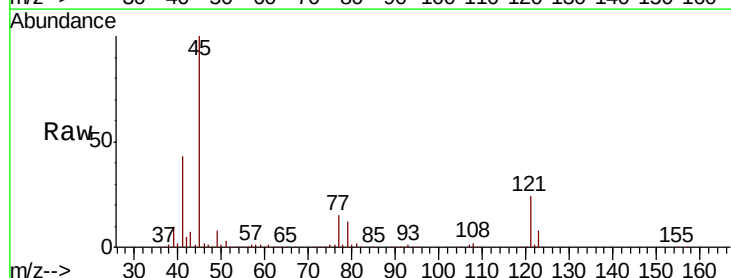
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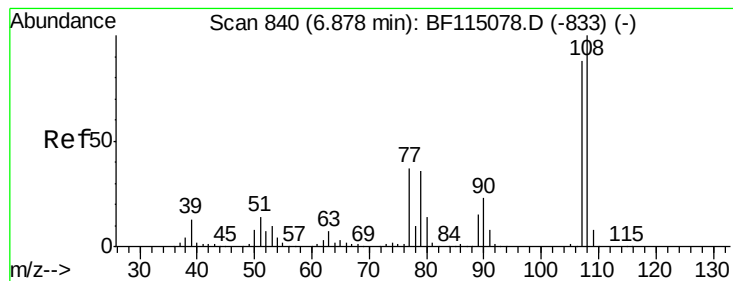
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.182 ng
RT: 6.88 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	34.6
79	11.8	0.0	31.2





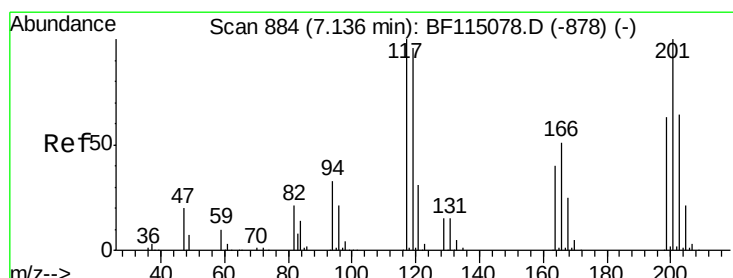
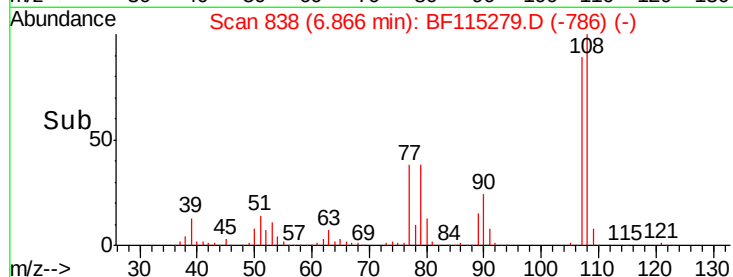
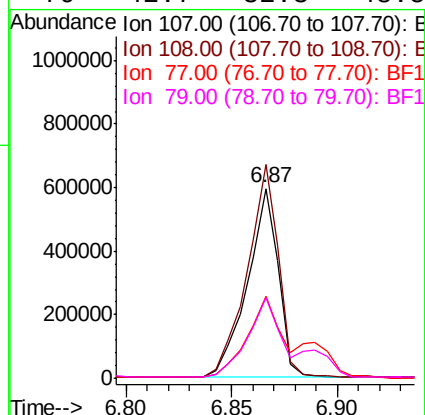
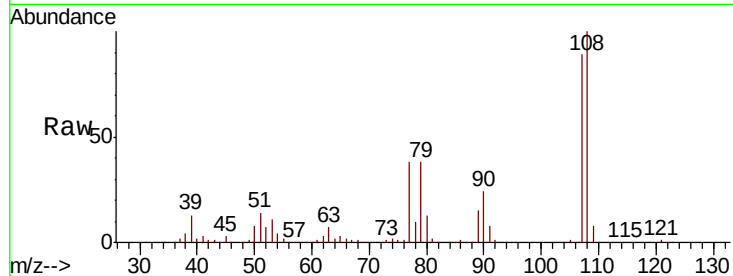
#17
2-Methylphenol
Concen: 42.078 ng
RT: 6.87 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleID :
PB120920BS

Tot Ion	107	Resp	605162
Ion Ratio	Lower	Upper	
107	100		
108	112.5	90.9	136.3
77	43.3	33.4	50.2
79	42.7	32.3	48.5

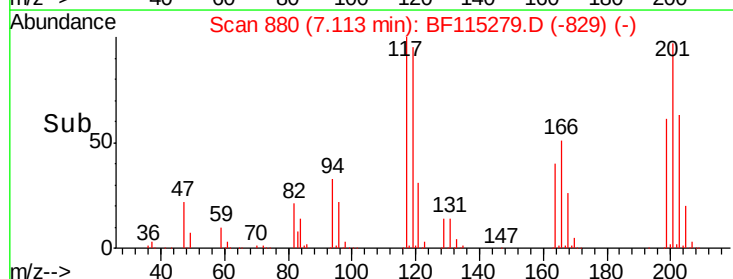
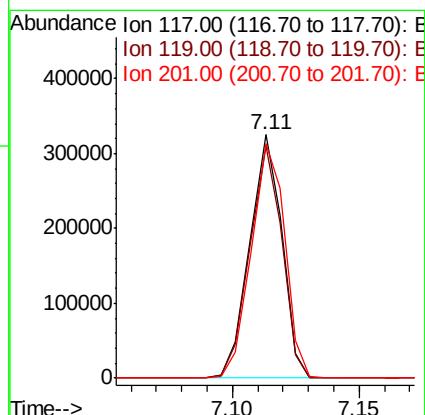
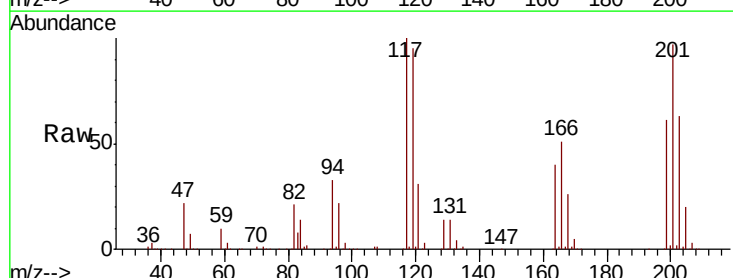
Manual Integrations
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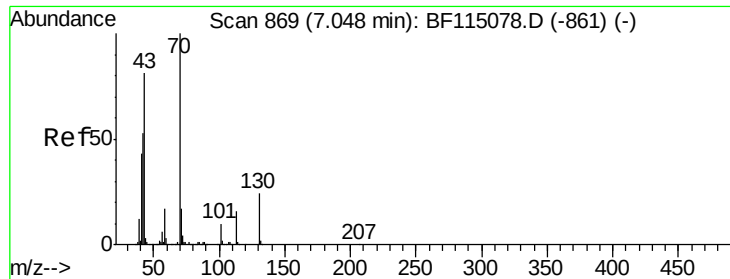
mohammad
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#18
Hexachloroethane
Concen: 41.262 ng
RT: 7.11 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion	117	Resp	288450
Ion Ratio	Lower	Upper	
117	100		
119	95.5	76.6	114.8
201	96.6	80.2	120.2





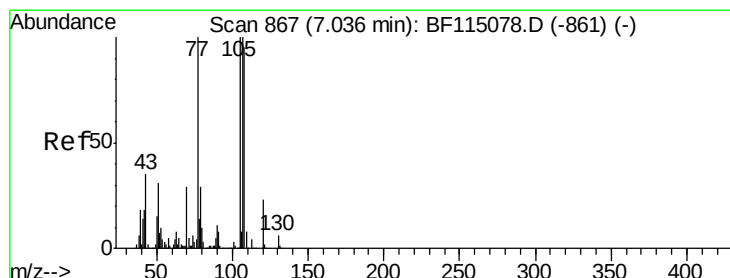
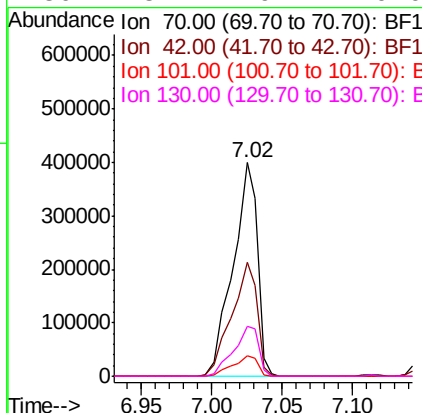
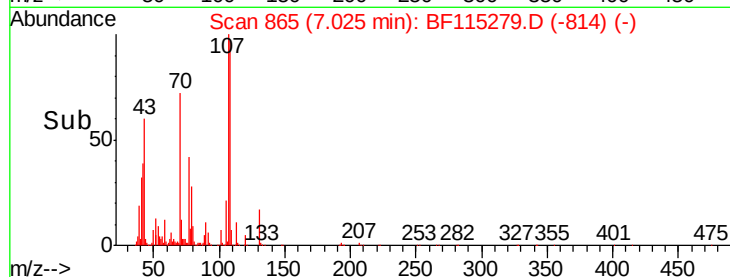
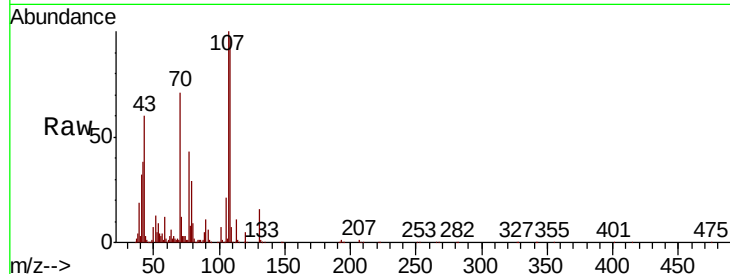
#19
n-Nitroso-di-n-propylamine
Concen: 39.731 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.6	42.6	63.8	
101	9.6	8.0	12.0	
130	23.1	19.4	29.0	

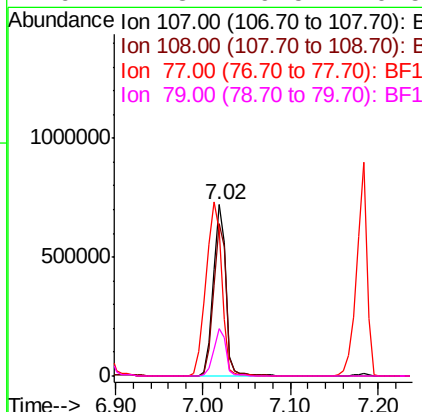
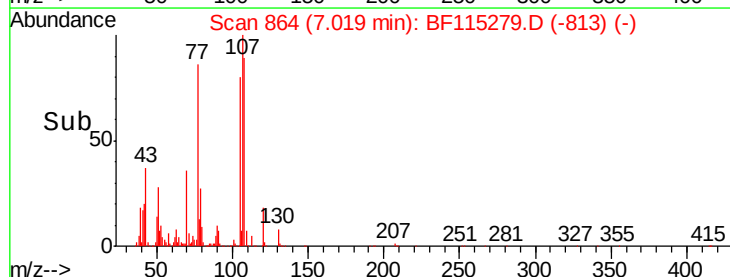
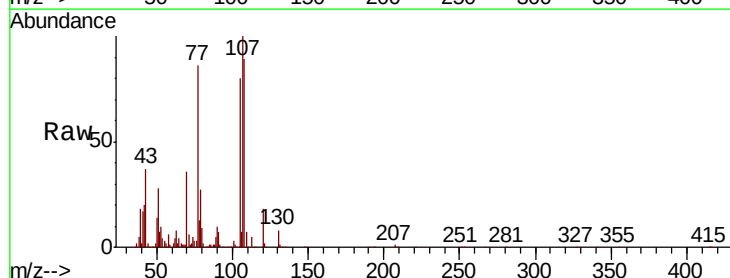
Manual Integrations
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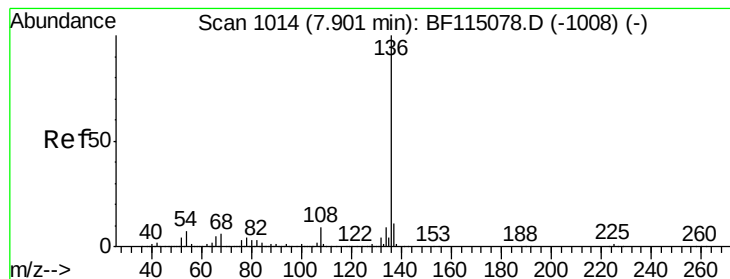
mohammad
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#20
3+4-Methylphenols
Concen: 42.977 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.3	75.5	115.5	
77	85.7	80.2	120.2	
79	27.3	9.5	49.5	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

Instrument :

BNA_F

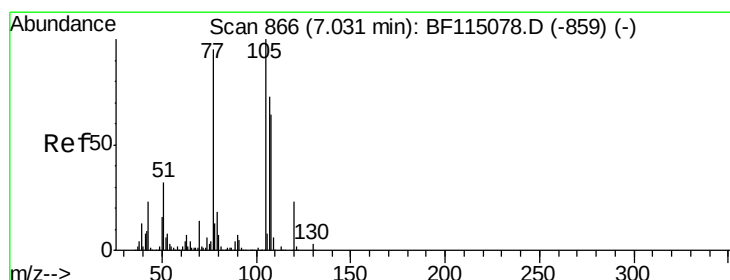
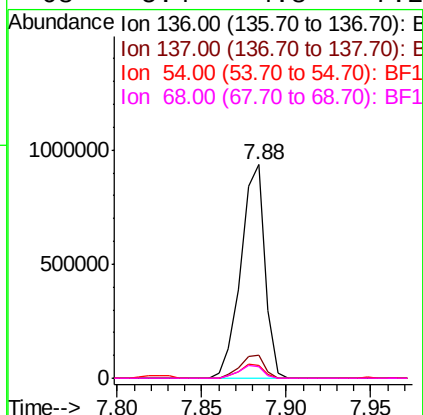
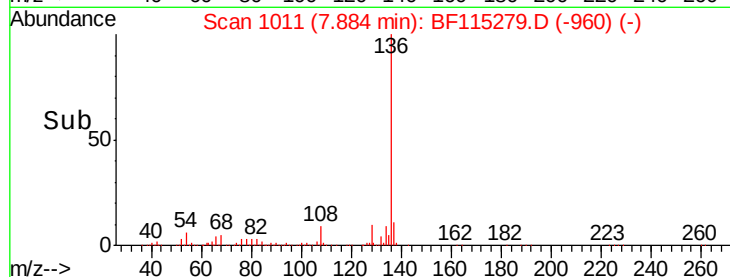
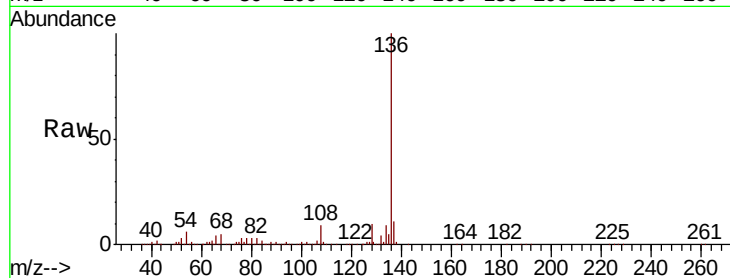
ClientSampleId :

PB120920BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		931395		
137	10.8		8.9	13.3	
54	6.3		5.6	8.4	
68	5.4		4.8	7.2	

Manual Integrations
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#22

Acetophenone

Concen: 45.880 ng

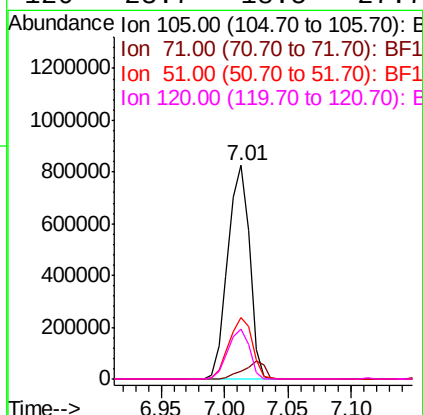
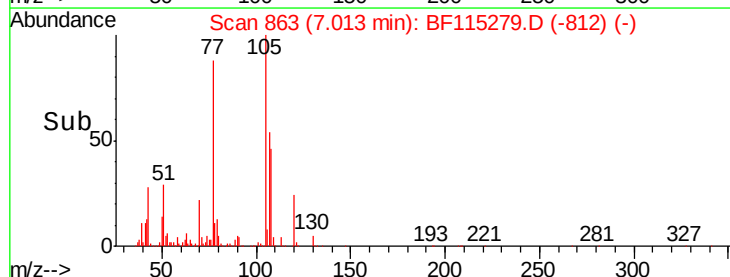
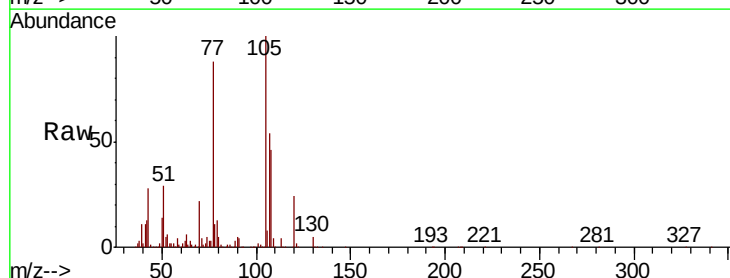
RT: 7.01 min Scan# 863

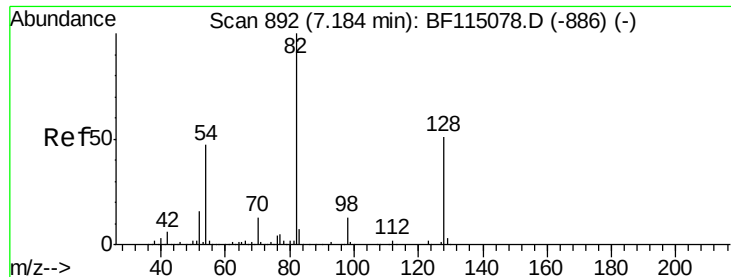
Delta R.T. 0.00 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		978283		
71	3.8		1.9	2.9#	
51	29.0		25.8	38.8	
120	23.7		18.5	27.7	





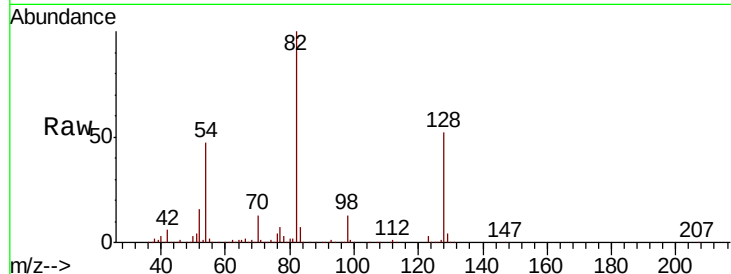
#23
 Nitrobenzene-d5
 Concen: 91.212 ng
 RT: 7.17 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF115279.D
 Acq: 28 Jun 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120920BS

Tot Ion	82	Resp	1381032
Ion Ratio	100	Lower	Upper
128	51.6	40.4	60.6
54	46.9	37.5	56.3

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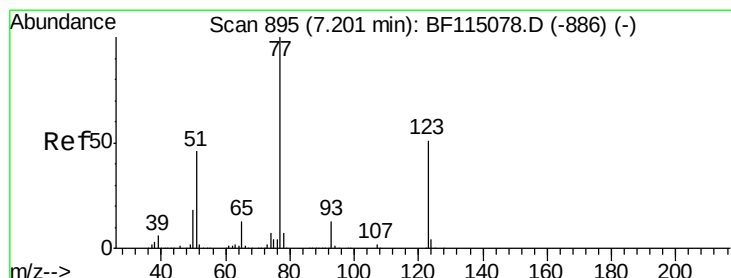
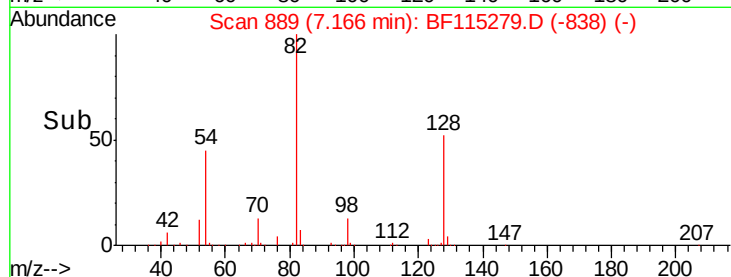
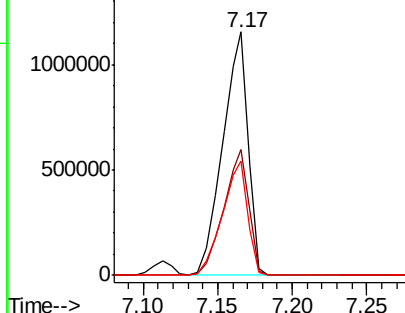


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 44.355 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115279.D
 Acq: 28 Jun 2019 14:14

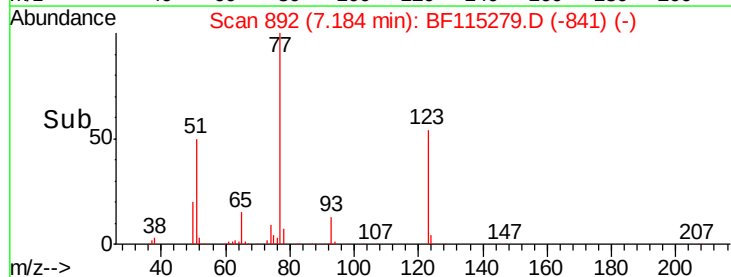
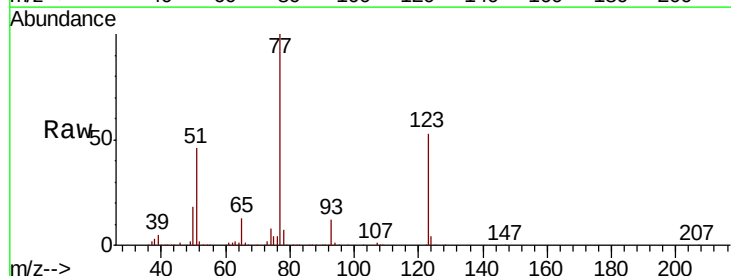
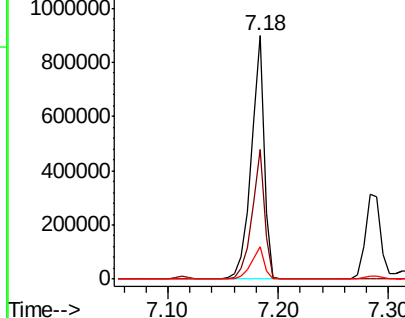
Tgt Ion	77	Resp	739857
Ion Ratio	100	Lower	Upper
123	53.2	41.0	61.6
65	13.2	10.5	15.7

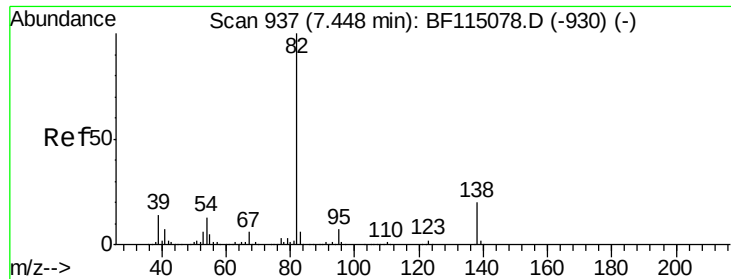
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.273 ng

RT: 7.42 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

Instrument :

BNA_F

ClientSampleId :

PB120920BS

Tot Ion: 82 Resp: 1373213

Ion Ratio Lower Upper

82 100

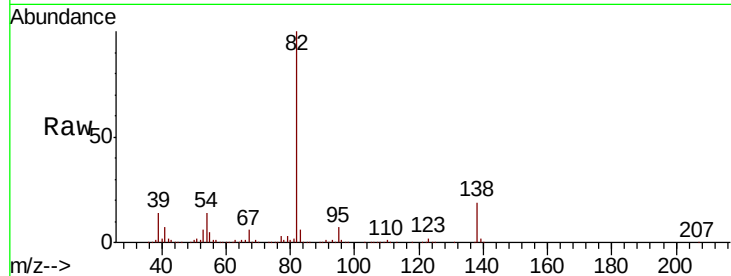
95 6.8 5.4 8.2

138 19.3 15.9 23.9

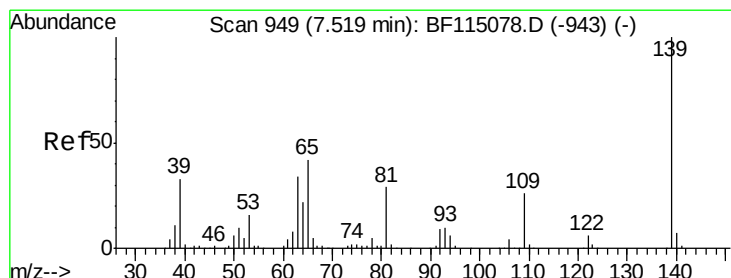
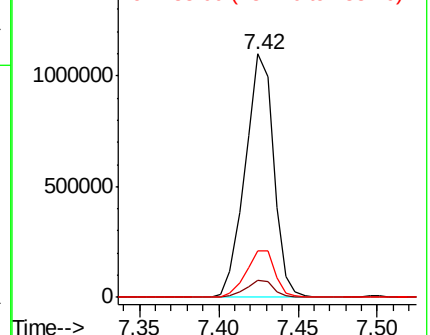
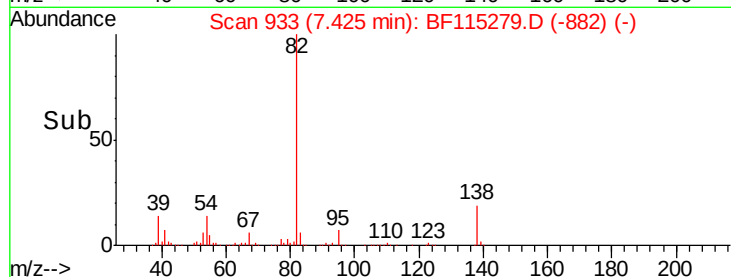
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Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.602 ng

