

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
 Data File : BF115316.D
 Acq On : 29 Jun 2019 12:11
 Operator : HP/JU
 Sample : K3555-22MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

Manual Integrations
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mohammad
 7/1/2019 5:58:59 PM

Quant Time: Jul 01 08:33:14 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	175634	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	687689	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	347531	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	704655	20.00	ng	0.00
76) Chrysene-d12	13.72	240	564820	20.00	ng	0.00
87) Perylene-d12	15.08	264	698461	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1188094	104.39	ng	0.00
7) Phenol-d6	6.24	99	1542509	111.66	ng	0.00
23) Nitrobenzene-d5	7.16	82	900430	80.55	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	459395	125.35	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	1693591	82.78	ng	0.00
79) Terphenyl-d14	12.68	244	2055807	77.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	152535	28.398	ng	98
3) Pyridine	2.81	79	290318	19.176	ng	99
4) n-Nitrosodimethylamine	2.74	42	181590	30.596	ng	96
6) Aniline	6.25	93	376287	19.819	ng	# 1
8) 2-Chlorophenol	6.38	128	457753	35.768	ng	98
9) Benzaldehyde	6.14	77	274869	30.499	ng	99
10) Phenol	6.25	94	549653	33.968	ng	96
11) bis(2-Chloroethyl)ether	6.34	93	410230	34.392	ng	98
12) 1,3-Dichlorobenzene	6.54	146	477566	33.624	ng	98
13) 1,4-Dichlorobenzene	6.62	146	489710	34.384	ng	99
14) 1,2-Dichlorobenzene	6.77	146	462475	35.064	ng	98
15) Benzyl Alcohol	6.74	79	351035	34.897	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	572145	33.072	ng	98
17) 2-Methylphenol	6.87	107	377267	35.714	ng	100
18) Hexachloroethane	7.11	117	166964	32.517	ng	99
19) n-Nitroso-di-n-propylamine	7.02	70	287762	32.537	ng	98
20) 3+4-Methylphenols	7.02	107	451619	37.025	ng	# 78
22) Acetophenone	7.01	105	604217	38.379	ng	95
24) Nitrobenzene	7.18	77	449163	36.470	ng	99
25) Isophorone	7.42	82	815121	35.593	ng	99
26) 2-Nitrophenol	7.50	139	251469	41.346	ng	97
27) 2,4-Dimethylphenol	7.54	122	403162	40.485	ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	521019	35.996	ng	99
29) 2,4-Dichlorophenol	7.74	162	394219	38.360	ng	99
30) 1,2,4-Trichlorobenzene	7.82	180	414245	36.493	ng	99
31) Naphthalene	7.90	128	1278738	37.881	ng	99
32) Benzoic acid	7.62	122	90758m	12.768	ng	
33) 4-Chloroaniline	7.95	127	270027	17.503	ng	99
34) Hexachlorobutadiene	8.03	225	220542	35.453	ng	100
35) Caprolactam	8.31	113	130638m	37.810	ng	
36) 4-Chloro-3-methylphenol	8.44	107	399279	38.364	ng	95
37) 2-Methylnaphthalene	8.59	142	869537	38.203	ng	99
38) 1-Methylnaphthalene	8.69	142	816873	37.578	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	371798	37.859	ng	99

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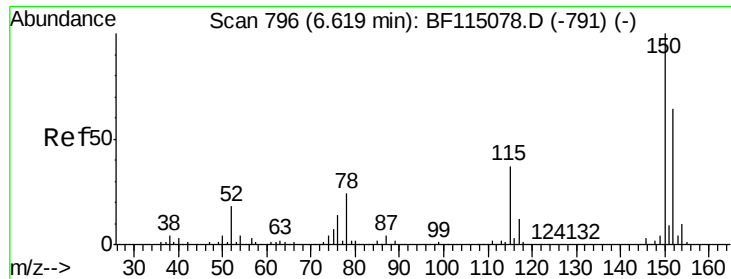
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	420155	72.151	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	280542	37.002	ng	99
44) 2,4,5-Trichlorophenol	8.91	196	306138	39.209	ng	99
46) 1,1'-Biphenyl	9.05	154	1044897	37.576	ng	99
47) 2-Chloronaphthalene	9.08	162	828768	36.743	ng	100
48) 2-Nitroaniline	9.17	65	246710	37.516	ng	86
49) Acenaphthylene	9.49	152	1315084	37.421	ng	99
50) Dimethylphthalate	9.36	163	1236817	48.372	ng	100
51) 2,6-Dinitrotoluene	9.41	165	228666	38.737	ng	98
52) Acenaphthene	9.66	154	754423m	34.306	ng	
53) 3-Nitroaniline	9.58	138	185695	25.778	ng	93
54) 2,4-Dinitrophenol	9.68	184	143190	50.157	ng	98
55) Dibenzofuran	9.83	168	1158408	36.702	ng	98
56) 4-Nitrophenol	9.75	139	429765	74.417	ng	95
57) 2,4-Dinitrotoluene	9.81	165	304209	39.912	ng	94
58) Fluorene	10.17	166	837601	38.977	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	258206	39.438	ng	96
60) Diethylphthalate	10.06	149	967644	37.649	ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	404799	39.740	ng	97
62) 4-Nitroaniline	10.18	138	273100	37.791	ng	98
63) Azobenzene	10.32	77	876814	36.524	ng	96
65) 4,6-Dinitro-2-methylphenol	10.22	198	135338	37.326	ng	89
66) n-Nitrosodiphenylamine	10.28	169	810516	36.920	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	279073	36.528	ng	95
68) Hexachlorobenzene	10.72	284	304674	36.740	ng	98
69) Atrazine	10.81	200	270405	38.290	ng	100
70) Pentachlorophenol	10.91	266	351981	66.625	ng	97
71) Phenanthrene	11.12	178	1362807	35.920	ng	99
72) Anthracene	11.17	178	1428021	37.288	ng	100
73) Carbazole	11.33	167	1324863	38.741	ng	99
74) Di-n-butylphthalate	11.68	149	1530428	38.727	ng	100
75) Fluoranthene	12.30	202	1457467	38.502	ng	99
77) Benzidine	12.42	184	224805	8.963	ng	97
78) Pyrene	12.52	202	1507085	34.720	ng	99
80) Butylbenzylphthalate	13.16	149	694560	36.258	ng	97
81) Benzo(a)anthracene	13.71	228	1419830	35.034	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	402599	27.509	ng	97
83) Chrysene	13.75	228	1390703	37.461	ng	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	954651	38.034	ng	100
85) Di-n-octyl phthalate	14.34	149	1619352	38.398	ng	99
86) Indeno(1,2,3-cd)pyrene	16.35	276	1709223	38.909	ng	99
88) Benzo(b)fluoranthene	14.71	252	1469424	33.716	ng	99
89) Benzo(k)fluoranthene	14.74	252	1450055	37.101	ng	98
90) Benzo(a)pyrene	15.02	252	1448983	36.888	ng	99
91) Dibenzo(a,h)anthracene	16.37	278	1408361	38.405	ng	99
92) Benzo(g,h,i)perylene	16.73	276	1439250	38.777	ng	97

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



#1

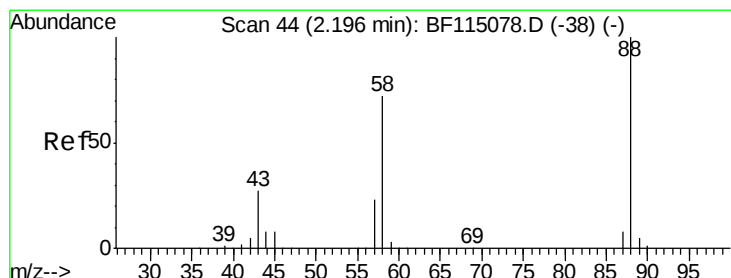
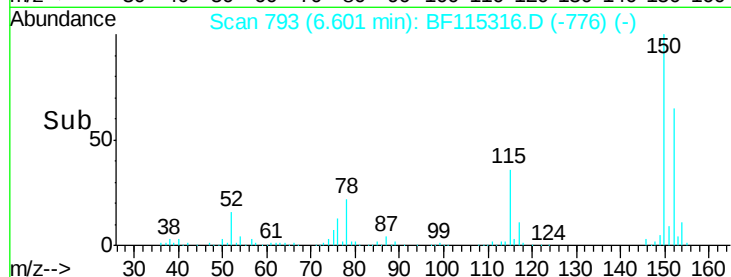
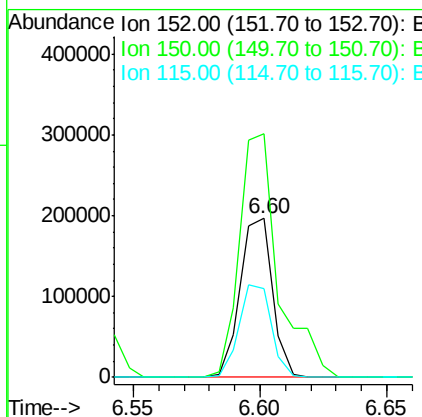
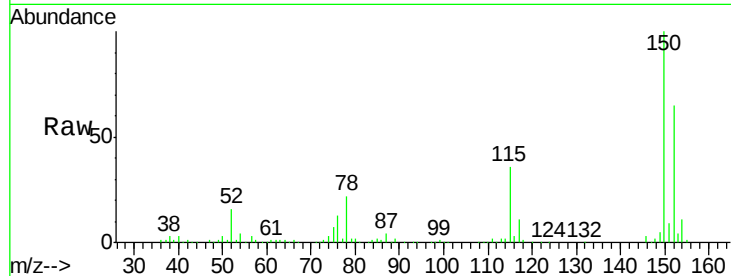
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.2	186.2
115	55.4	46.1	69.1

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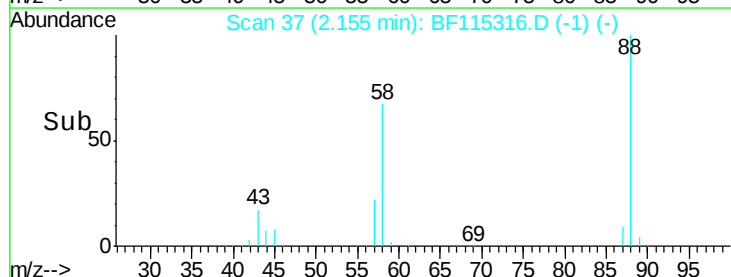
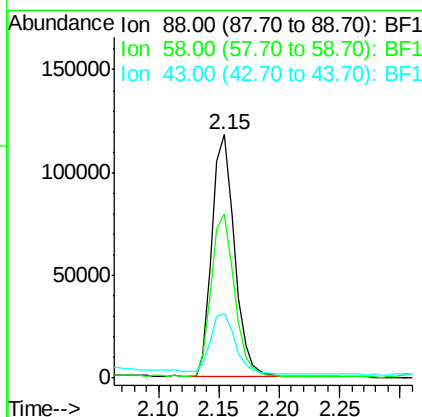
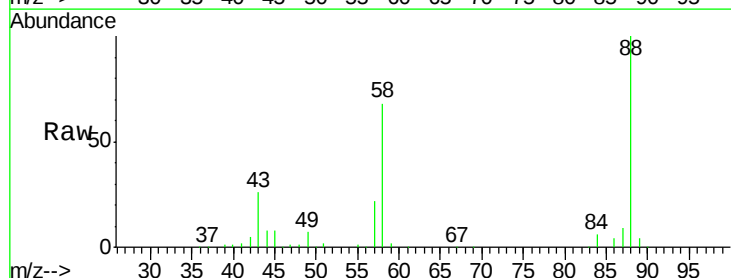
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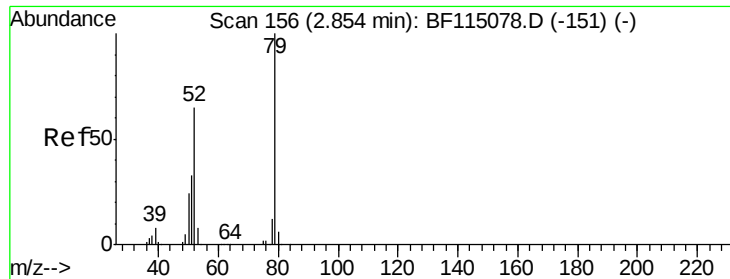


#2

1,4-Dioxane
Concen: 28.398 ng
RT: 2.15 min Scan# 37
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.6	56.1	84.1
43	28.7	21.3	31.9





#3

Pyridine

Concen: 19.176 ng

RT: 2.81 min Scan# 149

Delta R.T. 0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

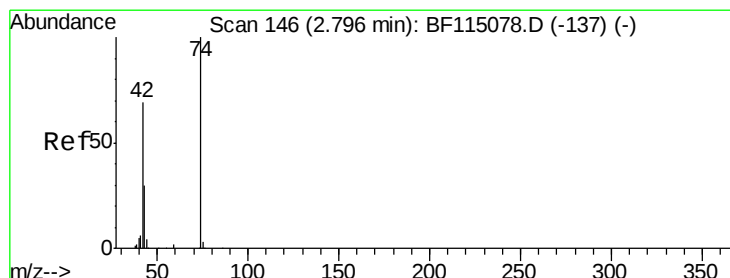
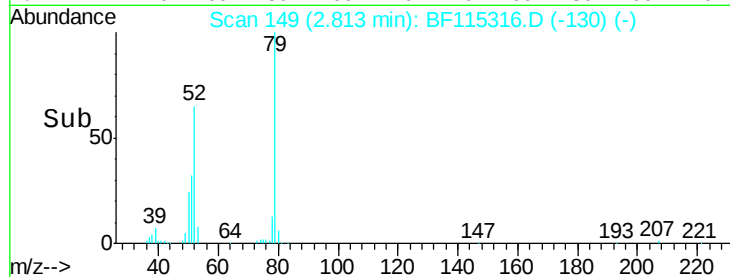
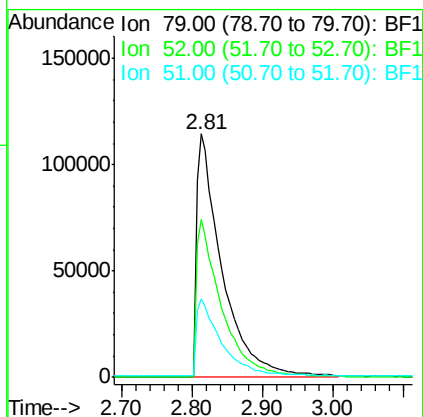
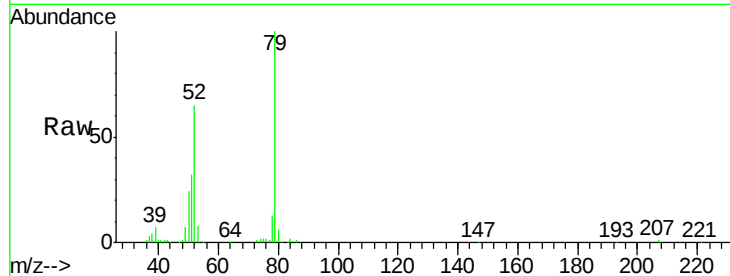
ClientSampleId :

SAMPLE-14MSD

Tgt Ion:	79	Resp:	290318
Ion Ratio	Lower	Upper	
79	100		
52	65.0	52.3	78.5
51	32.2	26.1	39.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 30.596 ng

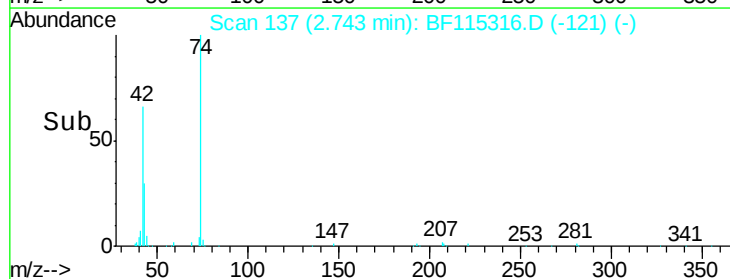
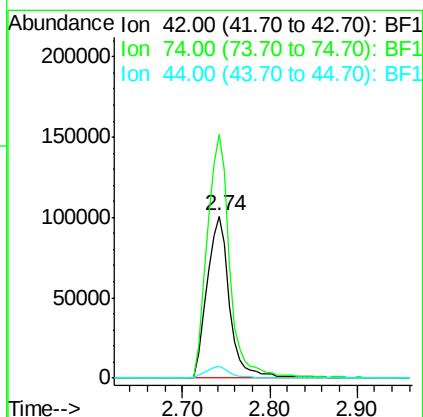
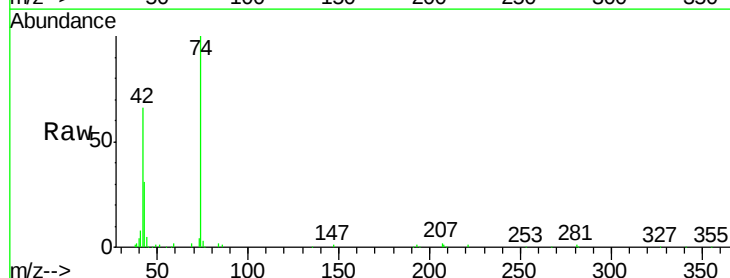
RT: 2.74 min Scan# 137

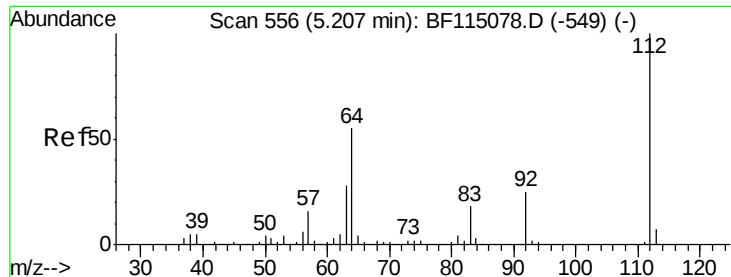
Delta R.T. -0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Tgt Ion:	42	Resp:	181590
Ion Ratio	Lower	Upper	
42	100		
74	150.5	116.6	175.0
44	7.6	5.3	7.9





#5

2-Fluorophenol

Concen: 104.389 ng

RT: 5.20 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

Tgt Ion: 112 Resp: 1188094

Ion Ratio Lower Upper

112 100

64 52.5 43.8 65.6

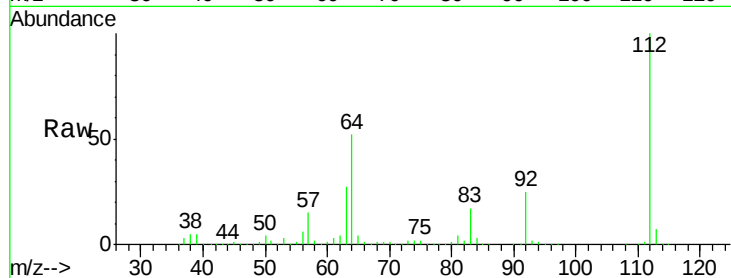
63 26.5 22.2 33.4

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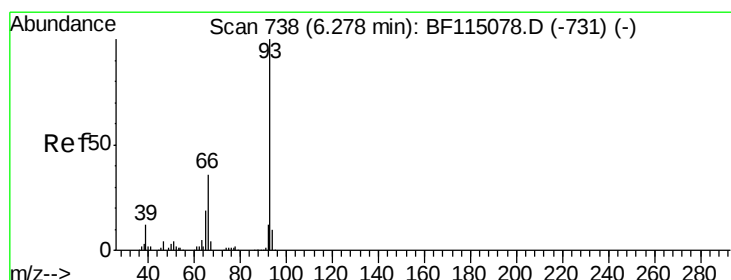
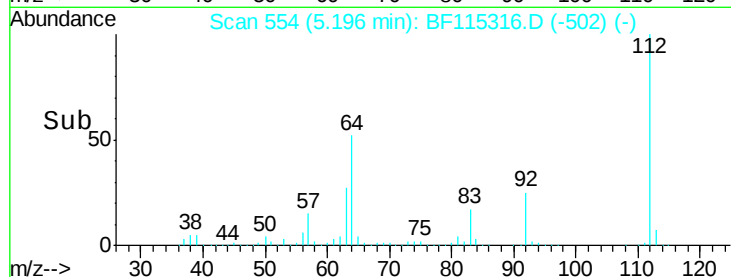
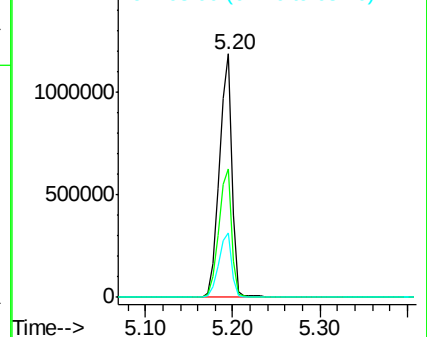
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.819 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Tgt Ion: 93 Resp: 376287

Ion Ratio Lower Upper

93 100

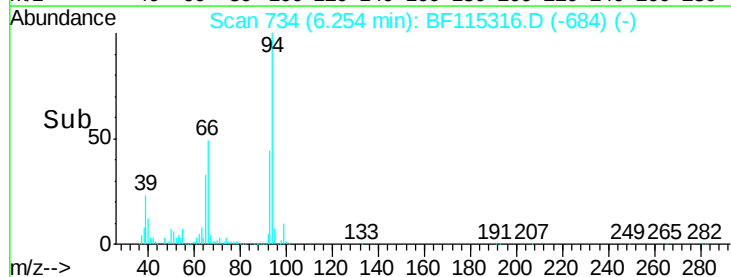
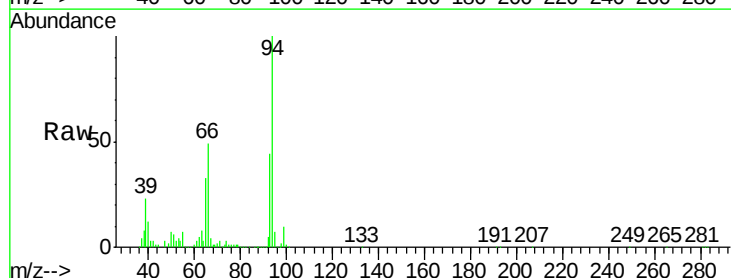
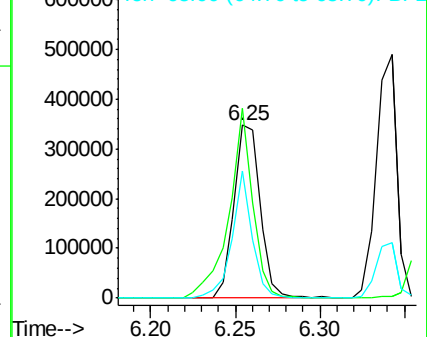
66 109.5 30.0 45.0#

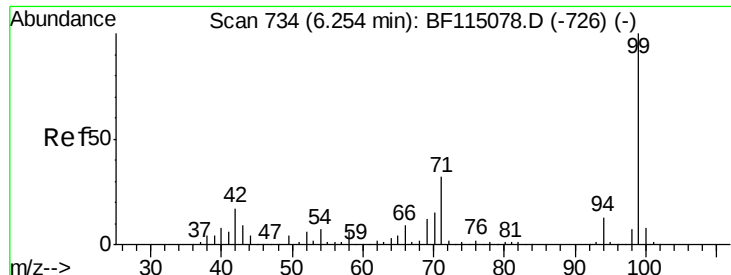
65 73.8 15.6 23.4#

Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.661 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

Tgt Ion: 99 Resp: 1542509

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

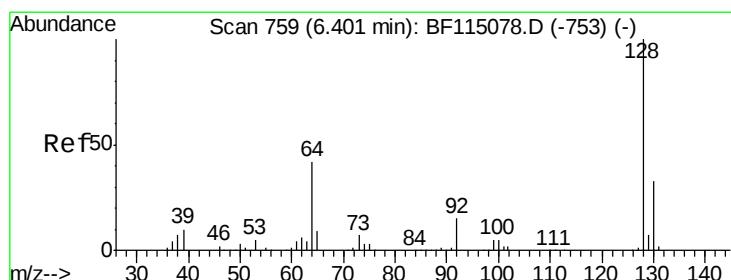
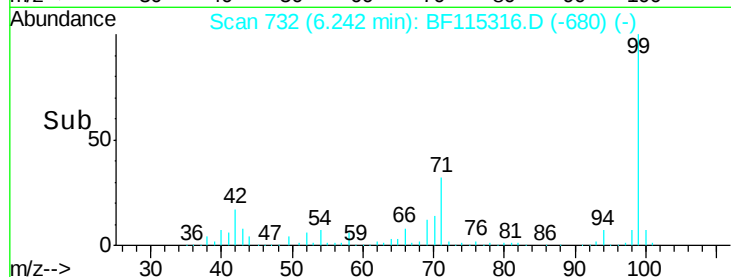
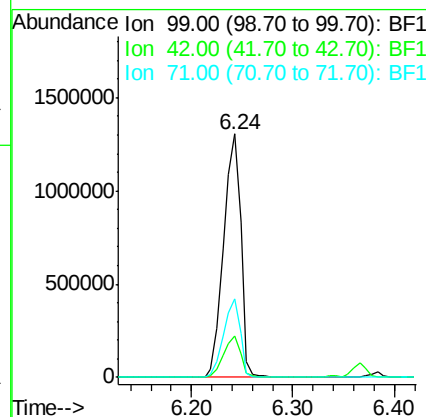
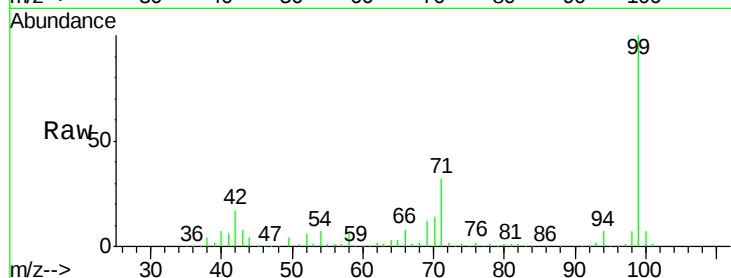
71 32.2 25.5 38.3

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#8

2-Chlorophenol

Concen: 35.768 ng

RT: 6.38 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

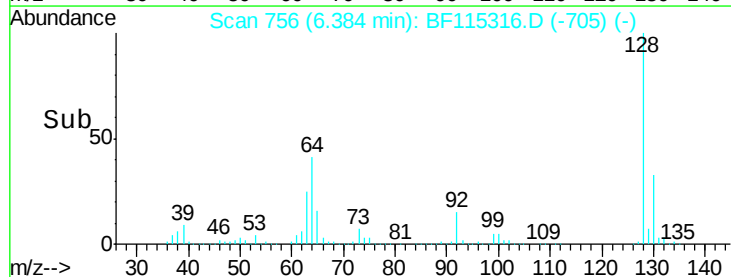
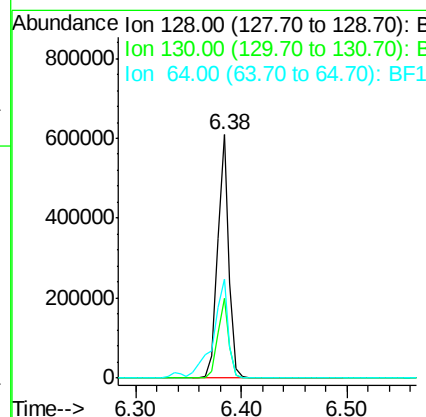
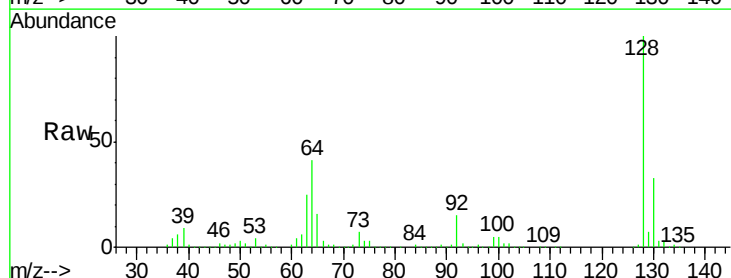
Tgt Ion: 128 Resp: 457753

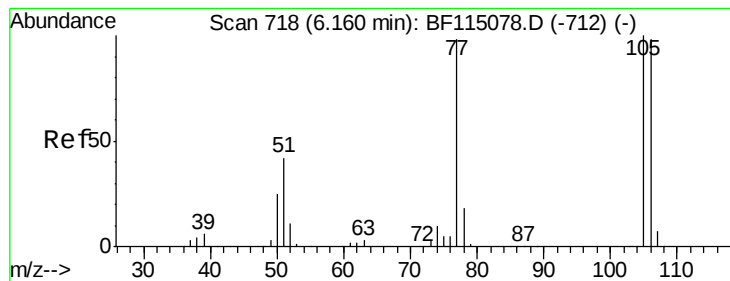
Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

64 40.7 22.9 62.9





#9

Benzaldehyde

Concen: 30.499 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

Tgt Ion: 77 Resp: 274869

Ion Ratio Lower Upper

77 100

105 102.4 81.5 121.5

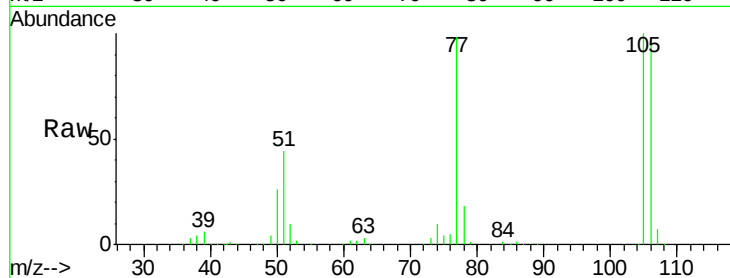
106 98.9 79.7 119.7

Manual Integrations

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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