RT: 7.50 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

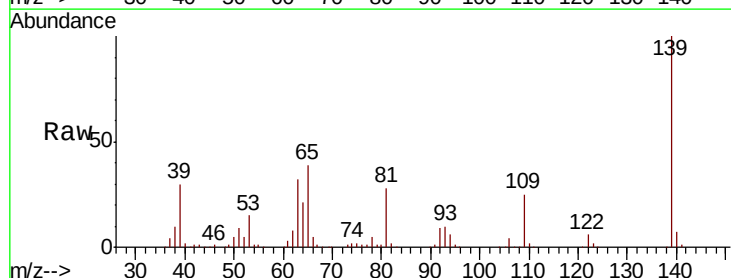
Tgt Ion: 139 Resp: 425068

Ion Ratio Lower Upper

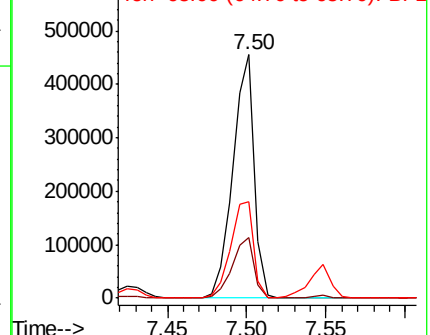
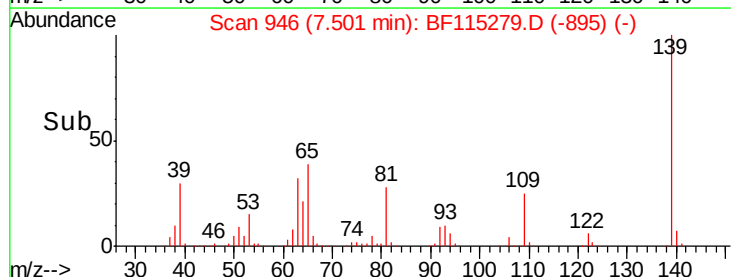
139 100

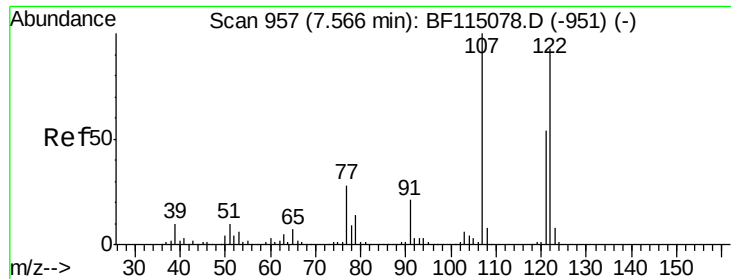
109 24.9 20.4 30.6

65 39.4 33.6 50.4



Abundance Ion 139.00 (138.70 to 139.70): BF1
600000
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





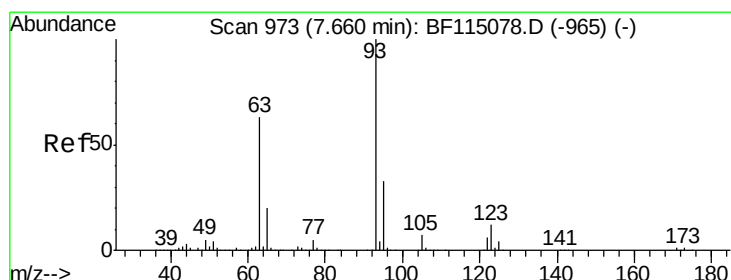
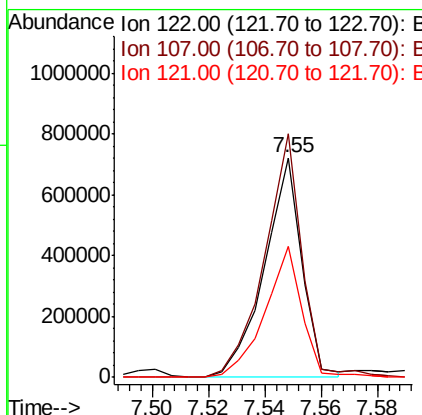
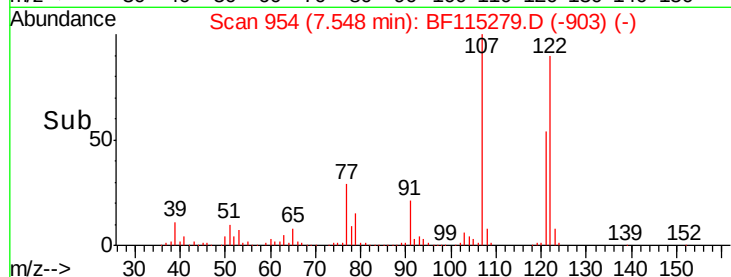
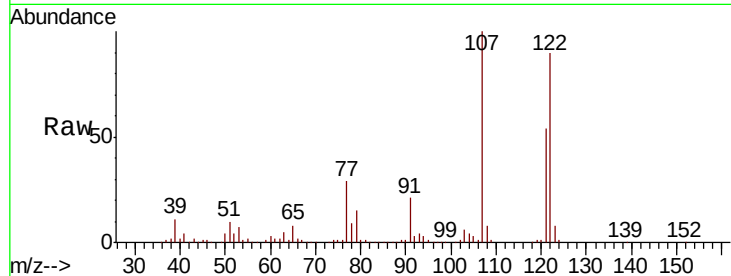
#27
2,4-Dimethylphenol
Concen: 49.263 ng
RT: 7.55 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.9	85.8	128.6
121	59.5	46.3	69.5

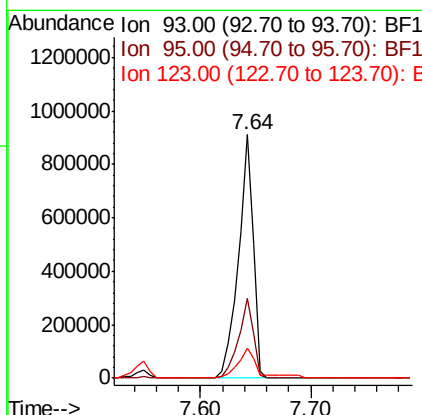
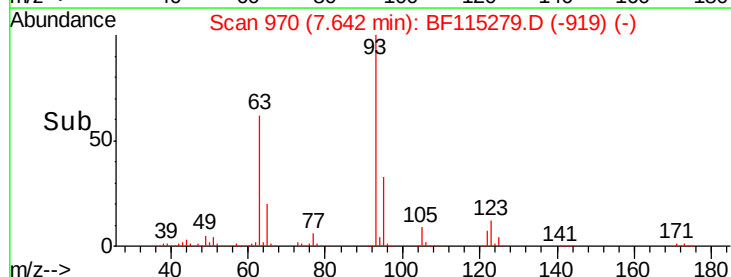
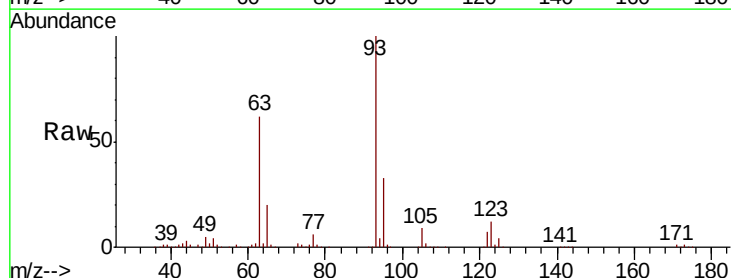
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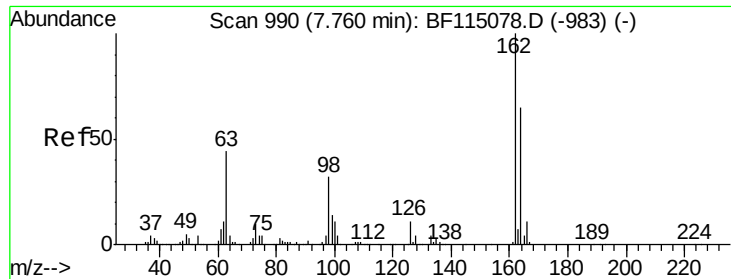
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.058 ng
RT: 7.64 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.4
123	12.4	9.7	14.5





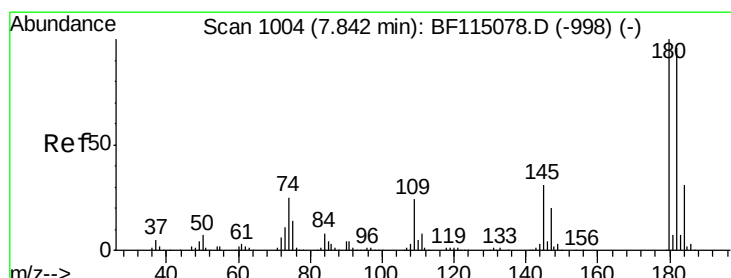
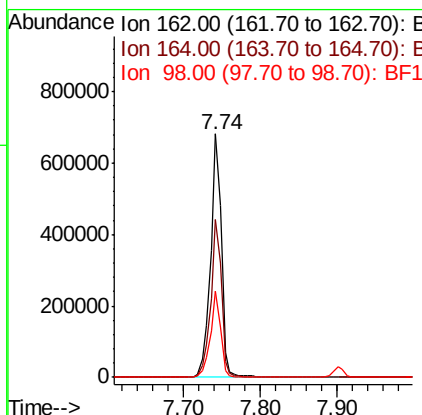
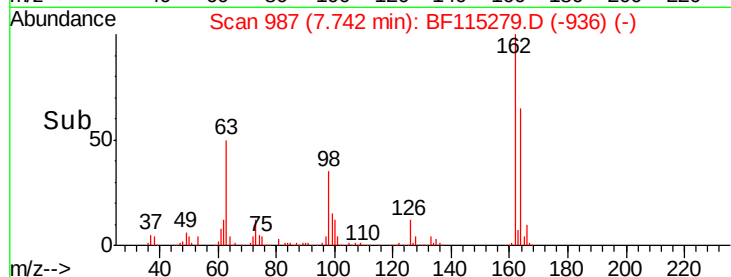
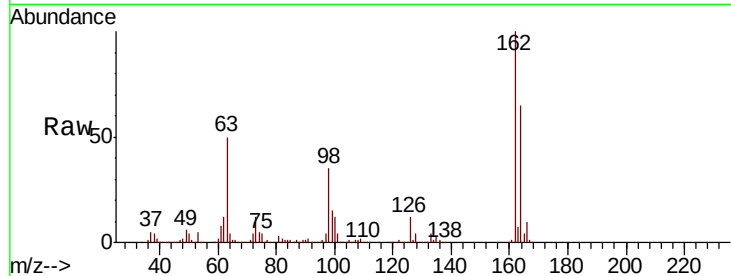
#29
2,4-Dichlorophenol
Concen: 46.946 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	45.3	85.3
98	35.3	12.5	52.5

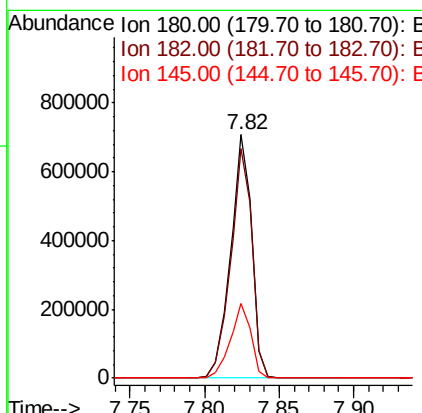
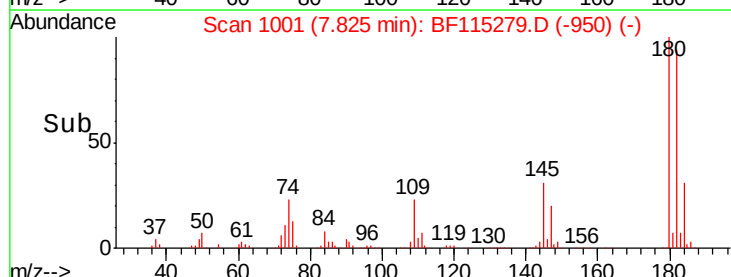
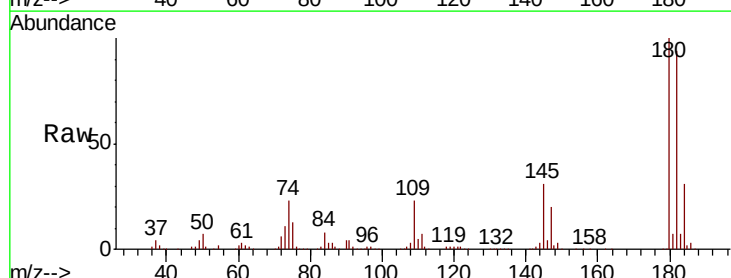
Manual Integrations
APPROVED

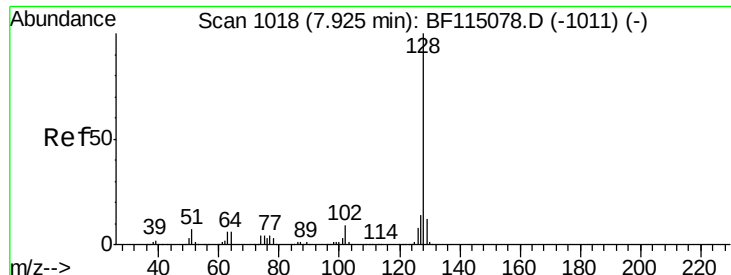
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#30
1,2,4-Trichlorobenzene
Concen: 45.737 ng
RT: 7.82 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.4	114.6
145	30.7	24.8	37.2





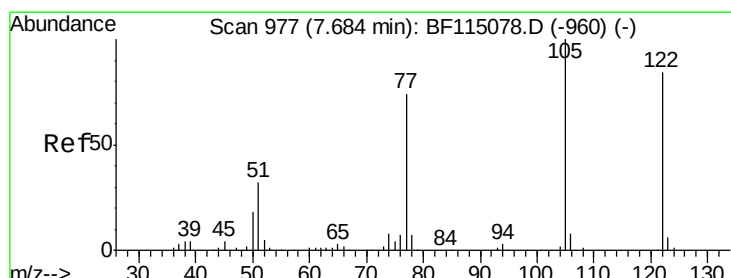
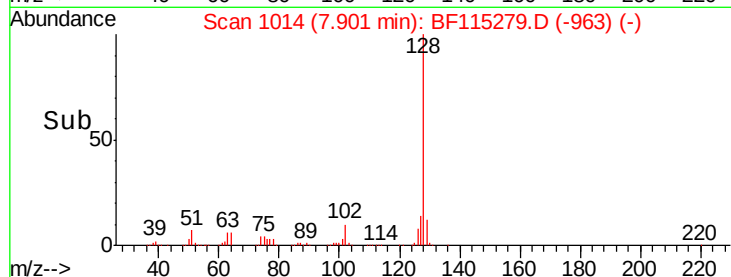
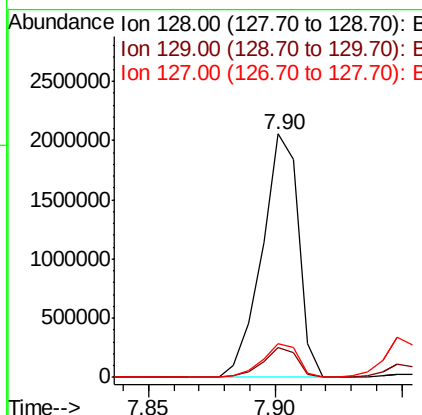
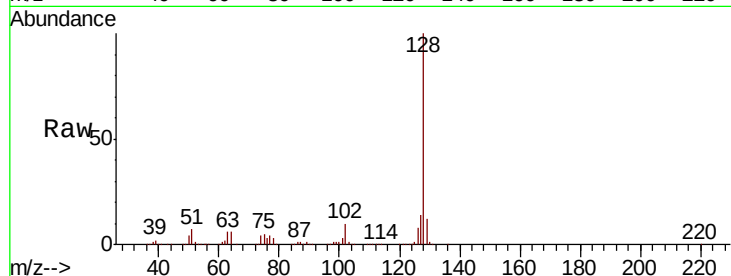
#31
Naphthalene
Concen: 45.442 ng
RT: 7.90 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.6	14.4
127	14.1	11.4	17.0

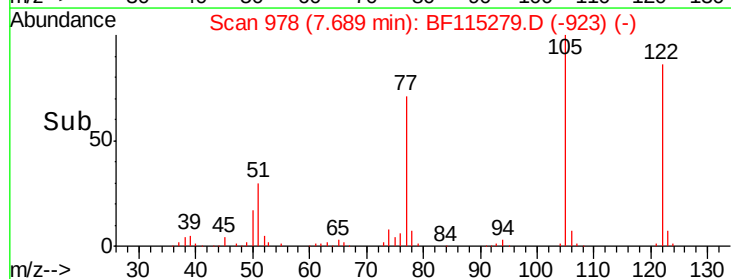
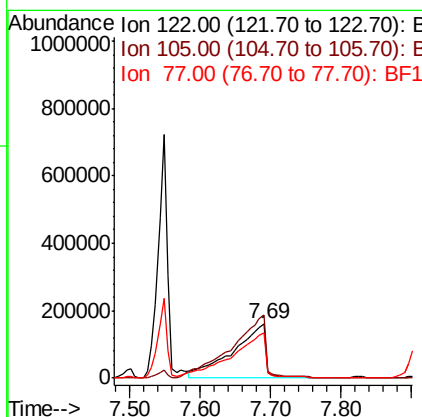
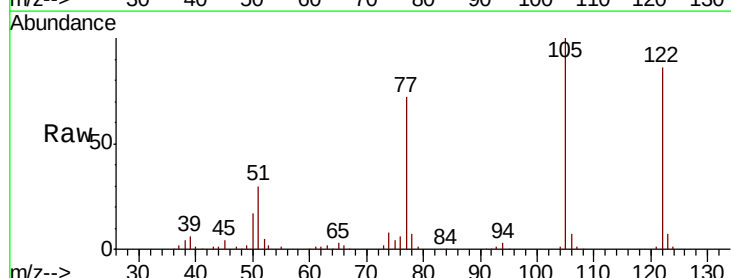
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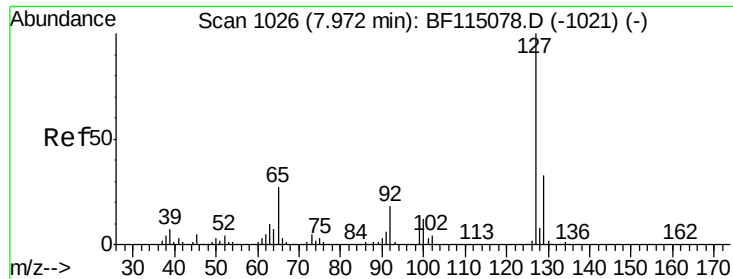
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#32
Benzoic acid
Concen: 53.633 ng
RT: 7.69 min Scan# 978
Delta R.T. 0.02 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.8	98.2	138.2
77	83.7	67.0	107.0





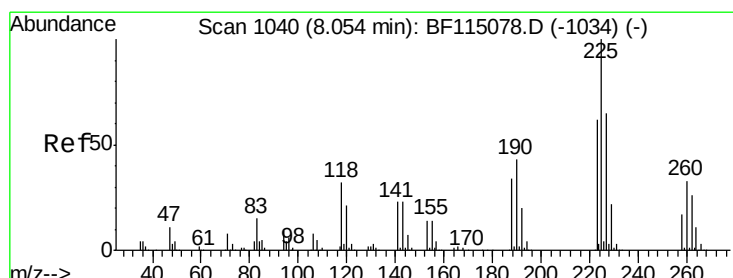
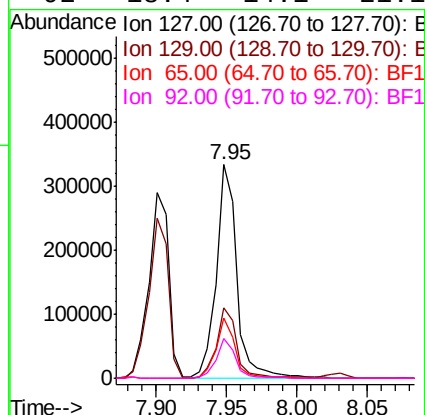
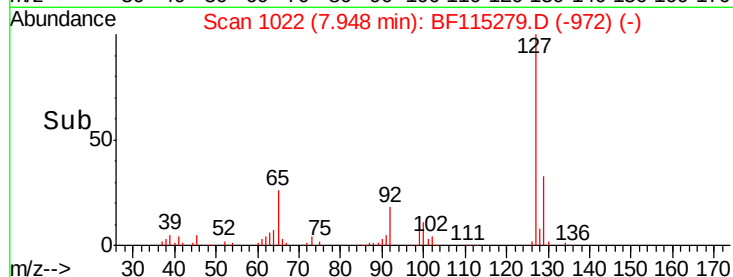
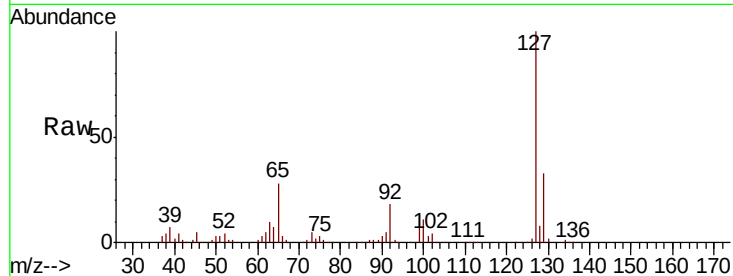
#33
4-Chloroaniline
Concen: 16.118 ng
RT: 7.95 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.1	39.1		
65	28.3	21.4	32.2		
92	18.4	14.1	21.1		

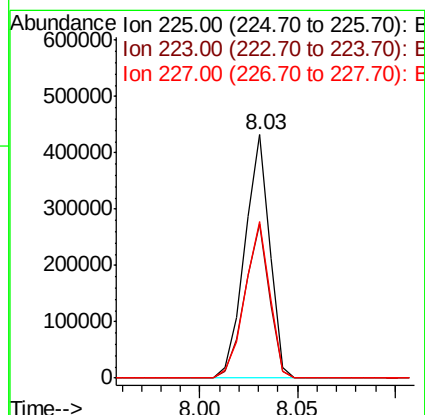
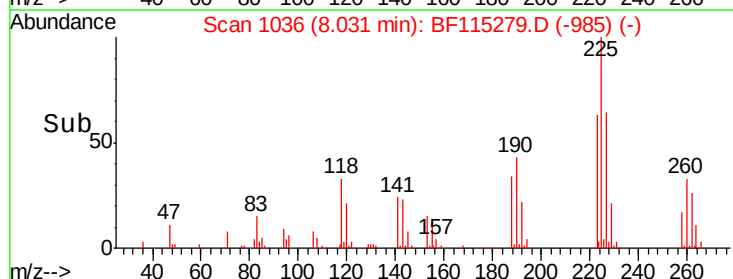
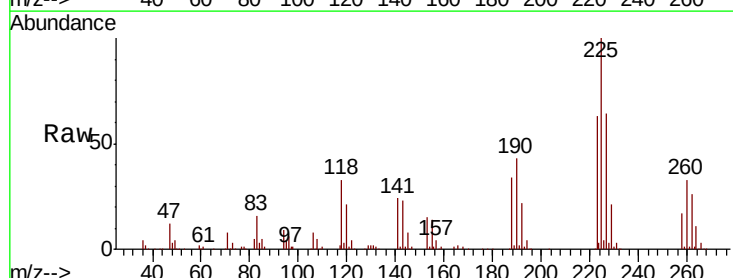
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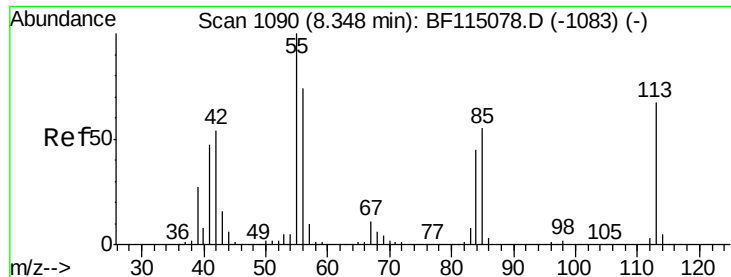
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#34
Hexachlorobutadiene
Concen: 45.342 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	49.4	74.2		
227	64.3	51.8	77.8		





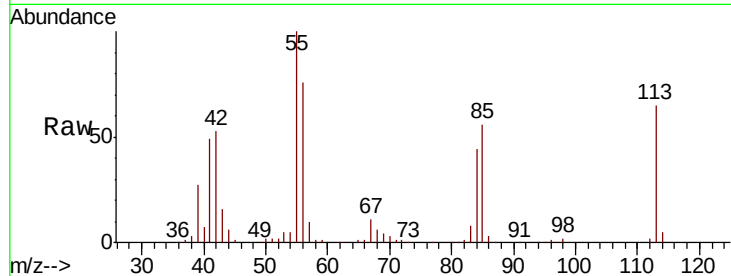
#35
Caprolactam
Concen: 45.405 ng/ml
RT: 8.32 min Scan# 1086
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.8	130.2	170.2
56	116.7	91.6	131.6

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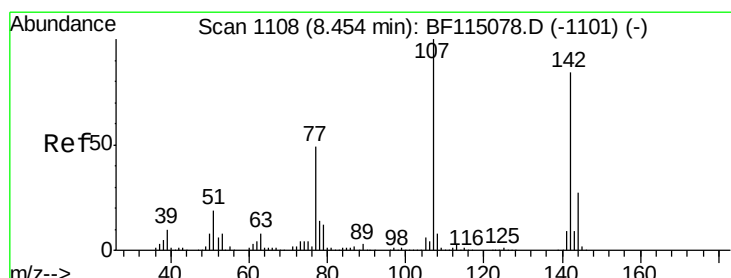
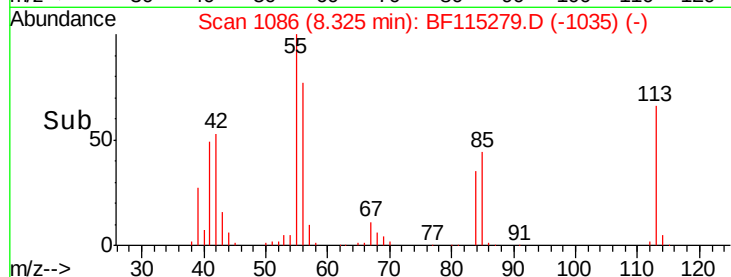
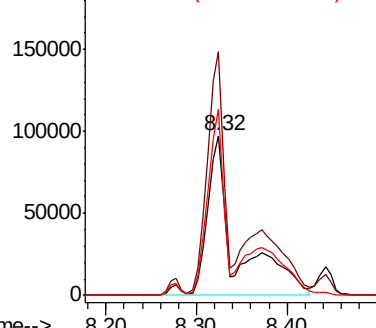


Abundance

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: 46.190 ng/ml
RT: 8.44 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

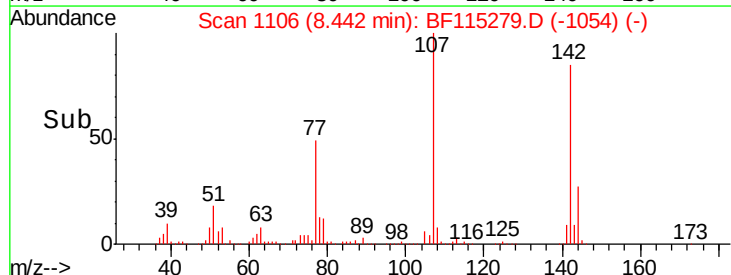
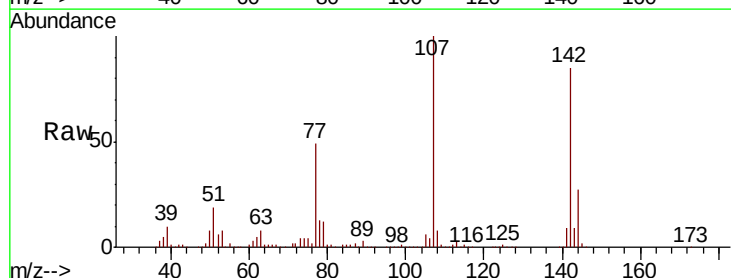
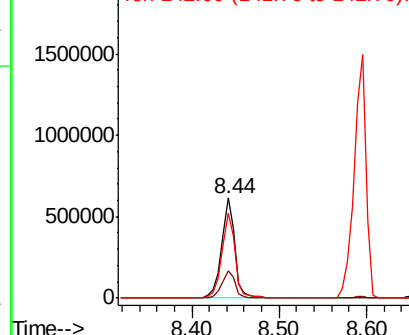
Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	21.7	32.5
142	84.7	67.0	100.4

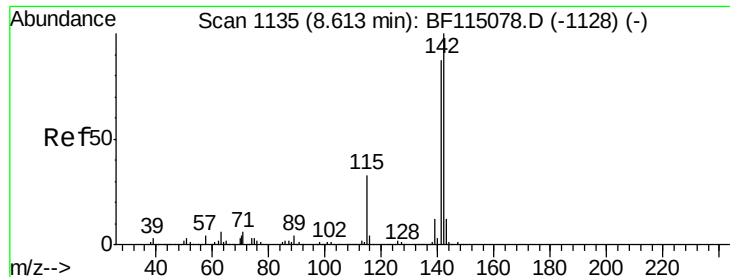
Abundance

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





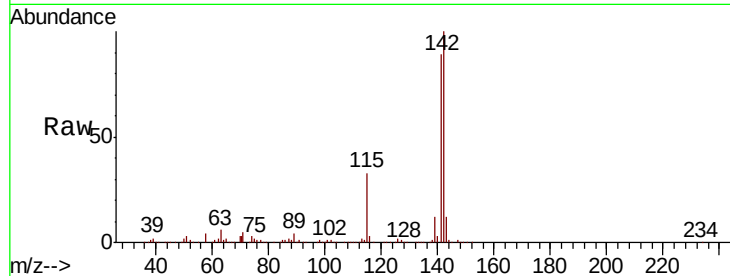
#37
2-Methylnaphthalene
Concen: 46.159 ng
RT: 8.60 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

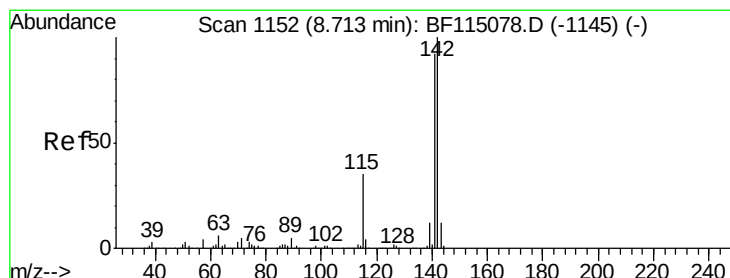
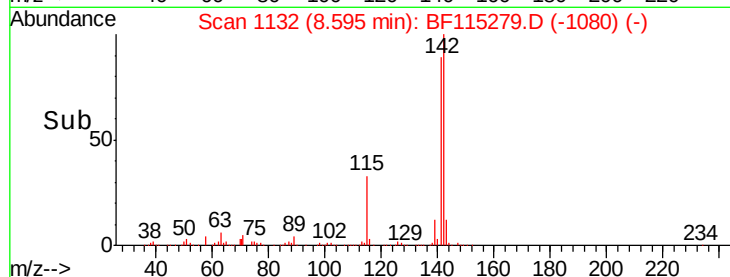
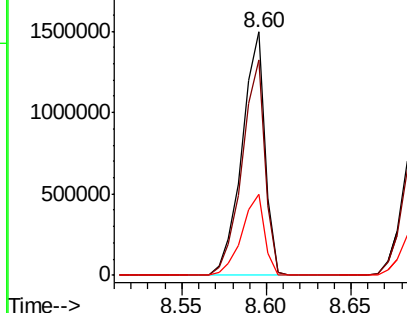
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.8	104.6
115	33.2	26.7	40.1

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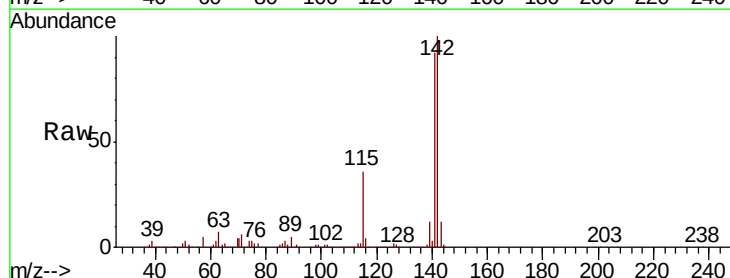


Abundance Ion 142.00 (141.70 to 142.70): E
2000000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

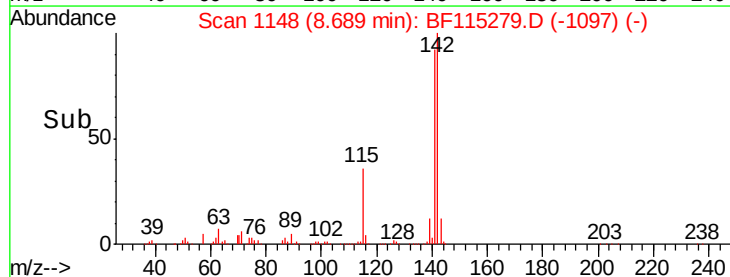
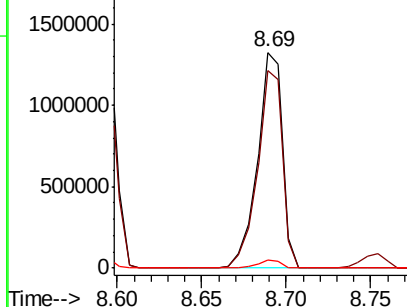


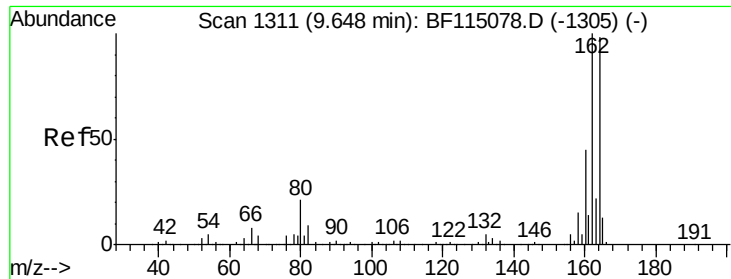
#38
1-Methylnaphthalene
Concen: 46.052 ng
RT: 8.69 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.8	110.8
116	3.8	2.8	4.2



Abundance Ion 142.00 (141.70 to 142.70): E
2000000 Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





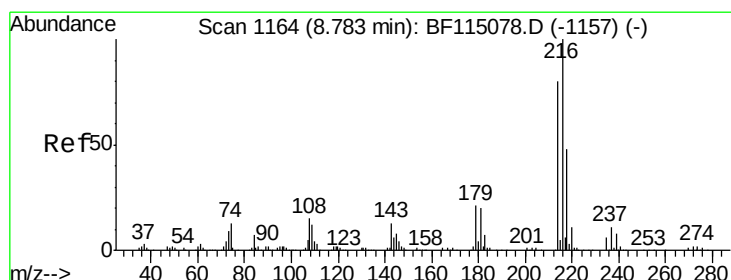
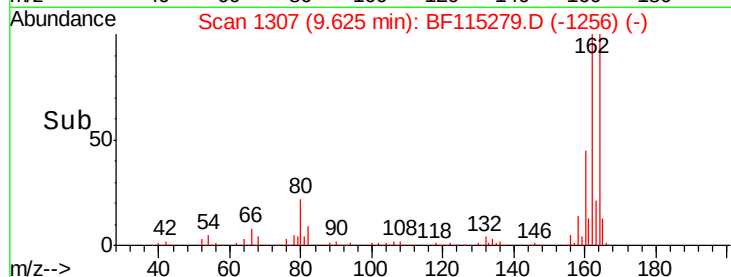
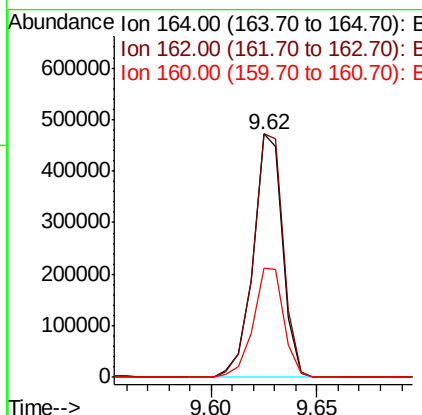
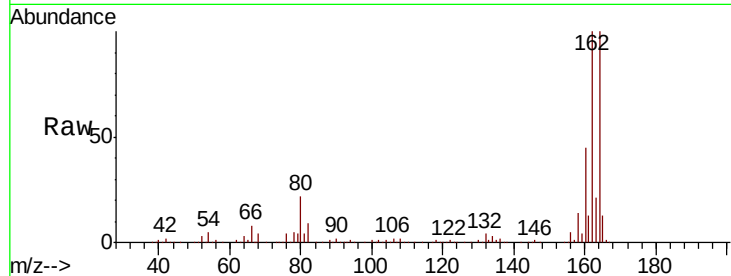
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.7	122.5
160	44.8	37.0	55.4

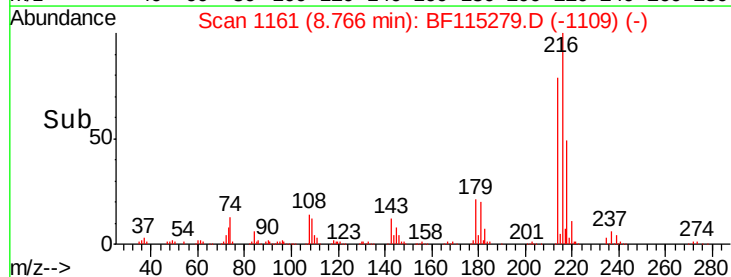
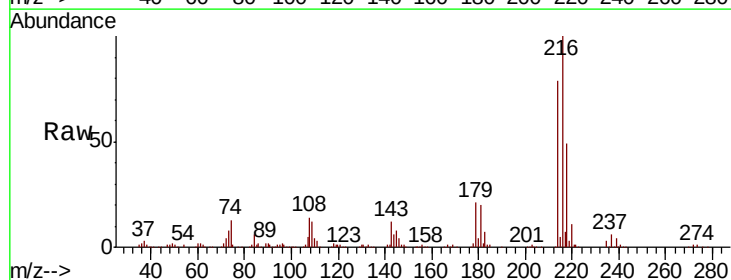
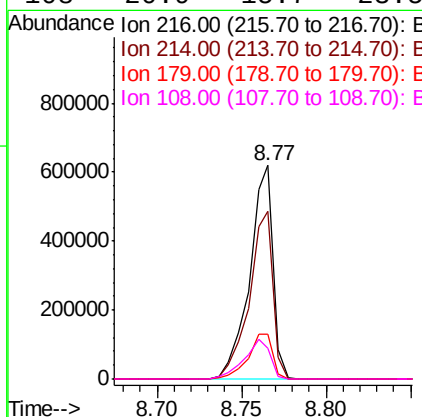
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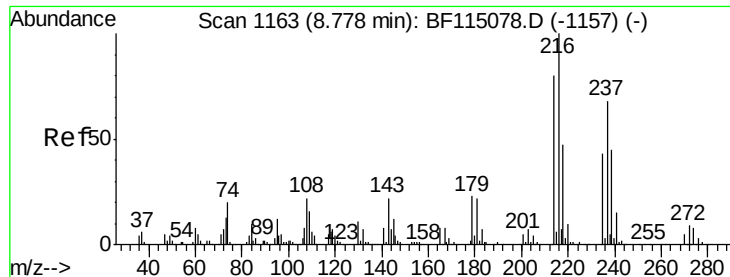
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.751 ng
RT: 8.77 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.8	95.6
179	22.4	17.6	26.4
108	20.9	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 95.435 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

Instrument :

BNA_F

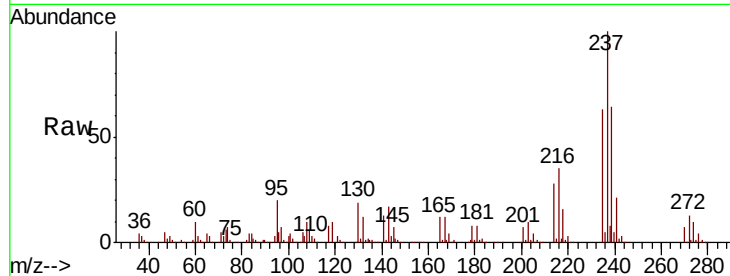
ClientSampleId :

PB120920BS

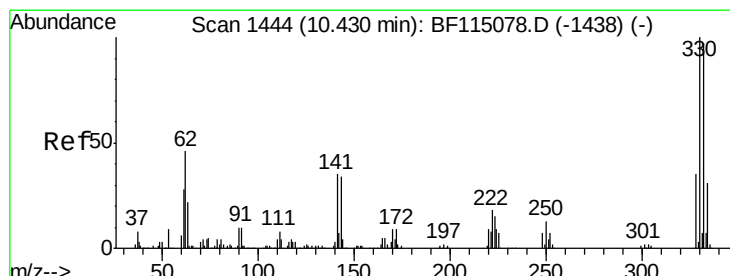
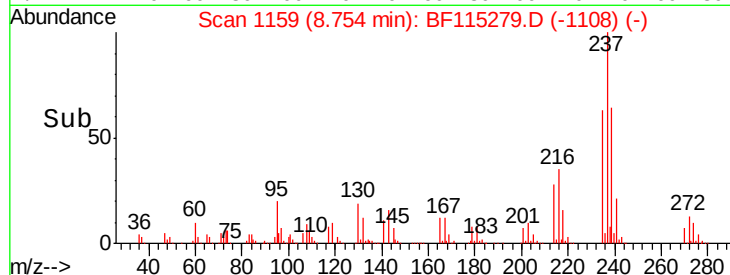
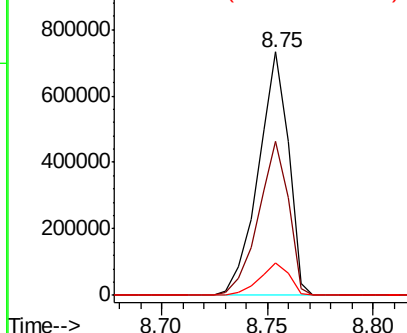
Tot Ion:	237	Resp:	727083
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.9	83.9
272	13.3	0.0	33.8

Manual Integrations
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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: 134.891 ng

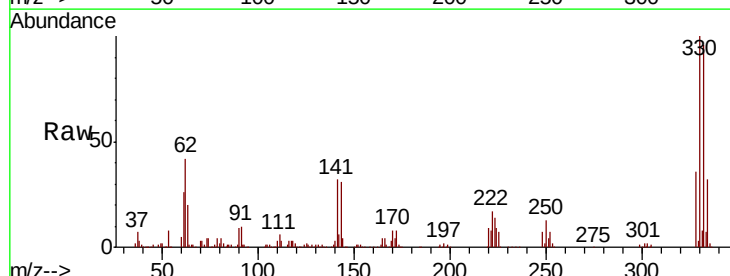
RT: 10.41 min Scan# 1441

Delta R.T. 0.01 min

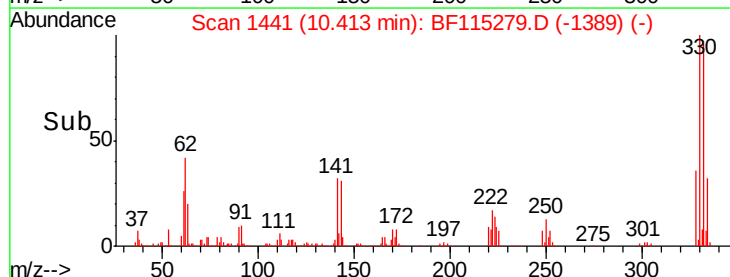
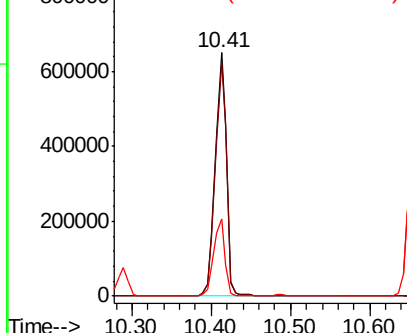
Lab File: BF115279.D

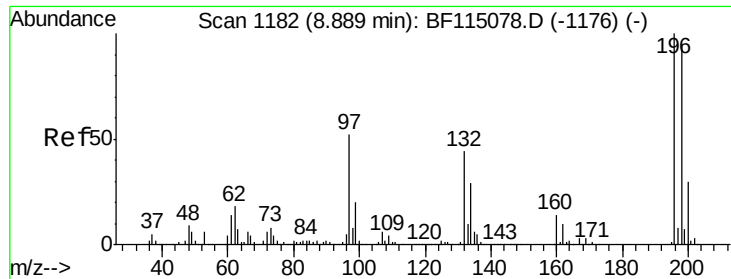
Acq: 28 Jun 2019 14:14

Tgt Ion:	330	Resp:	646767
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.3	115.9
141	31.5	28.2	42.2



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





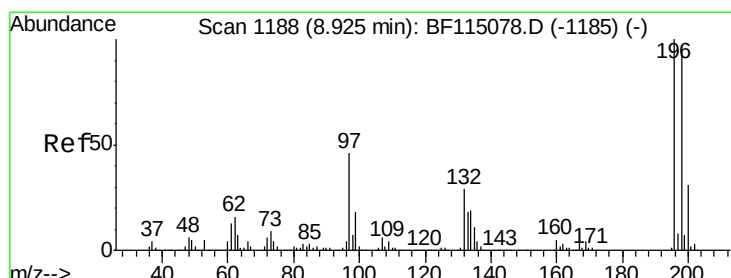
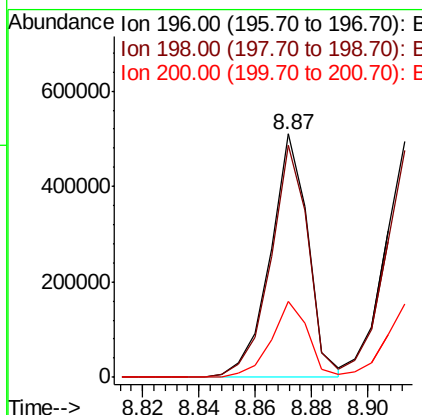
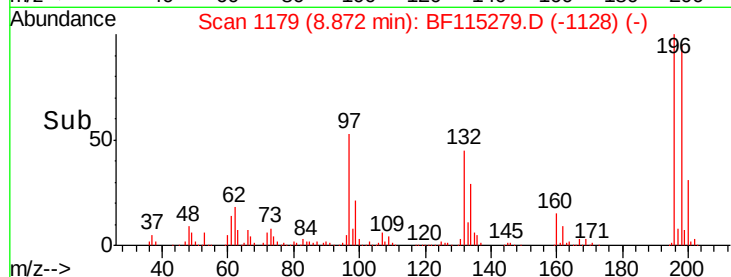
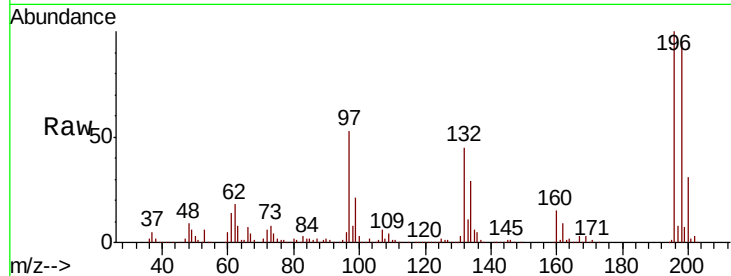
#43
 2,4,6-Trichlorophenol
 Concen: 47.555 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF115279.D
 Acq: 28 Jun 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120920BS

Tot Ion:	196	Resp:	471720
Ion Ratio	Lower	Upper	
196	100		
198	95.5	76.3	114.5
200	31.2	24.2	36.4

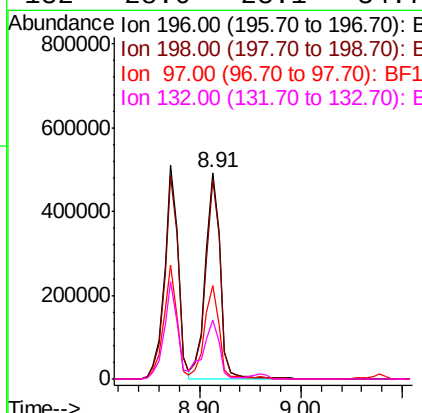
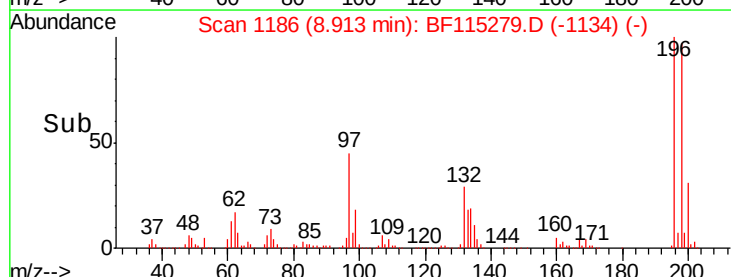
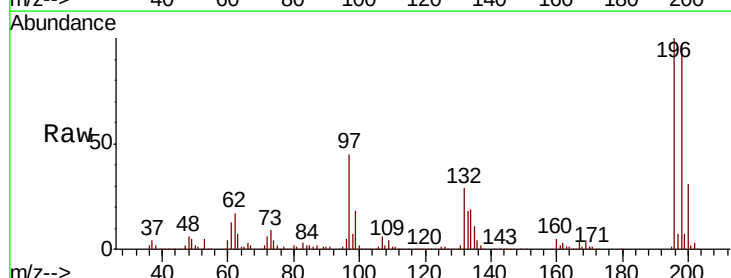
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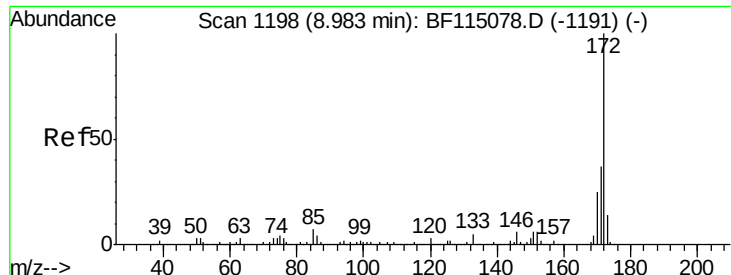
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#44
 2,4,5-Trichlorophenol
 Concen: 48.737 ng
 RT: 8.91 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF115279.D
 Acq: 28 Jun 2019 14:14