6.14

300000

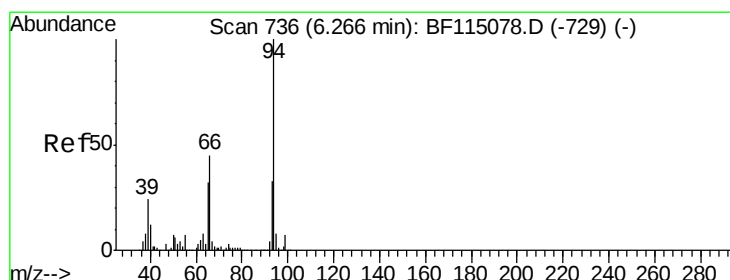
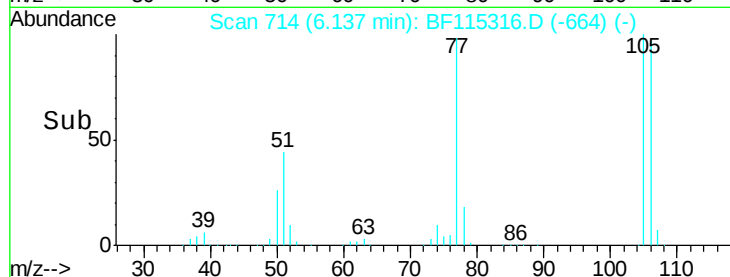
200000

100000

0

6.10 6.15 6.20

Time-->



#10

Phenol

Concen: 33.968 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

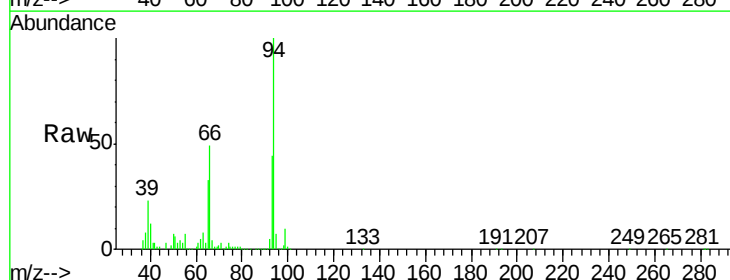
Tgt Ion: 94 Resp: 549653

Ion Ratio Lower Upper

94 100

65 32.7 11.9 51.9

66 48.5 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

6.25

1000000

800000

600000

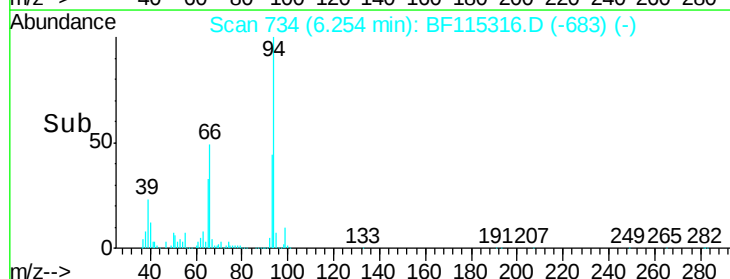
400000

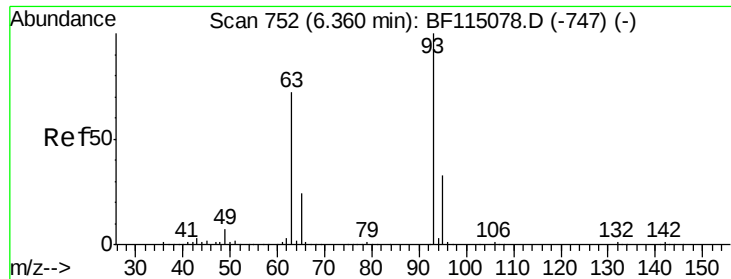
200000

0

6.20 6.25 6.30 6.35

Time-->





#11

bis(2-Chloroethyl)ether

Concen: 34.392 ng

RT: 6.34 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

Tgt Ion: 93 Resp: 410230
Ion Ratio Lower Upper

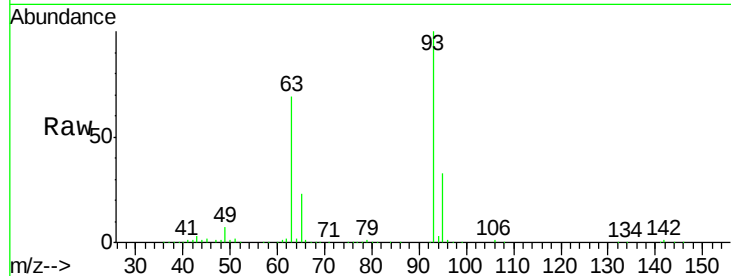
93 100

63 69.4 51.5 91.5

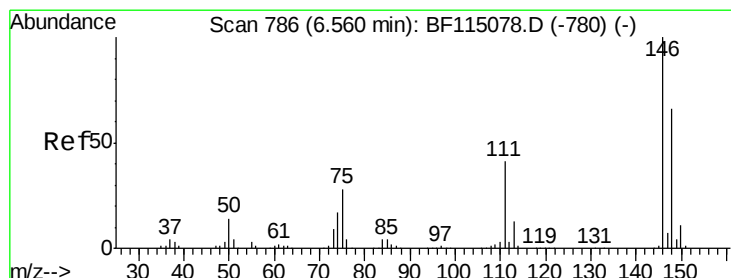
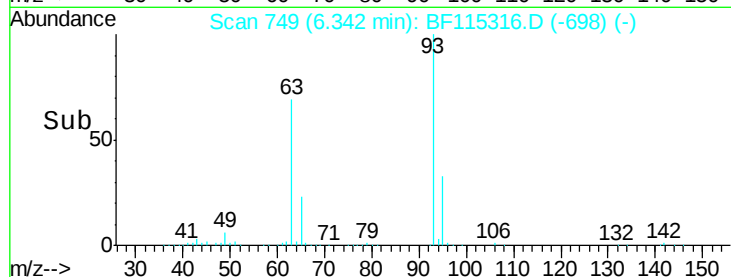
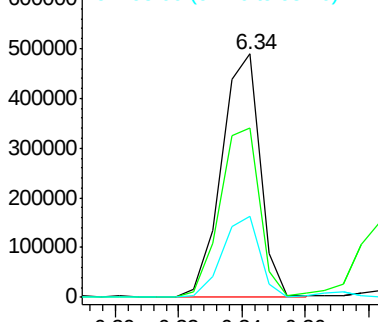
95 33.3 13.4 53.4

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Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 33.624 ng

RT: 6.54 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF115316.D

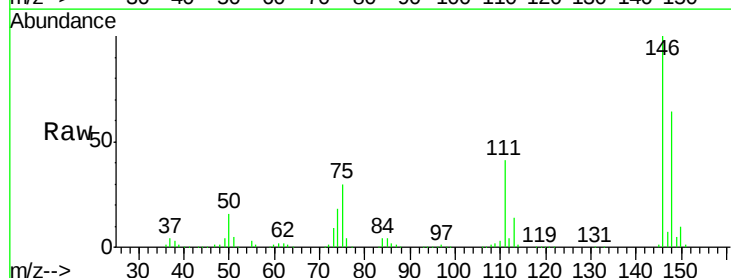
Acq: 29 Jun 2019 12:11

Tgt Ion: 146 Resp: 477566
Ion Ratio Lower Upper

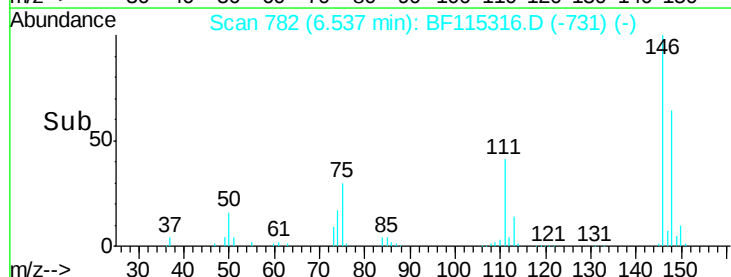
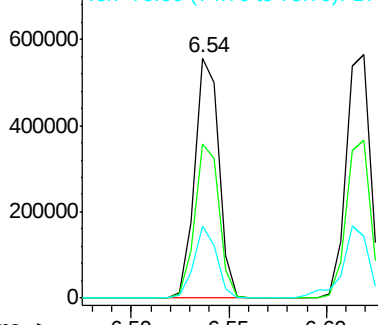
146 100

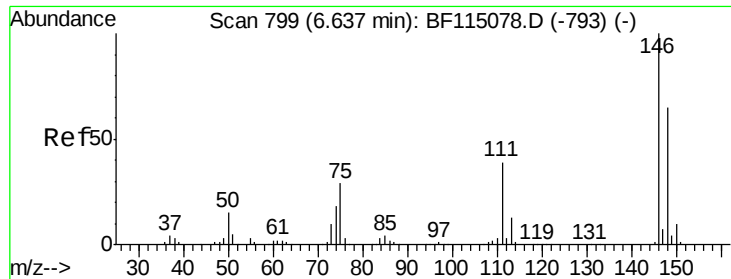
148 64.1 52.6 78.8

75 29.8 22.6 34.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





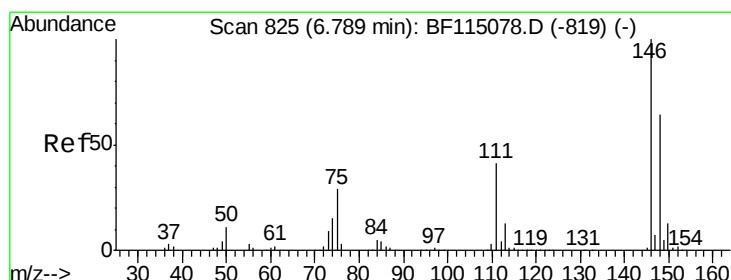
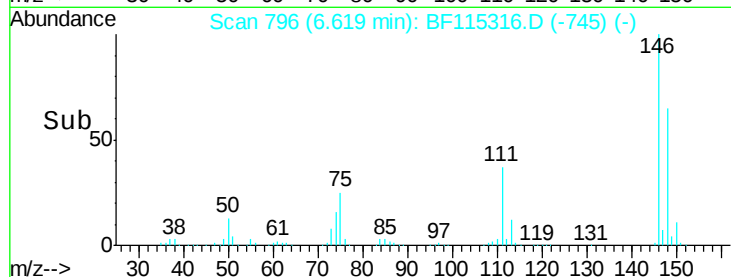
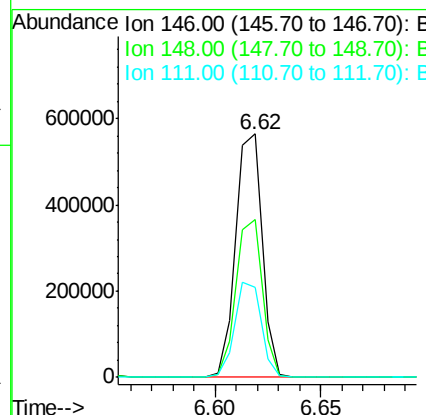
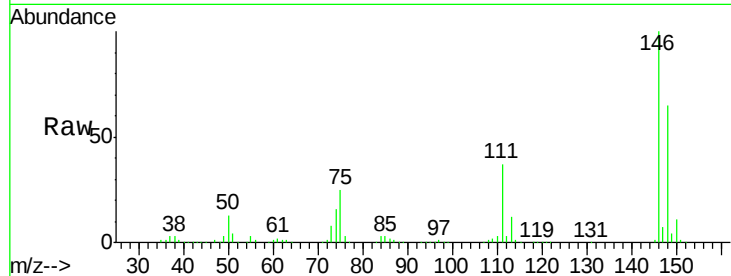
#13
1,4-Dichlorobenzene
Concen: 34.384 ng
RT: 6.62 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.9	77.9
111	37.0	31.4	47.0

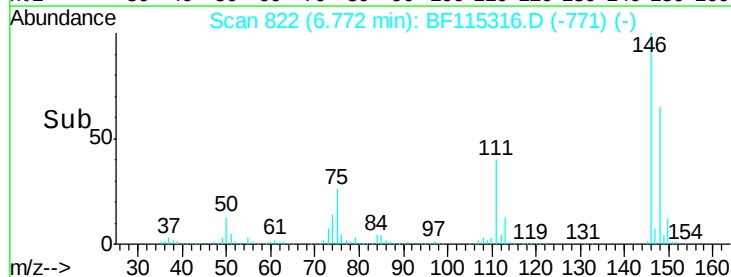
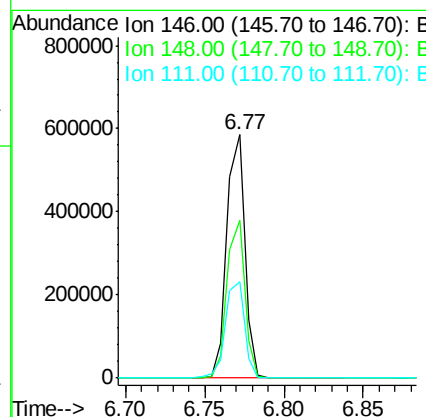
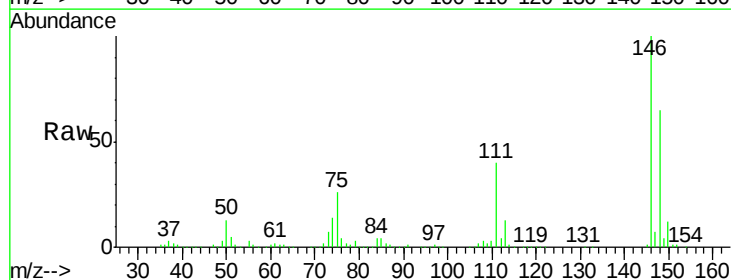
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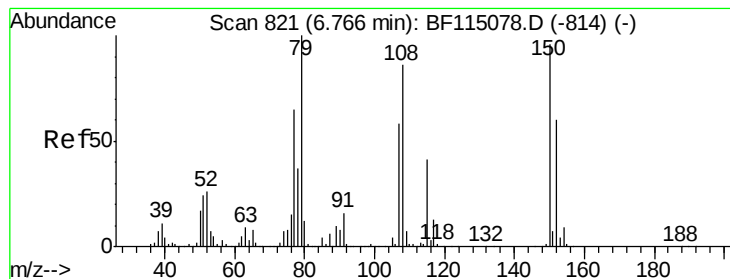
mohammad
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#14
1,2-Dichlorobenzene
Concen: 35.064 ng
RT: 6.77 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.1	76.7
111	39.5	33.2	49.8





#15

Benzyl Alcohol

Concen: 34.897 ng

RT: 6.74 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

Tgt Ion: 79 Resp: 351035

Ion Ratio Lower Upper

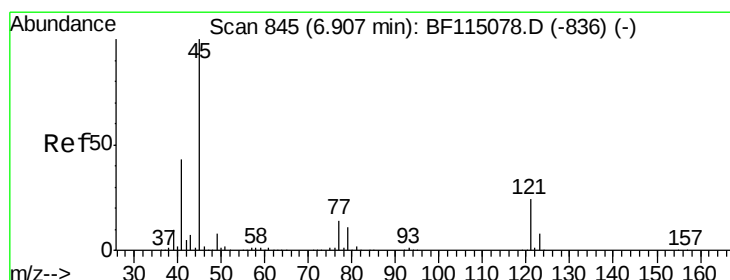
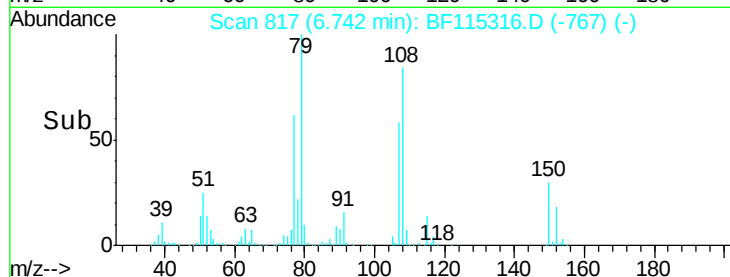
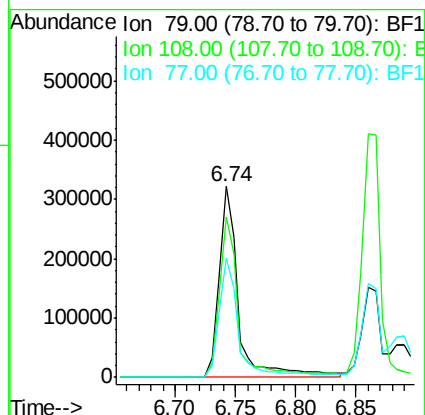
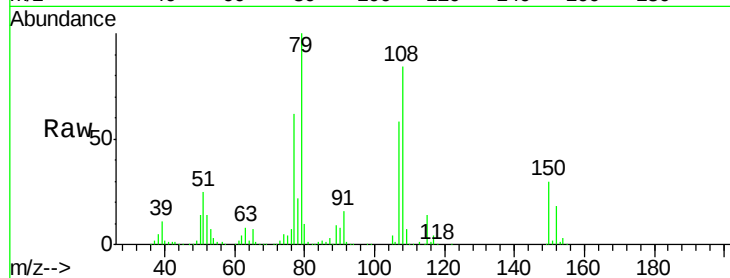
79 100

108 84.3 68.7 103.1

77 62.3 51.7 77.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.072 ng

RT: 6.88 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

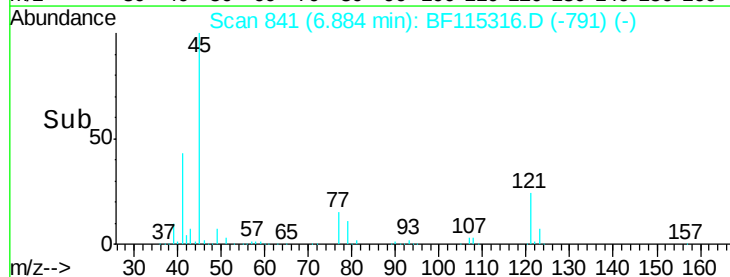
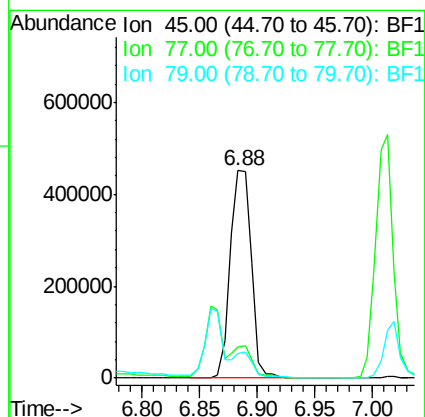
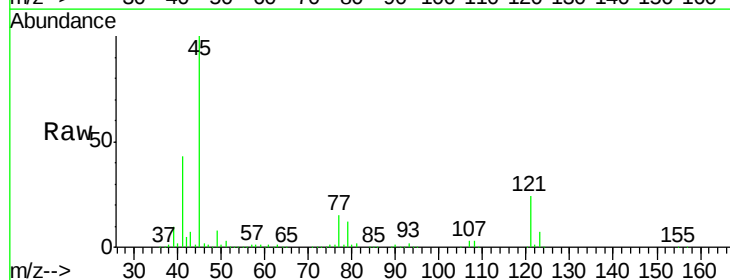
Tgt Ion: 45 Resp: 572145

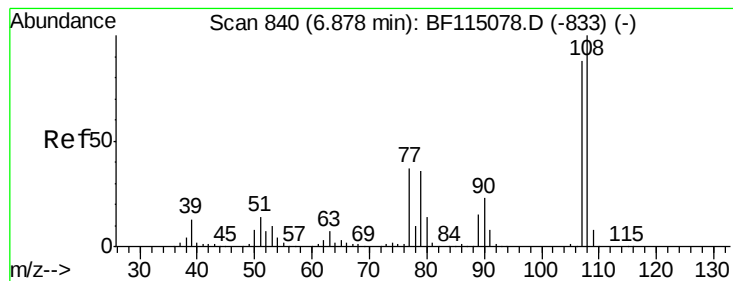
Ion Ratio Lower Upper

45 100

77 15.2 0.0 34.6

79 11.9 0.0 31.2





#17

2-Methylphenol

Concen: 35.714 ng

RT: 6.87 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

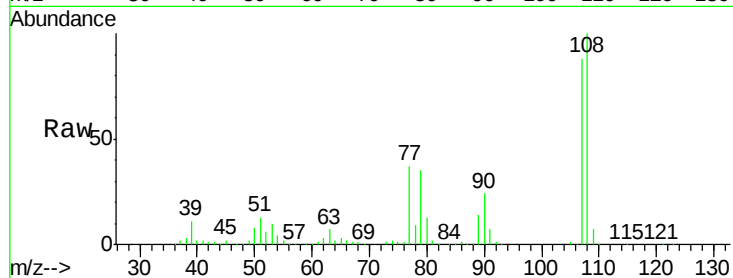
ClientSampleId :

SAMPLE-14MSD

Tgt Ion:	107	Resp:	377267
Ion Ratio	Lower	Upper	
107	100		
108	113.6	90.9	136.3
77	41.5	33.4	50.2
79	40.2	32.3	48.5

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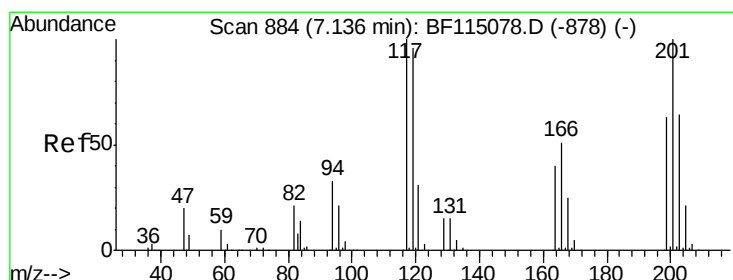
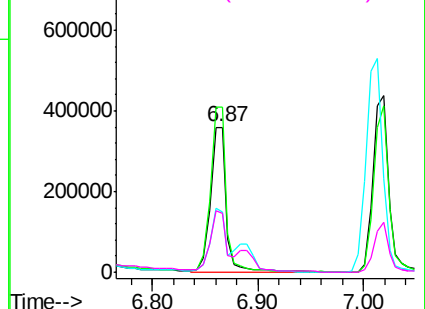
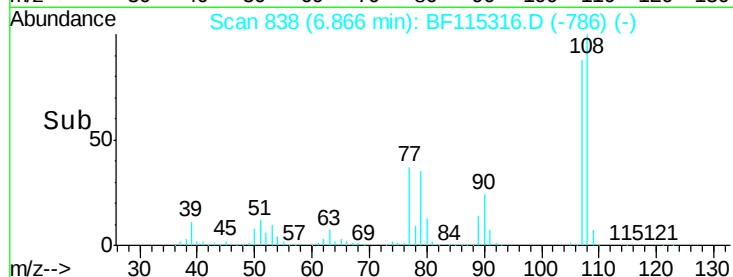


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 32.517 ng

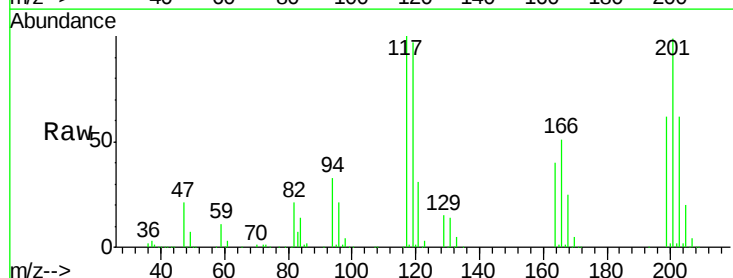
RT: 7.11 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

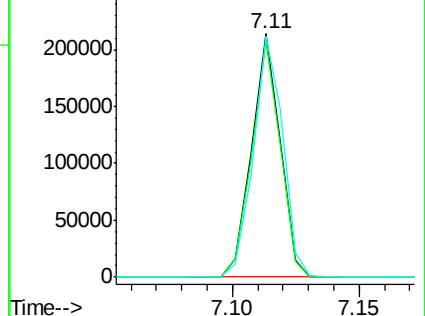
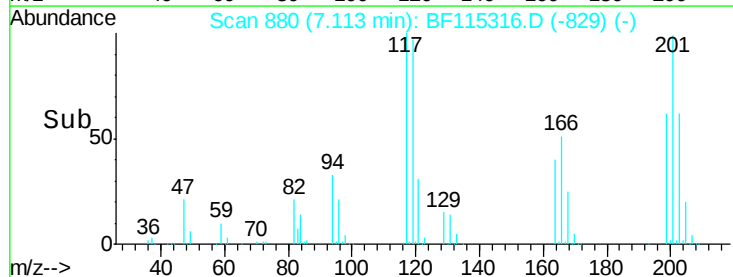
Tgt Ion:	117	Resp:	166964
Ion Ratio	Lower	Upper	
117	100		
119	96.9	76.6	114.8
201	99.0	80.2	120.2

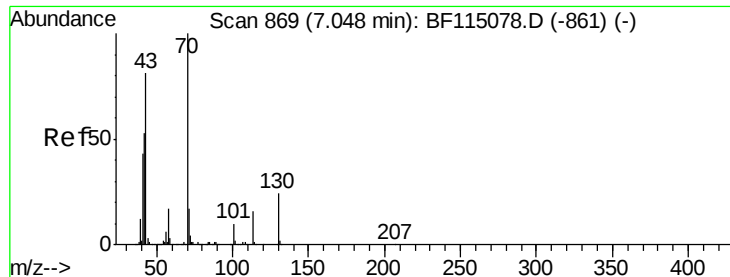


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





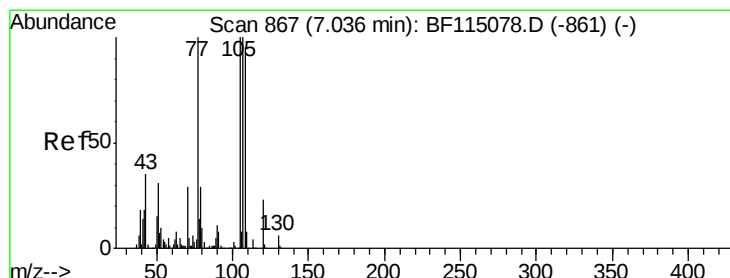
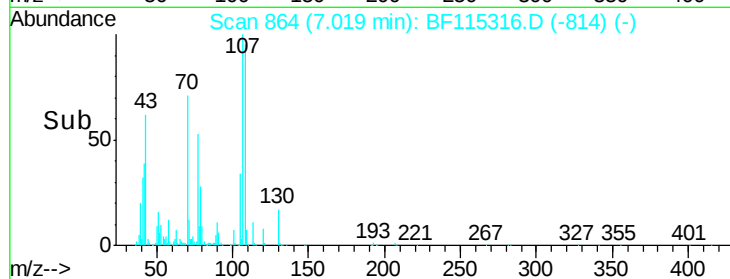
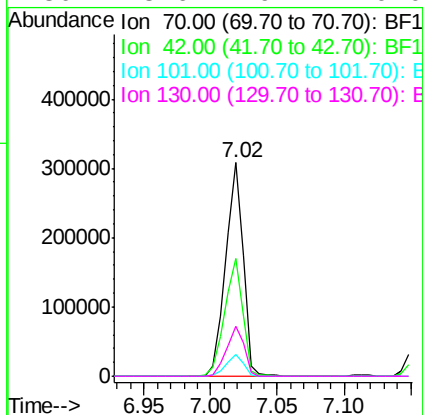
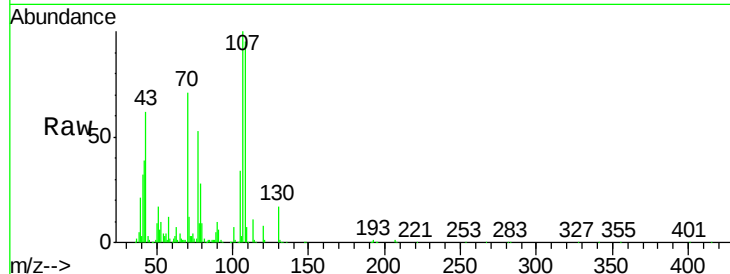
#19
n-Nitroso-di-n-propylamine
Concen: 32.537 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.4	42.6	63.8
101	10.1	8.0	12.0
130	23.6	19.4	29.0