Tgt Ion:	196	Resp:	497857
Ion Ratio	Lower	Upper	
196	100		
198	96.6	77.1	115.7
97	45.4	37.7	56.5
132	28.6	23.1	34.7





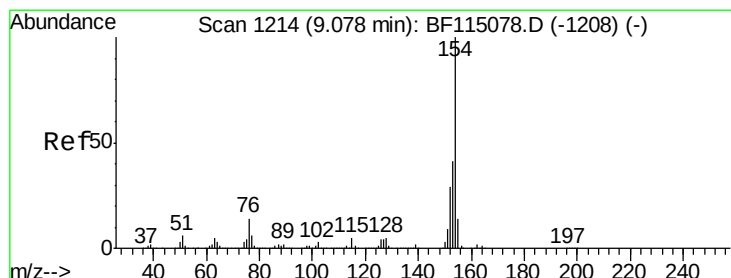
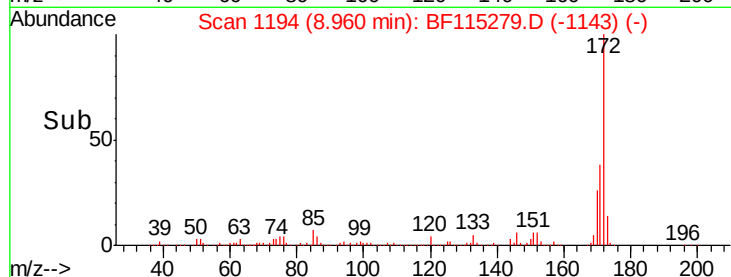
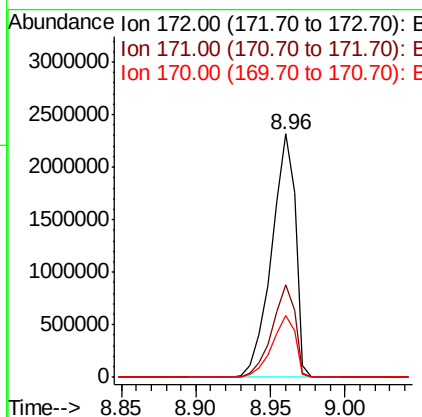
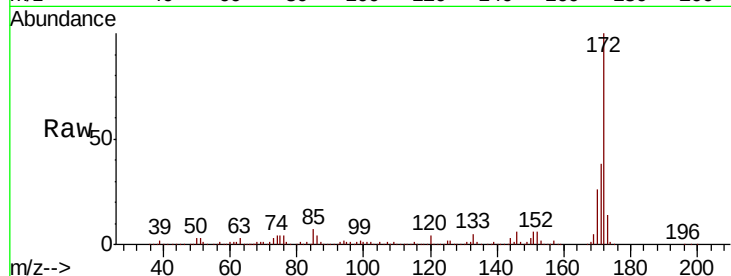
#45
2-Fluorobiphenyl
Concen: 95.759 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	38.0	29.8	44.6	
170	25.6	20.3	30.5	

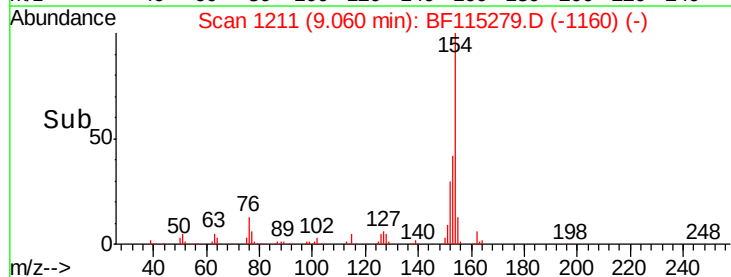
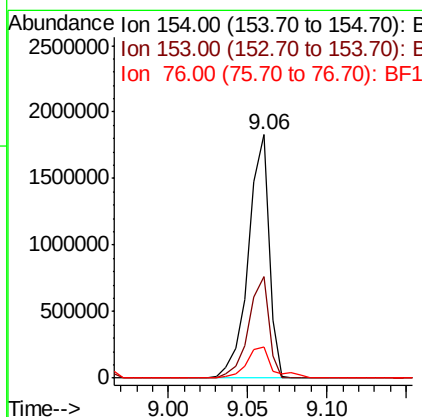
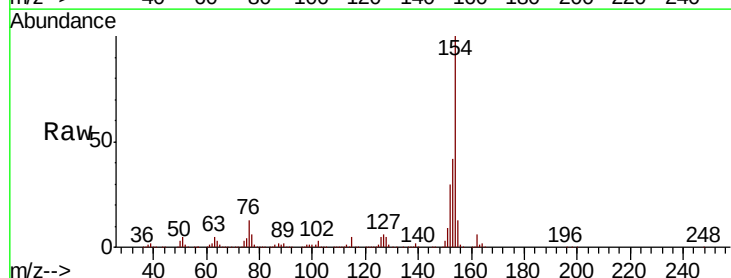
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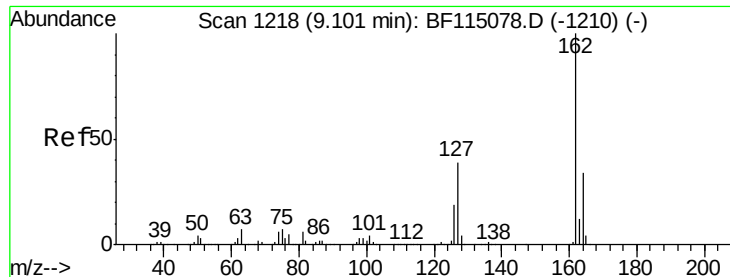
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#46
1,1'-Biphenyl
Concen: 45.157 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.7	20.9	60.9	
76	12.8	0.0	34.1	





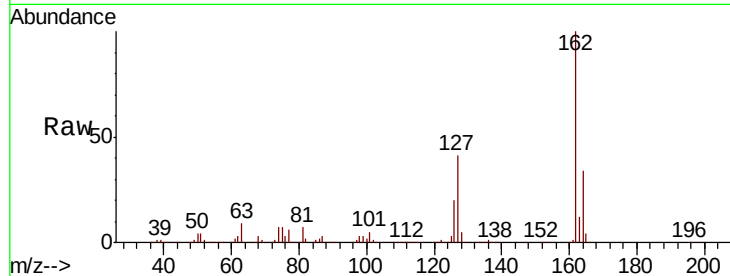
#47
 2-Chloronaphthalene
 Concen: 45.121 ng
 RT: 9.08 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF115279.D
 Acq: 28 Jun 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120920BS

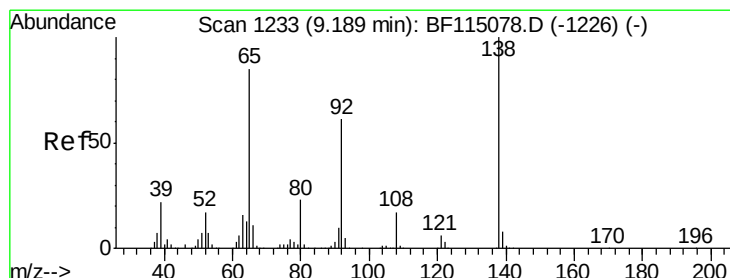
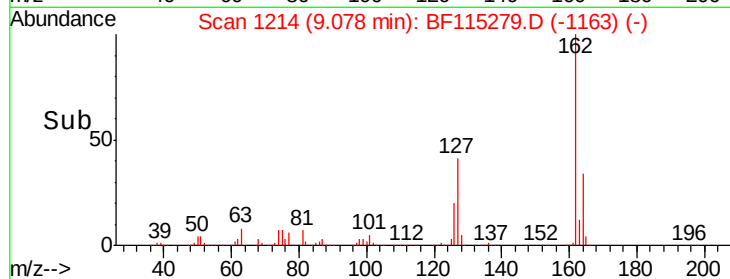
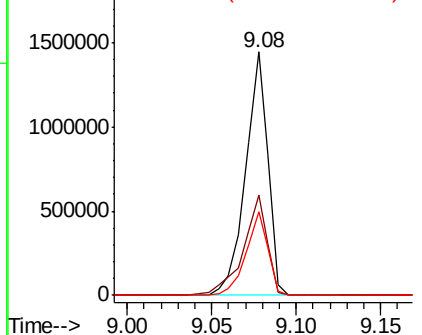
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	30.8	46.2
164	34.2	27.0	40.4

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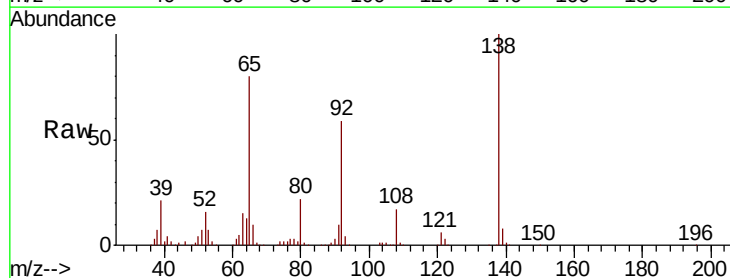


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

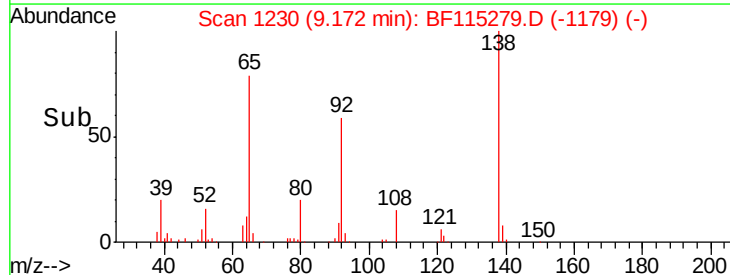
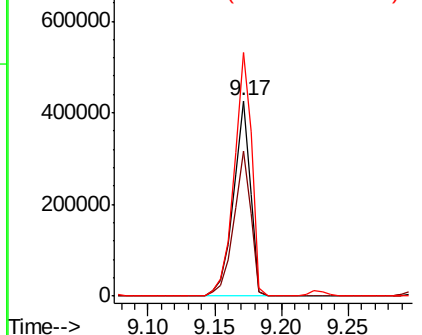


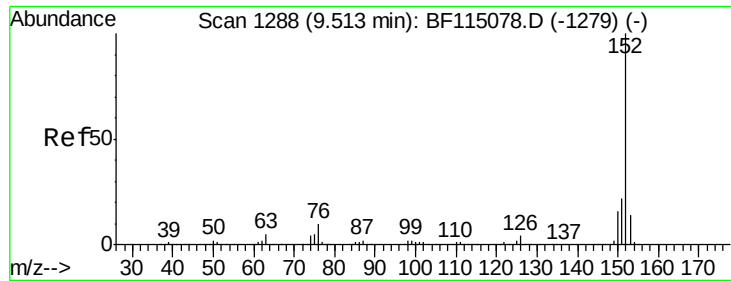
#48
 2-Nitroaniline
 Concen: 44.829 ng
 RT: 9.17 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF115279.D
 Acq: 28 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	57.4	86.2
138	124.8	94.1	141.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.902 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

Instrument :

BNA_F

ClientSampleId :

PB120920BS

Tot Ion:152 Resp: 2064495

Ion Ratio Lower Upper

152 100

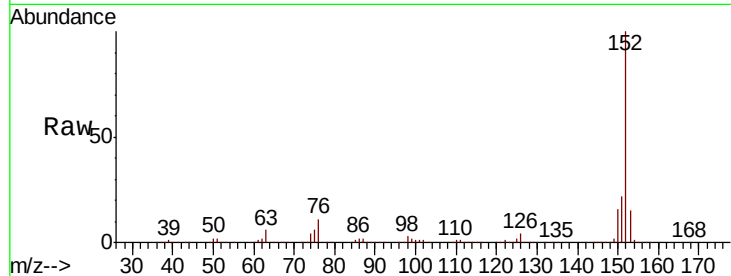
151 21.8 17.2 25.8

153 14.5 11.0 16.6

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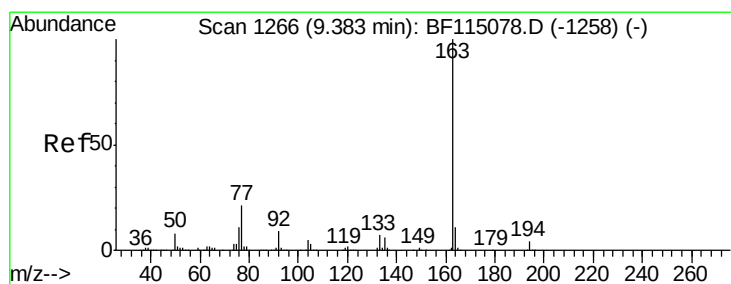
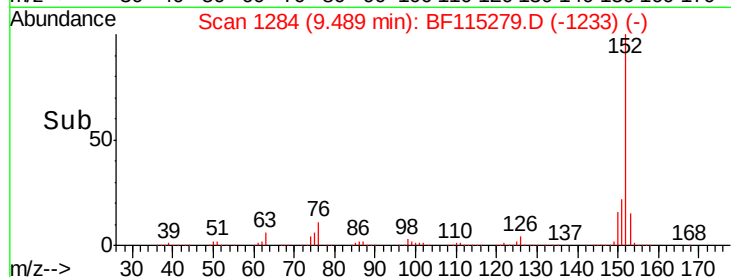
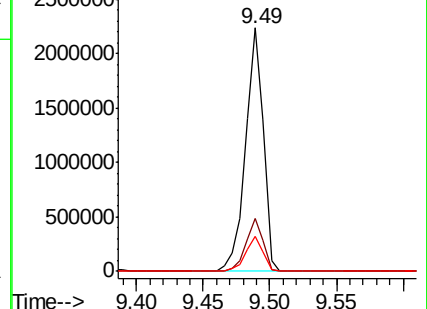
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.708 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

Tgt Ion:163 Resp: 1528997

Ion Ratio Lower Upper

163 100

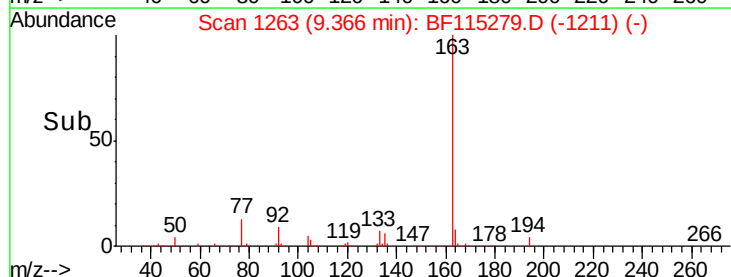
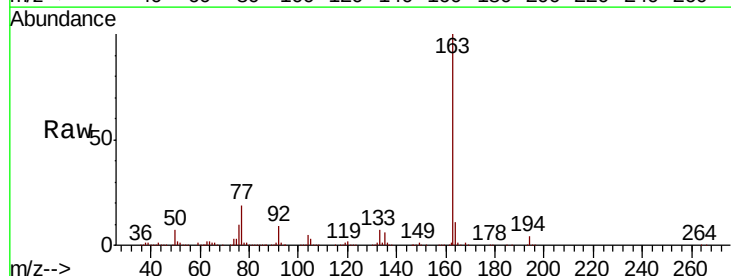
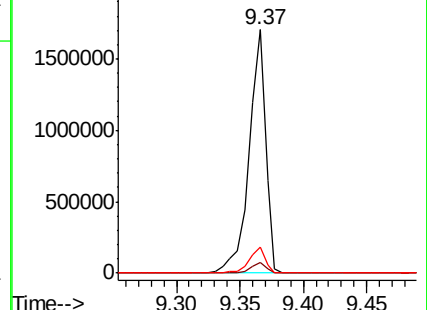
194 4.2 3.2 4.8

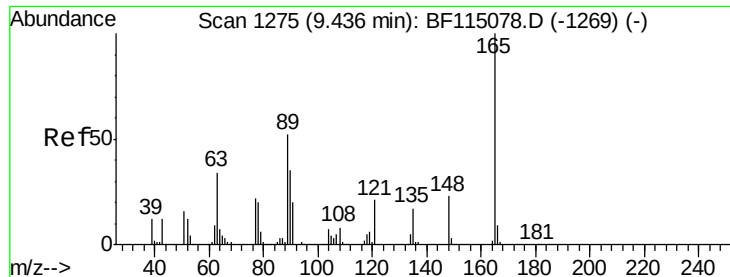
164 10.6 8.6 13.0

Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.621 ng

RT: 9.42 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

Instrument :

BNA_F

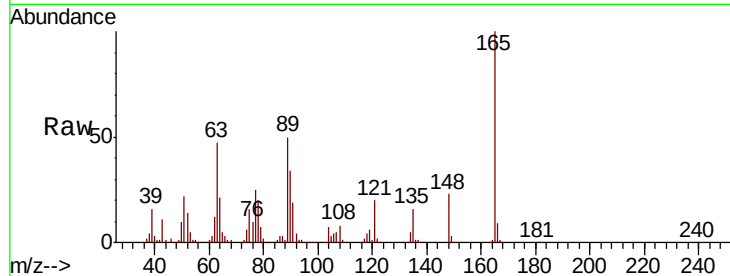
ClientSampleId :

PB120920BS

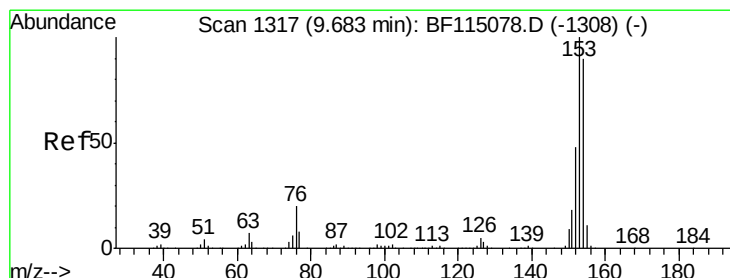
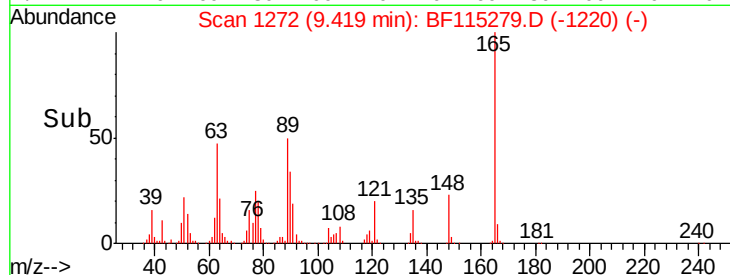
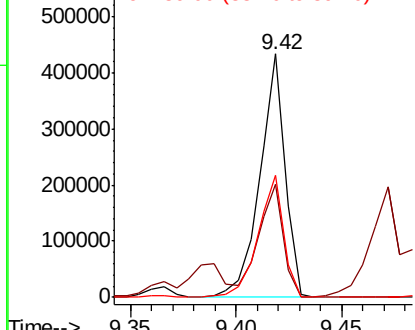
Tot Ion:	165	Resp:	360051
Ion Ratio	Lower	Upper	
165	100		
63	46.7	39.4	59.2
89	50.3	42.0	63.0

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



#52

Acenaphthene

Concen: 42.832 ng

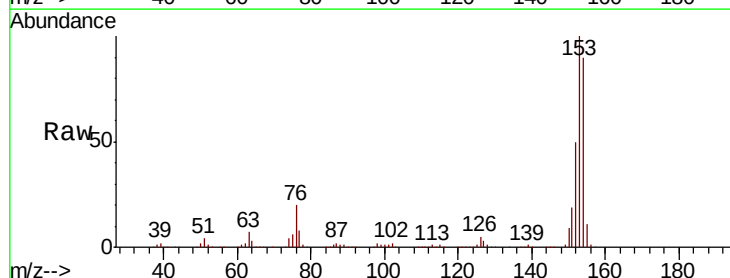
RT: 9.66 min Scan# 1313

Delta R.T. 0.00 min

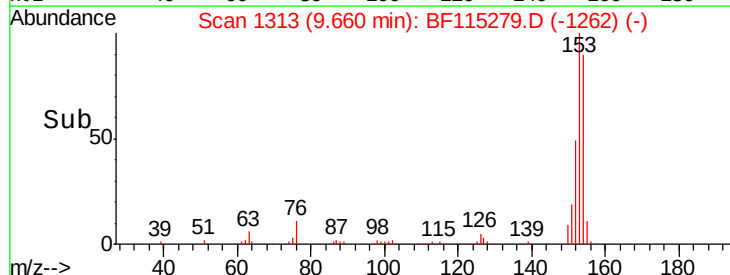
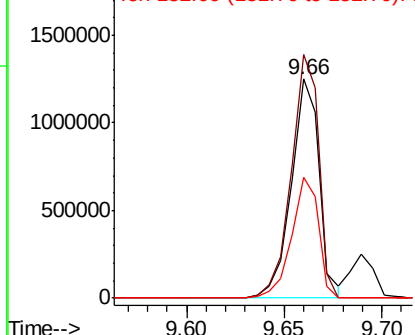
Lab File: BF115279.D

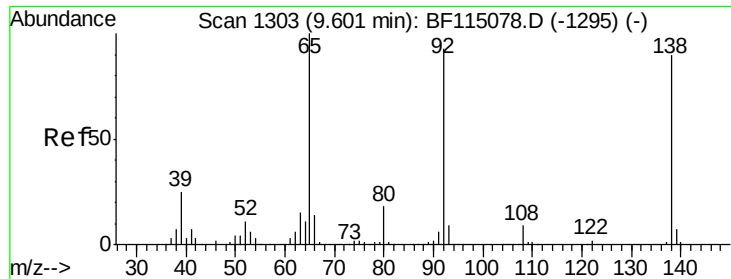
Acq: 28 Jun 2019 14:14

Tgt Ion:	154	Resp:	1232317
Ion Ratio	Lower	Upper	
154	100		
153	111.0	88.7	133.1
152	55.0	42.6	64.0



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





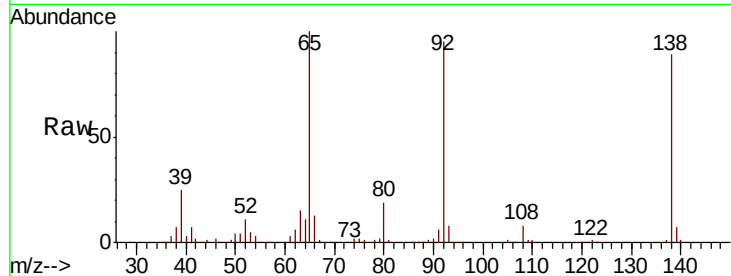
#53
 3-Nitroaniline
 Concen: 25.488 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF115279.D
 Acq: 28 Jun 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120920BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.6
92	106.2	82.9	124.3

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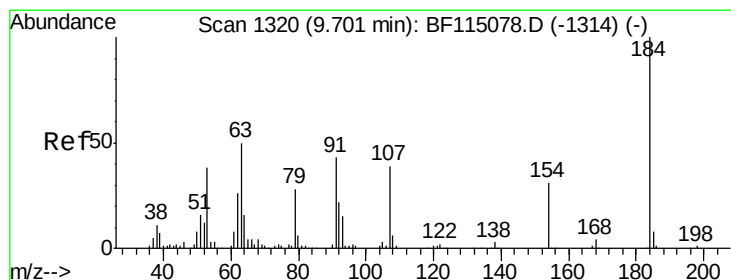
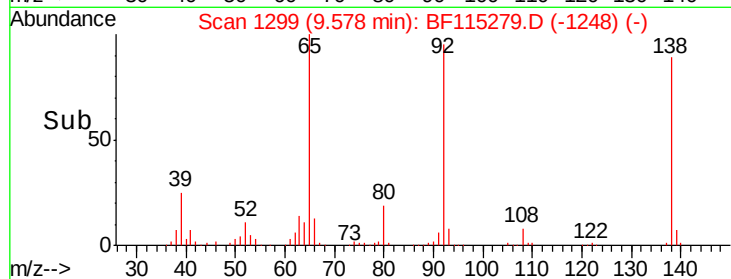
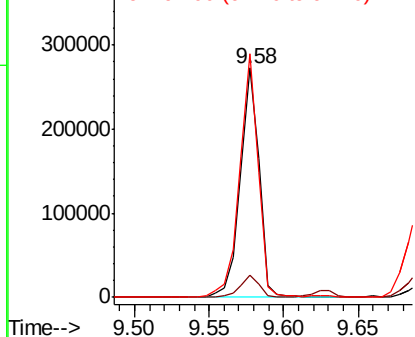


Abundance

Ion 138.00 (137.70 to 138.70): E

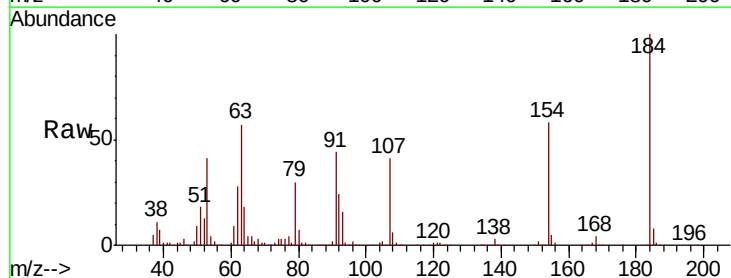
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 104.210 ng
 RT: 9.69 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BF115279.D
 Acq: 28 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.3	41.9	62.9
154	58.2	44.7	67.1

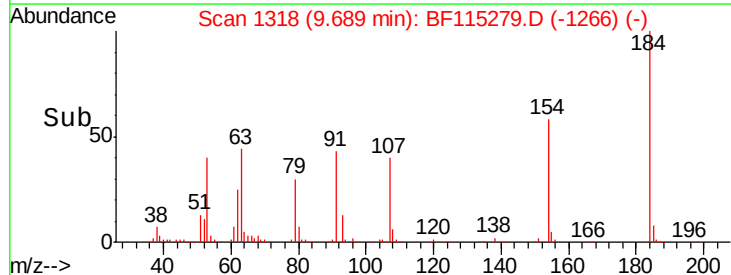
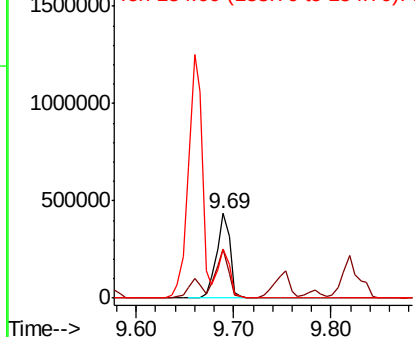


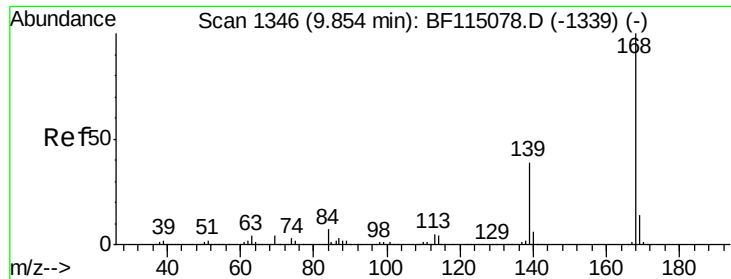
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





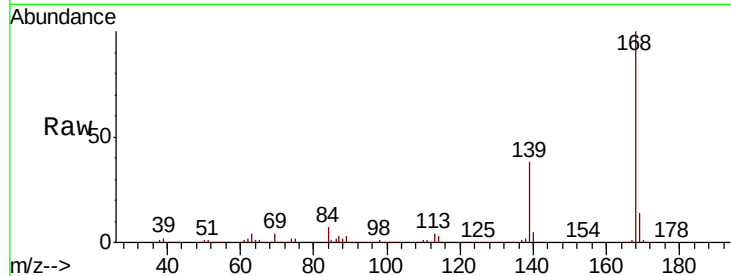
#55
Dibenzofuran
Concen: 43.781 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

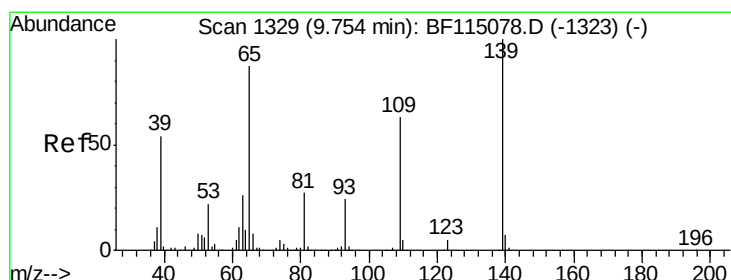
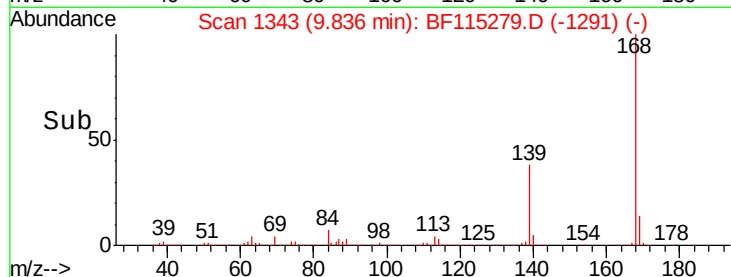
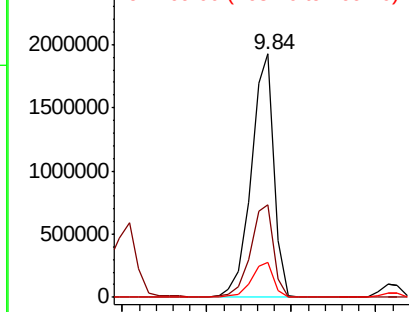
Tot Ion:168 Resp: 1807880
Ion Ratio Lower Upper
168 100
139 38.0 31.1 46.7
169 14.2 11.3 16.9

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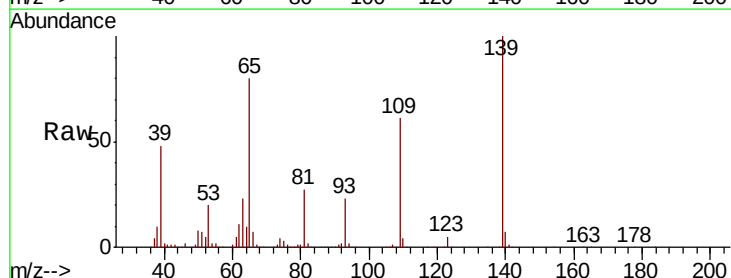


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

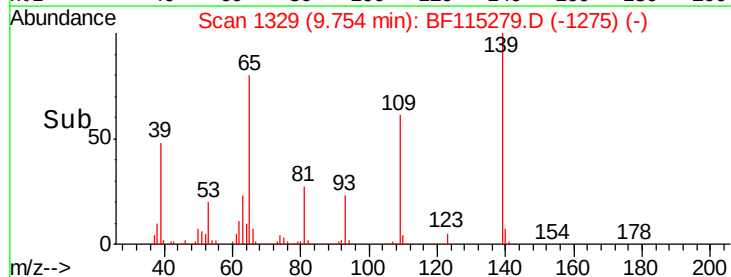
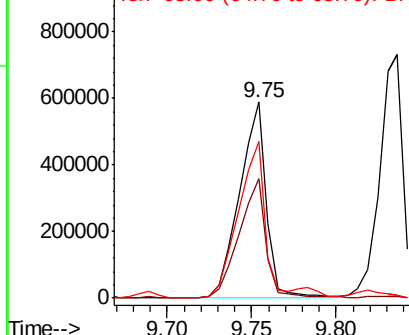


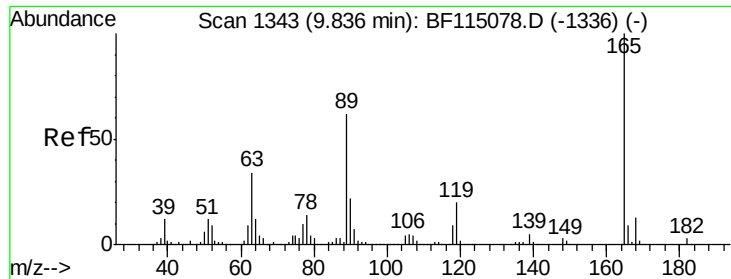
#56
4-Nitrophenol
Concen: 86.661 ng
RT: 9.75 min Scan# 1329
Delta R.T. 0.02 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion:139 Resp: 654784
Ion Ratio Lower Upper
139 100
109 60.9 43.0 83.0
65 79.6 67.0 107.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





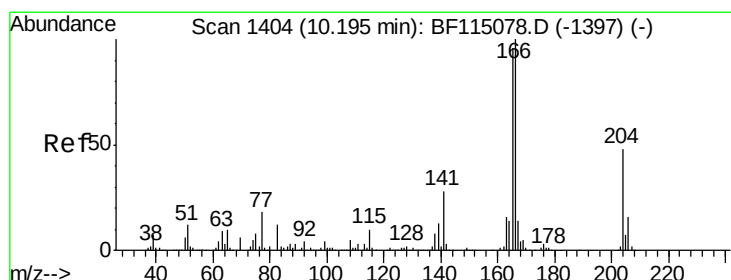
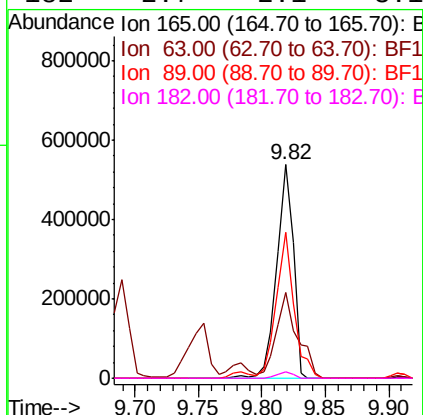
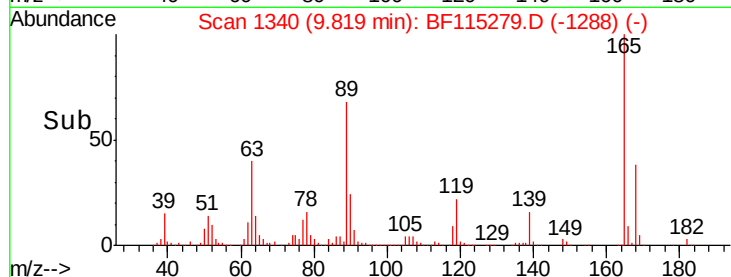
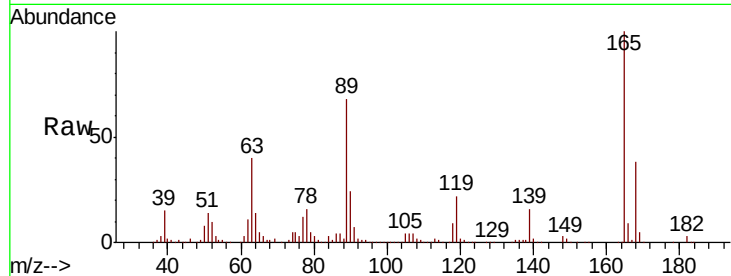
#57
2,4-Dinitrotoluene
Concen: 49.014 ng
RT: 9.82 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		488762		
63	40.2	27.5	41.3		
89	68.2	49.9	74.9		
182	2.7	2.1	3.1		

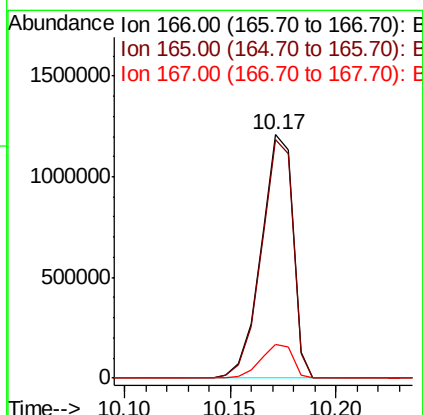
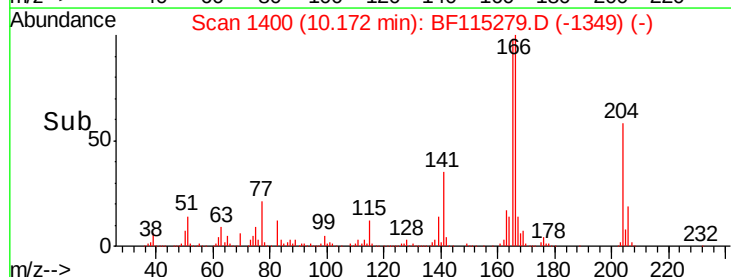
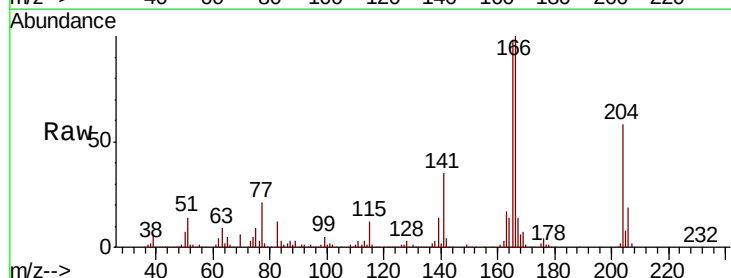
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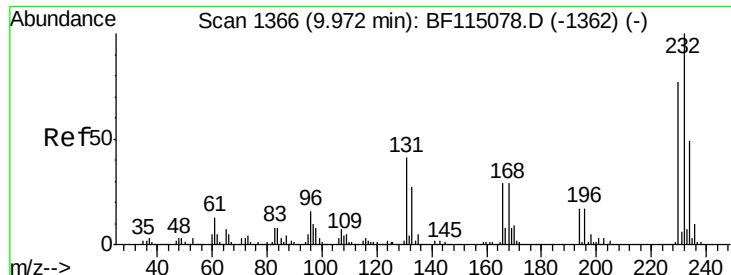
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#58
Fluorene
Concen: 46.215 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1265705		
165	97.8	76.5	114.7		
167	14.0	11.0	16.4		





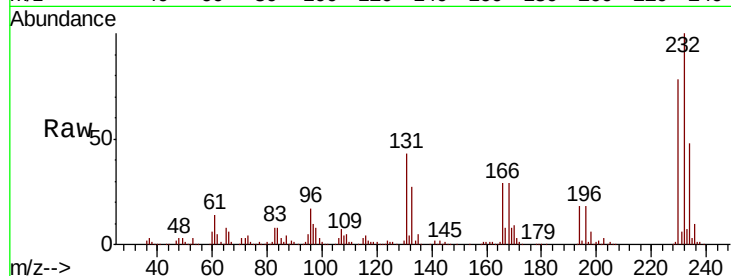
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.079 ng
RT: 9.95 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

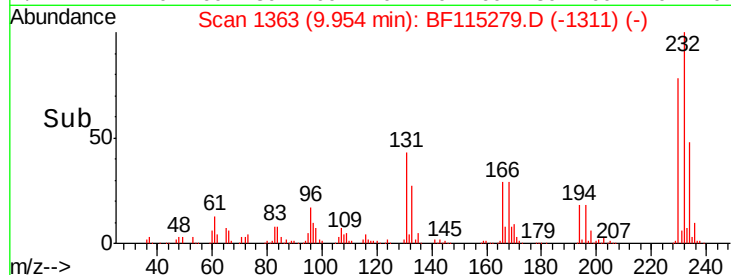
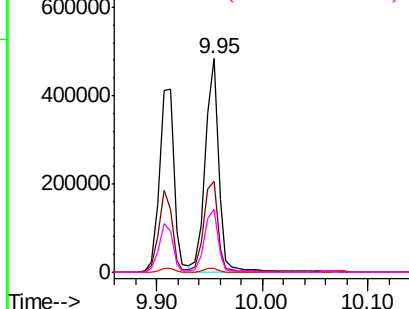
Tot Ion	Ratio	Resp	Lower	Upper
232	100	428953		
131	45.3		37.4	56.0
130	2.2		1.8	2.6
166	29.9		24.6	36.8

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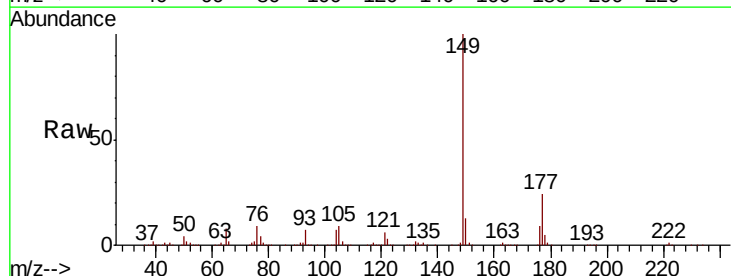
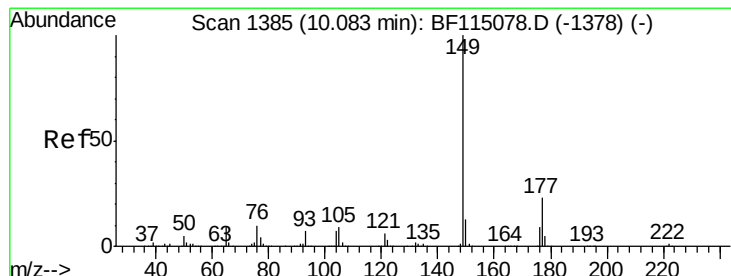
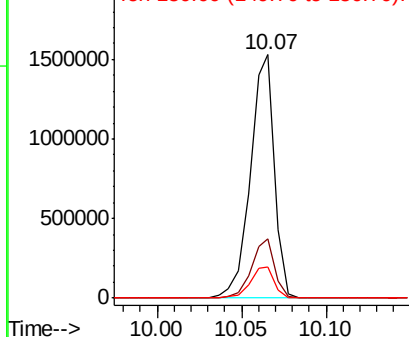
Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

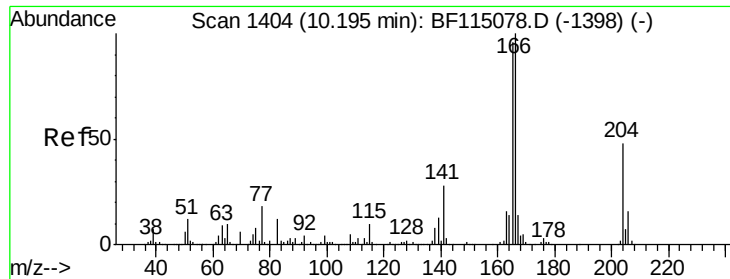


#60
Diethylphthalate
Concen: 45.139 ng
RT: 10.07 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1517818		
177	24.2		18.7	28.1
150	12.7		10.4	15.6

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





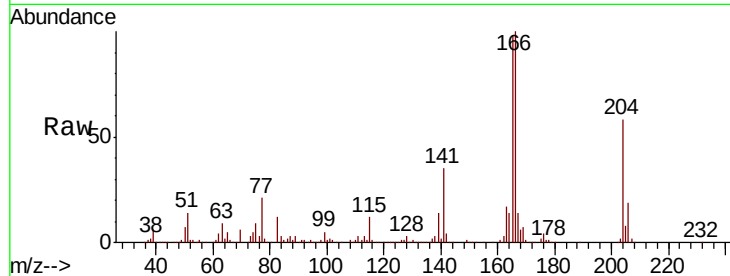
#61
4-Chlorophenyl-phenylether
Concen: 47.652 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	40.0
141	59.9	46.7	70.1

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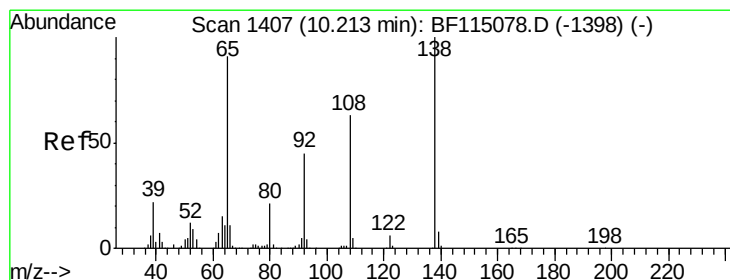
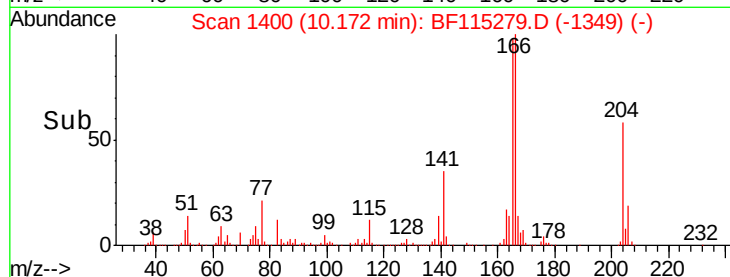
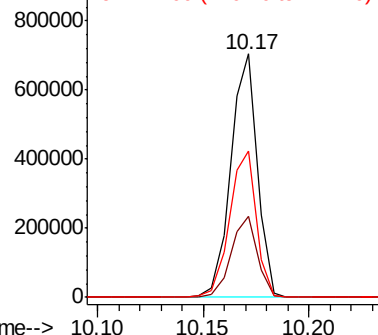


Abundance

Ion 204.00 (203.70 to 204.70): E

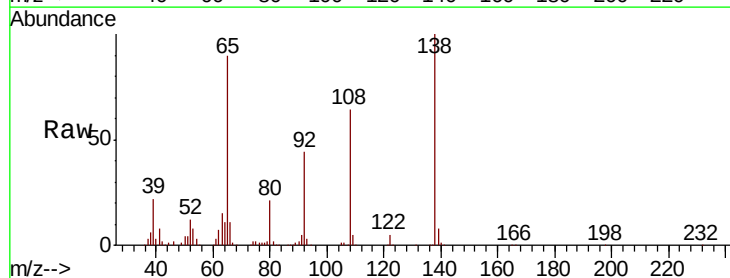
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.763 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.4	24.8	64.8
108	63.5	43.3	83.3

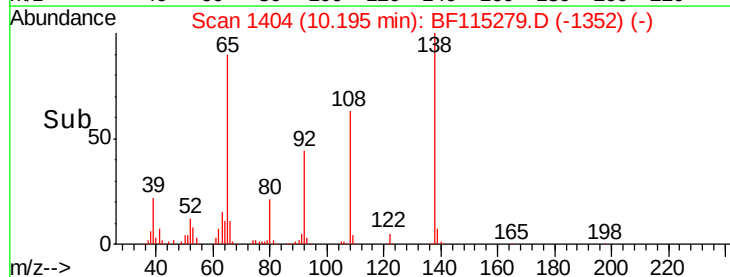
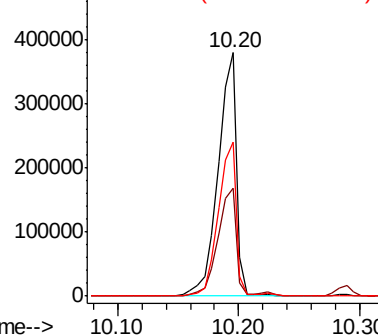


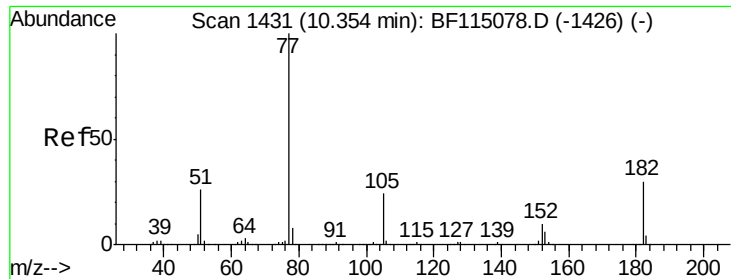
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





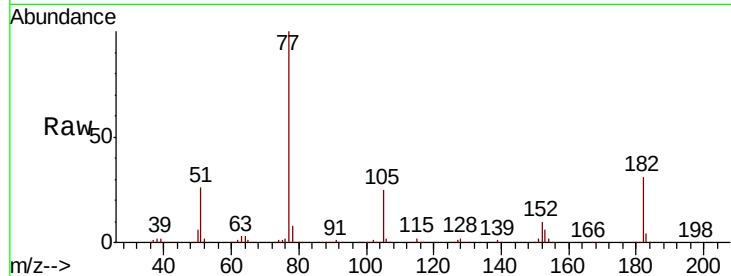
#63
Azobenzene
Concen: 44.062 ng
RT: 10.33 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.7	10.1	50.1
105	24.7	4.5	44.5
51	26.3	6.4	46.4

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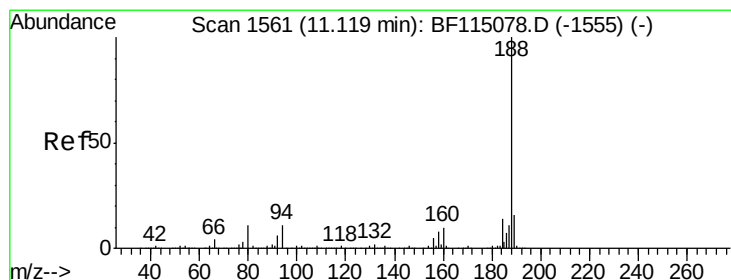
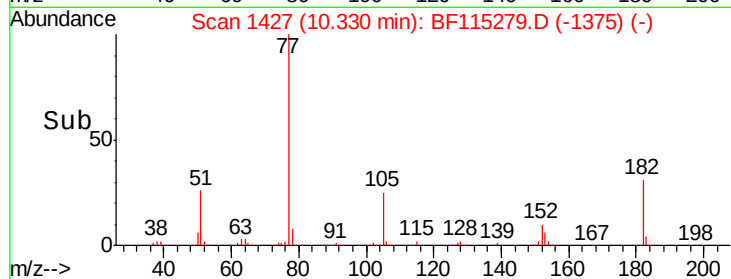
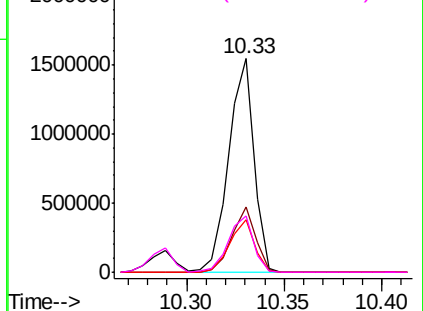
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