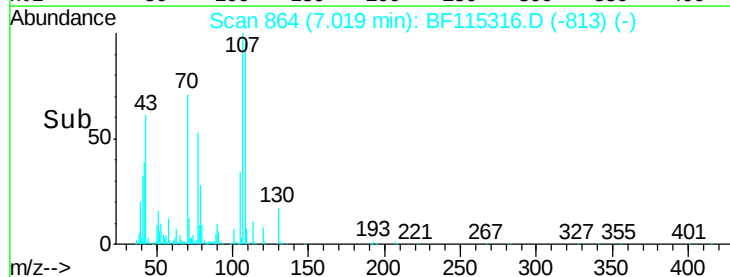
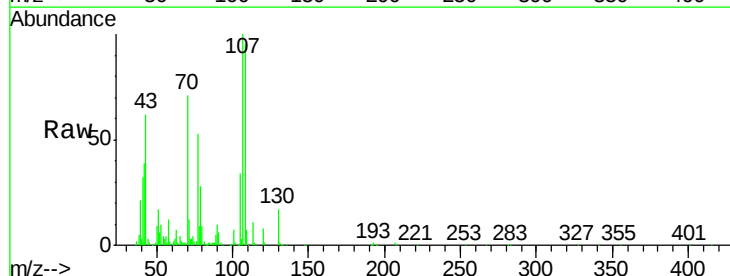
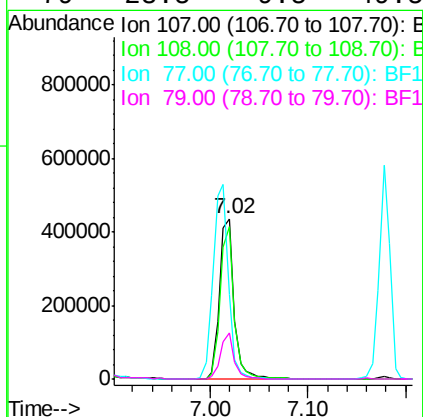
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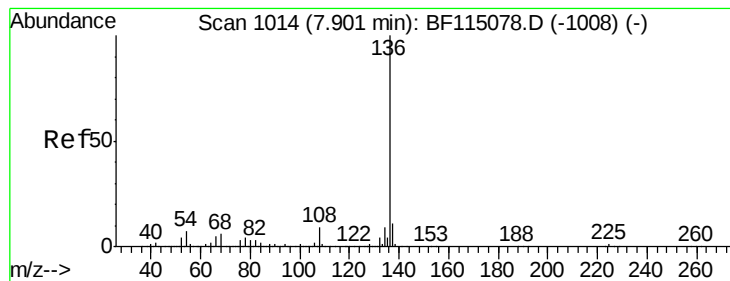
mohammad
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#20
3+4-Methylphenols
Concen: 37.025 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.8	75.5	115.5
77	52.9	80.2	120.2#
79	28.5	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

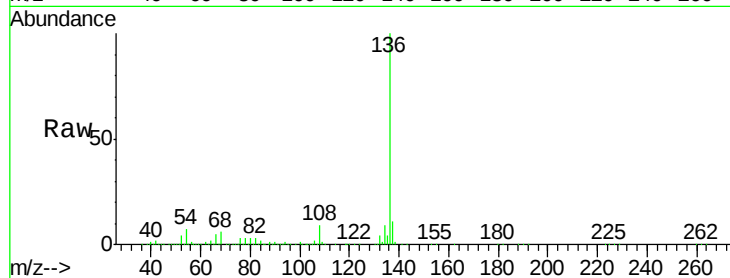
ClientSampleId :

SAMPLE-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	687689		
137	11.3	8.9	13.3	
54	7.3	5.6	8.4	
68	6.3	4.8	7.2	

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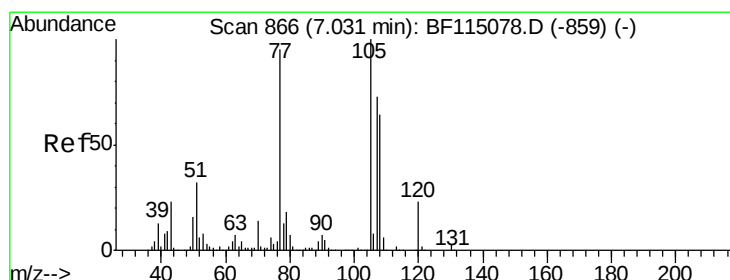
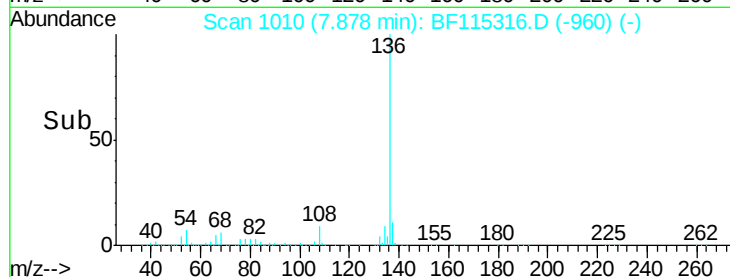
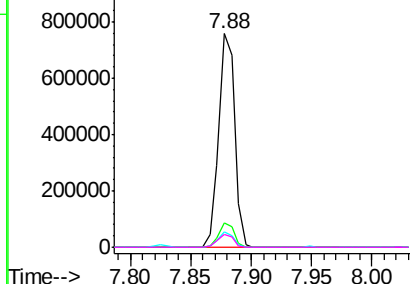


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.379 ng

RT: 7.01 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

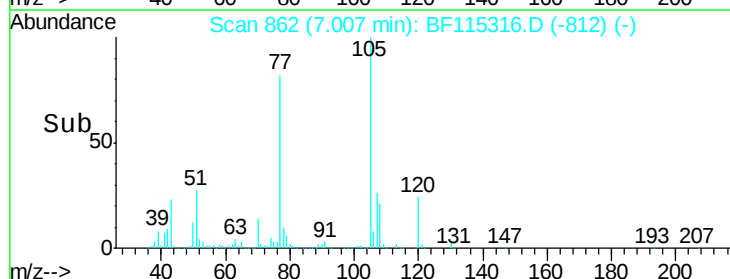
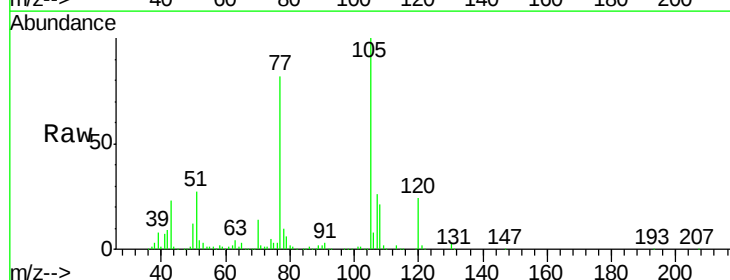
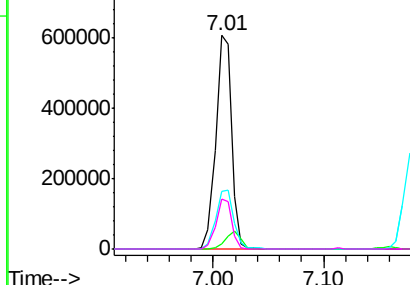
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	604217		
71	2.5	1.9	2.9	
51	27.2	25.8	38.8	
120	23.5	18.5	27.7	

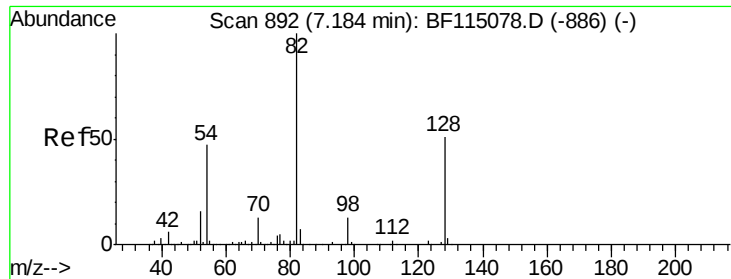
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





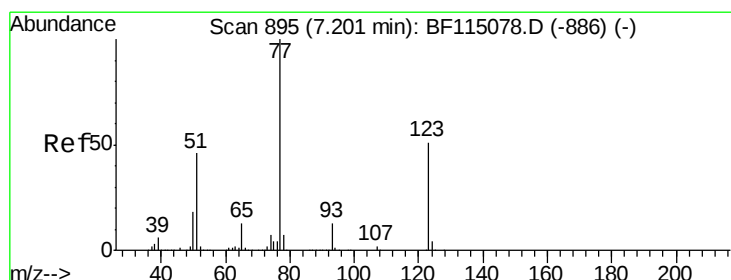
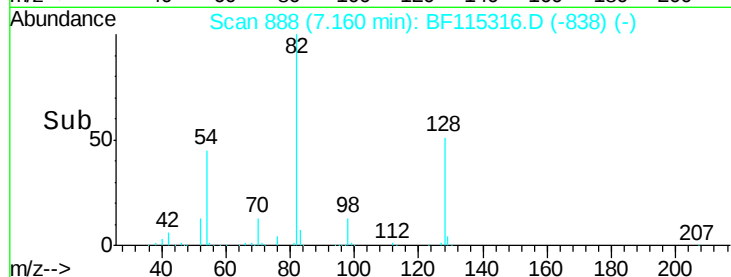
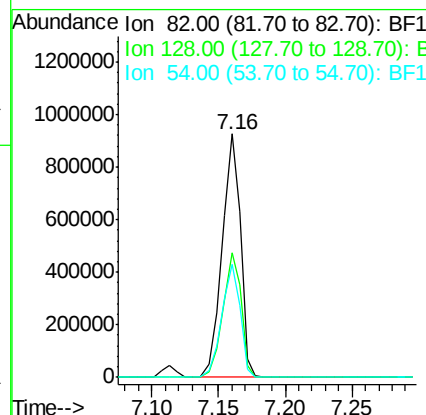
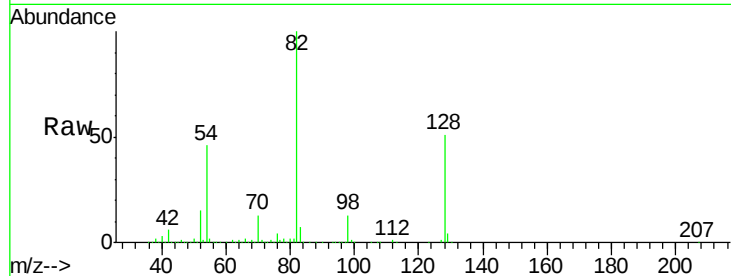
#23
 Nitrobenzene-d5
 Concen: 80.546 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	50.9	40.4	60.6
54	46.3	37.5	56.3

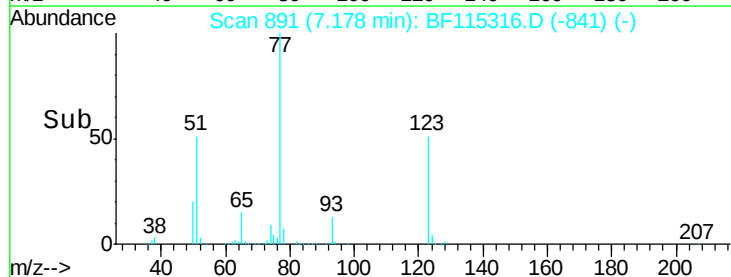
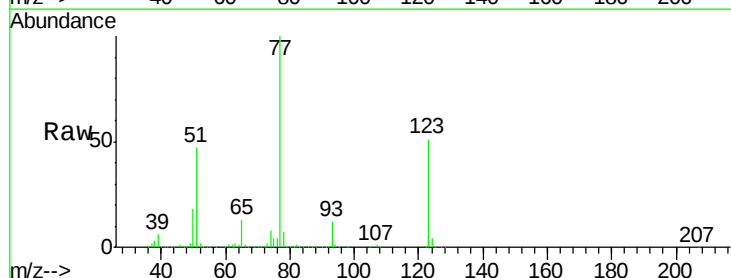
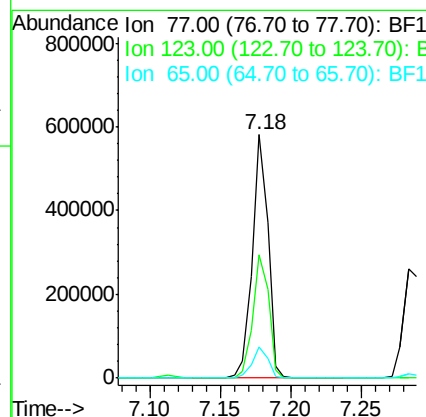
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#24
 Nitrobenzene
 Concen: 36.470 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	50.6	41.0	61.6
65	13.0	10.5	15.7





#25

Isophorone

Concen: 35.593 ng

RT: 7.42 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

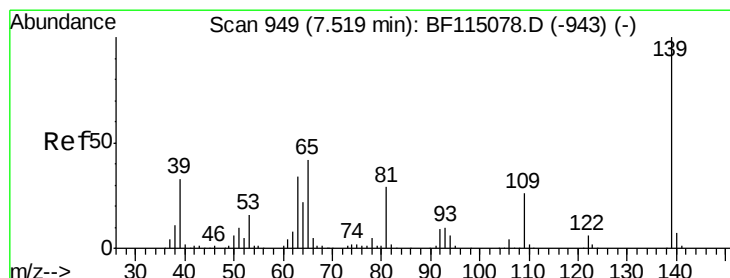
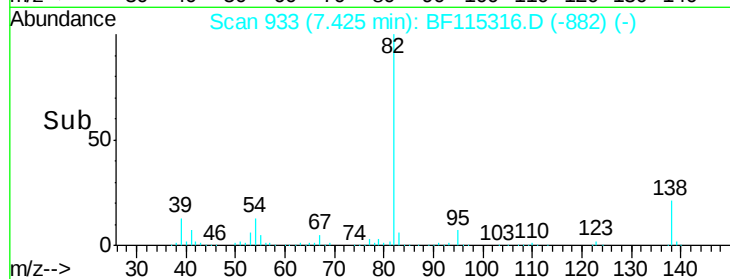
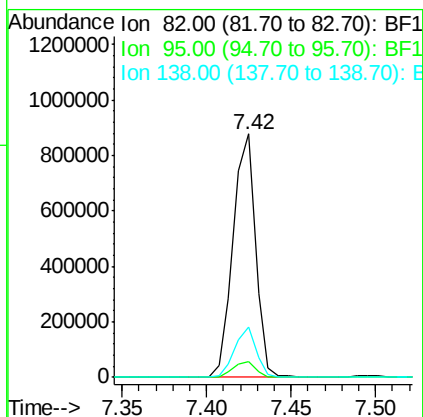
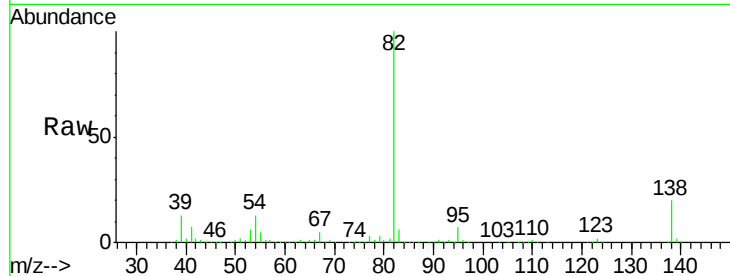
ClientSampleId :

SAMPLE-14MSD

Tgt Ion:	82	Resp:	815121
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.4	8.2
138	20.5	15.9	23.9

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#26

2-Nitrophenol

Concen: 41.346 ng

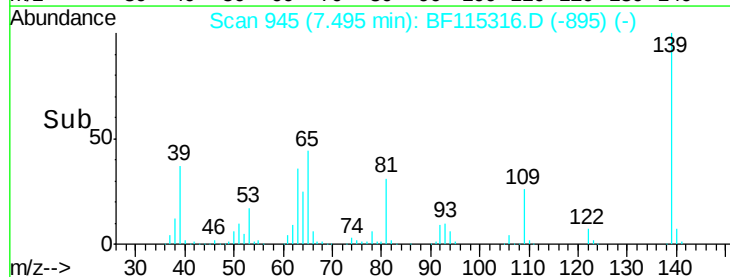
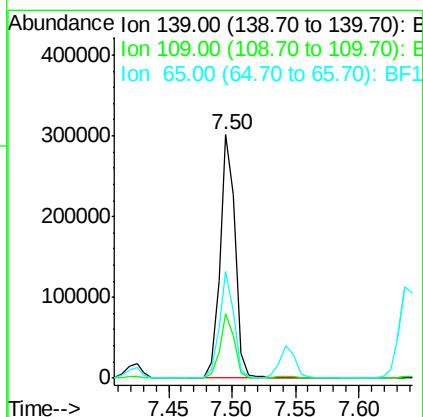
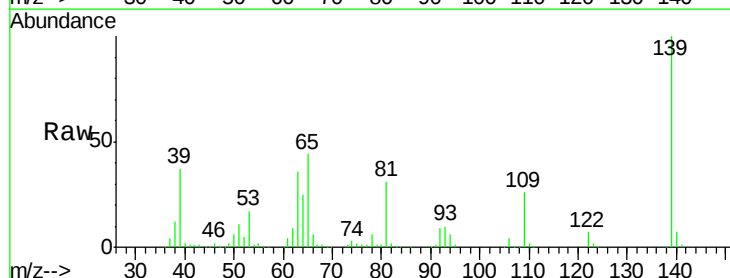
RT: 7.50 min Scan# 945

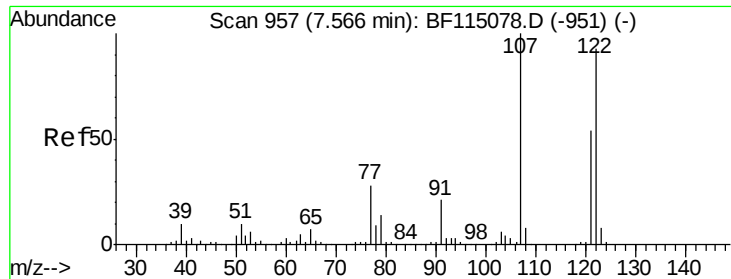
Delta R.T. -0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Tgt Ion:	139	Resp:	251469
Ion Ratio	Lower	Upper	
139	100		
109	26.3	20.4	30.6
65	43.9	33.6	50.4





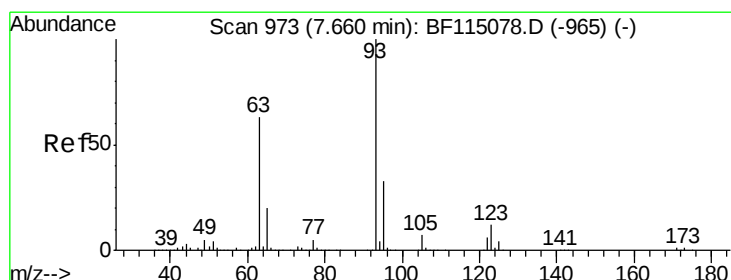
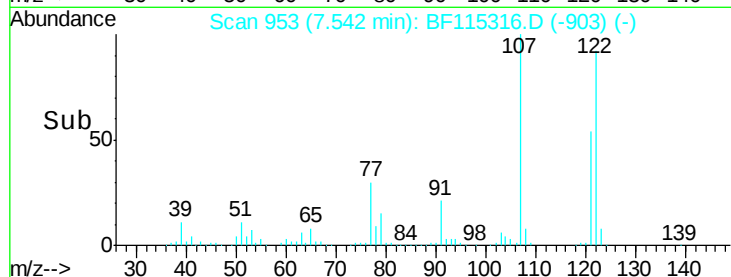
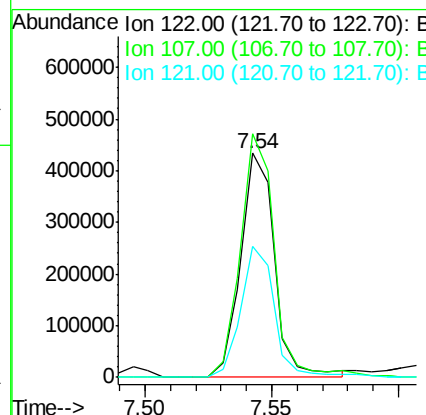
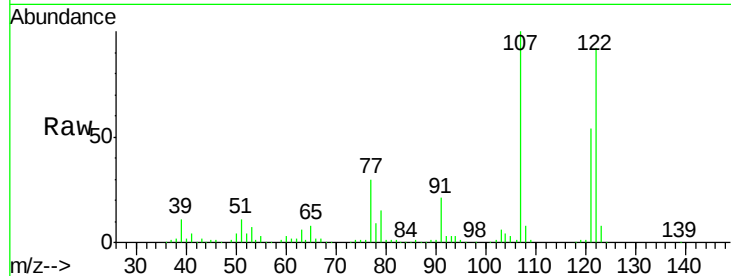
#27
2,4-Dimethylphenol
Concen: 40.485 ng
RT: 7.54 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	403162		
107	108.5	85.8	128.6	
121	58.5	46.3	69.5	

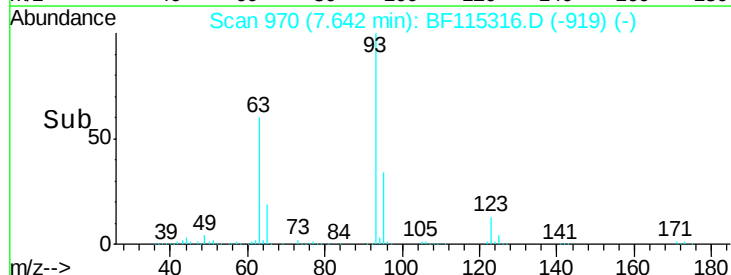
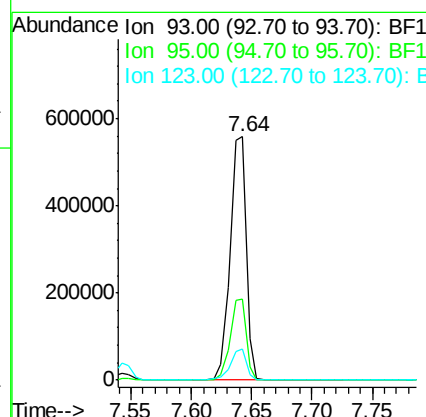
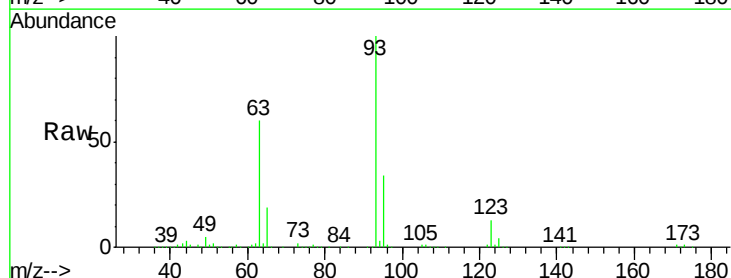
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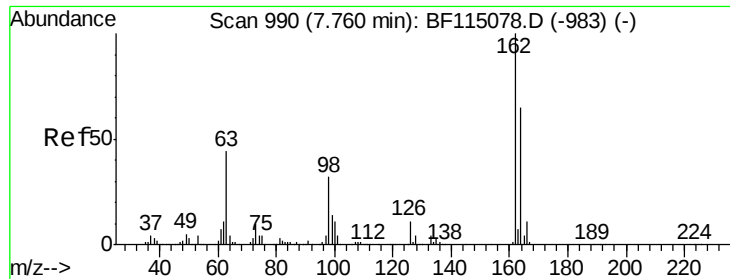
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 35.996 ng
RT: 7.64 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	521019		
95	33.6	26.2	39.4	
123	12.6	9.7	14.5	





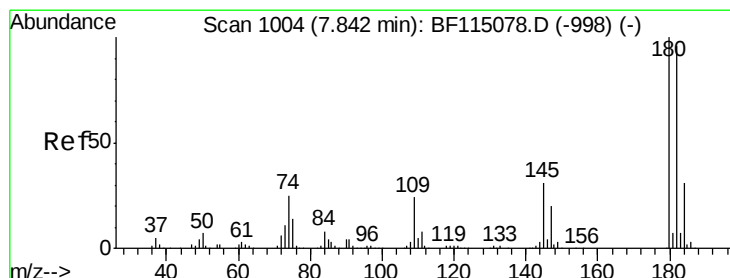
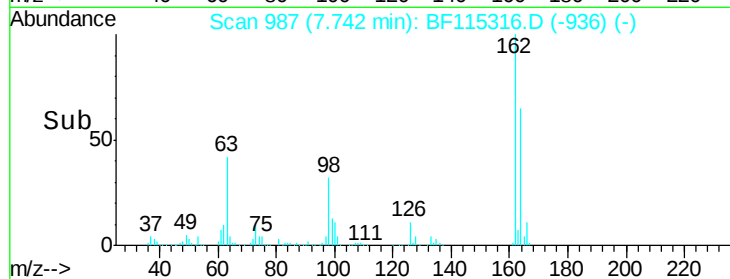
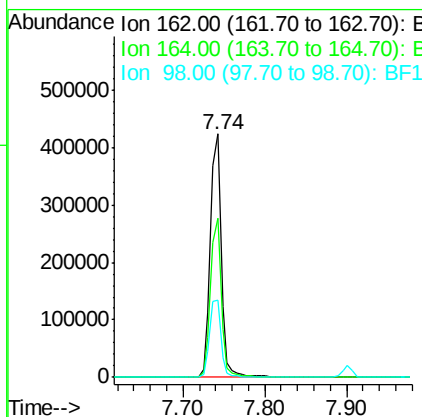
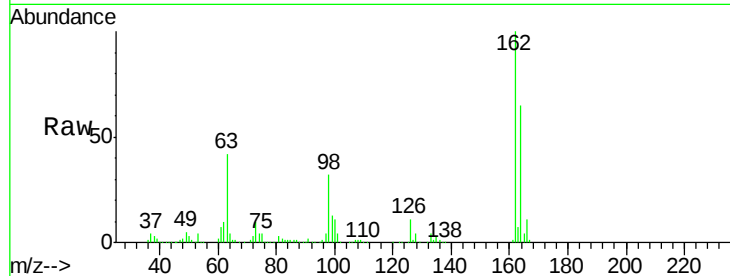
#29
2,4-Dichlorophenol
Concen: 38.360 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	394219		
164	65.2	45.3	85.3	
98	31.6	12.5	52.5	

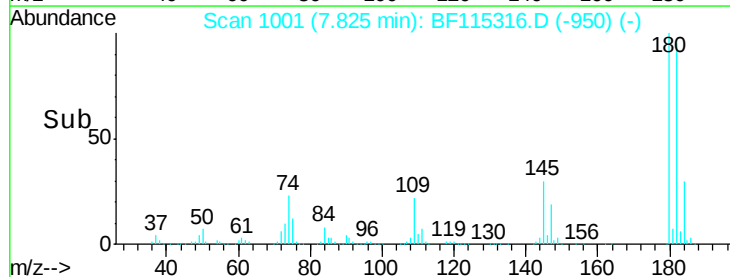
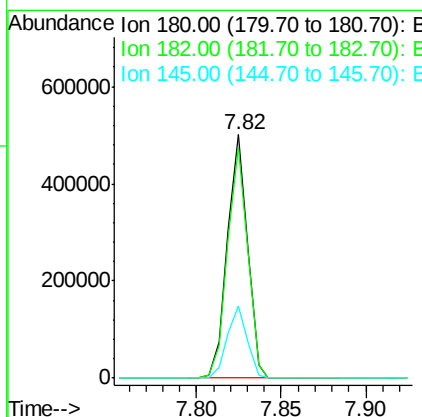
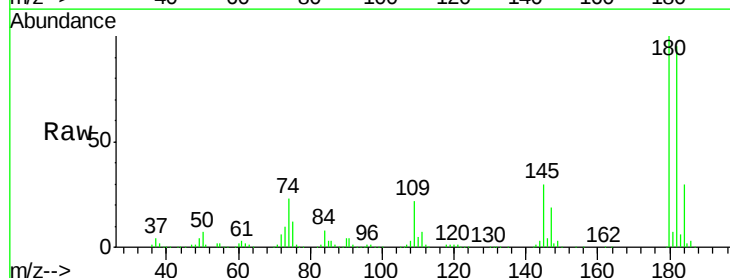
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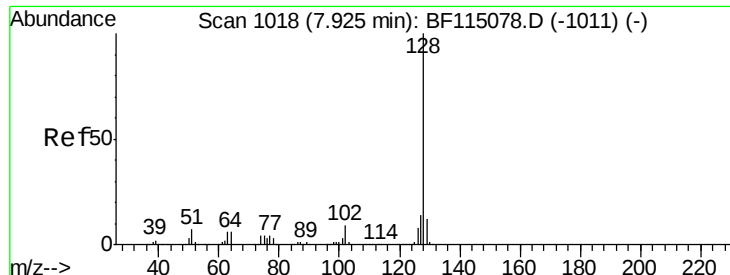
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#30
1,2,4-Trichlorobenzene
Concen: 36.493 ng
RT: 7.82 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	414245		
182	95.0	76.4	114.6	
145	29.7	24.8	37.2	





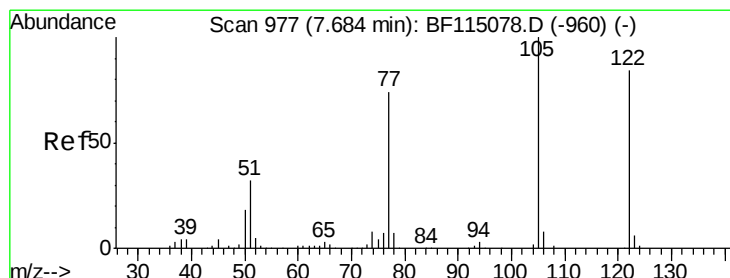
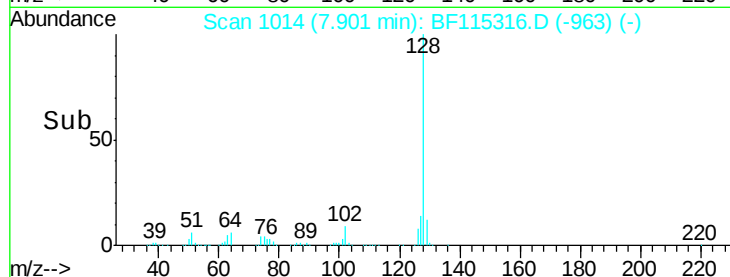
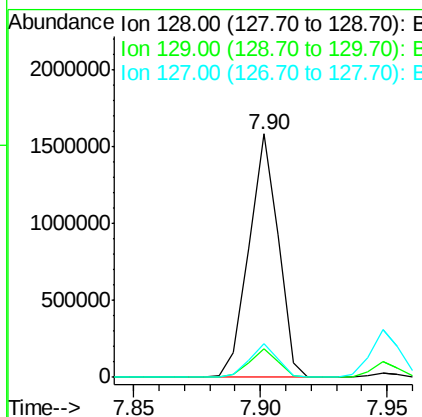
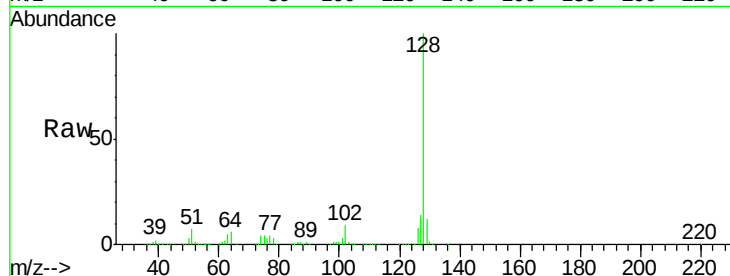
#31
Naphthalene
Concen: 37.881 ng
RT: 7.90 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.6	14.4
127	13.7	11.4	17.0