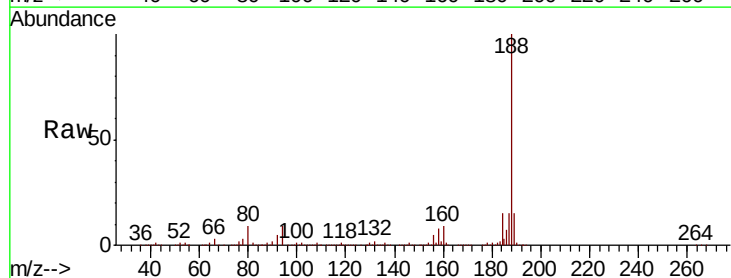
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.6	12.8
80	9.2	8.8	13.2

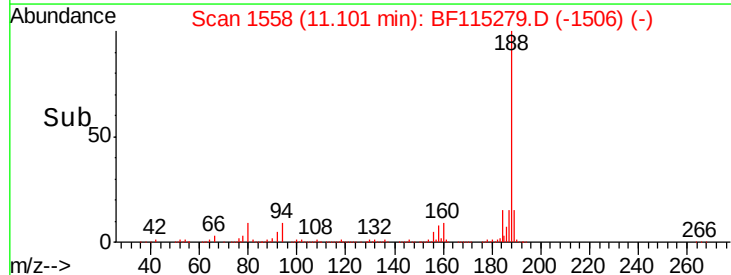
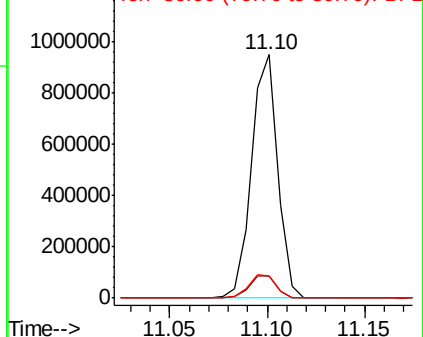


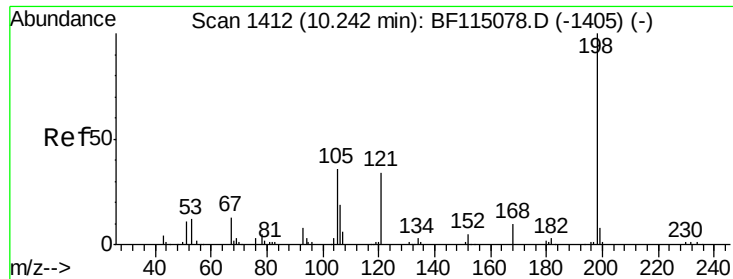
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





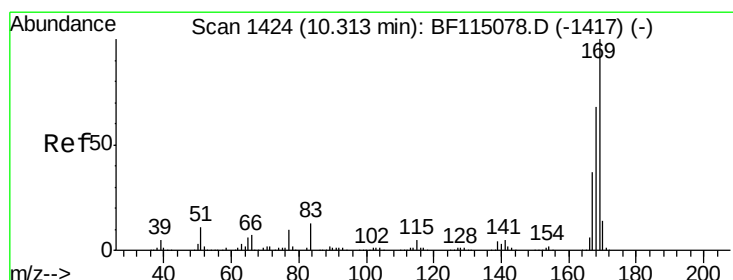
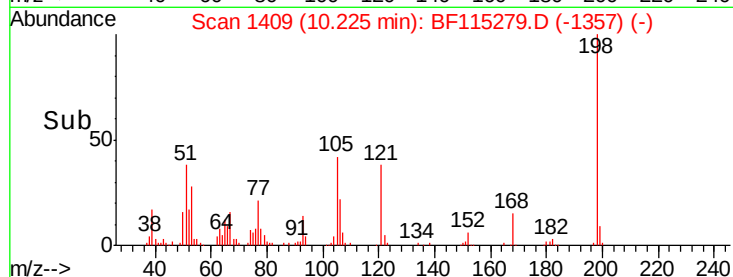
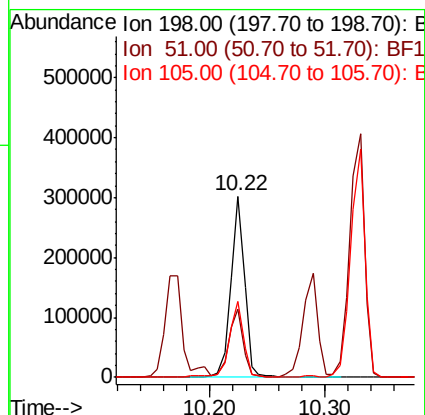
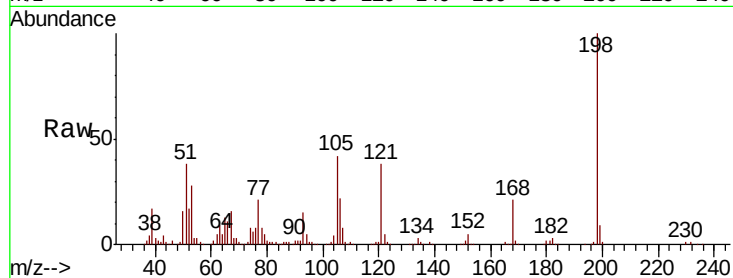
#65
4,6-Dinitro-2-methylphenol
Concen: 52.567 ng
RT: 10.22 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.7	11.0	51.0
105	41.8	17.3	57.3

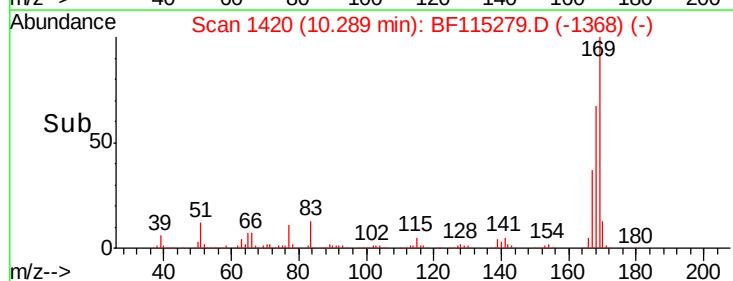
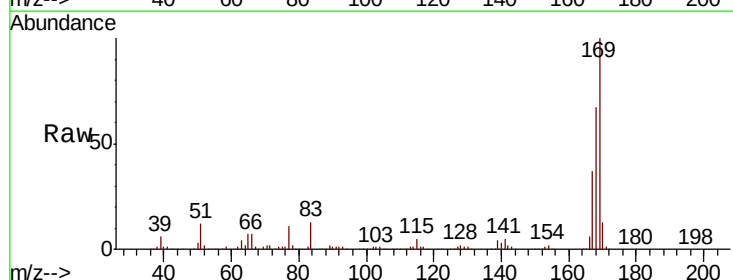
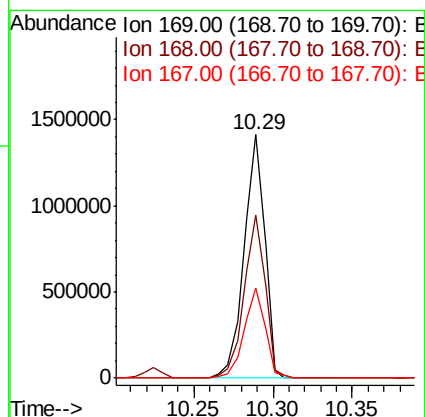
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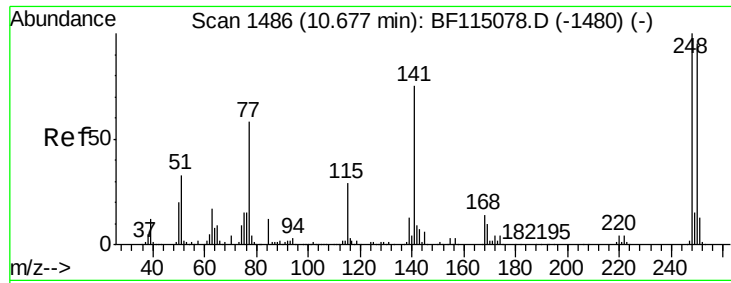
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#66
n-Nitrosodiphenylamine
Concen: 46.393 ng
RT: 10.29 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.2	81.4
167	37.1	29.4	44.0





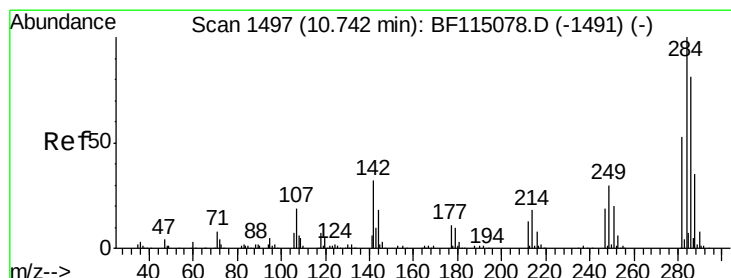
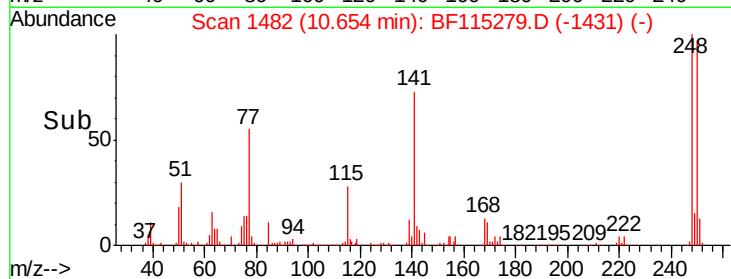
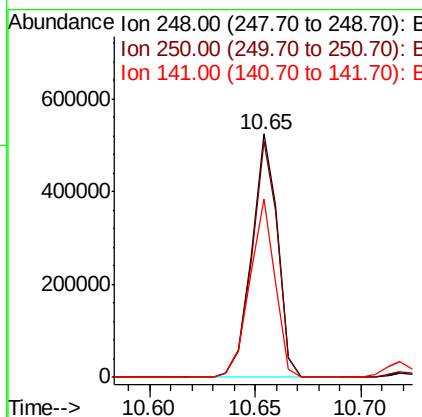
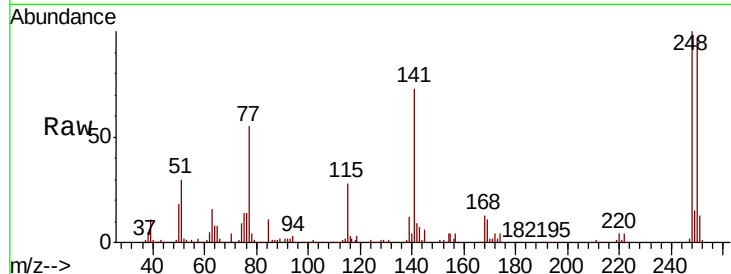
#67
4-Bromophenyl-phenylether
Concen: 46.907 ng
RT: 10.65 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.2	114.2
141	73.3	59.6	89.4

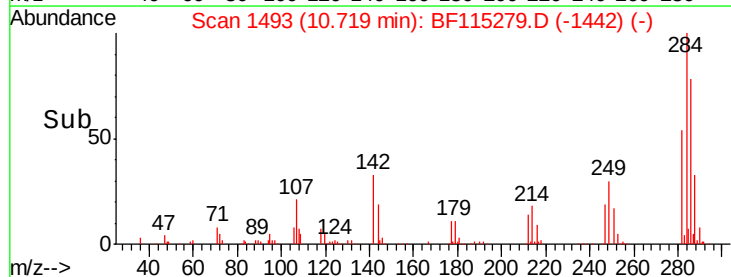
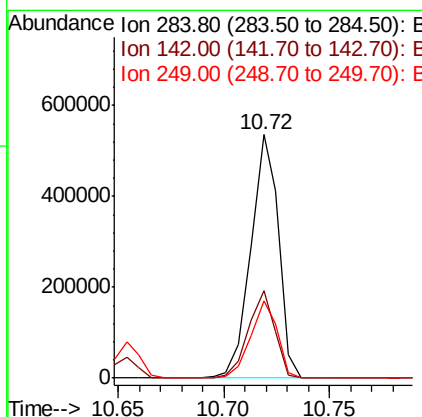
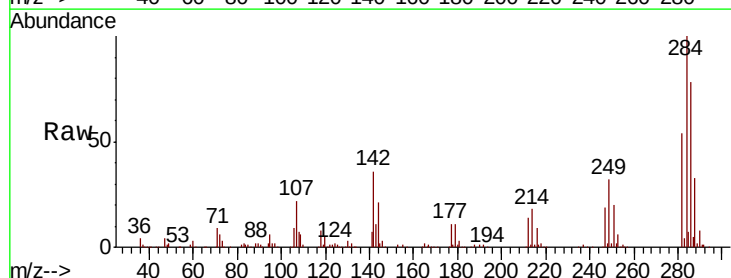
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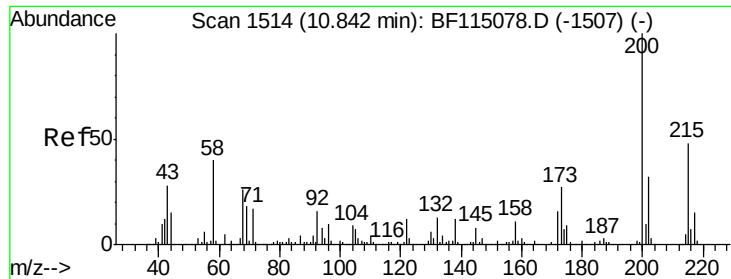
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#68
Hexachlorobenzene
Concen: 47.080 ng
RT: 10.72 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.9	25.8	38.8
249	31.5	24.2	36.4





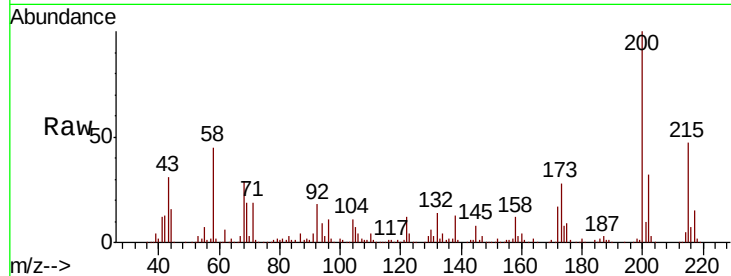
#69
 Atrazine
 Concen: 47.898 ng
 RT: 10.82 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF115279.D
 Acq: 28 Jun 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120920BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	422594		
173	28.0	7.4	47.4	
215	47.3	27.8	67.8	

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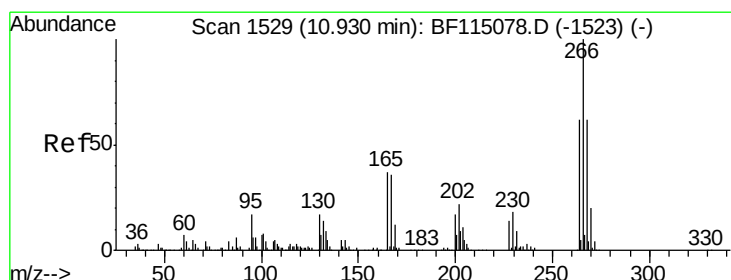
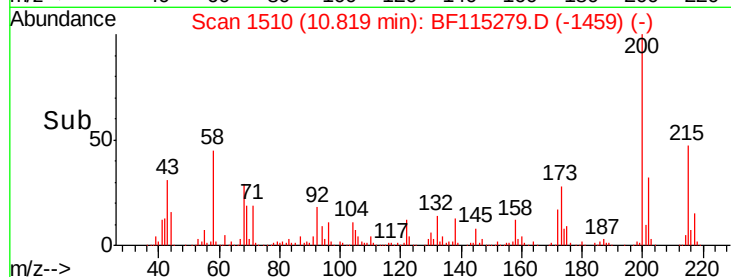
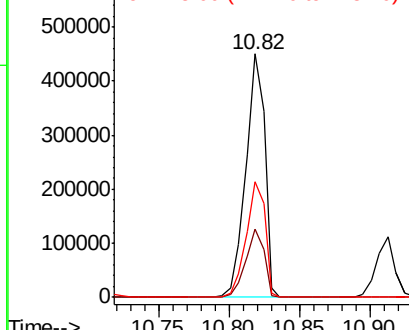


Abundance

Ion 200.00 (199.70 to 200.70): E

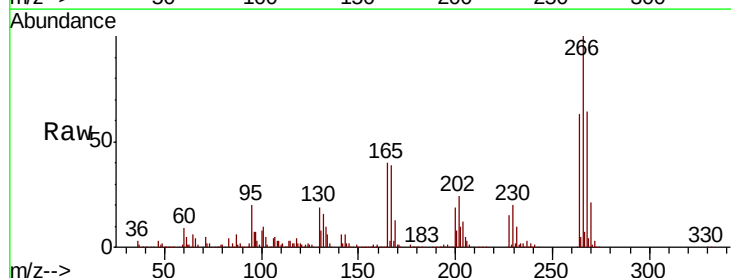
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 89.926 ng
 RT: 10.91 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF115279.D
 Acq: 28 Jun 2019 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	593533		
268	64.3	49.5	74.3	
264	62.9	49.3	73.9	

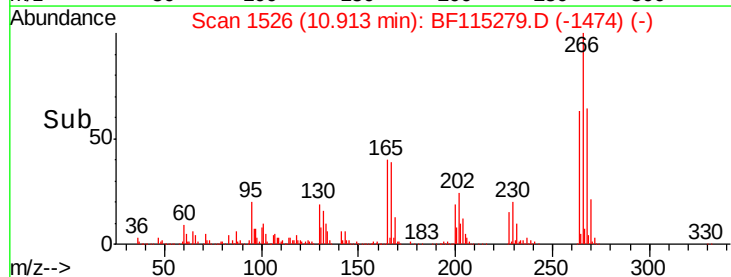
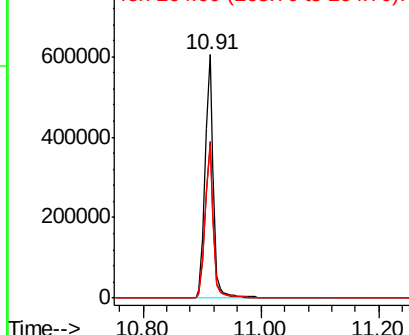


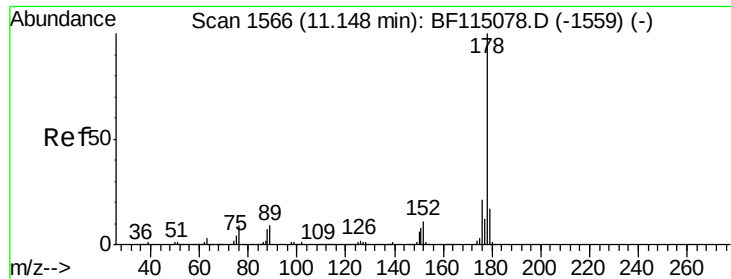
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.892 ng

RT: 11.12 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

Instrument :

BNA_F

ClientSampleId :

PB120920BS

Tot Ion:178 Resp: 2080438

Ion Ratio Lower Upper

178 100

176 21.3 16.9 25.3

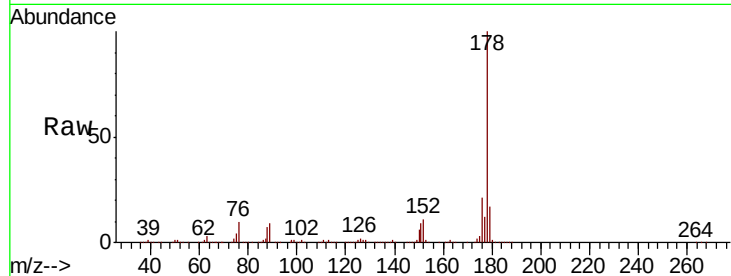
179 16.7 13.2 19.8

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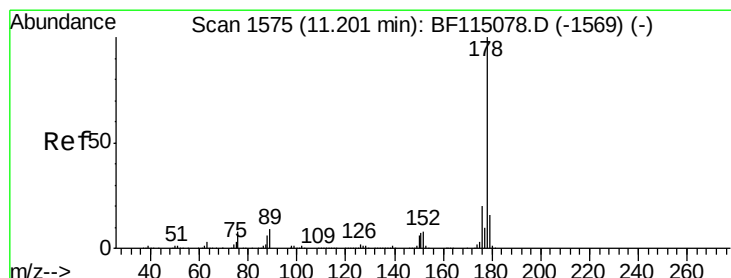
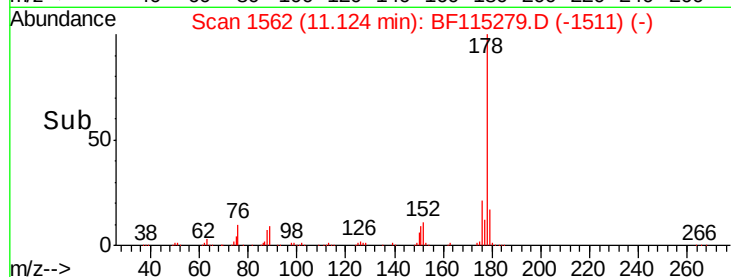
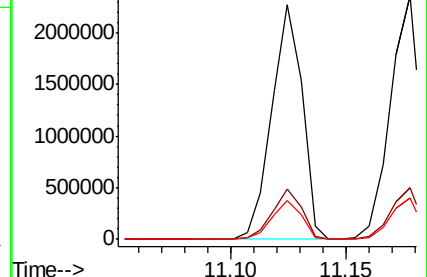
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.231 ng

RT: 11.18 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

Tgt Ion:178 Resp: 2116304

Ion Ratio Lower Upper

178 100

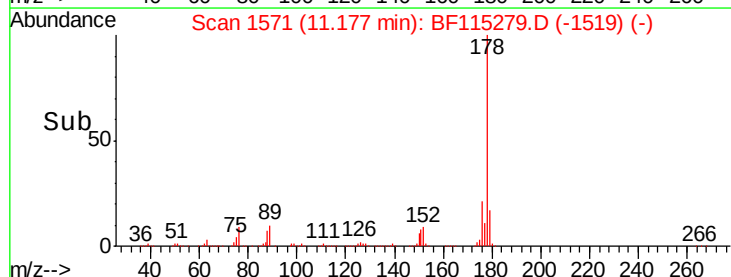
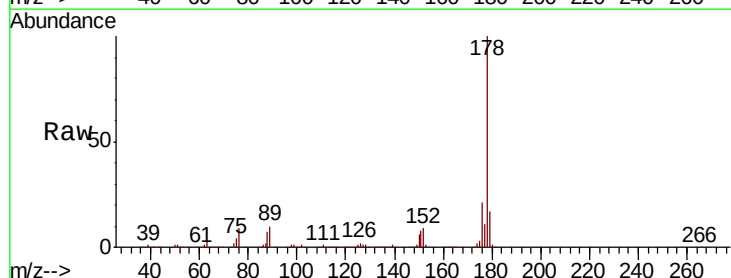
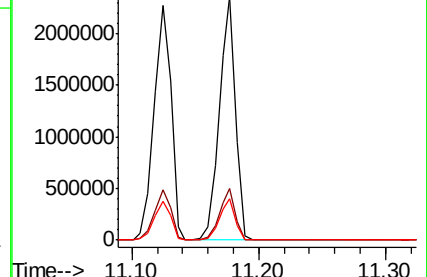
176 21.0 16.1 24.1

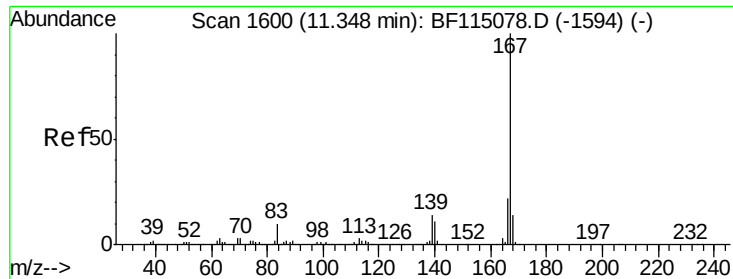
179 16.9 12.9 19.3

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: 45.120 ng
 RT: 11.33 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF115279.D
 Acq: 28 Jun 2019 14:14

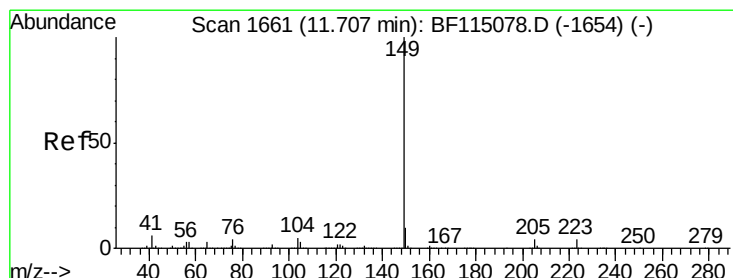
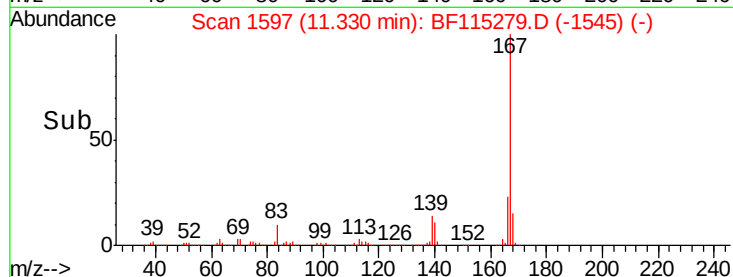
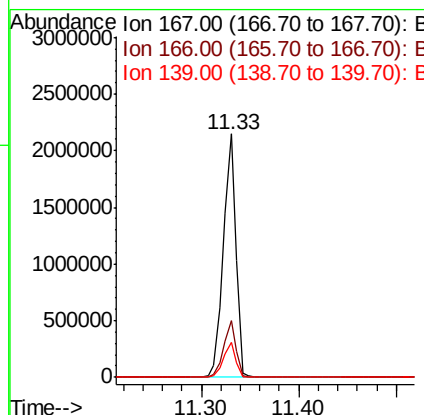
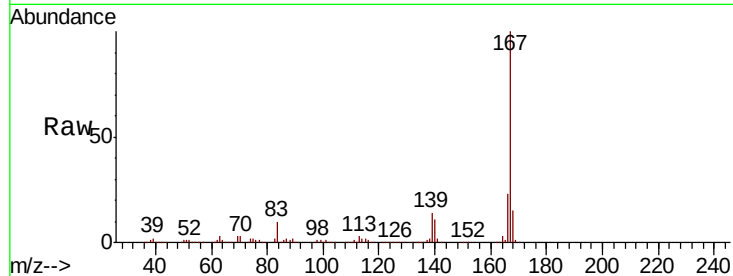
Instrument :
 BNA_F
 ClientSampleId :
 PB120920BS

Tot Ion:167 Resp: 1927748

Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.0	27.0
139	14.4	11.1	16.7

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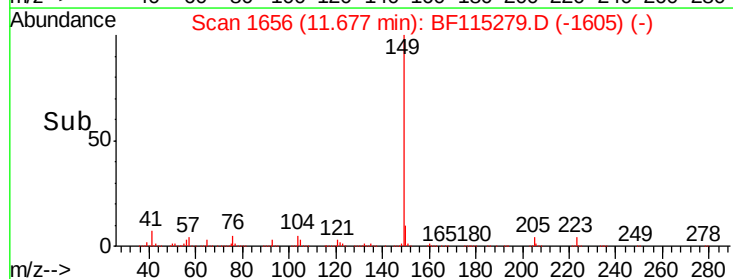
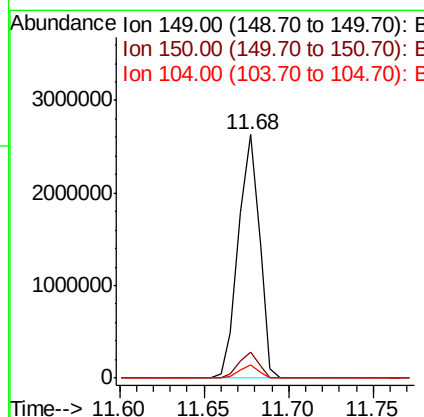
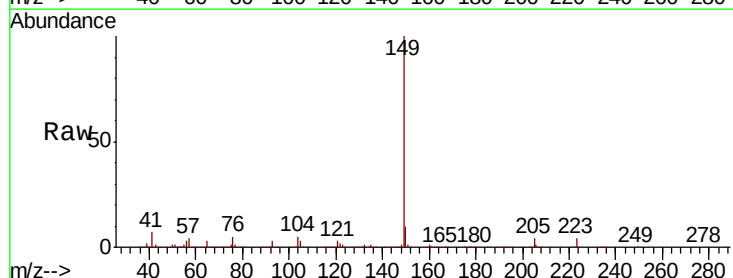
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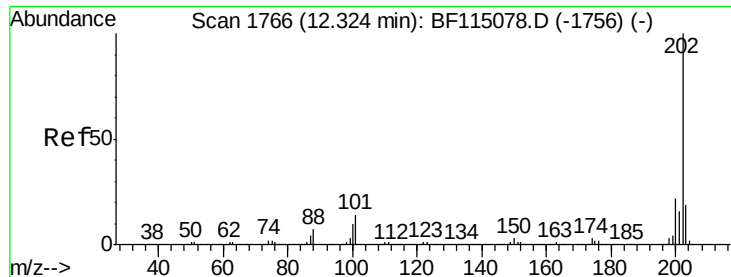


#74
 Di-n-butylphthalate
 Concen: 46.411 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF115279.D
 Acq: 28 Jun 2019 14:14

Tgt Ion:149 Resp: 2291378

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.8
104	5.2	3.7	5.5





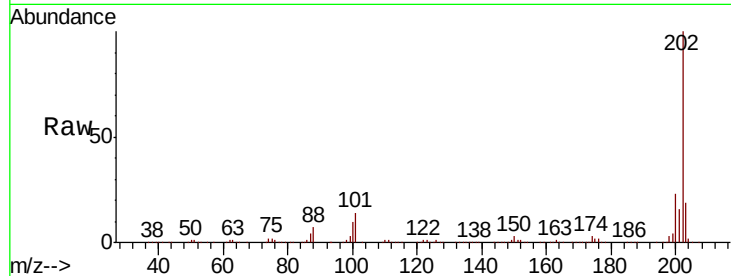
#75
Fluoranthene
Concen: 45.642 ng
RT: 12.30 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

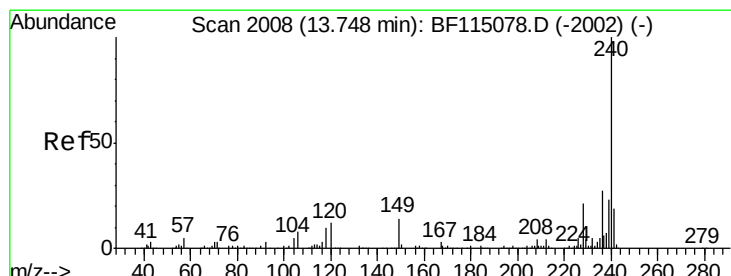
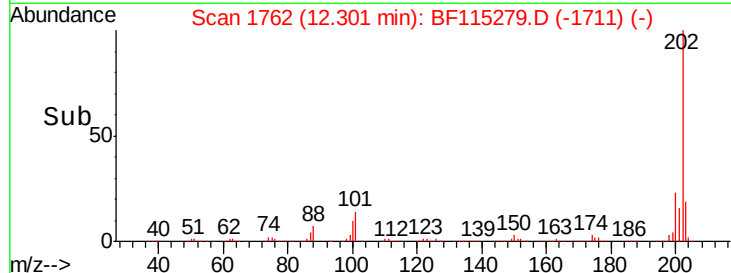
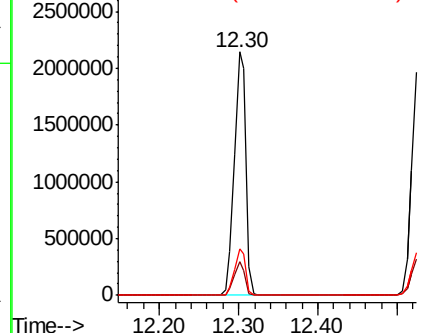
Tot Ion:	202	Resp:	2158529
Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.0
203	18.9	0.0	38.8

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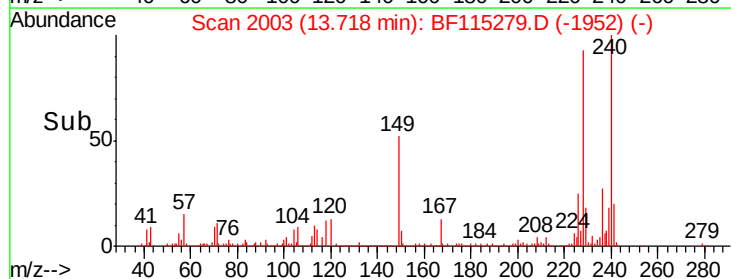
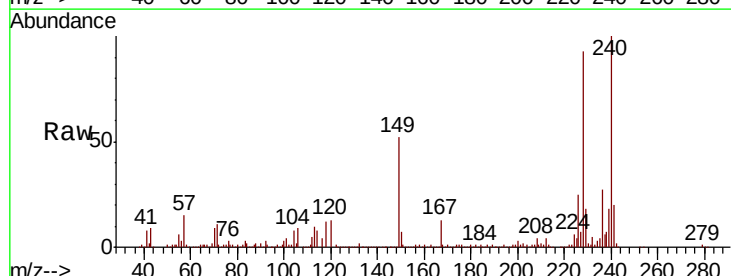
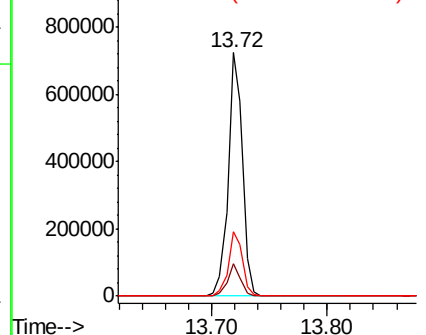
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

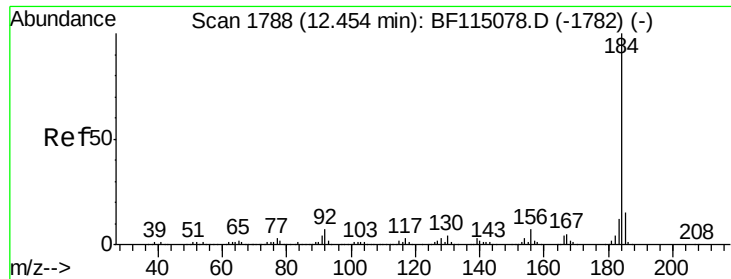


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion:	240	Resp:	619329
Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.4	14.2
236	26.7	21.7	32.5

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: 26.303 ng

RT: 12.42 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

Instrument :

BNA_F

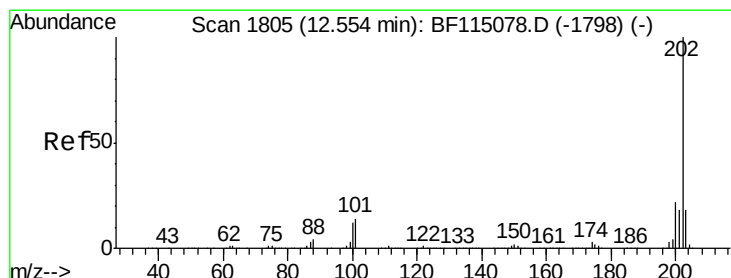
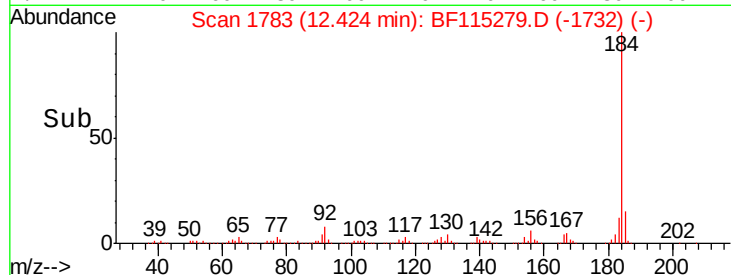
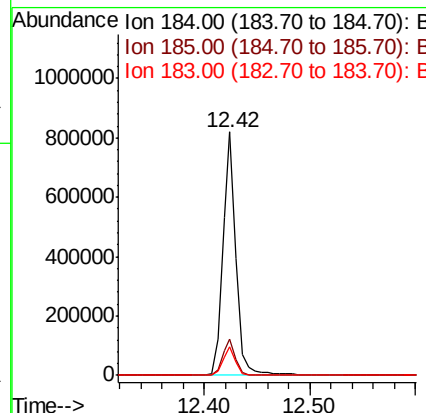
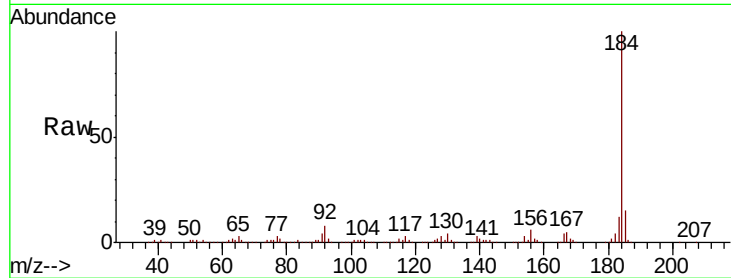
ClientSampleId :

PB120920BS

Tot Ion:	184	Resp:	723349
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.2	18.2
183	11.7	9.6	14.4

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#78

Pyrene

Concen: 45.997 ng

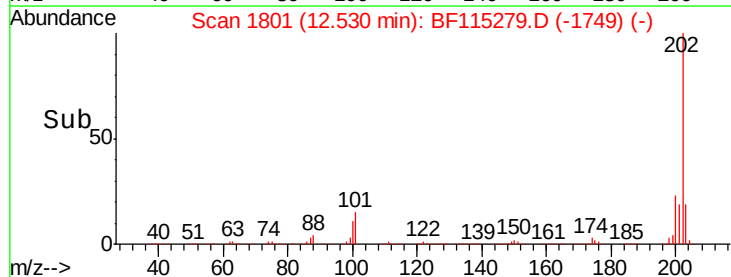
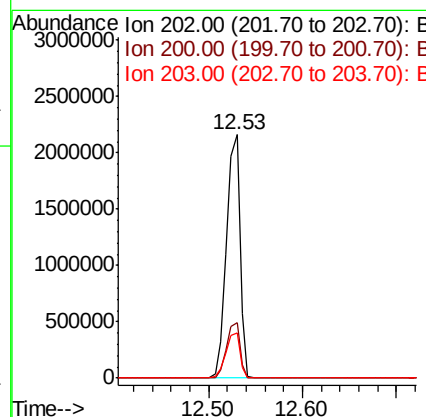
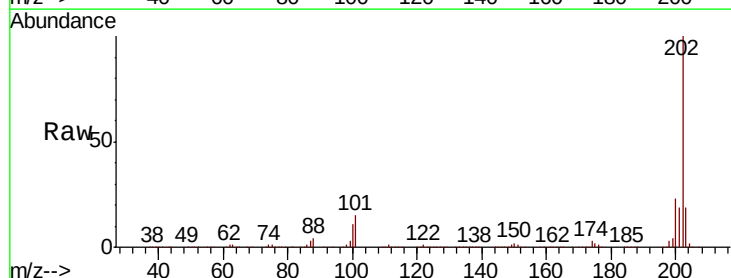
RT: 12.53 min Scan# 1801

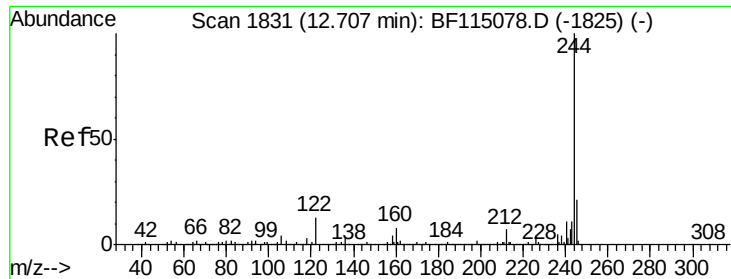
Delta R.T. 0.01 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

Tgt Ion:	202	Resp:	2189273
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.9	26.9
203	18.7	14.6	21.8





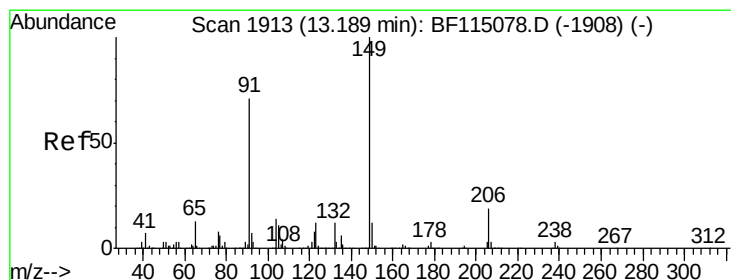
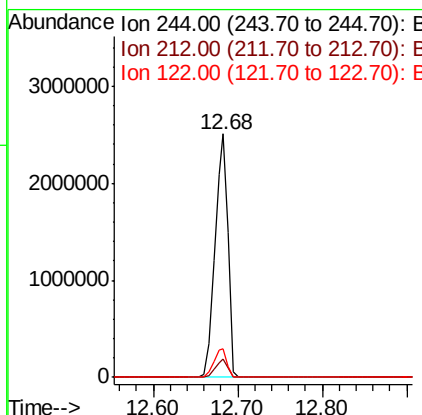
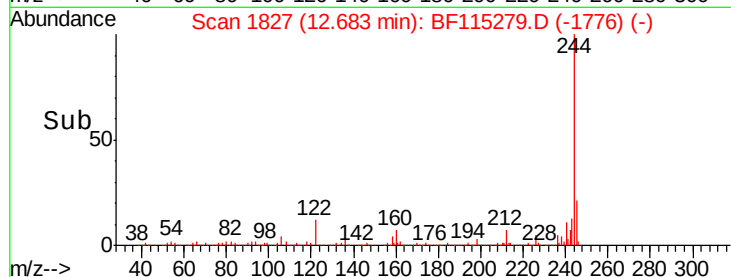
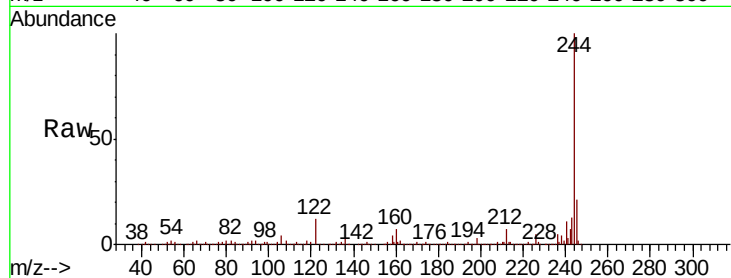
#79
Terphenyl-d14
Concen: 94.059 ng
RT: 12.68 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

Tot Ion:244 Resp: 2739862
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 11.9 10.4 15.6

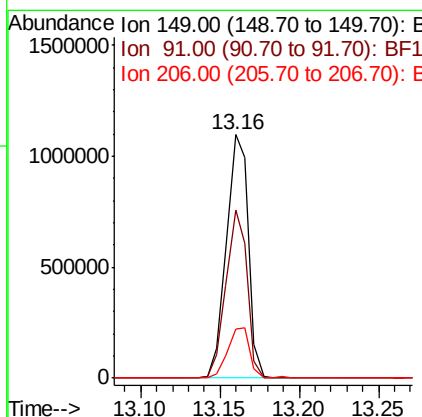
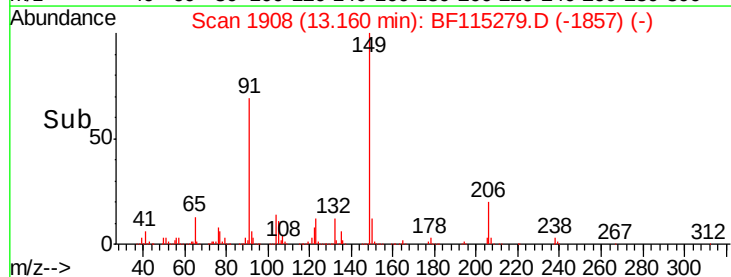
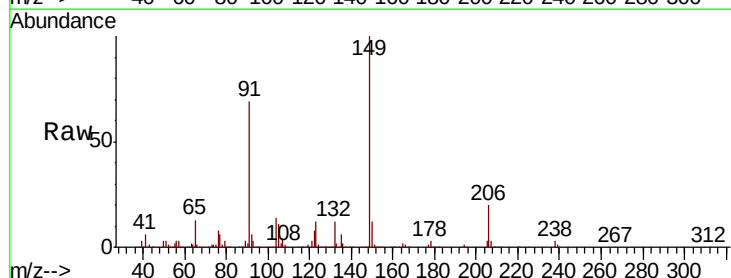
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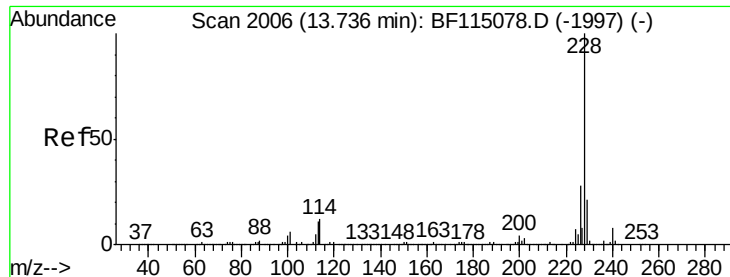
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#80
Butylbenzylphthalate
Concen: 49.925 ng
RT: 13.16 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion:149 Resp: 1048650
Ion Ratio Lower Upper
149 100
91 69.0 56.5 84.7
206 20.2 15.3 22.9





#81

Benzo(a)anthracene

Concen: 45.132 ng

RT: 13.71 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

Instrument :

BNA_F

ClientSampleId :

PB120920BS

Tot Ion:228 Resp: 2005637

Ion Ratio Lower Upper

228 100

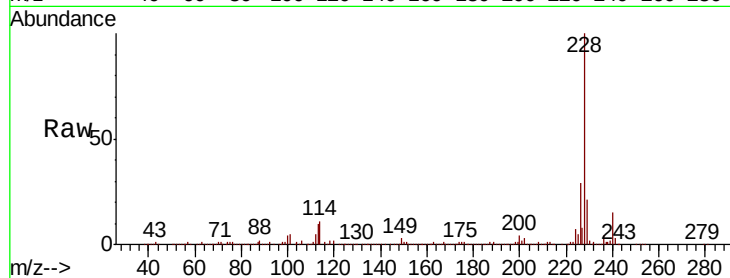
226 28.6 22.5 33.7

229 20.6 16.6 24.8

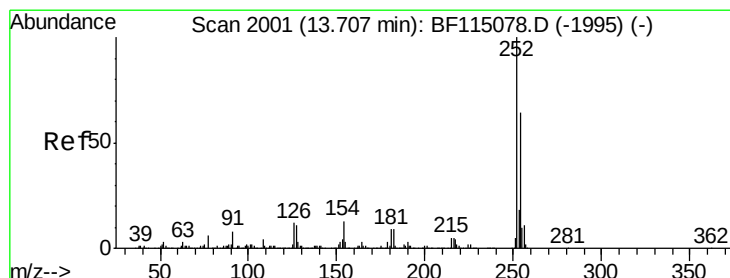
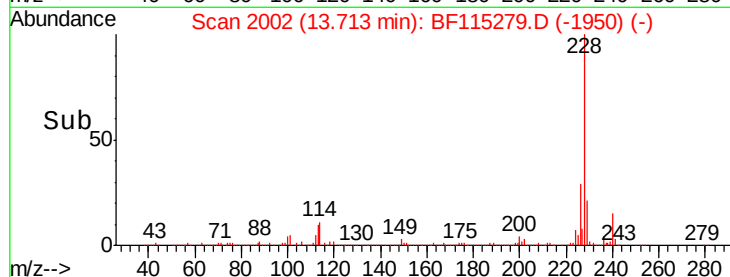
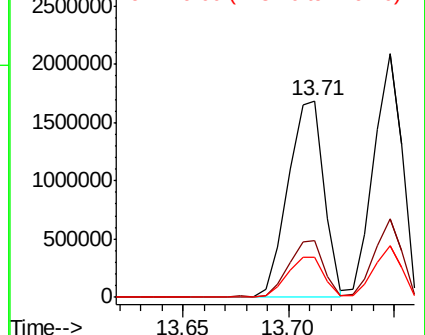
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.094 ng

RT: 13.68 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

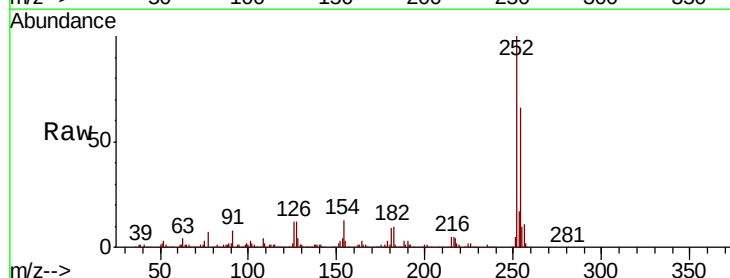
Tgt Ion:252 Resp: 515029

Ion Ratio Lower Upper

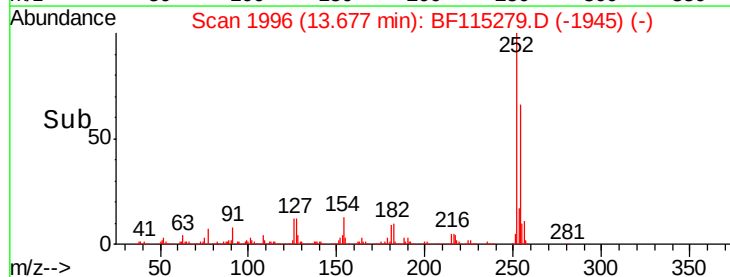
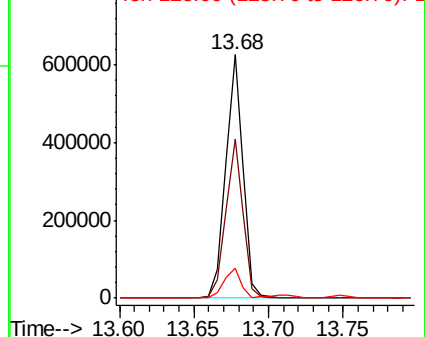
252 100