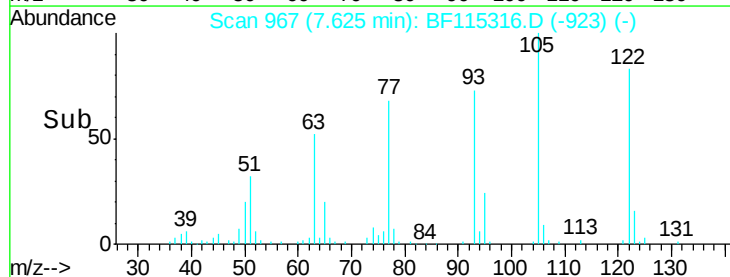
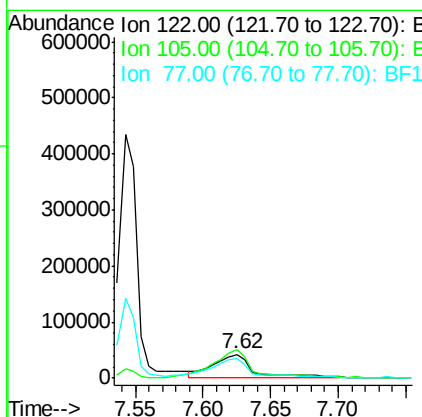
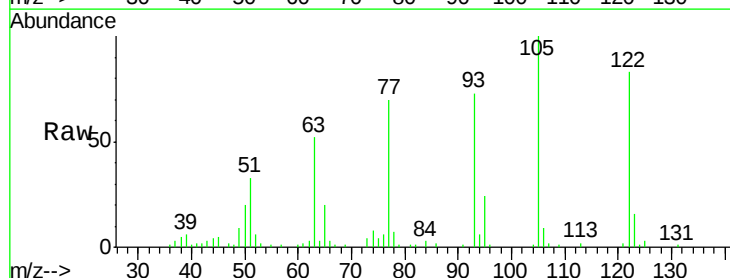
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#32
Benzoic acid
Concen: 12.768 ng m
RT: 7.62 min Scan# 967
Delta R.T. -0.04 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.2	98.2	138.2
77	83.9	67.0	107.0





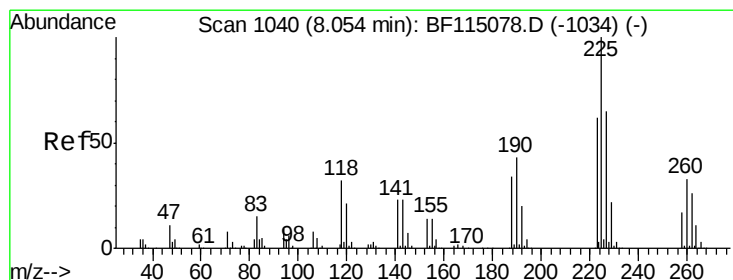
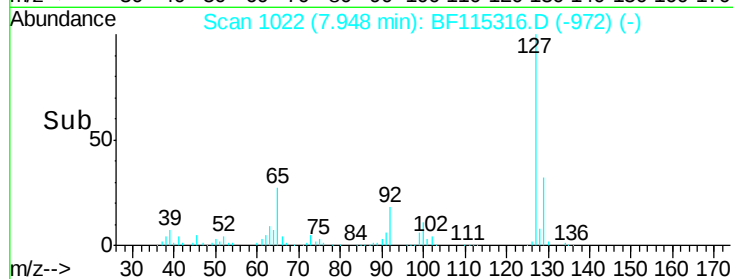
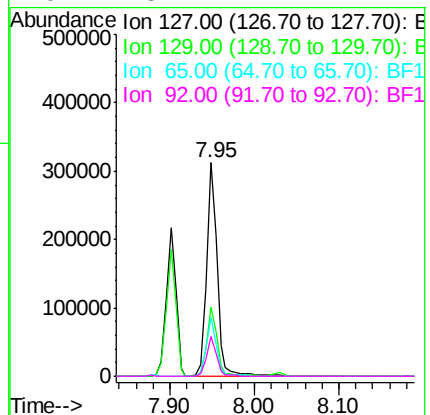
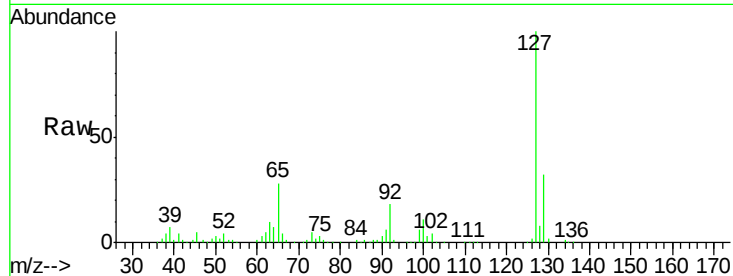
#33
4-Chloroaniline
Concen: 17.503 ng
RT: 7.95 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.3	26.1	39.1
65	27.6	21.4	32.2
92	18.4	14.1	21.1

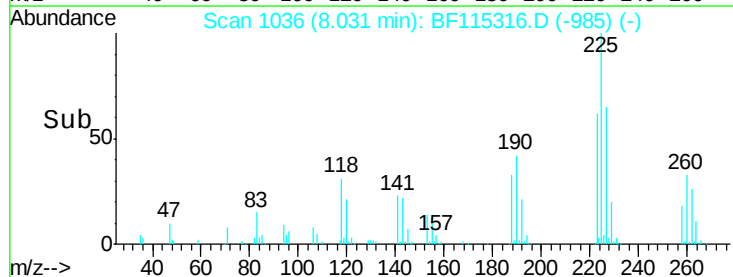
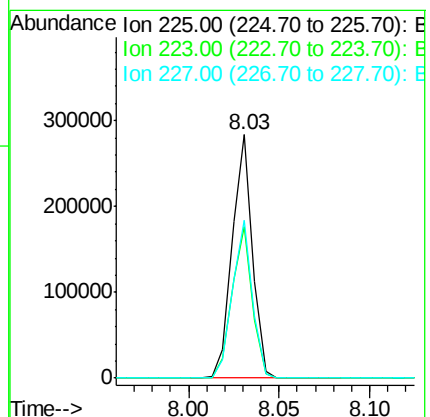
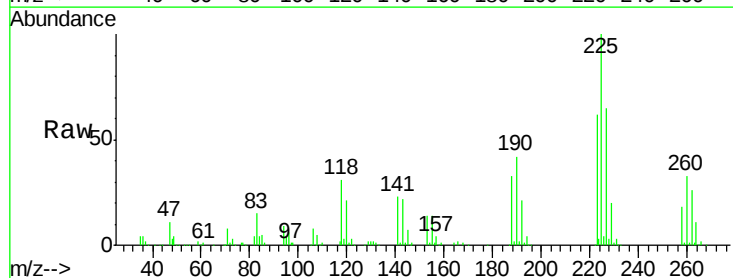
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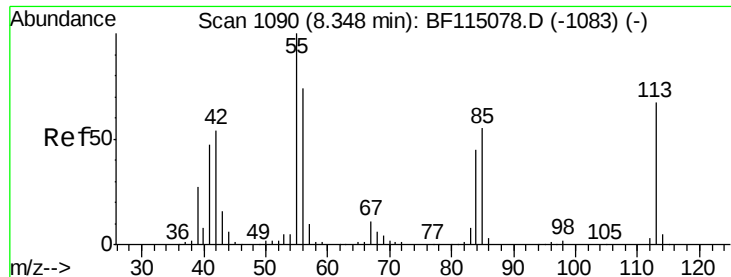
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7/1/2019 5:58:59 PM



#34
Hexachlorobutadiene
Concen: 35.453 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.1	49.4	74.2
227	64.9	51.8	77.8





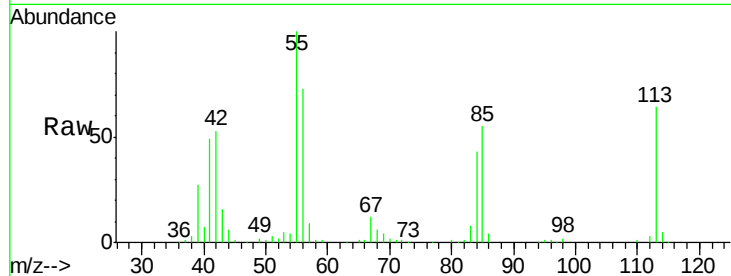
#35
Caprolactam
Concen: 37.810 ng m
RT: 8.31 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

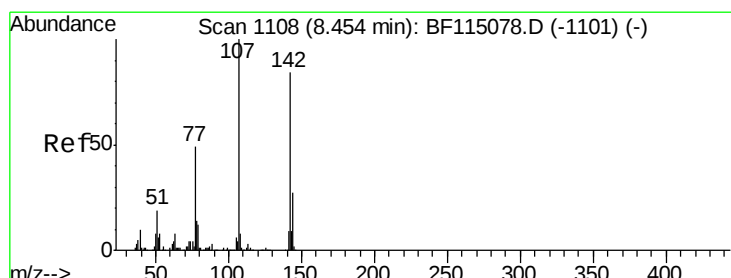
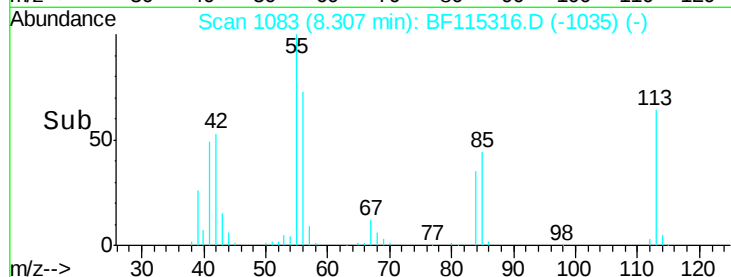
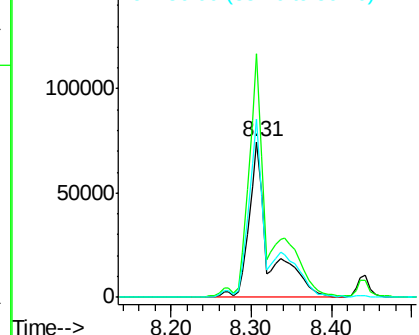
Tgt Ion	Ratio	Lower	Upper
113	100		
55	156.8	130.2	170.2
56	114.9	91.6	131.6

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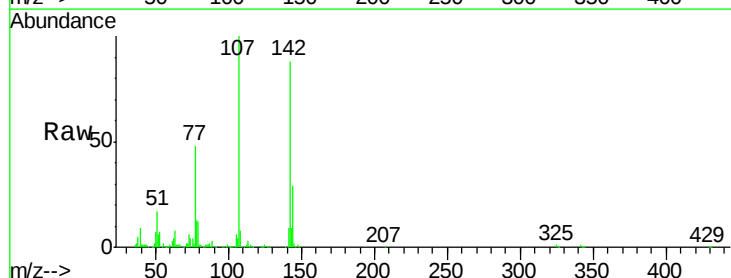


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

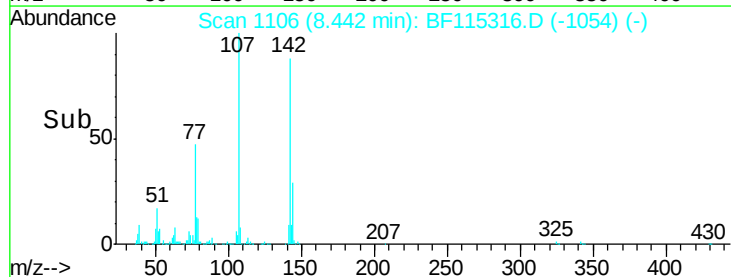
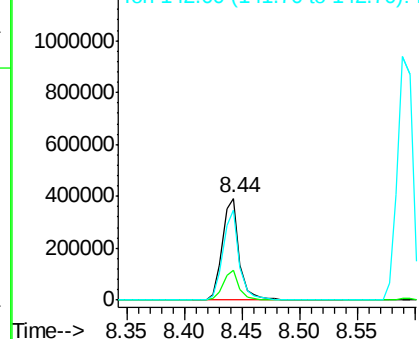


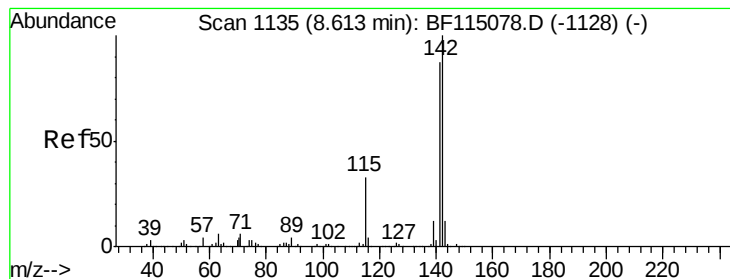
#36
4-Chloro-3-methylphenol
Concen: 38.364 ng
RT: 8.44 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.9	21.7	32.5
142	88.2	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





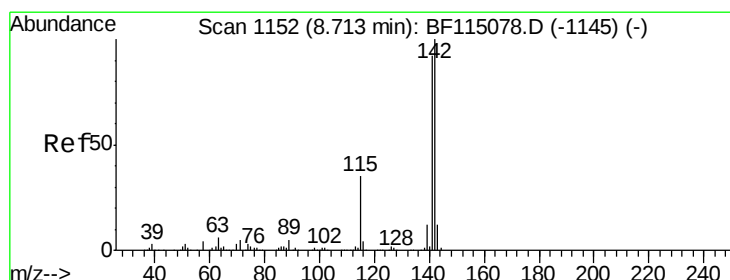
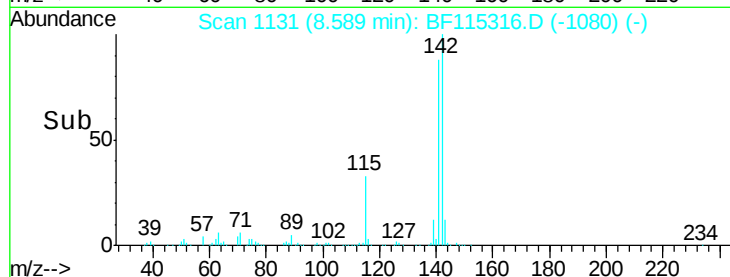
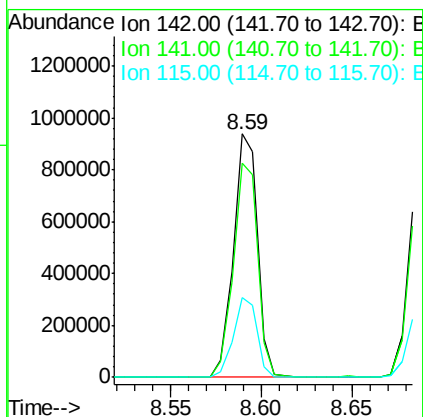
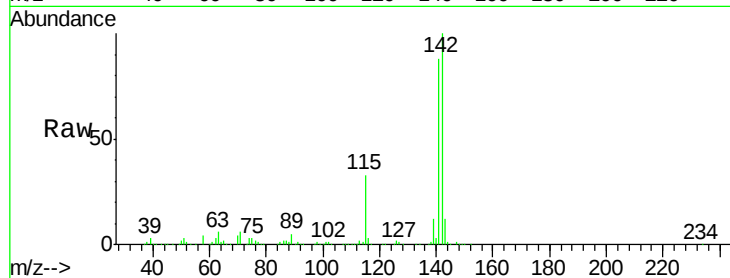
#37
2-Methylnaphthalene
Concen: 38.203 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.8	104.6
115	32.6	26.7	40.1

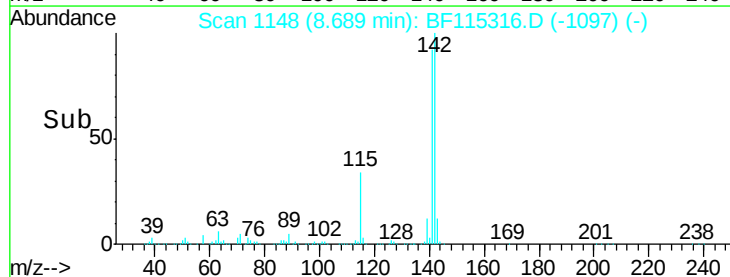
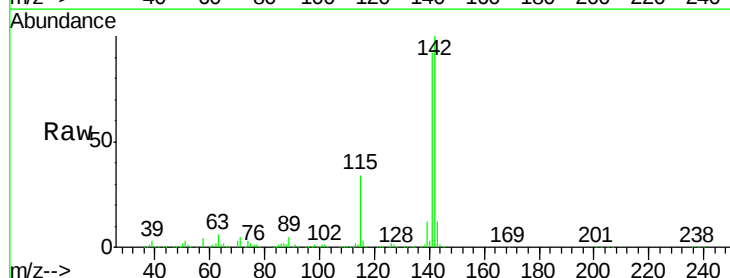
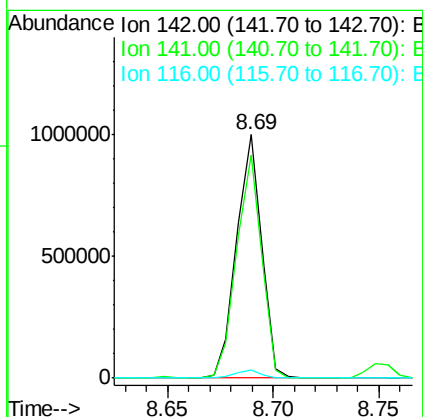
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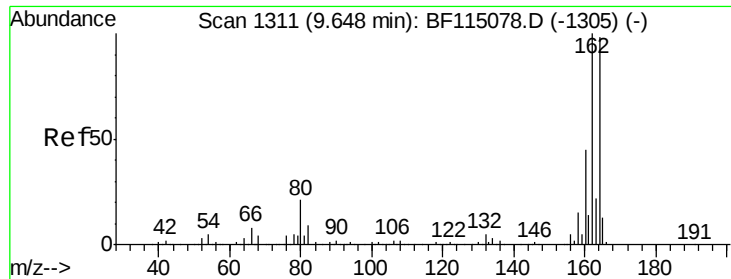
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#38
1-Methylnaphthalene
Concen: 37.578 ng
RT: 8.69 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.8	110.8
116	3.5	2.8	4.2





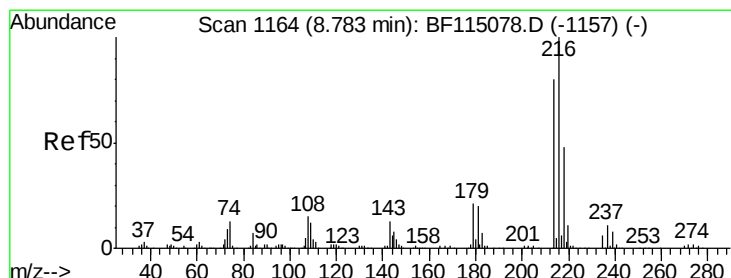
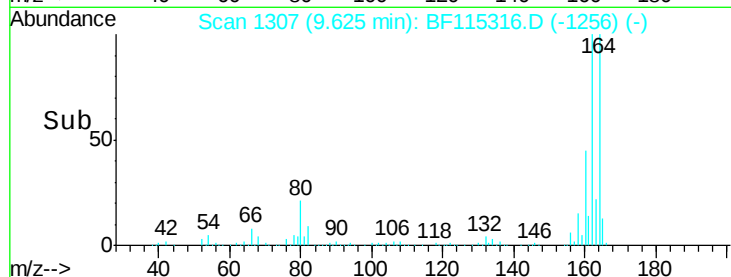
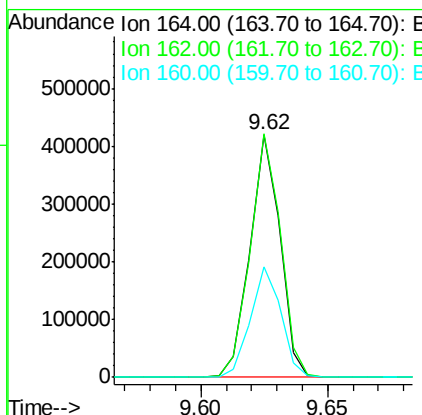
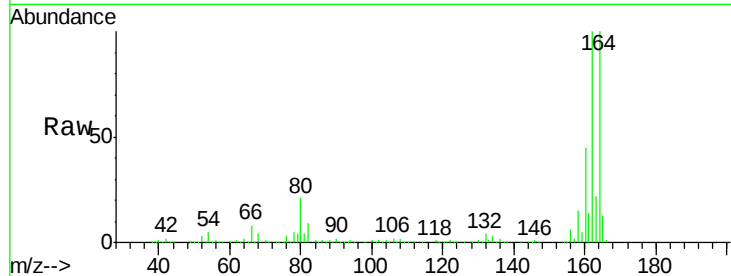
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	347531		
162	100.2	81.7	122.5	
160	45.4	37.0	55.4	

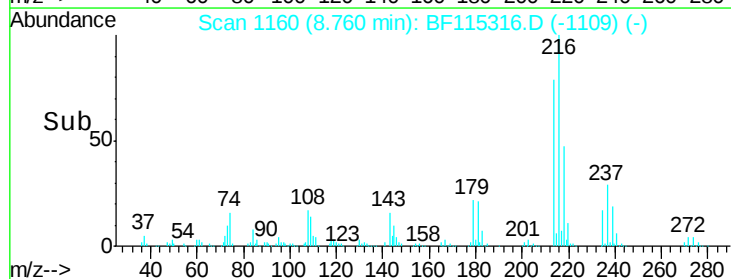
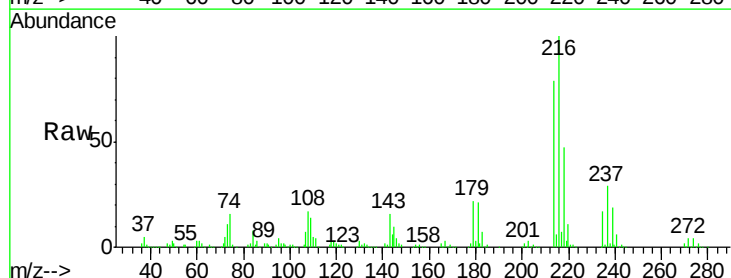
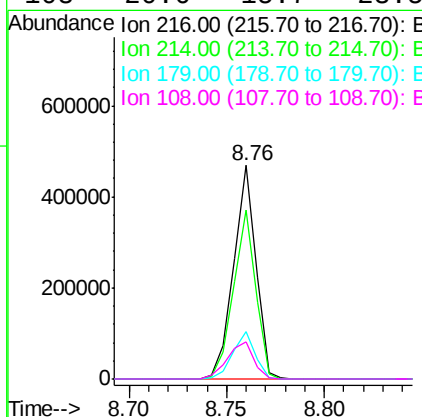
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.859 ng
RT: 8.76 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	371798		
214	79.1	63.8	95.6	
179	22.1	17.6	26.4	
108	20.6	15.7	23.5	





#41

Hexachlorocyclopentadiene

Concen: 72.151 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

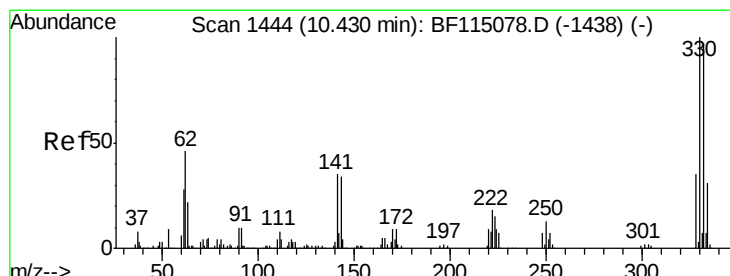
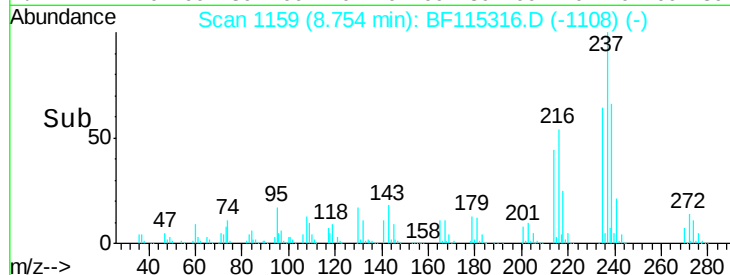
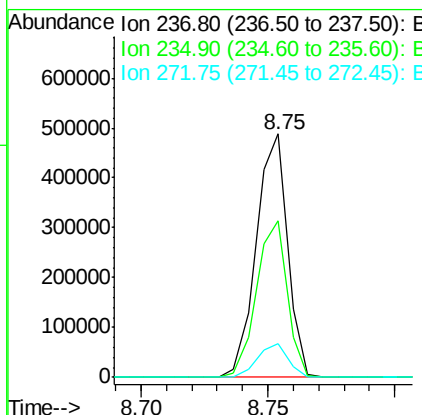
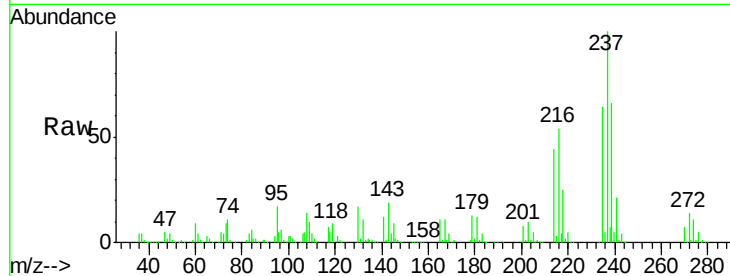
ClientSampleId :

SAMPLE-14MSD

Tgt Ion:	237	Resp:	420155
Ion Ratio		Lower	Upper
237	100		
235	64.4	43.9	83.9
272	13.7	0.0	33.8

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#42

2,4,6-Tribromophenol

Concen: 125.352 ng

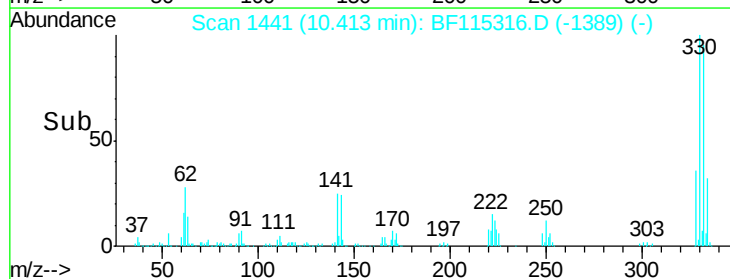
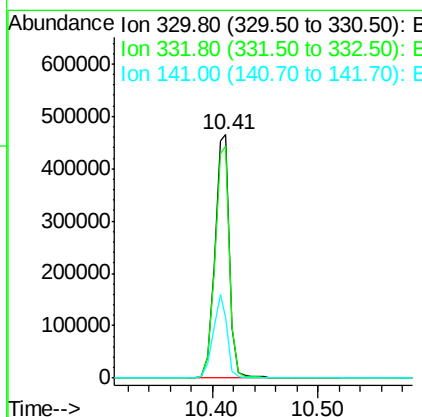
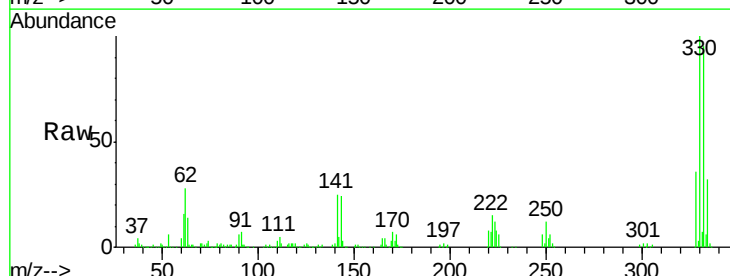
RT: 10.41 min Scan# 1441

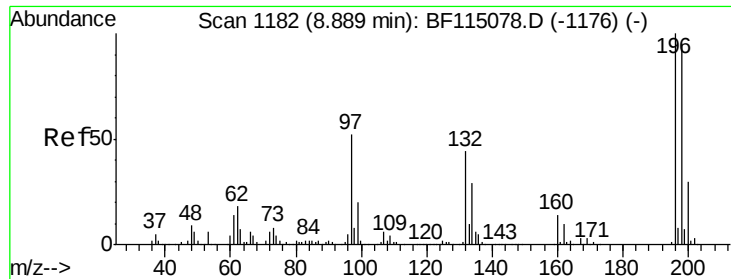
Delta R.T. 0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Tgt Ion:	330	Resp:	459395
Ion Ratio		Lower	Upper
330	100		
332	95.2	77.3	115.9
141	32.5	28.2	42.2





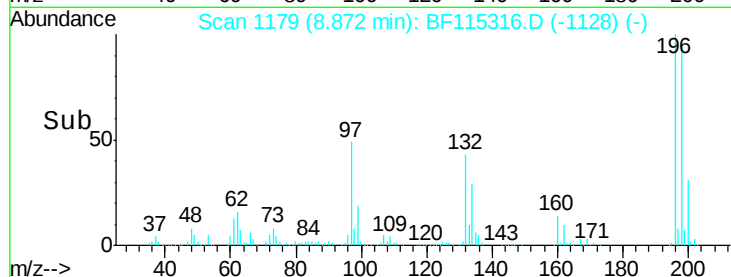
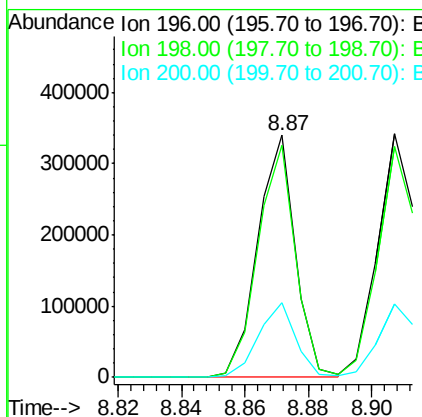
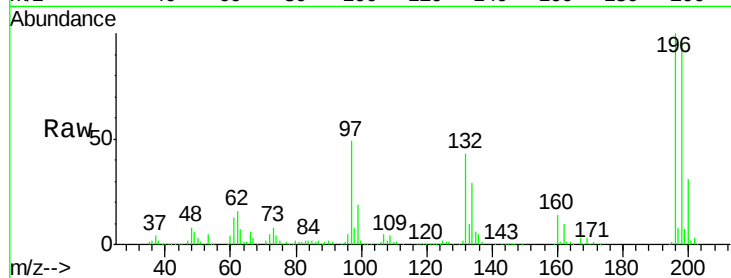
#43
 2,4,6-Trichlorophenol
 Concen: 37.002 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

Tgt Ion:	196	Resp:	280542
Ion Ratio	Lower	Upper	
196	100		
198	95.8	76.3	114.5
200	30.7	24.2	36.4

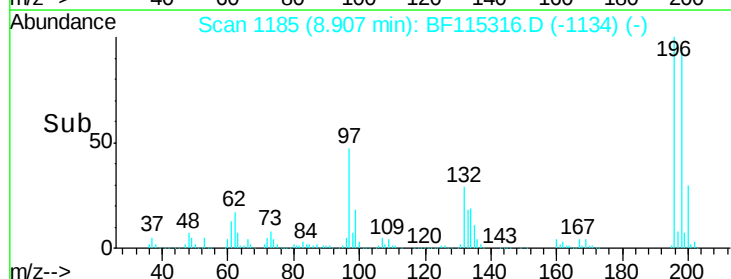
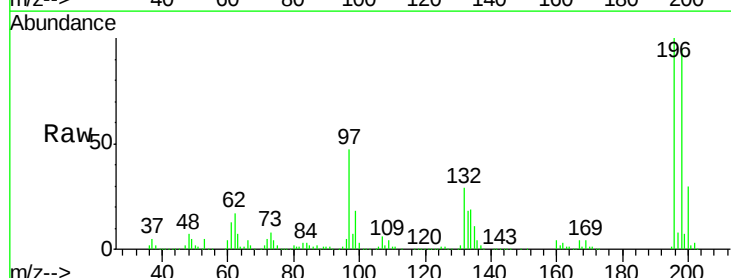
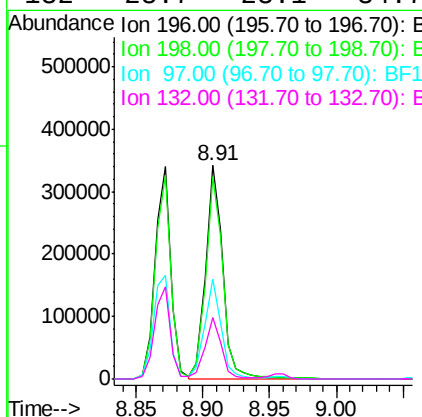
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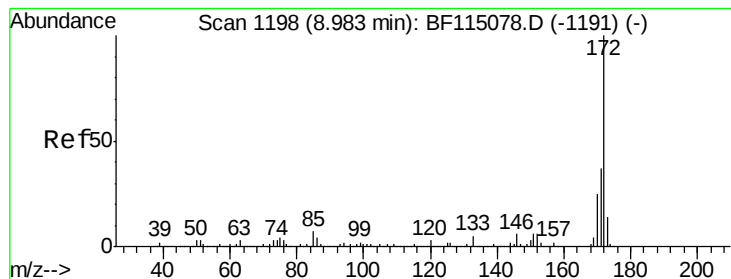
mohammad
 7/1/2019 5:58:59 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.209 ng
 RT: 8.91 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion:	196	Resp:	306138
Ion Ratio	Lower	Upper	
196	100		
198	94.9	77.1	115.7
97	46.6	37.7	56.5
132	28.7	23.1	34.7





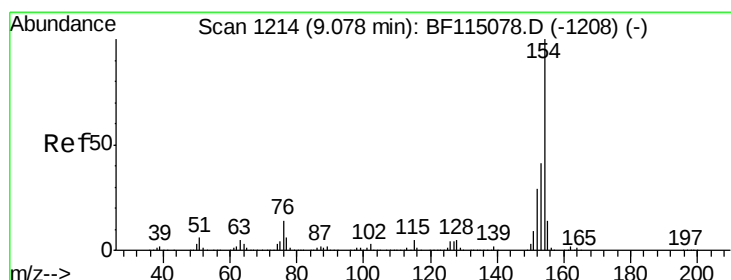
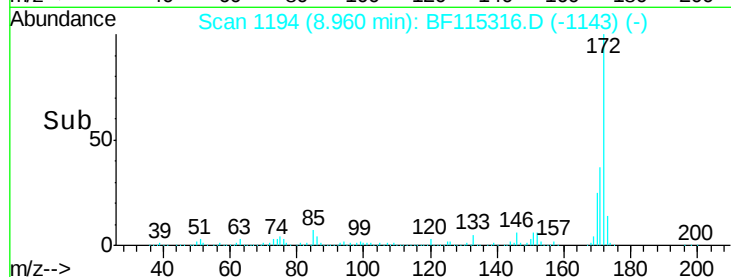
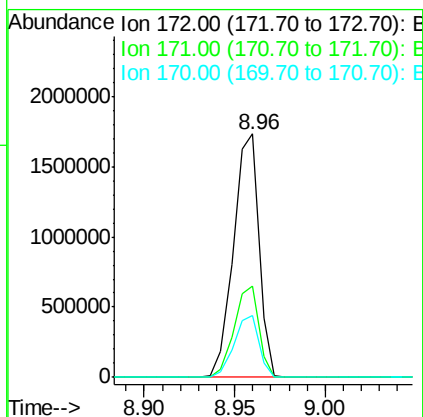
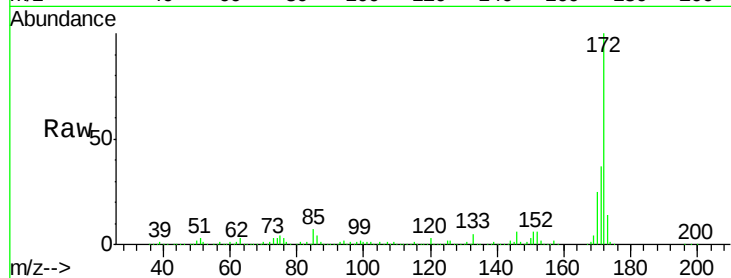
#45
2-Fluorobiphenyl
Concen: 82.777 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion:172 Resp: 1693591
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 25.4 20.3 30.5

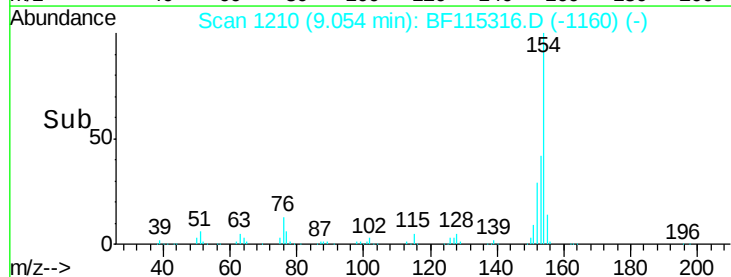
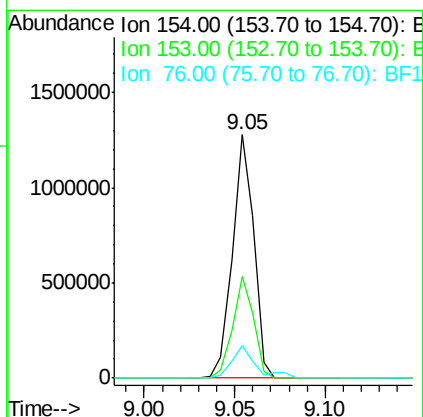
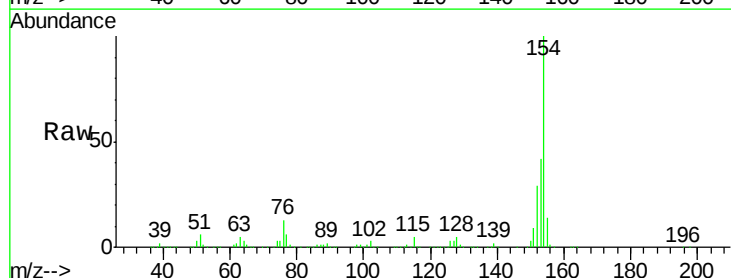
Manual Integrations
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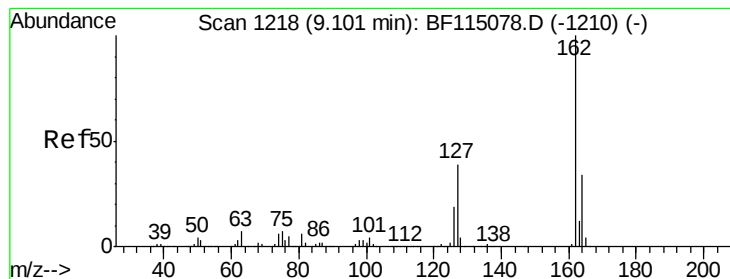
mohammad
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#46
1,1'-Biphenyl
Concen: 37.576 ng
RT: 9.05 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion:154 Resp: 1044897
Ion Ratio Lower Upper
154 100
153 41.6 20.9 60.9
76 13.3 0.0 34.1





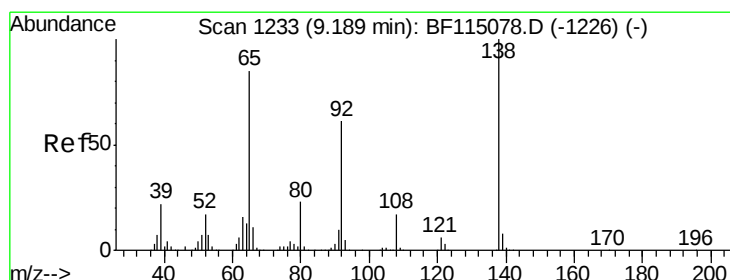
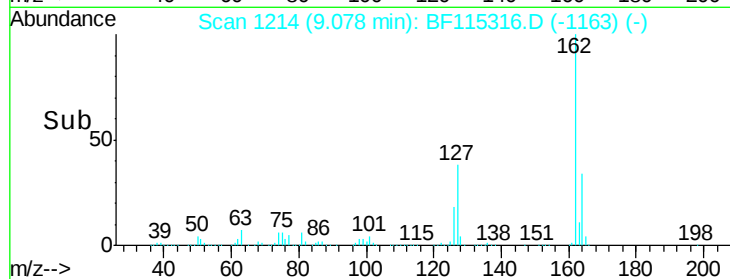
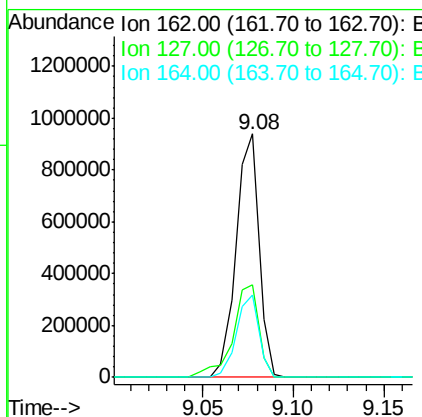
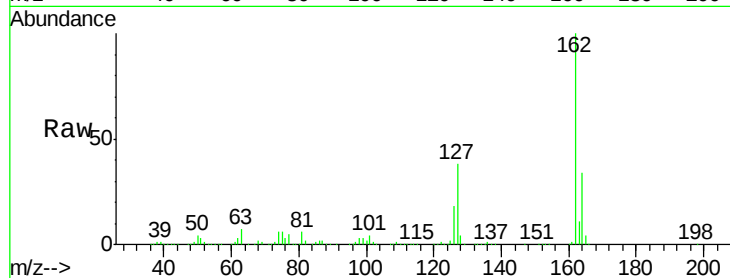
#47
 2-Chloronaphthalene
 Concen: 36.743 ng
 RT: 9.08 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	828768		
127	38.3	30.8	46.2	
164	33.9	27.0	40.4	

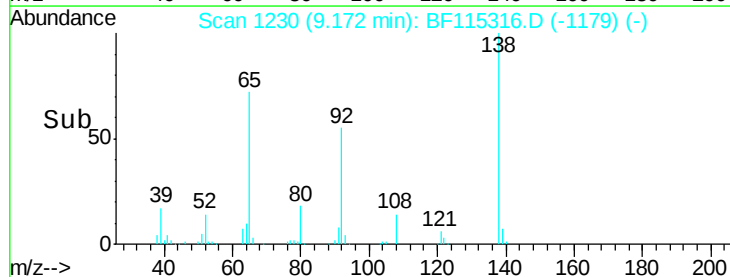
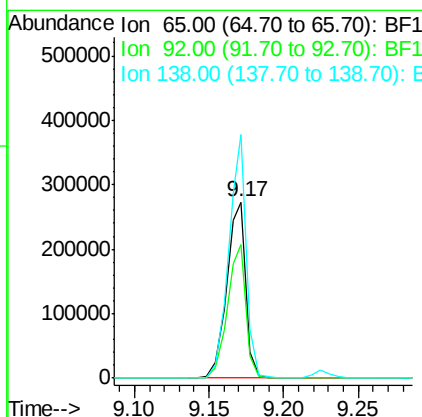
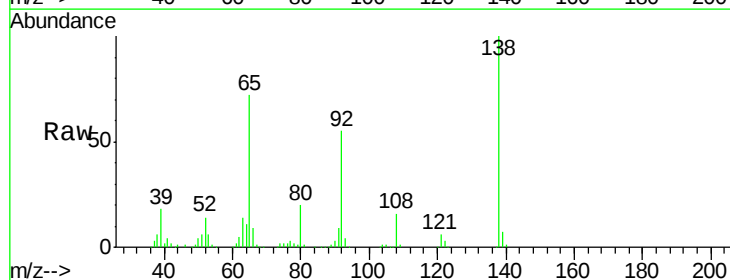
Manual Integrations
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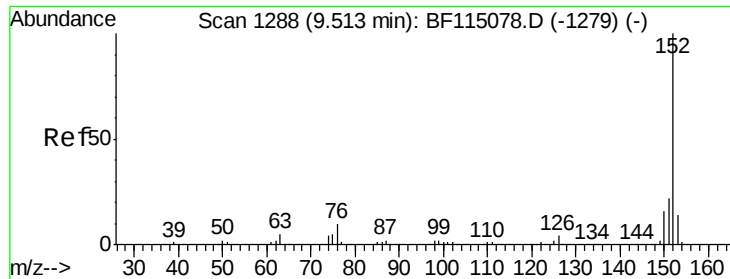
mohammad
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#48
 2-Nitroaniline
 Concen: 37.516 ng
 RT: 9.17 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	246710		
92	76.1	57.4	86.2	
138	138.2	94.1	141.1	





#49

Acenaphthylene

Concen: 37.421 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

Tgt Ion:152 Resp: 1315084

Ion Ratio Lower Upper

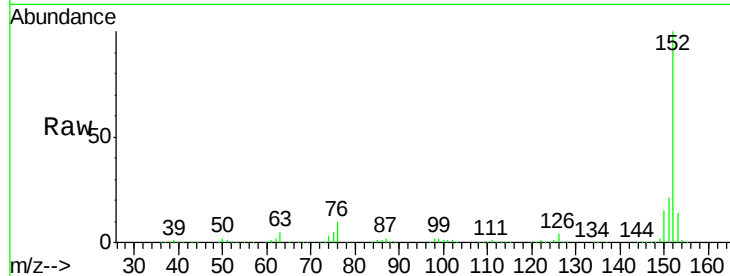
152 100

151 20.9 17.2 25.8

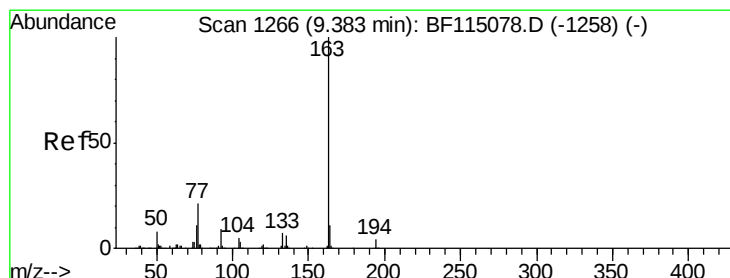
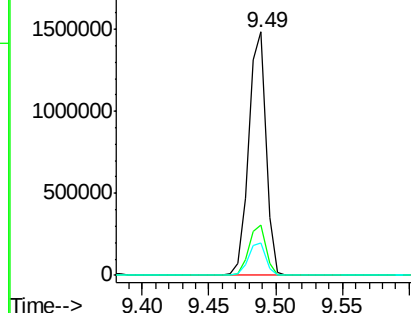
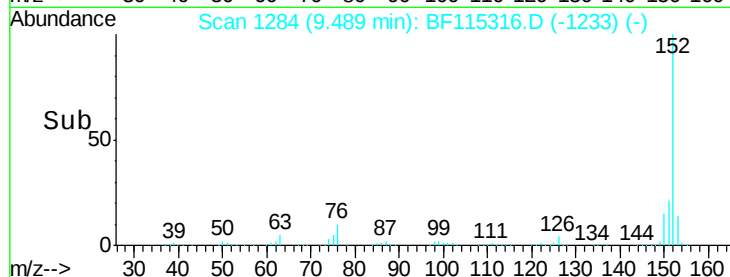
153 13.6 11.0 16.6

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Abundance Ion 152.00 (151.70 to 152.70): E
2000000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.372 ng

RT: 9.36 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

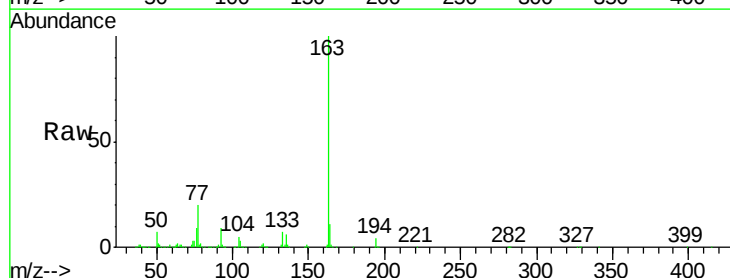
Tgt Ion:163 Resp: 1236817

Ion Ratio Lower Upper

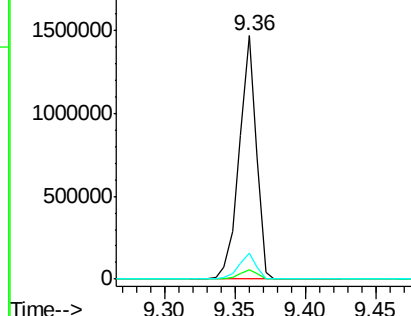
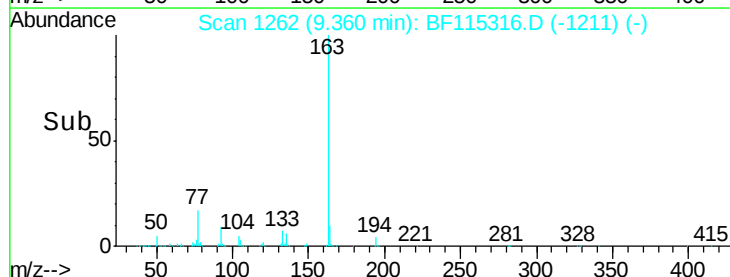
163 100

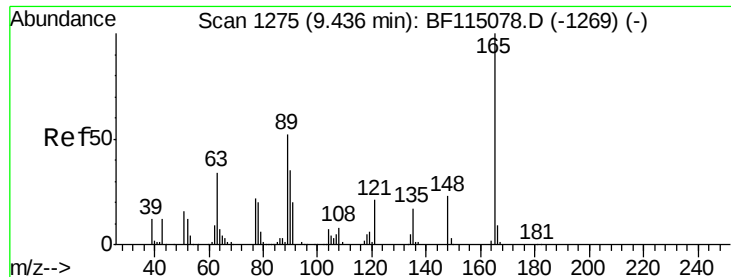
194 3.9 3.2 4.8

164 10.6 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
2000000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





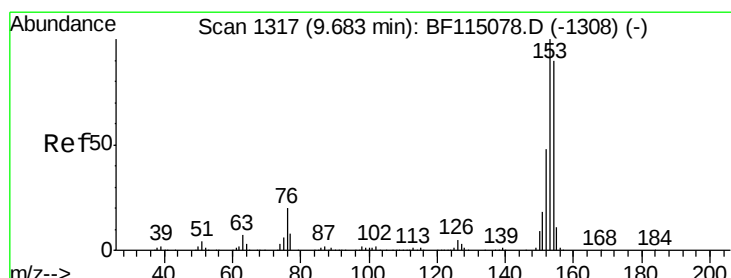
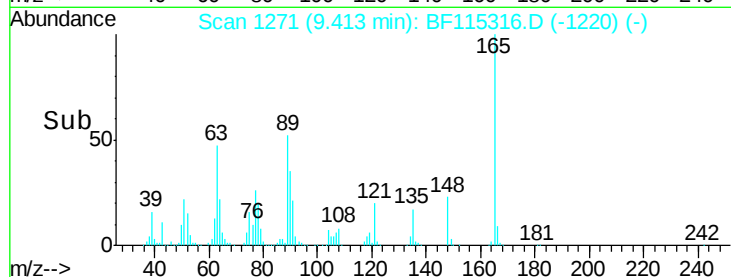
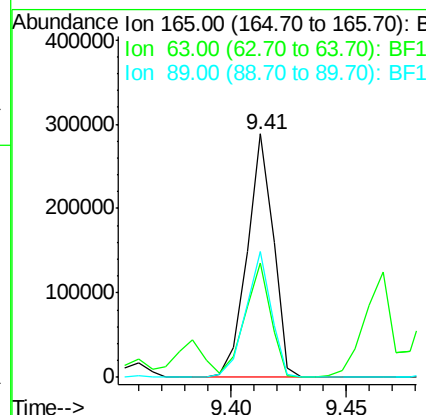
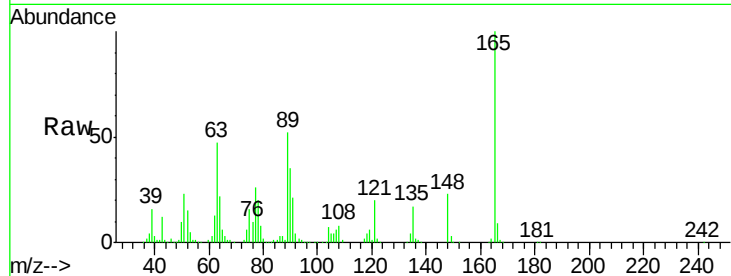
#51
2,6-Dinitrotoluene
Concen: 38.737 ng
RT: 9.41 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	228666		
63	47.2	39.4	59.2	
89	51.8	42.0	63.0	

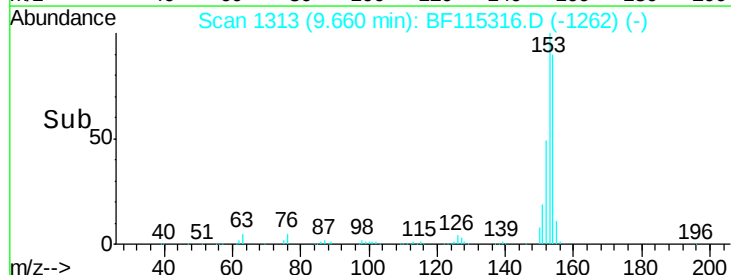
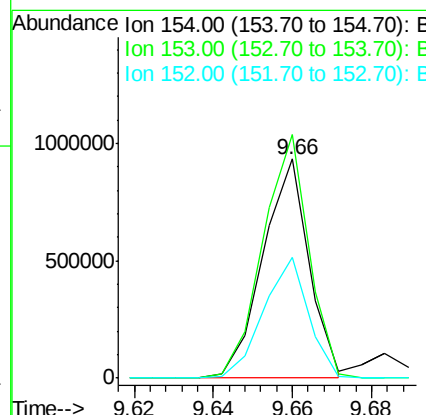
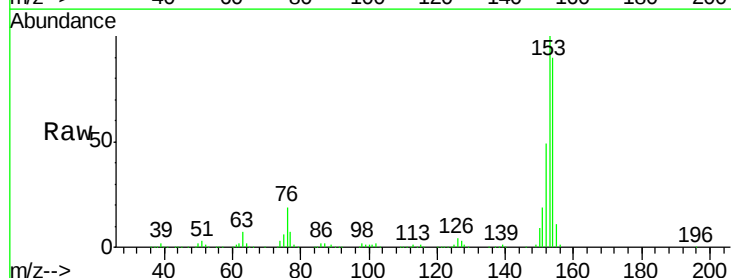
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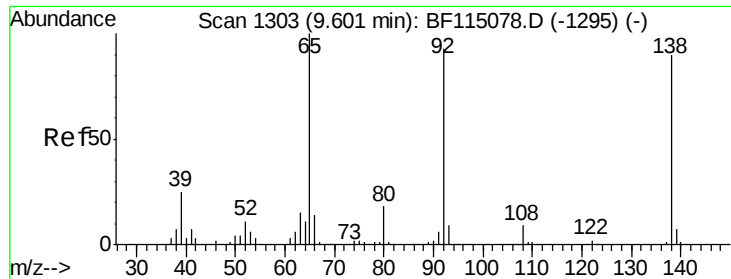
mohammad
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#52
Acenaphthene
Concen: 34.306 ng m
RT: 9.66 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	754423		
153	111.3	88.7	133.1	
152	55.0	42.6	64.0	





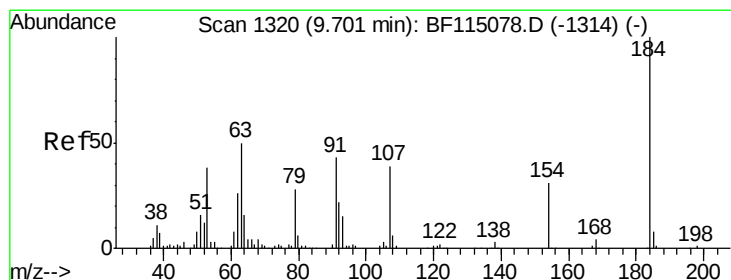
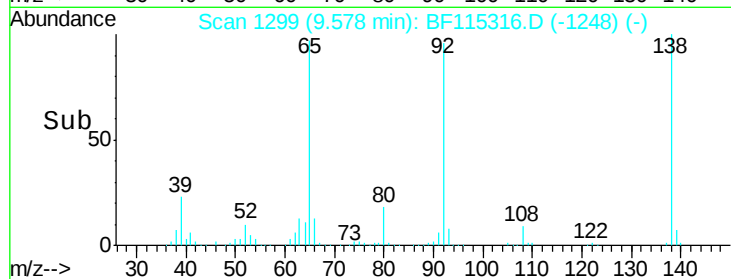
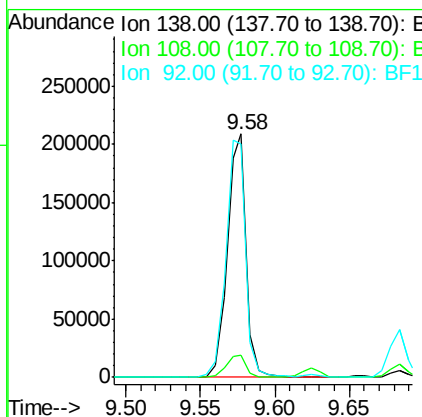
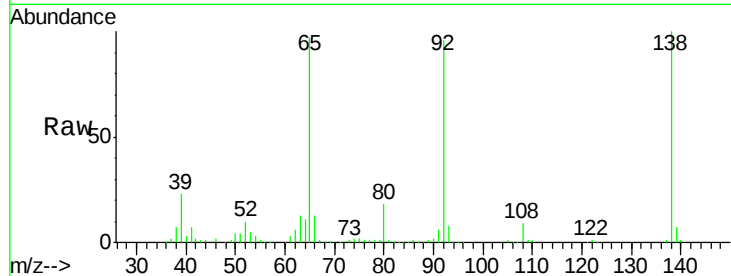
#53
3-Nitroaniline
Concen: 25.778 ng
RT: 9.58 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	185695		
108	9.2	7.8	11.6	
92	95.9	82.9	124.3	