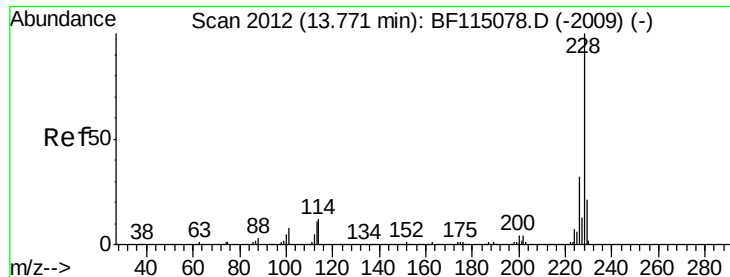
254 65.6 51.1 76.7

126 12.2 9.4 14.0



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





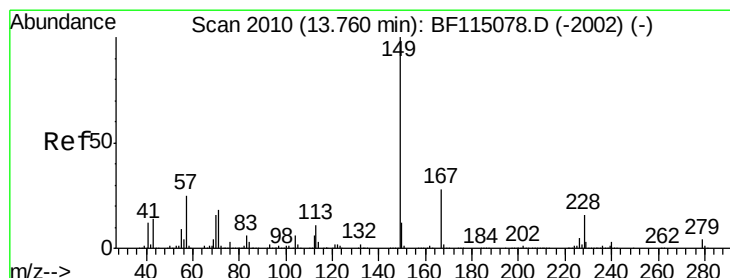
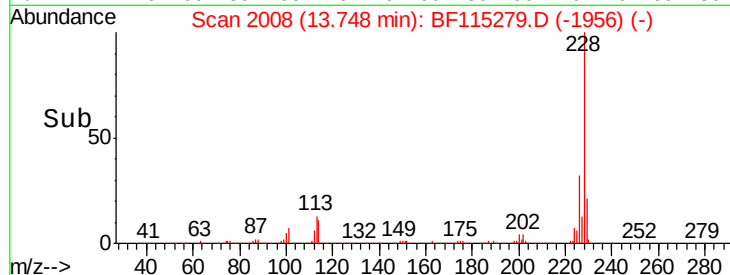
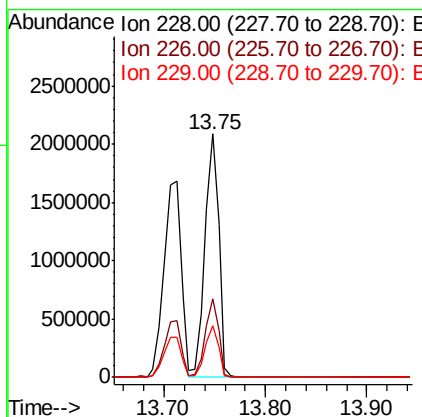
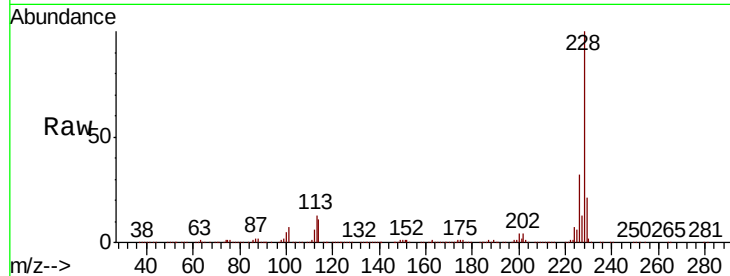
#83
 Chrysene
 Concen: 48.203 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF115279.D
 Acq: 28 Jun 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120920BS

Tot Ion:228 Resp: 1962207
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.4 38.0
 229 21.4 16.5 24.7

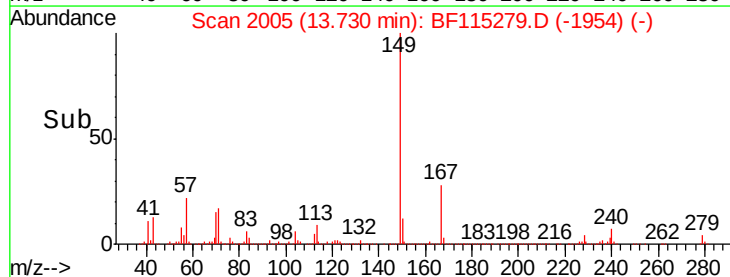
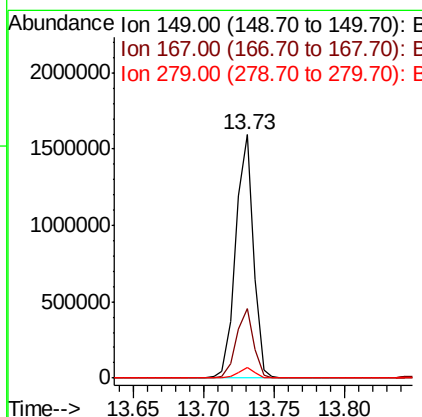
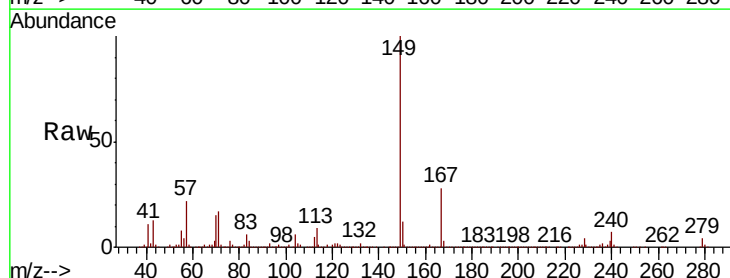
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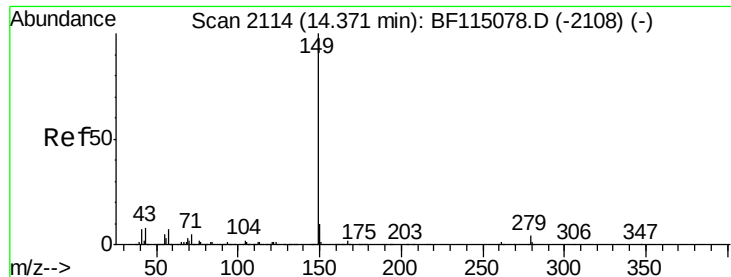
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.465 ng
 RT: 13.73 min Scan# 2005
 Delta R.T. 0.00 min
 Lab File: BF115279.D
 Acq: 28 Jun 2019 14:14

Tgt Ion:149 Resp: 1388938
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.2 33.4
 279 4.4 2.9 4.3#





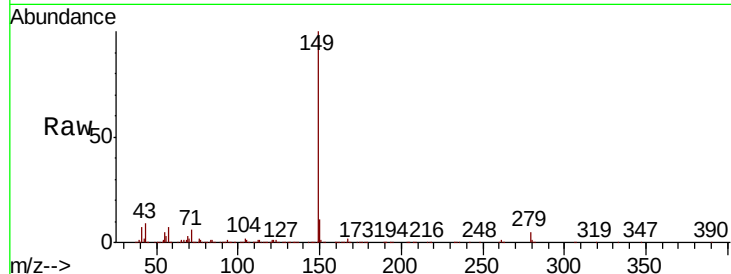
#85
Di-n-octyl phthalate
Concen: 51.427 ng
RT: 14.34 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

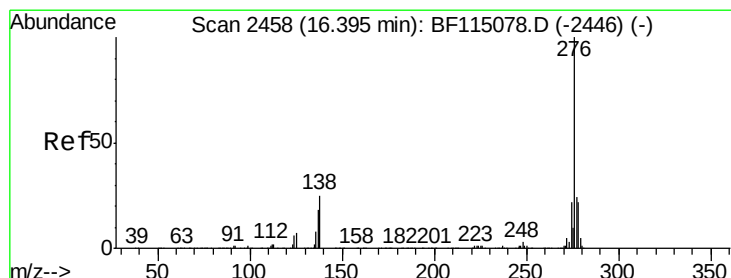
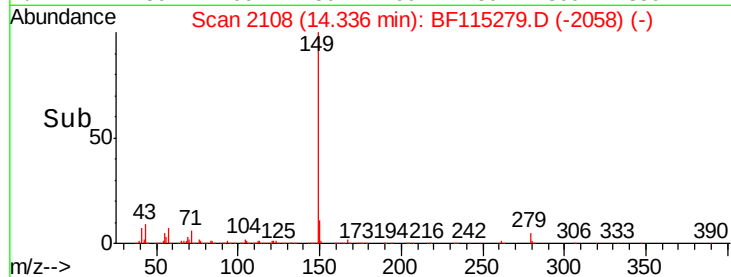
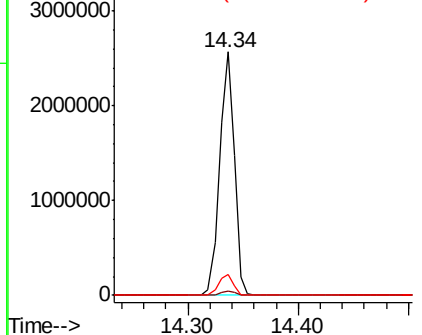
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.6	7.0	10.6

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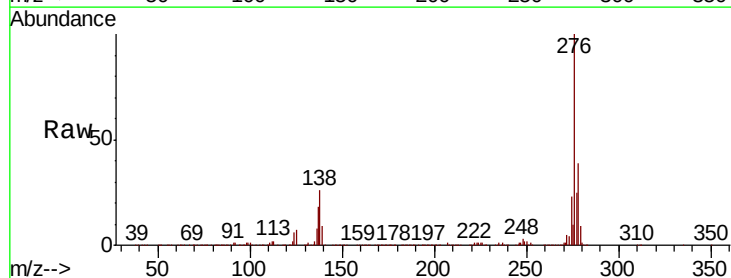


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

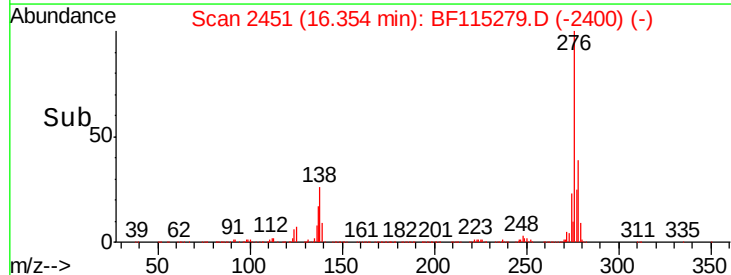
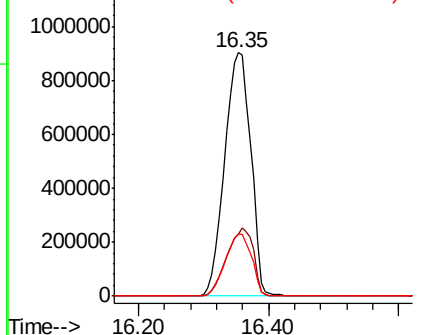


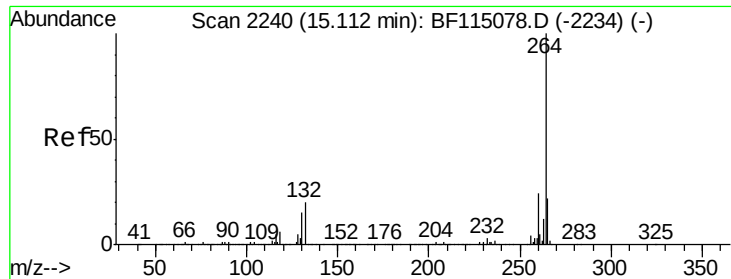
#86
Indeno(1,2,3-cd)pyrene
Concen: 52.176 ng
RT: 16.35 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	23.2	34.8
277	25.7	20.1	30.1



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: 15.08 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

Instrument :

BNA_F

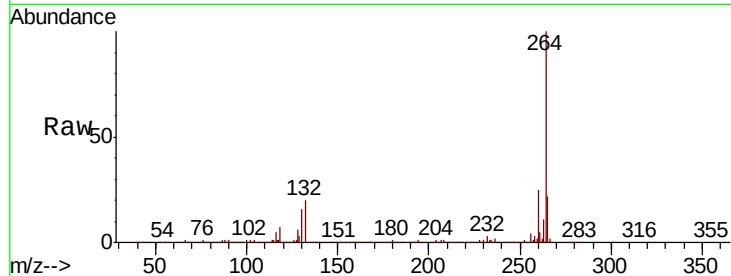
ClientSampleId :

PB120920BS

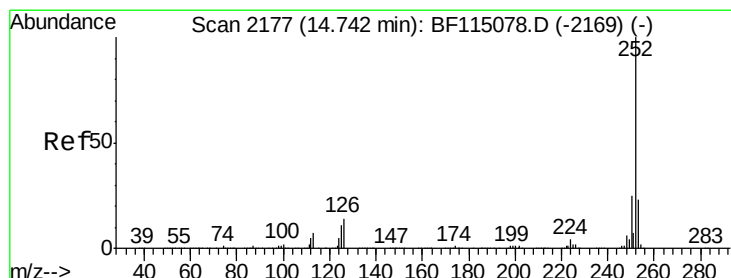
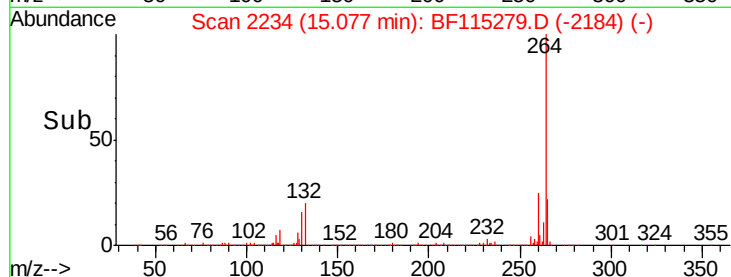
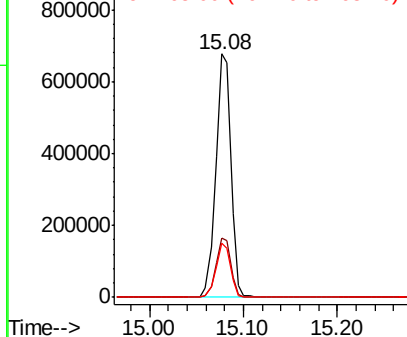
Tot Ion:	264	Resp:	767536
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.6	29.4
265	22.0	17.3	25.9

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.600 ng

RT: 14.71 min Scan# 2172

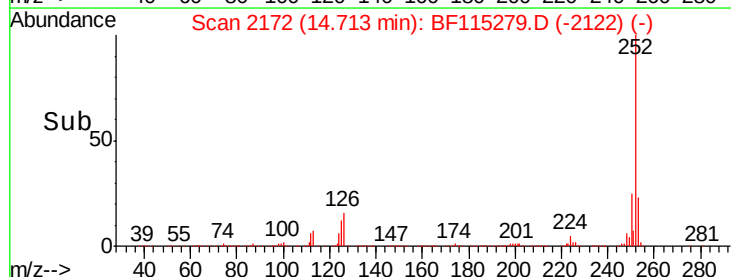
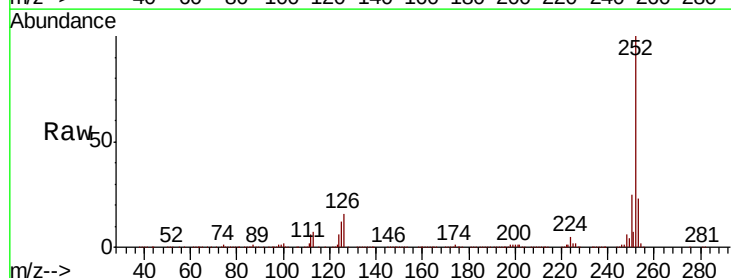
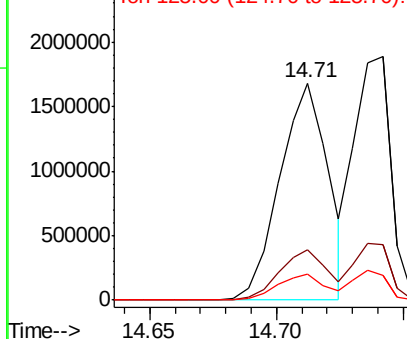
Delta R.T. -0.01 min

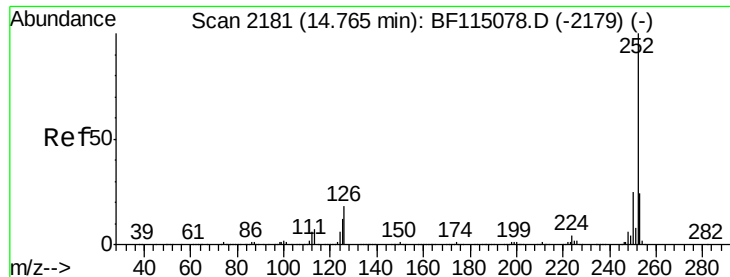
Lab File: BF115279.D

Acq: 28 Jun 2019 14:14

Tgt Ion:	252	Resp:	2231767
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.1	27.1
125	11.7	8.7	13.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





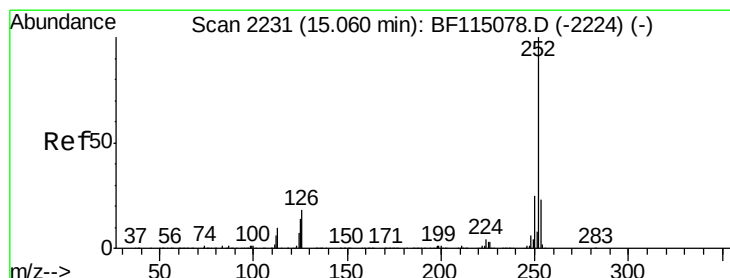
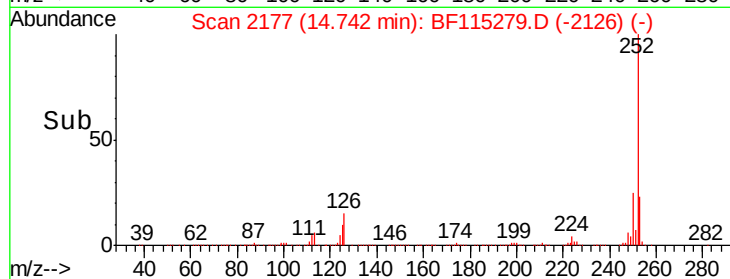
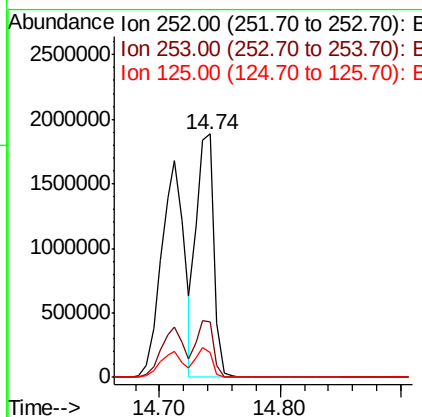
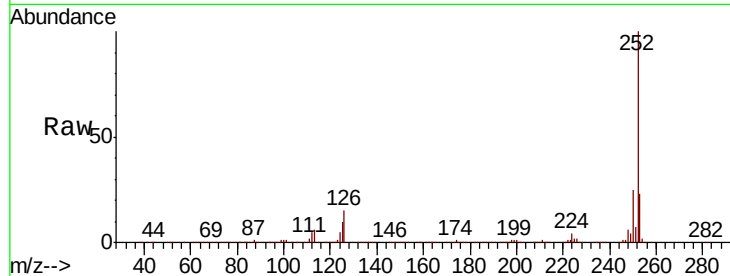
#89
Benzo(k)fluoranthene
Concen: 44.388 ng
RT: 14.74 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.9	28.3
125	10.3	10.2	15.2

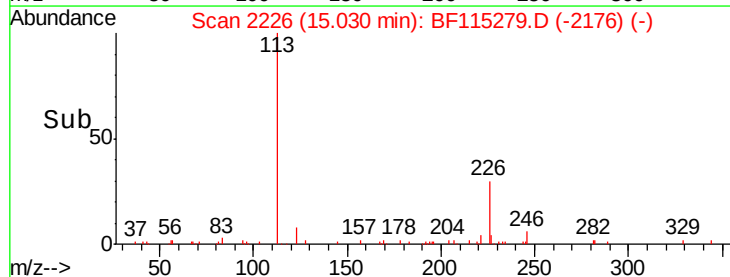
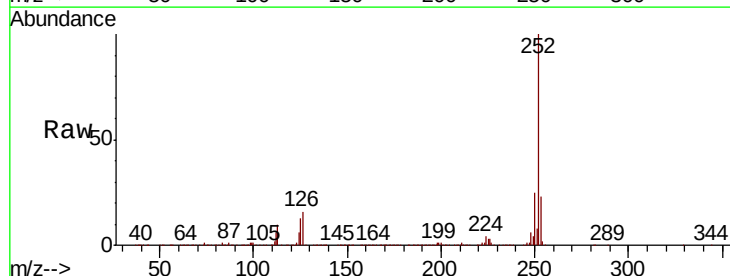
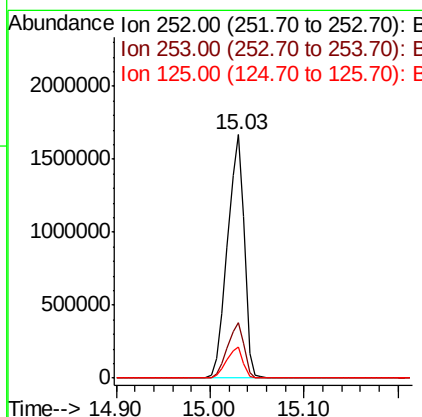
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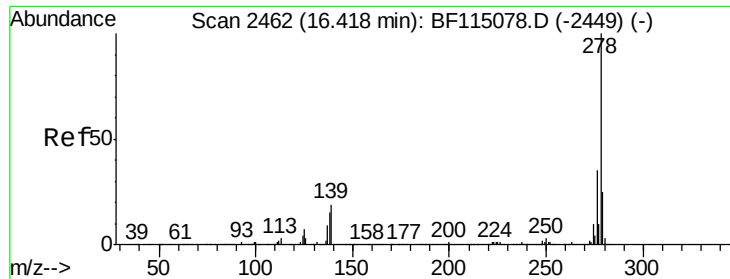
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#90
Benzo(a)pyrene
Concen: 48.347 ng
RT: 15.03 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	12.6	10.9	16.3





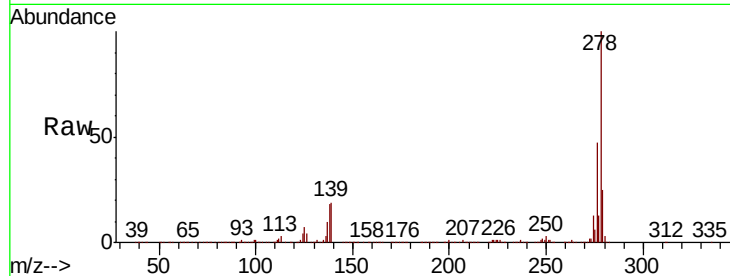
#91
Dibenzo(a,h)anthracene
Concen: 50.880 ng
RT: 16.37 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB120920BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.3	15.4	23.2
279	24.5	19.9	29.9

Manual Integrations
APPROVED

mohammad
7/1/2019 3:05:44 PM

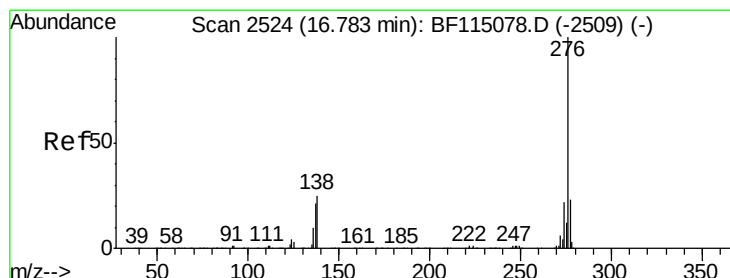
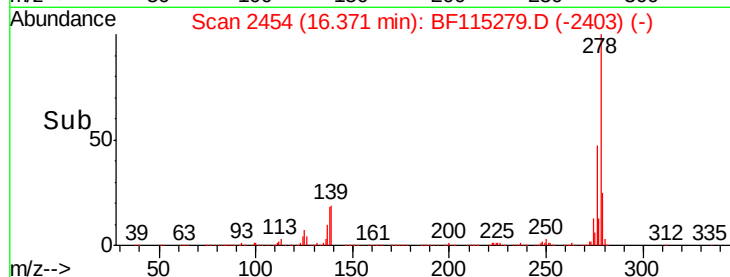
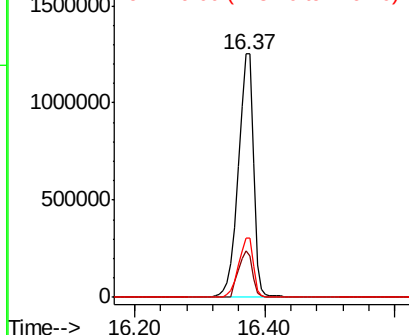


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.641 ng
RT: 16.74 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BF115279.D
Acq: 28 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	25.5	19.8	29.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