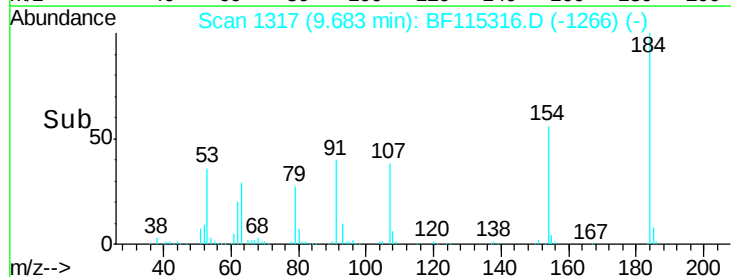
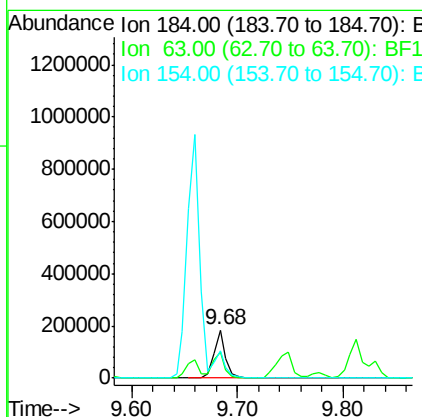
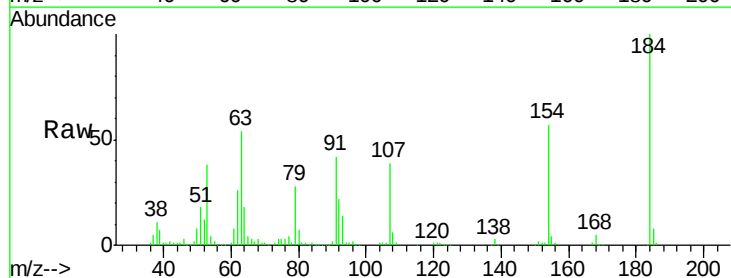
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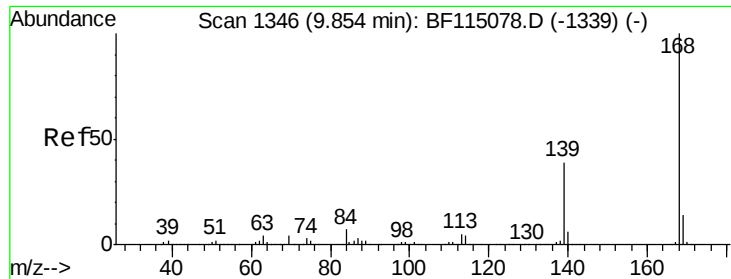
mohammad
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#54
2,4-Dinitrophenol
Concen: 50.157 ng
RT: 9.68 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	143190		
63	53.8	41.9	62.9	
154	56.7	44.7	67.1	





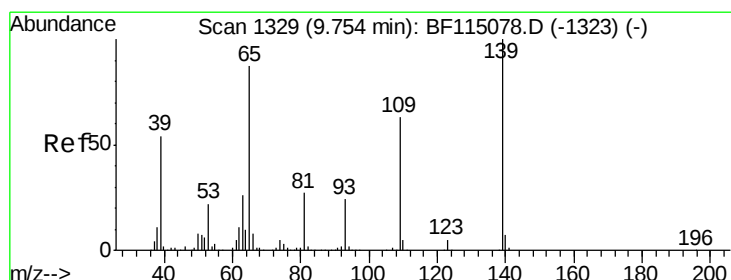
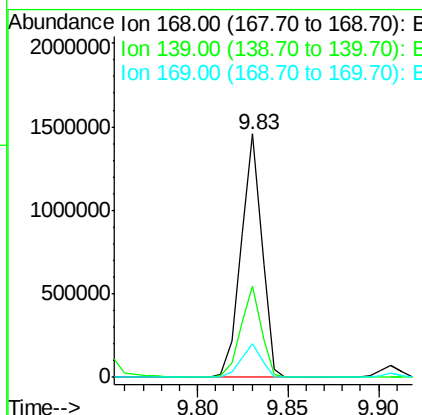
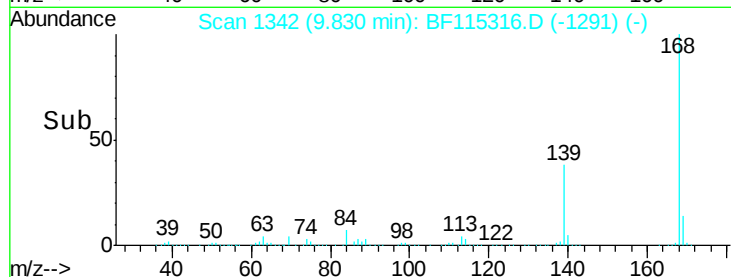
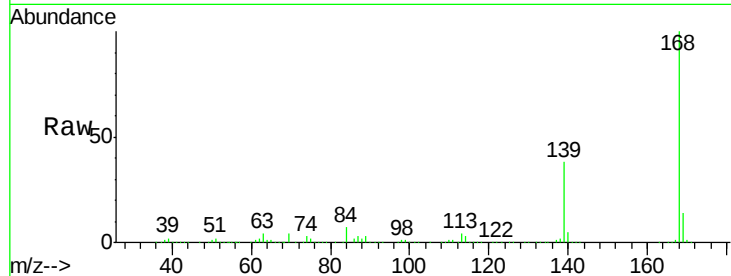
#55
Dibenzenofuran
Concen: 36.702 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.6	31.1	46.7
169	13.8	11.3	16.9

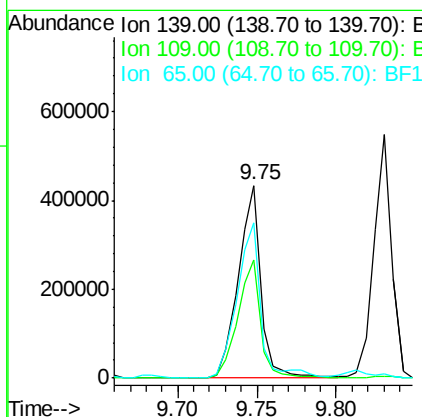
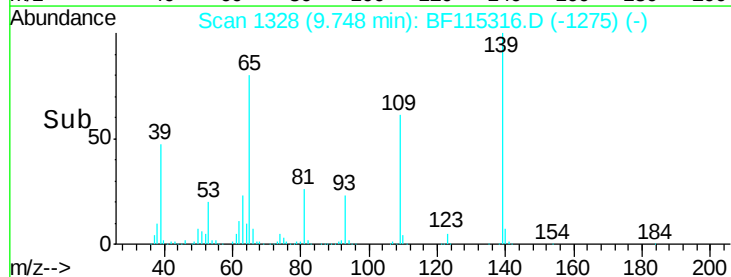
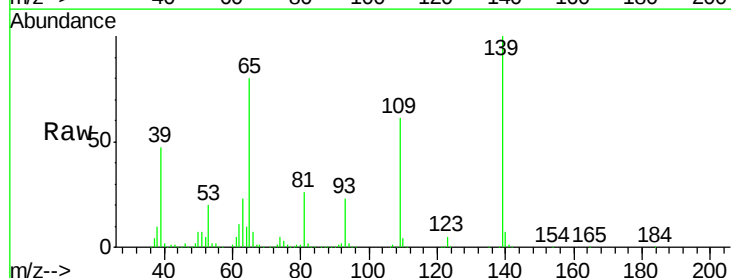
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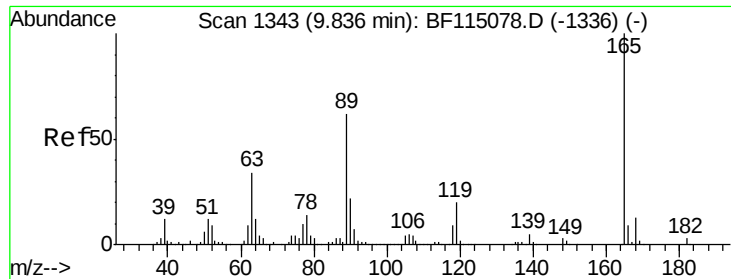
mohammad
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#56
4-Nitrophenol
Concen: 74.417 ng
RT: 9.75 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.1	43.0	83.0
65	80.3	67.0	107.0





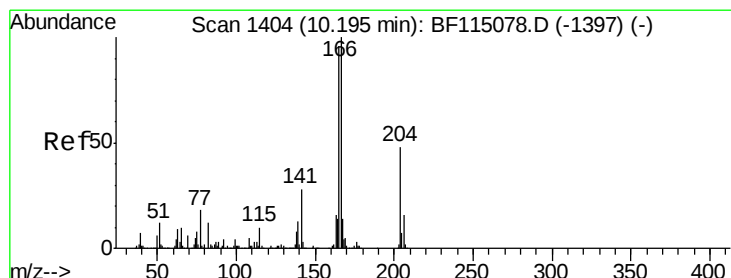
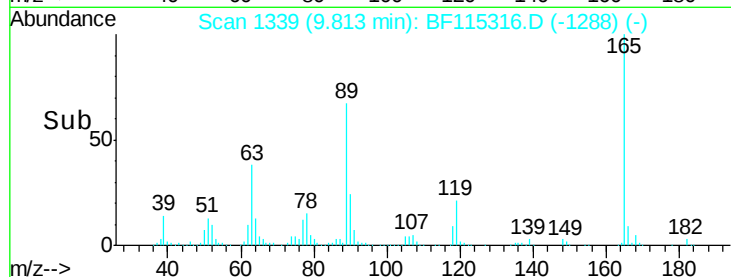
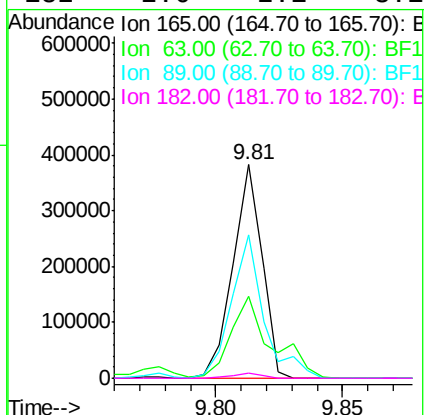
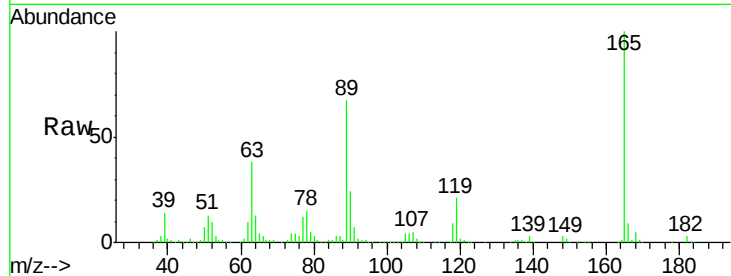
#57
 2,4-Dinitrotoluene
 Concen: 39.912 ng
 RT: 9.81 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	304209		
63	38.4	27.5	41.3	
89	67.0	49.9	74.9	
182	2.6	2.1	3.1	

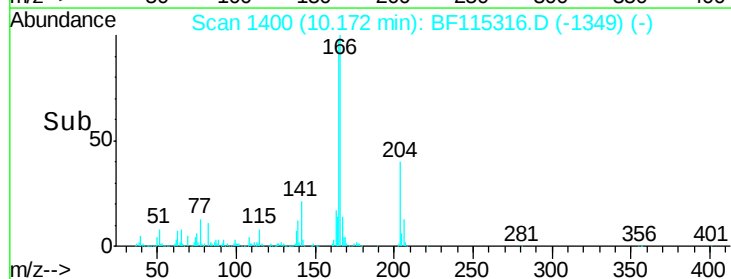
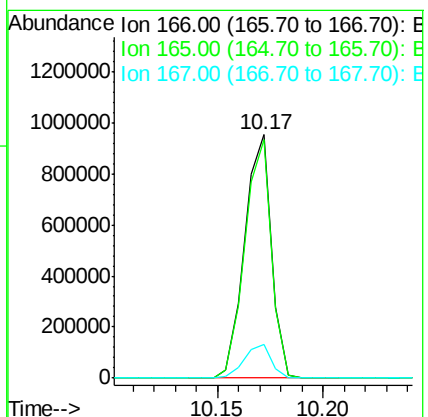
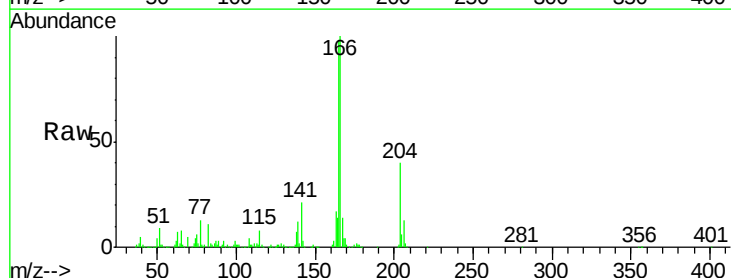
Manual Integrations
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 7/1/2019 5:58:59 PM



#58
 Fluorene
 Concen: 38.977 ng
 RT: 10.17 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	837601		
165	97.9	76.5	114.7	
167	13.8	11.0	16.4	





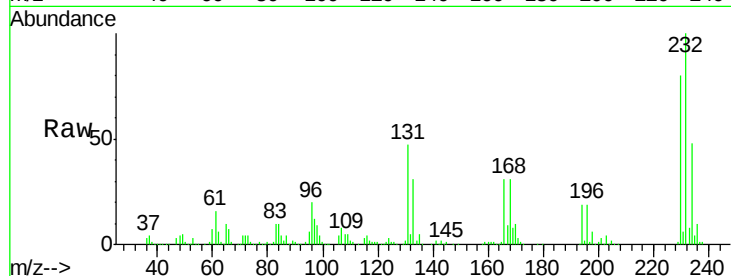
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.438 ng
 RT: 9.95 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

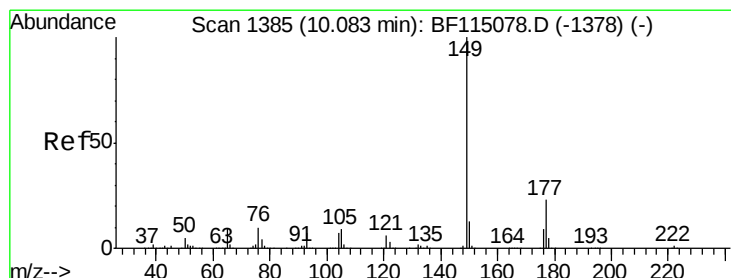
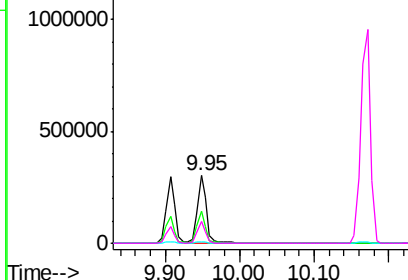
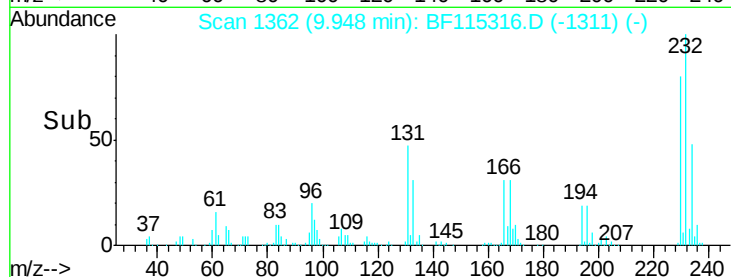
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	258206		
131	43.9	37.4	56.0	
130	2.1	1.8	2.6	
166	29.1	24.6	36.8	

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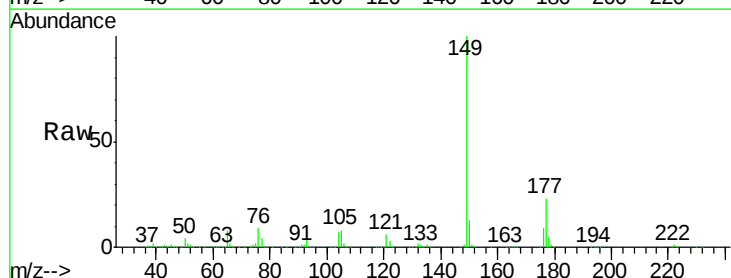


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

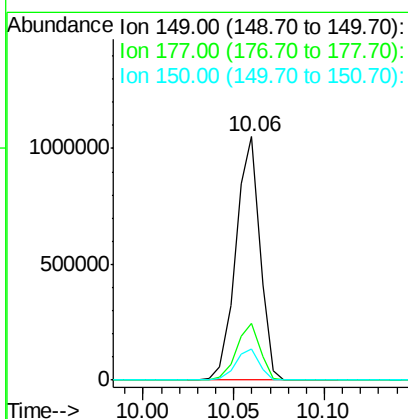
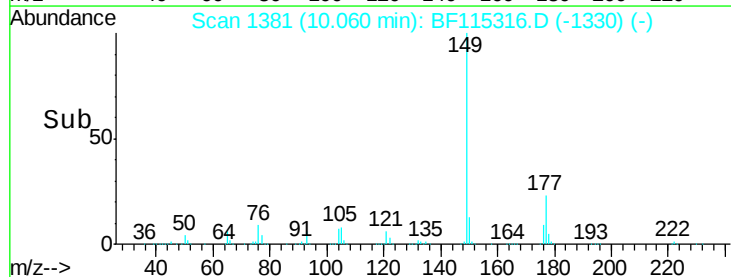


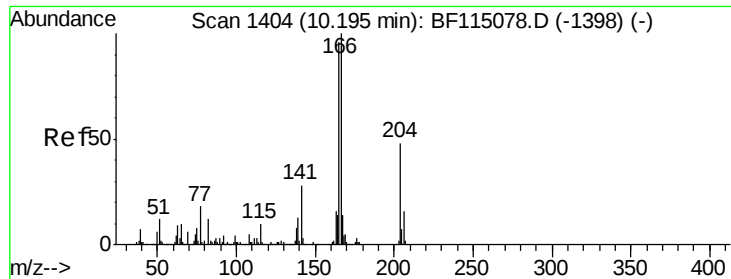
#60
 Diethylphthalate
 Concen: 37.649 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF115316.D
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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	967644		
177	23.4	18.7	28.1	
150	12.9	10.4	15.6	



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





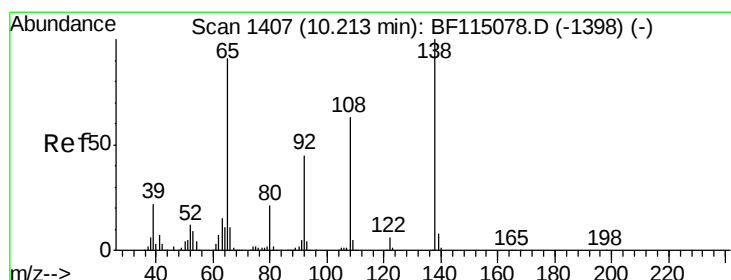
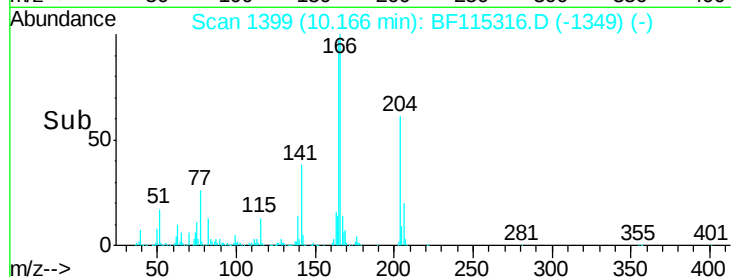
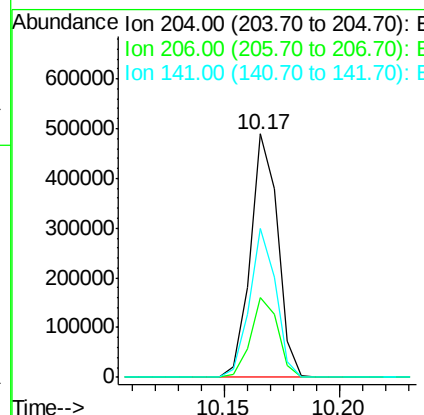
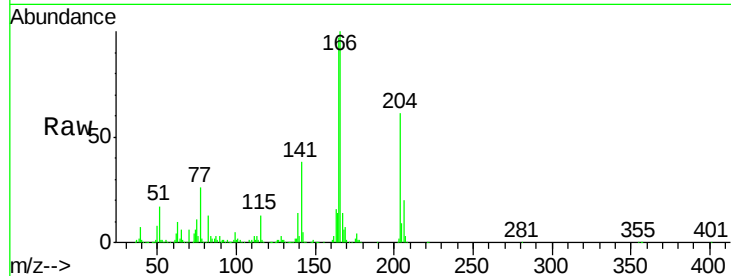
#61
4-Chlorophenyl-phenylether
Concen: 39.740 ng
RT: 10.17 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	404799		
206	32.6	26.6	40.0	
141	61.1	46.7	70.1	

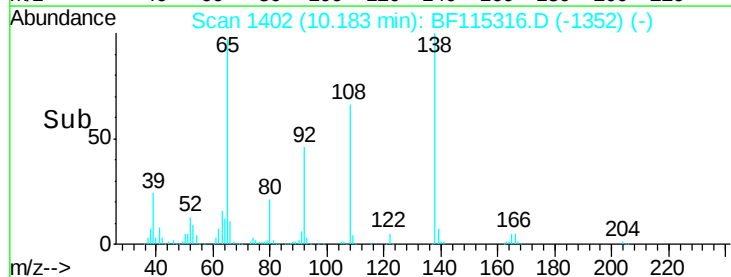
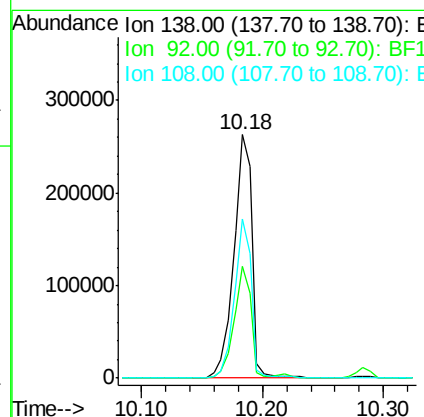
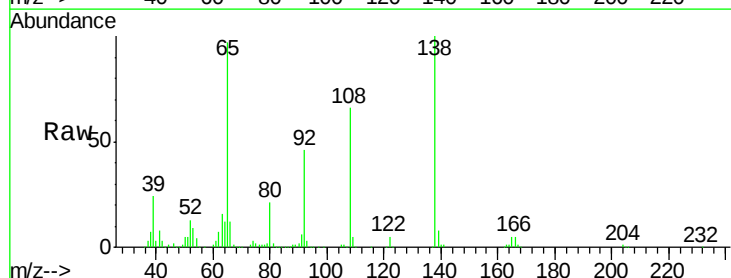
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#62
4-Nitroaniline
Concen: 37.791 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	273100		
92	45.9	24.8	64.8	
108	65.5	43.3	83.3	





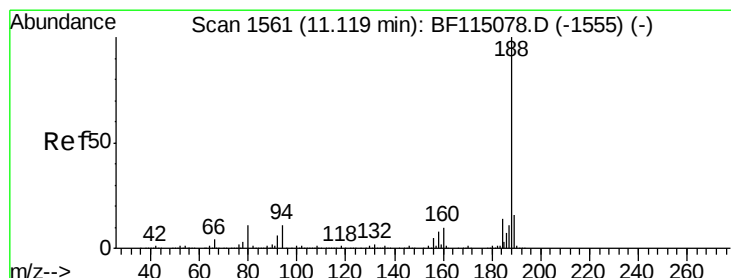
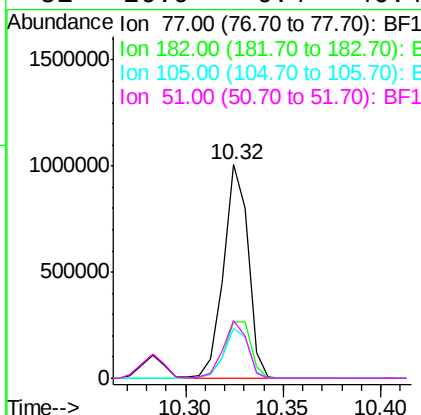
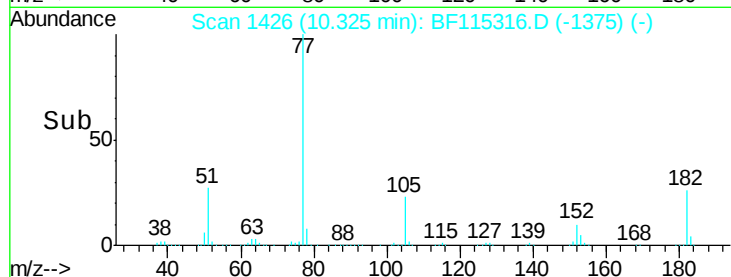
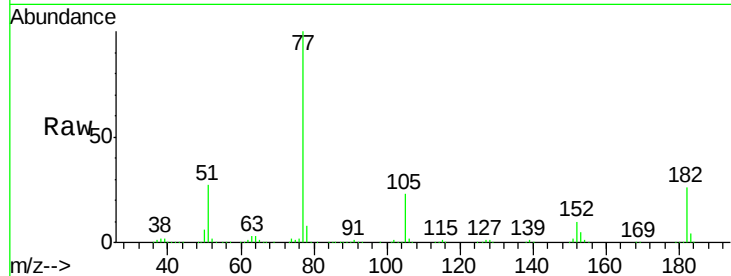
#63
Azobenzene
Concen: 36.524 ng
RT: 10.32 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.5	10.1	50.1
105	23.3	4.5	44.5
51	26.9	6.4	46.4

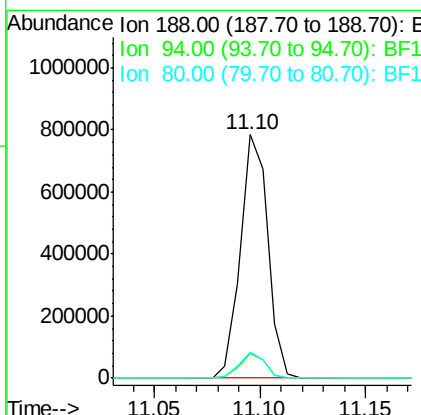
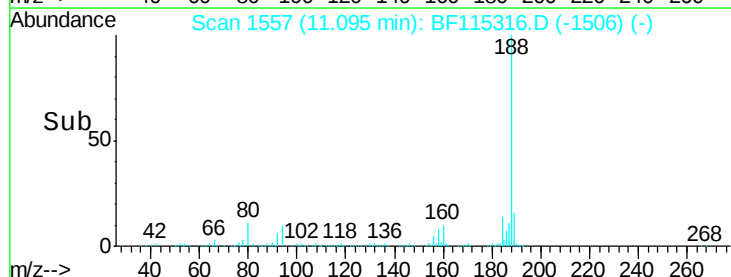
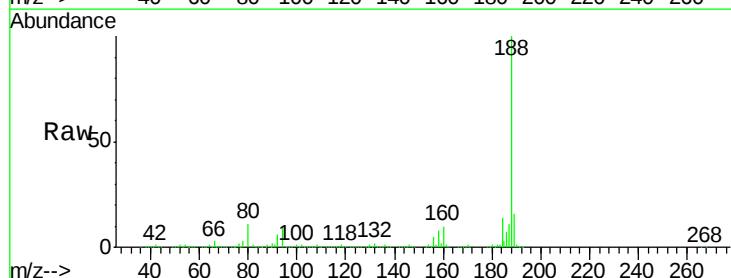
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.6	12.8
80	10.7	8.8	13.2





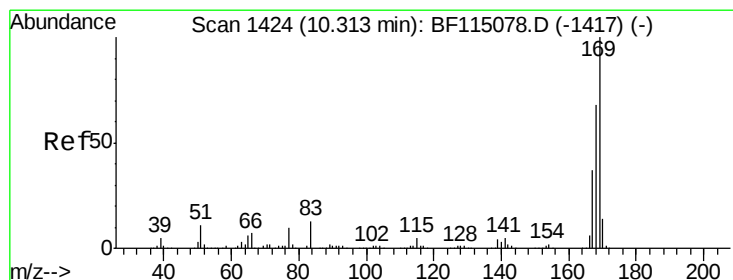
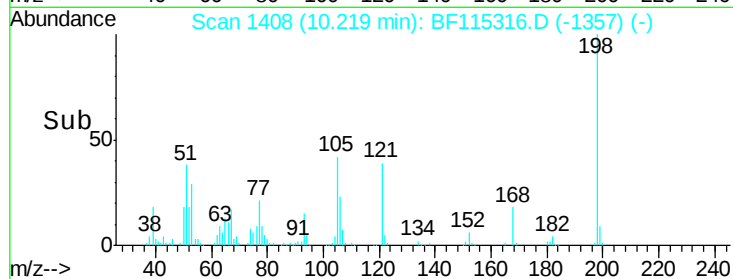
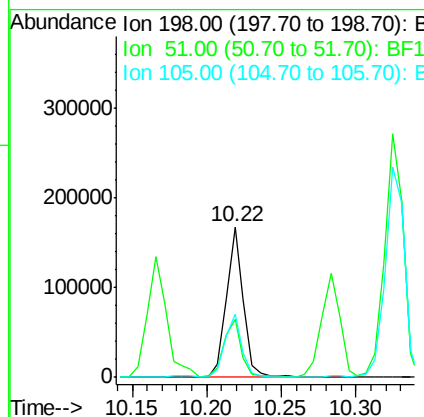
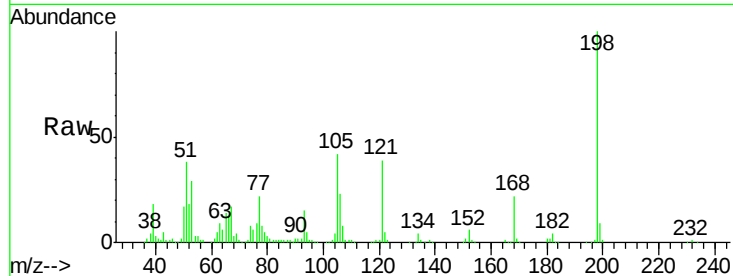
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.326 ng
 RT: 10.22 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

Tgt Ion	Ratio	Lower	Upper
198	100		
51	38.5	11.0	51.0
105	42.3	17.3	57.3

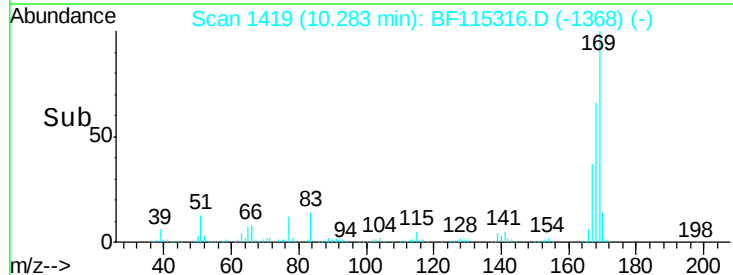
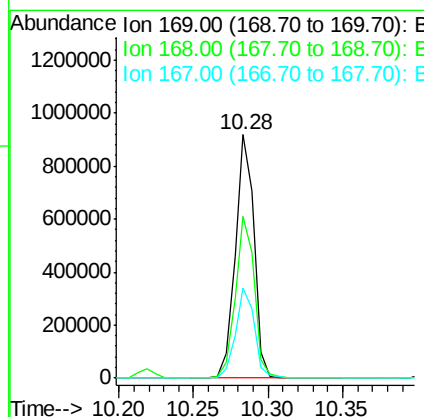
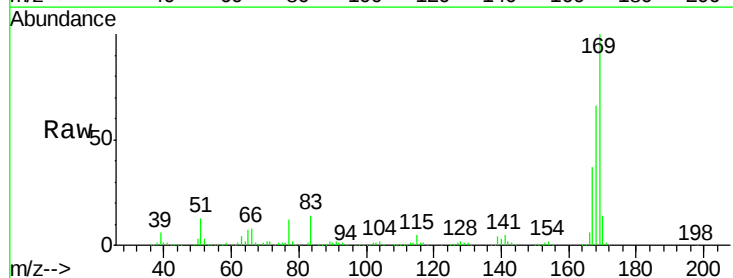
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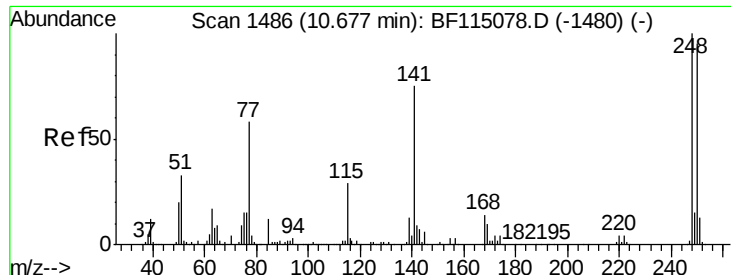
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#66
 n-Nitrosodiphenylamine
 Concen: 36.920 ng
 RT: 10.28 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	54.2	81.4
167	36.7	29.4	44.0





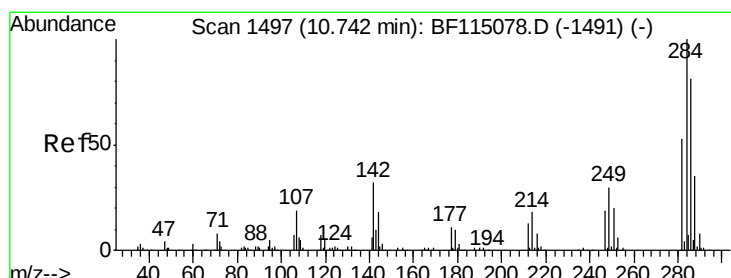
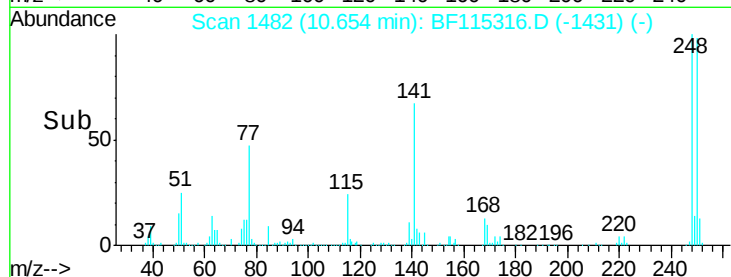
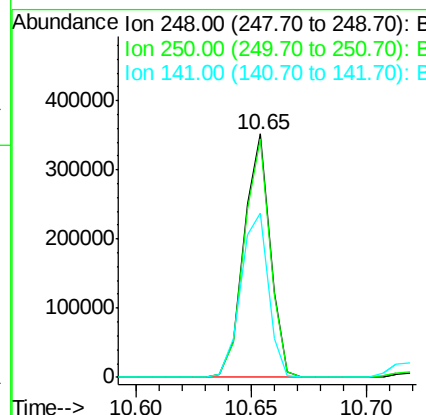
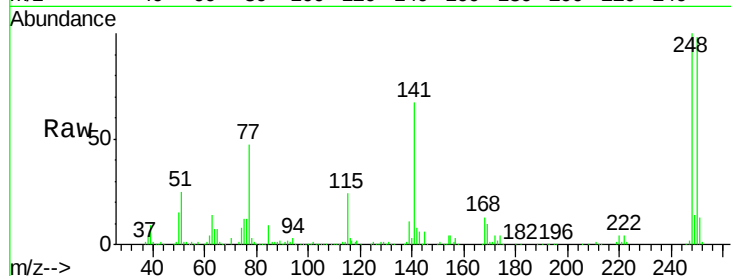
#67
 4-Bromophenyl-phenylether
 Concen: 36.528 ng
 RT: 10.65 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.2	114.2
141	67.3	59.6	89.4

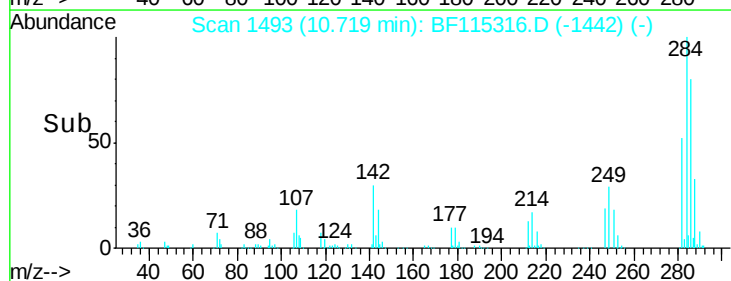
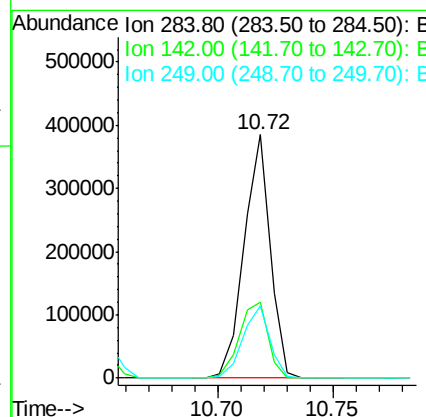
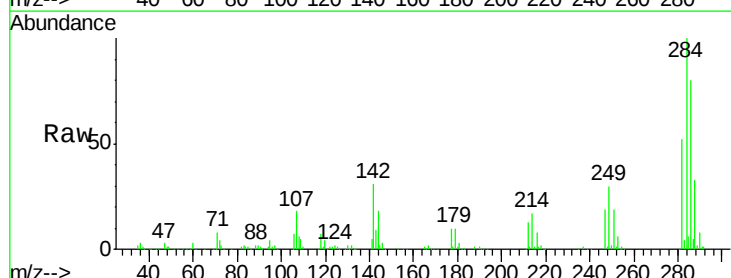
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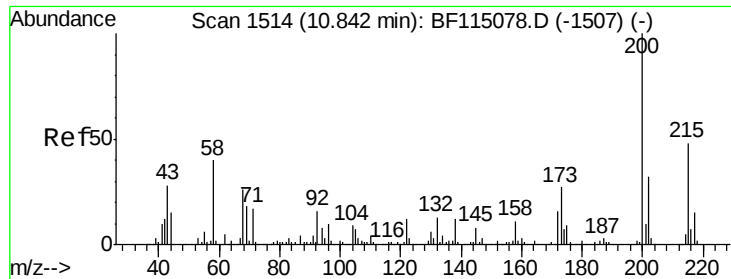
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#68
 Hexachlorobenzene
 Concen: 36.740 ng
 RT: 10.72 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	25.8	38.8
249	29.7	24.2	36.4





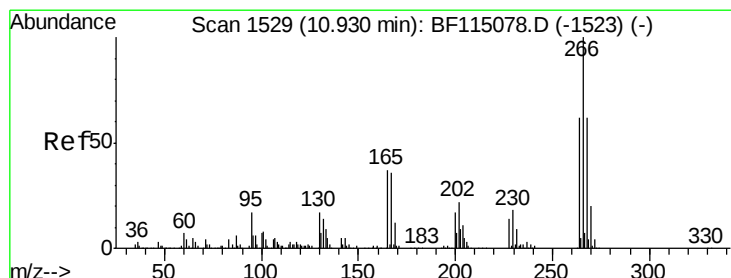
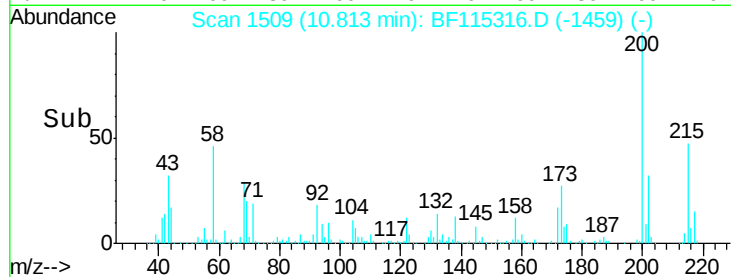
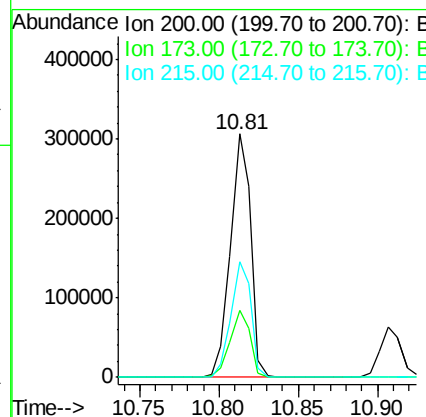
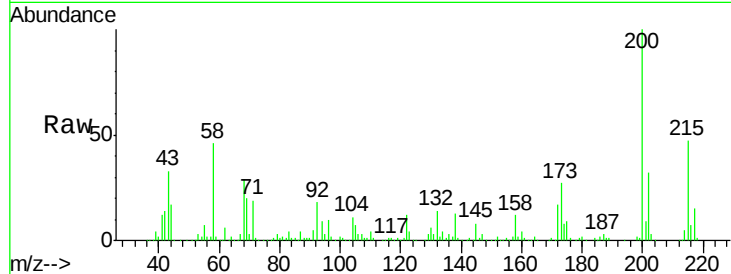
#69
 Atrazine
 Concen: 38.290 ng
 RT: 10.81 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.5	7.4	47.4
215	47.4	27.8	67.8

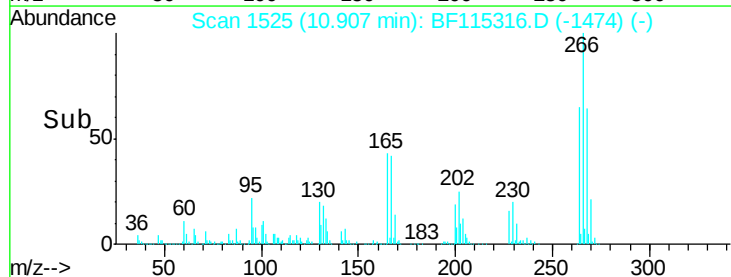
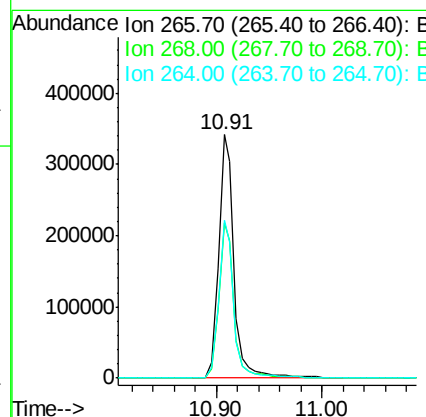
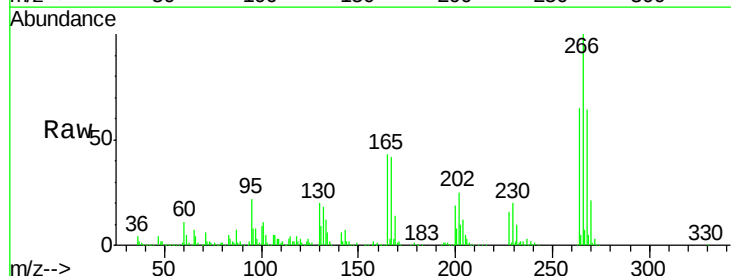
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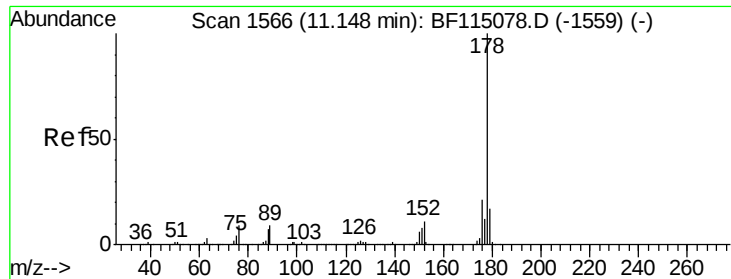
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#70
 Pentachlorophenol
 Concen: 66.625 ng
 RT: 10.91 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.0	49.5	74.3
264	64.8	49.3	73.9





#71

Phenanthrene

Concen: 35.920 ng

RT: 11.12 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

Tgt Ion:178 Resp: 1362807

Ion Ratio Lower Upper

178 100

176 20.6 16.9 25.3

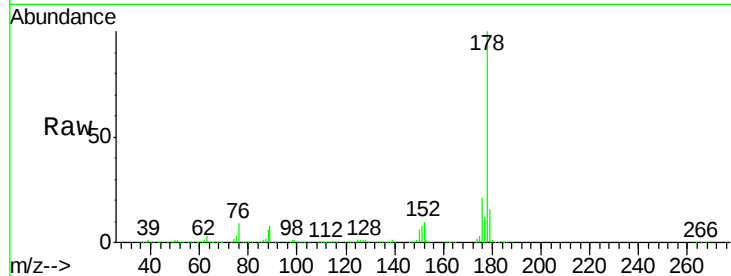
179 15.8 13.2 19.8

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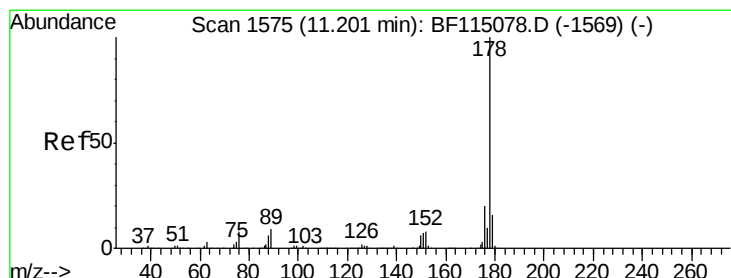
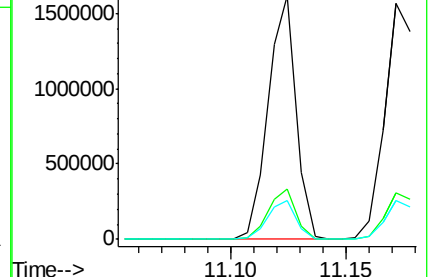
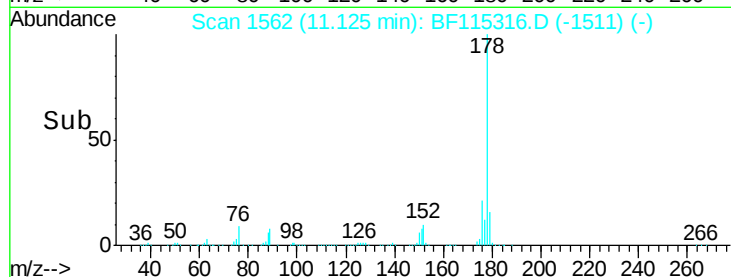
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.288 ng

RT: 11.17 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

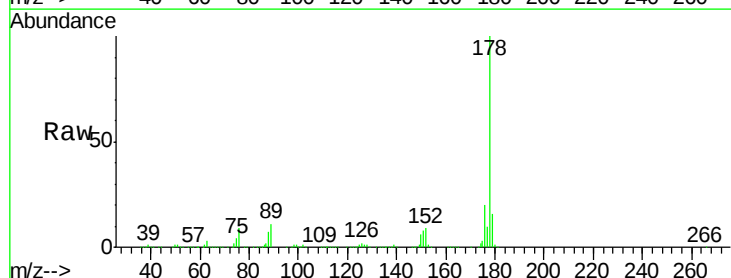
Tgt Ion:178 Resp: 1428021

Ion Ratio Lower Upper

178 100

176 20.0 16.1 24.1

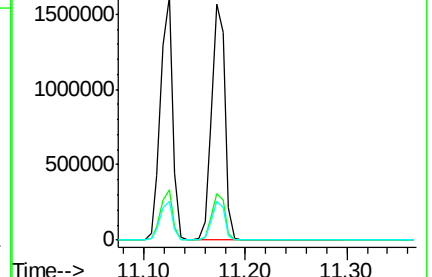
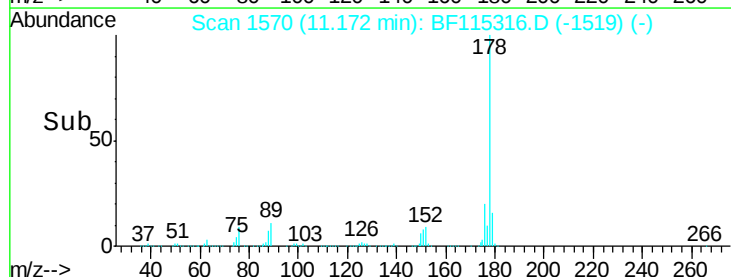
179 16.3 12.9 19.3



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





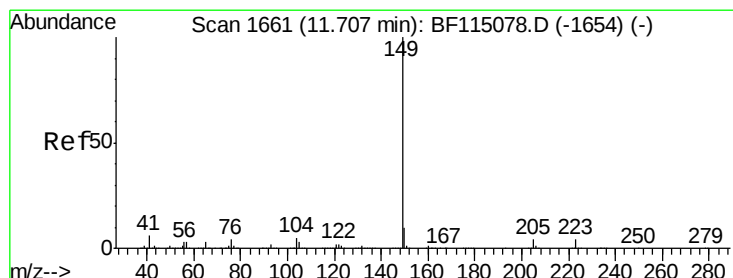
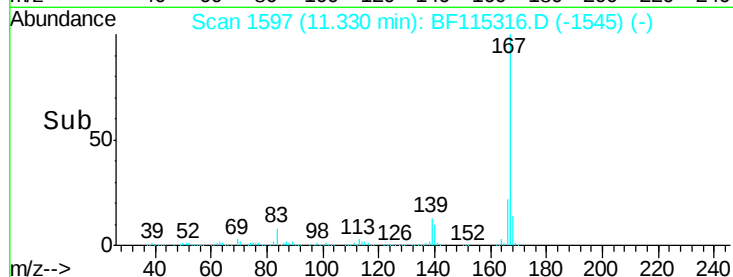
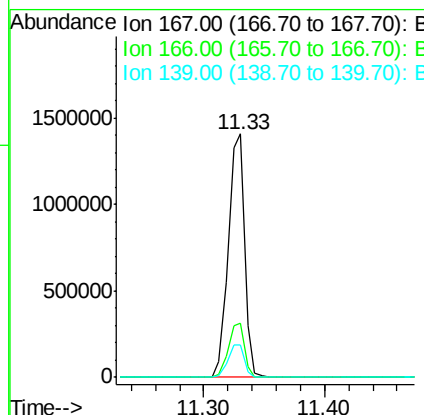
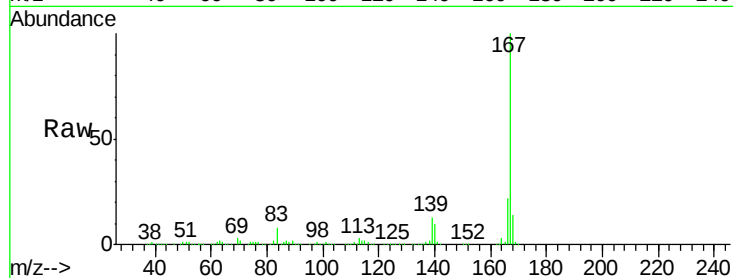
#73
 Carbazole
 Concen: 38.741 ng
 RT: 11.33 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

Tgt Ion:167 Resp: 1324863
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 13.1 11.1 16.7

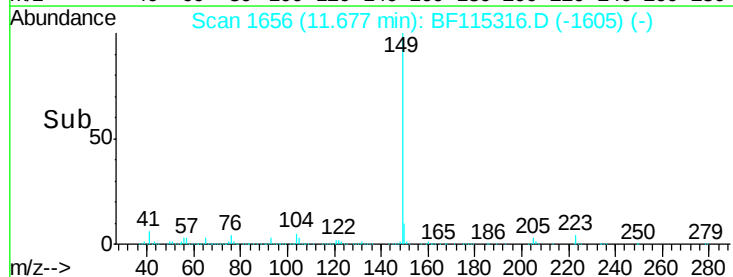
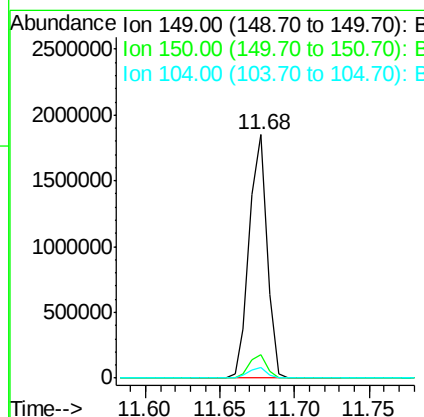
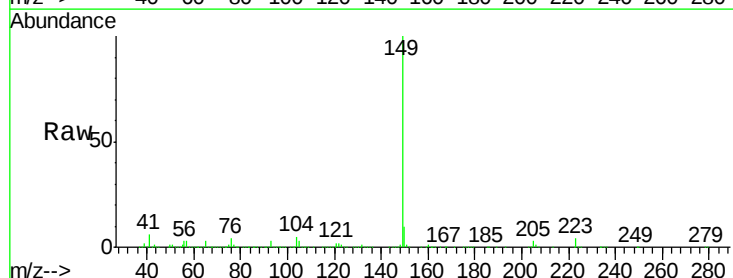
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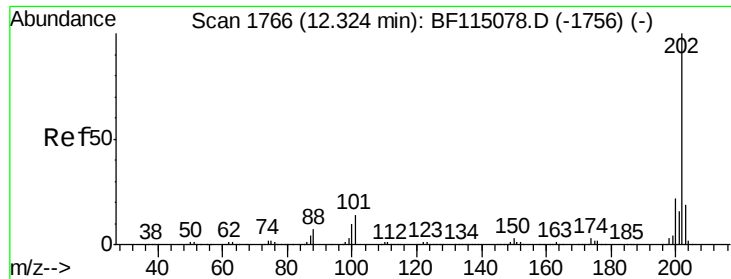
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#74
 Di-n-butylphthalate
 Concen: 38.727 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion:149 Resp: 1530428
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 4.5 3.7 5.5





#75

Fluoranthene

Concen: 38.502 ng

RT: 12.30 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

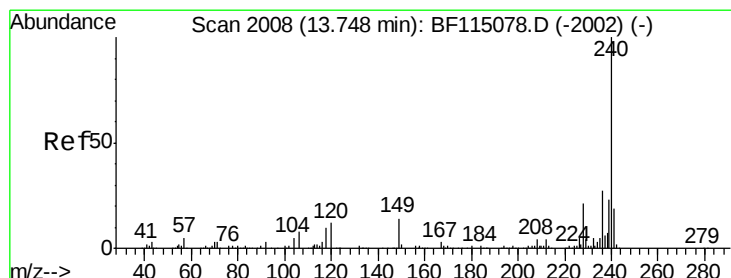
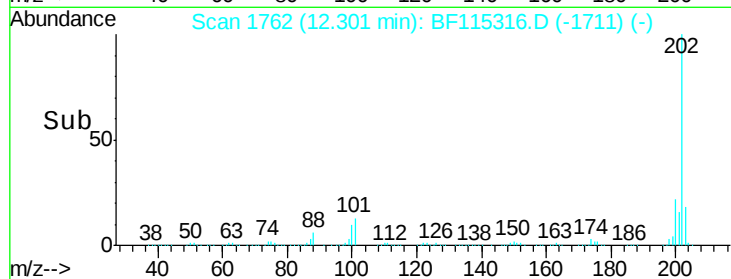
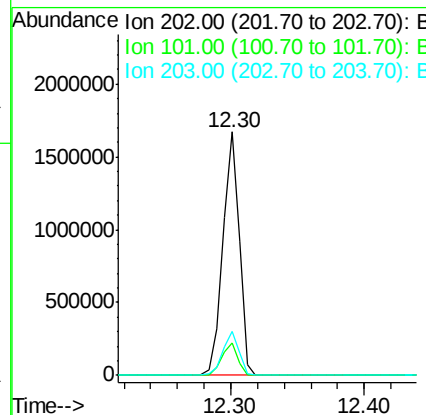
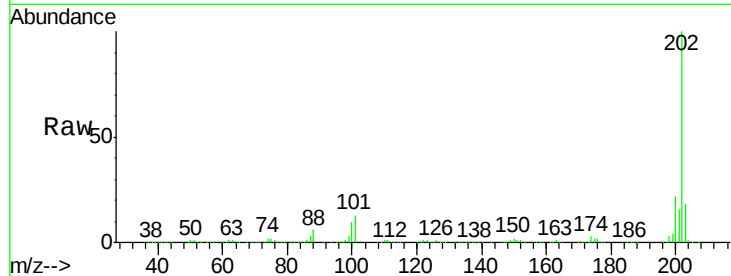
ClientSampleId :

SAMPLE-14MSD

Tgt Ion:	202	Resp:	1457467
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	34.0
203	18.3	0.0	38.8

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

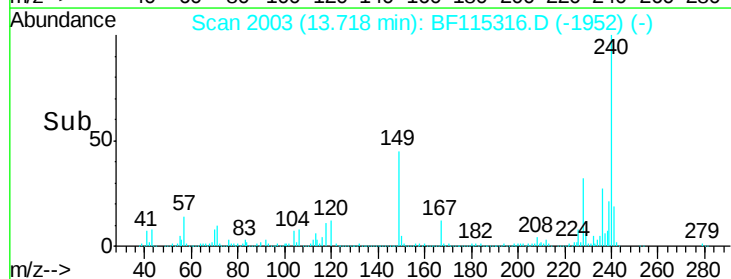
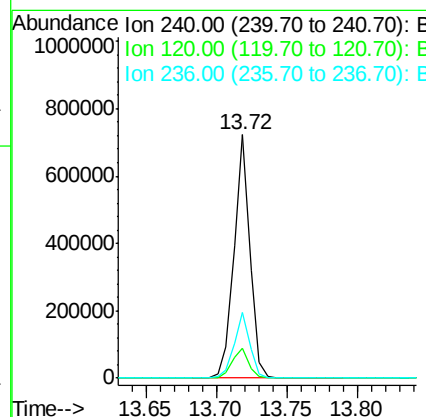
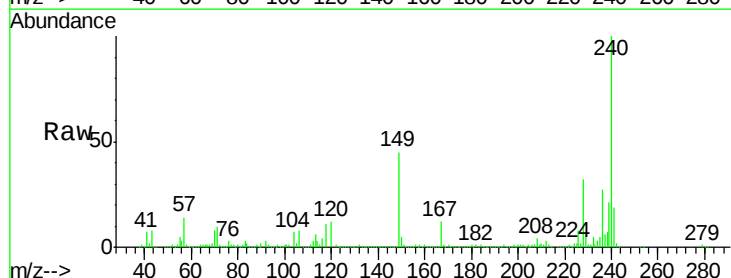
RT: 13.72 min Scan# 2003

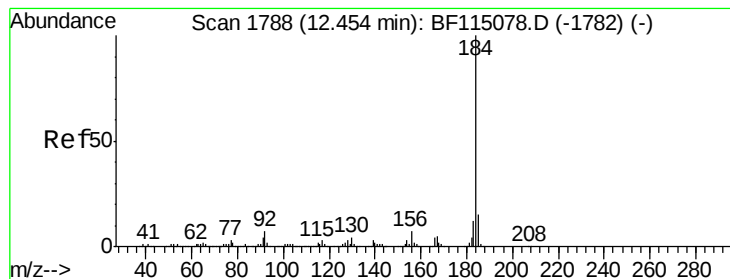
Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Tgt Ion:	240	Resp:	564820
Ion Ratio	Lower	Upper	
240	100		
120	12.3	9.4	14.2
236	26.9	21.7	32.5





#77

Benzidine

Concen: 8.963 ng

RT: 12.42 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

Tgt Ion:184 Resp: 224805

Ion Ratio Lower Upper

184 100

185 17.3 12.2 18.2

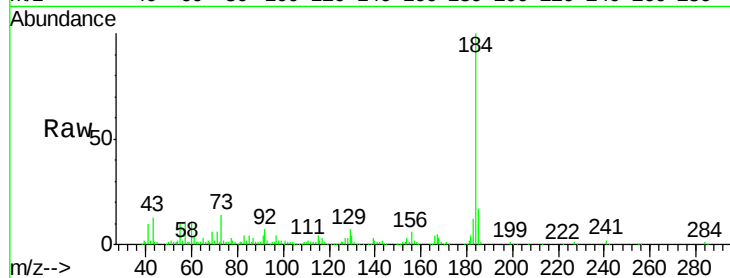
183 11.6 9.6 14.4

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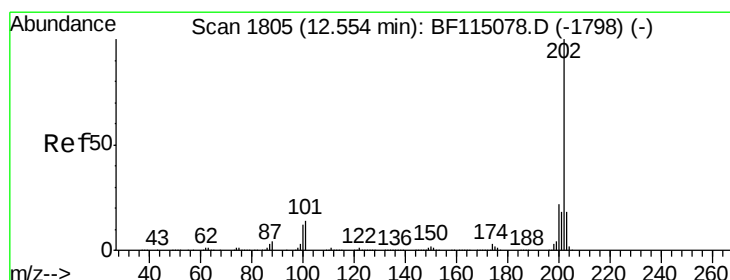
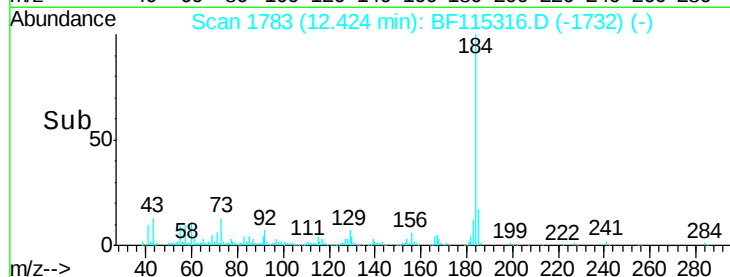
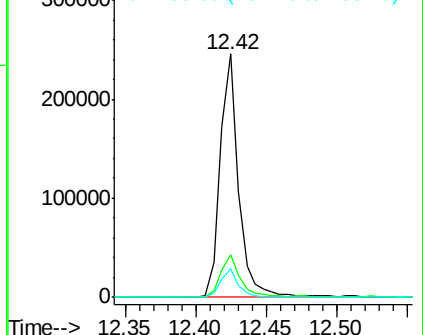
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.720 ng

RT: 12.52 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

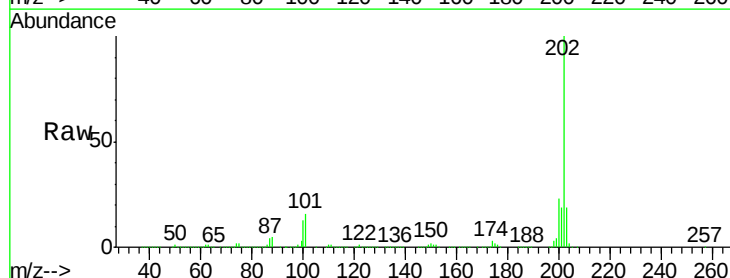
Tgt Ion:202 Resp: 1507085

Ion Ratio Lower Upper

202 100

200 22.8 17.9 26.9

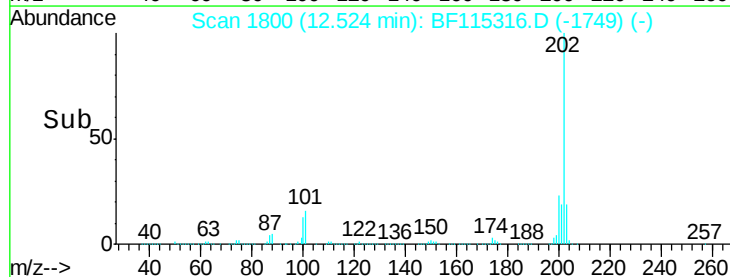
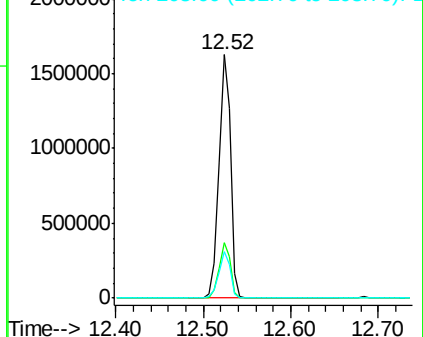
203 18.9 14.6 21.8

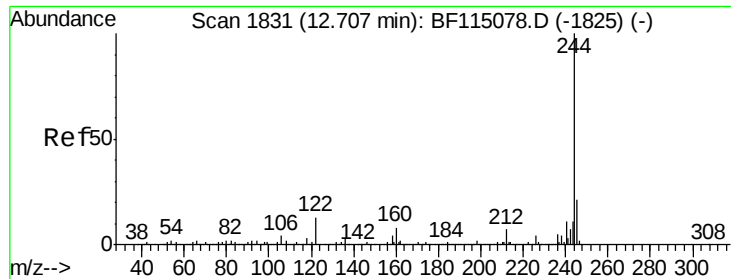


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





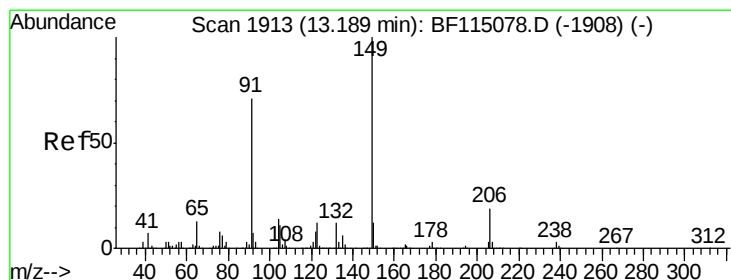
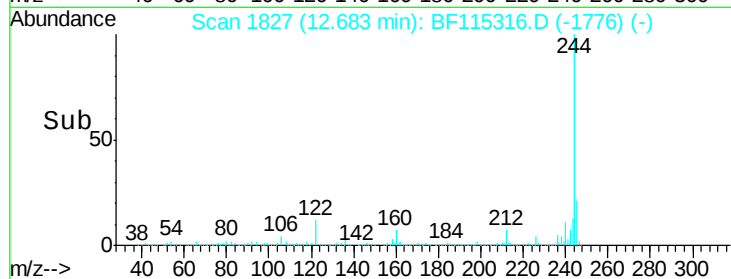
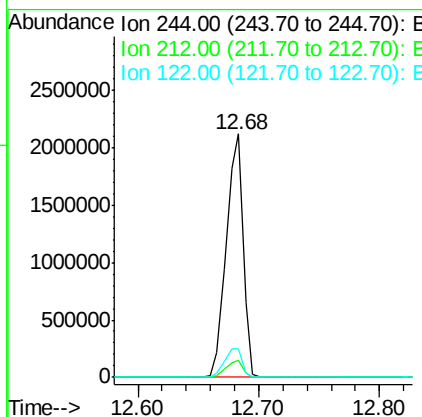
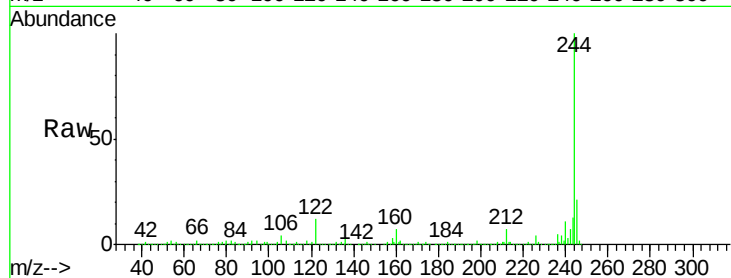
#79
 Terphenyl-d14
 Concen: 77.387 ng
 RT: 12.68 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

Tgt Ion:244 Resp: 2055807
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 11.7 10.4 15.6

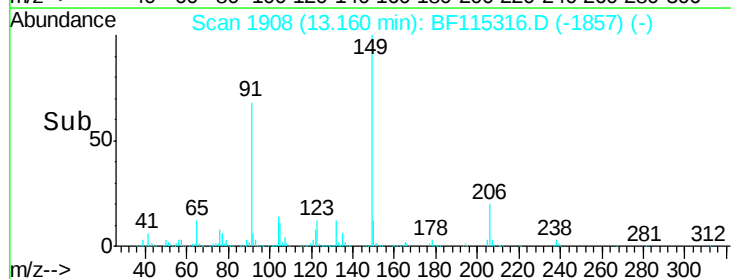
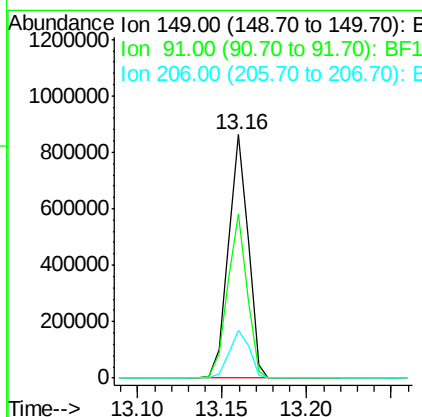
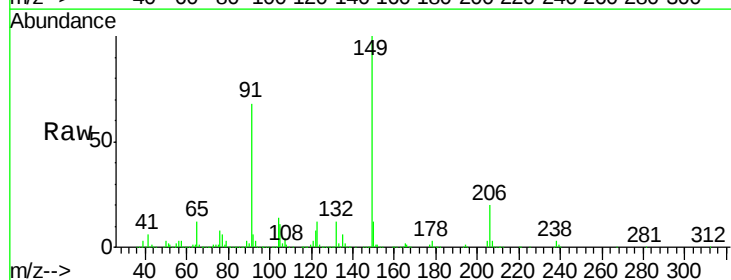
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#80
 Butylbenzylphthalate
 Concen: 36.258 ng
 RT: 13.16 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion:149 Resp: 694560
 Ion Ratio Lower Upper
 149 100
 91 67.6 56.5 84.7
 206 19.6 15.3 22.9





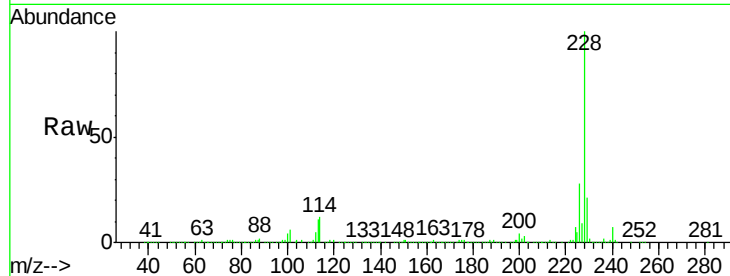
#81
Benzo(a)anthracene
Concen: 35.034 ng
RT: 13.71 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

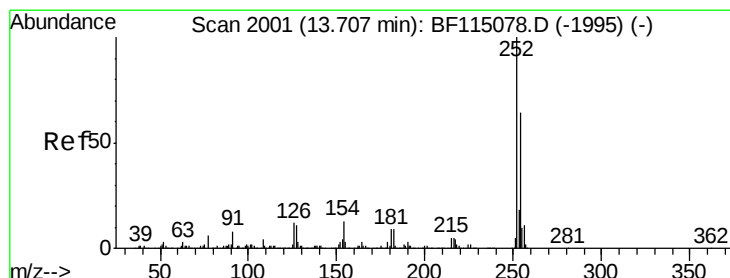
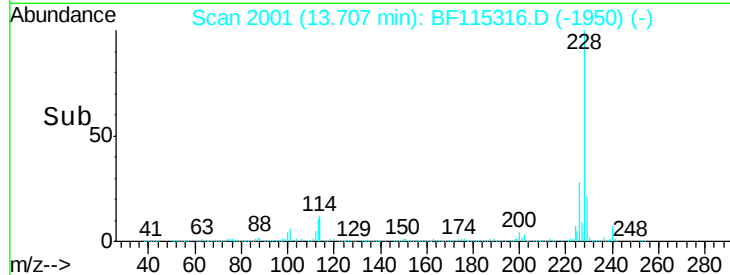
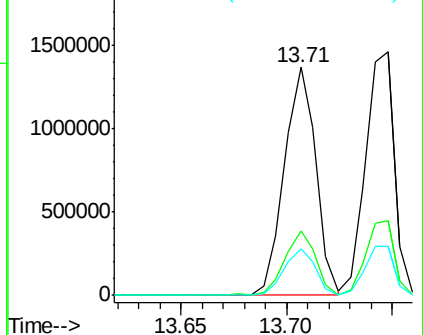
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.5	33.7
229	20.7	16.6	24.8

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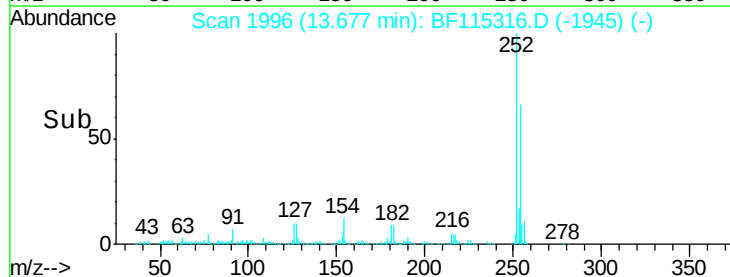
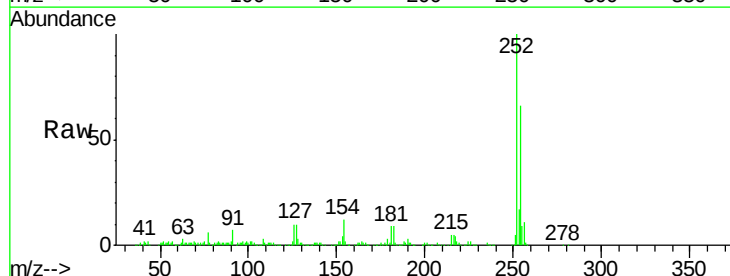
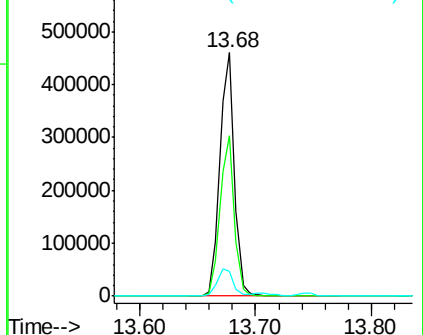
Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

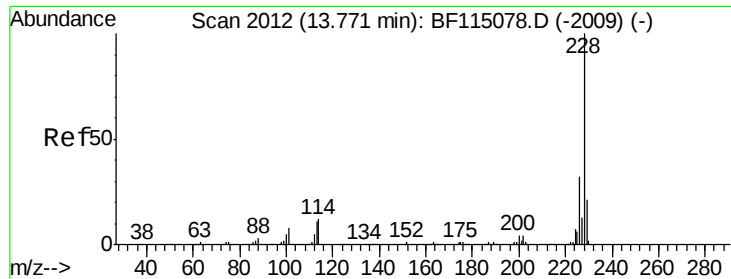


#82
3,3'-Dichlorobenzidine
Concen: 27.509 ng
RT: 13.68 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.1	76.7
126	10.4	9.4	14.0

Abundance Ion 252.00 (251.70 to 252.70): E
600000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.461 ng

RT: 13.75 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14MSD

Tgt Ion:228 Resp: 1390703

Ion Ratio Lower Upper

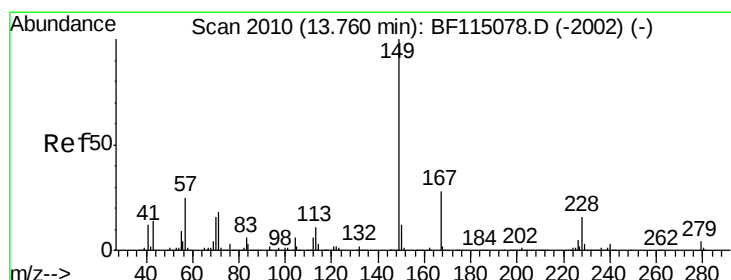
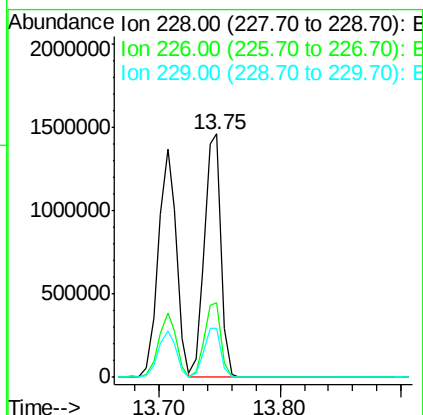
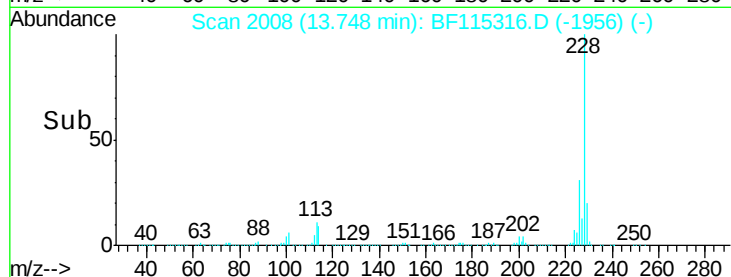
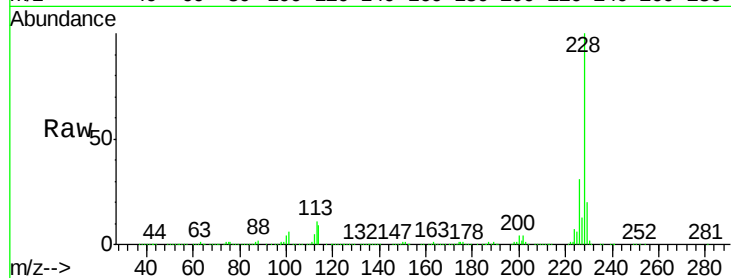
228 100

226 30.9 25.4 38.0

229 20.3 16.5 24.7

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#84

Bis(2-ethylhexyl)phthalate

Concen: 38.034 ng

RT: 13.73 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF115316.D

Acq: 29 Jun 2019 12:11

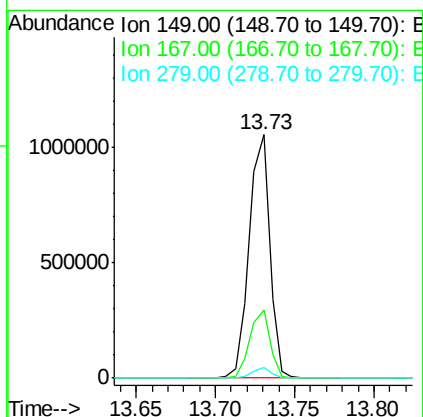
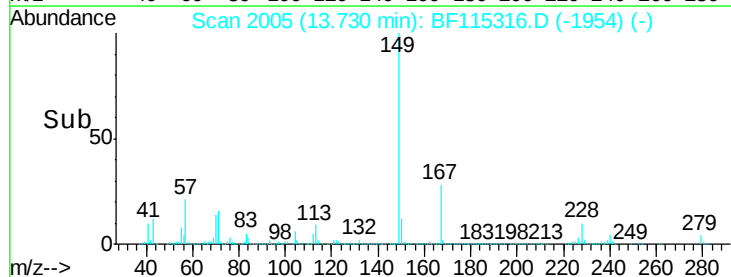
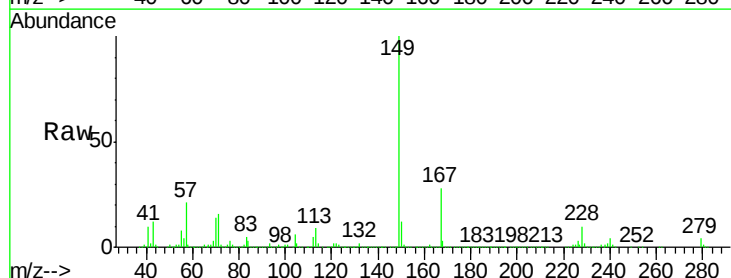
Tgt Ion:149 Resp: 954651

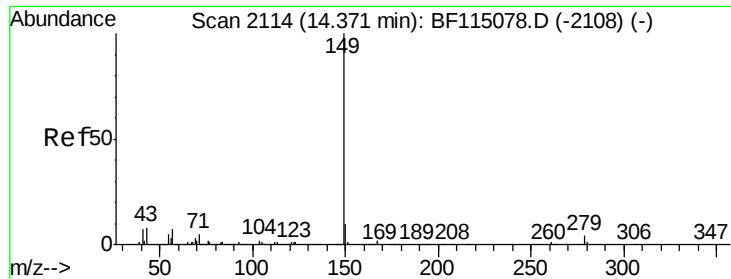
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

279 4.3 2.9 4.3





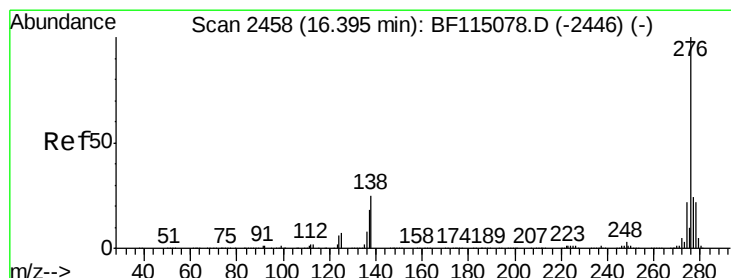
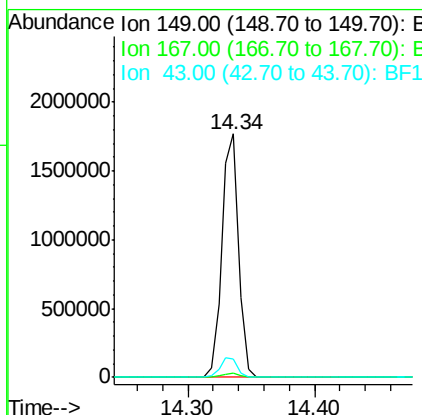
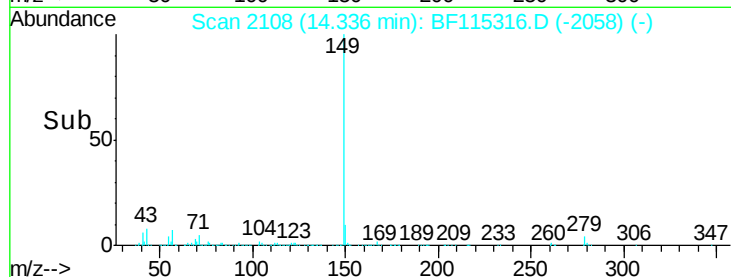
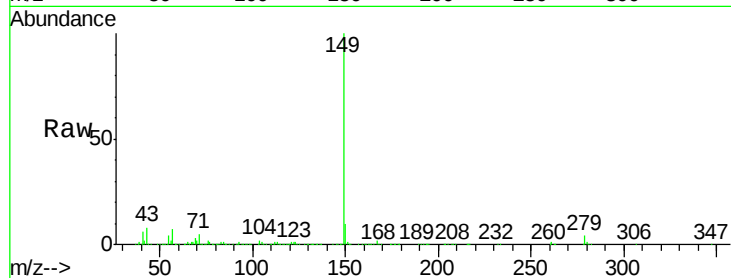
#85
Di-n-octyl phthalate
Concen: 38.398 ng
RT: 14.34 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

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

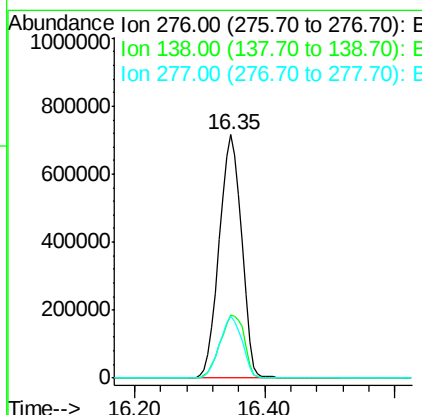
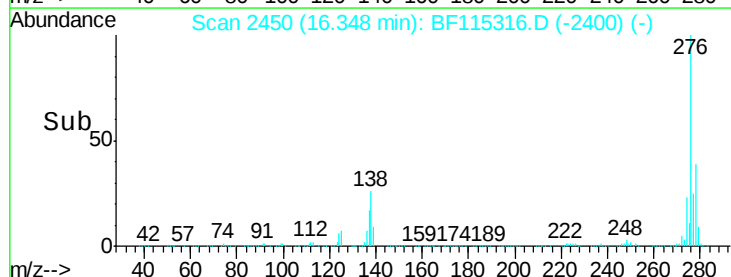
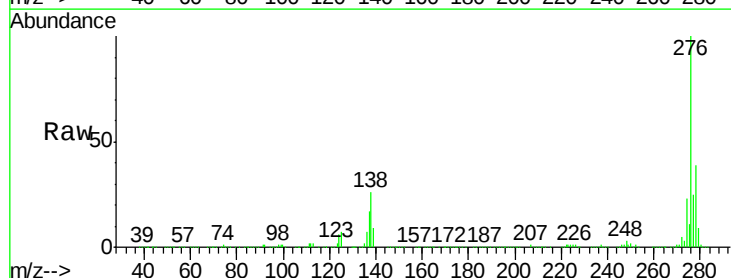
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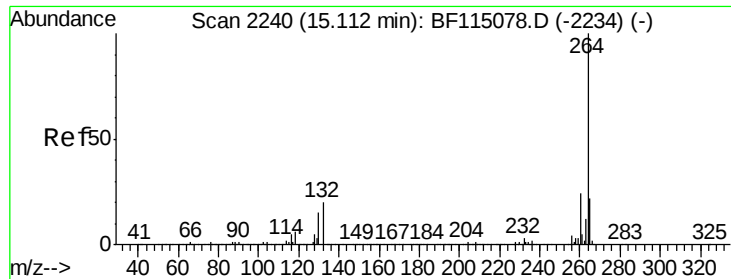
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#86
Indeno(1,2,3-cd)pyrene
Concen: 38.909 ng
RT: 16.35 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	23.2	34.8
277	25.5	20.1	30.1





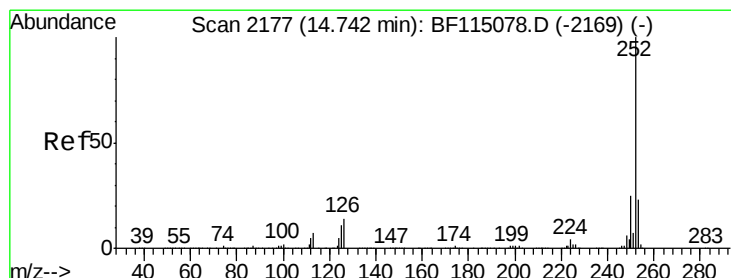
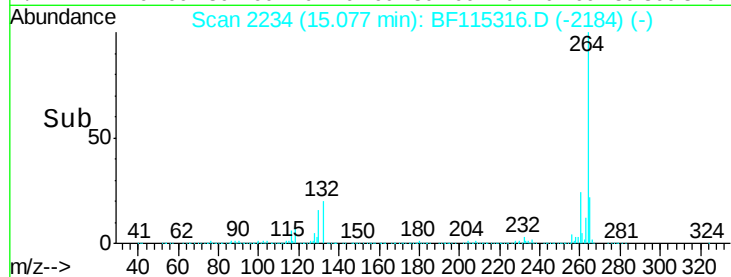
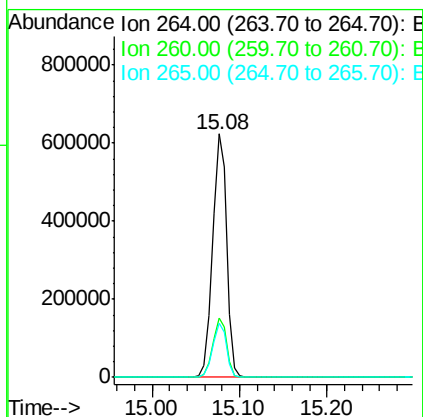
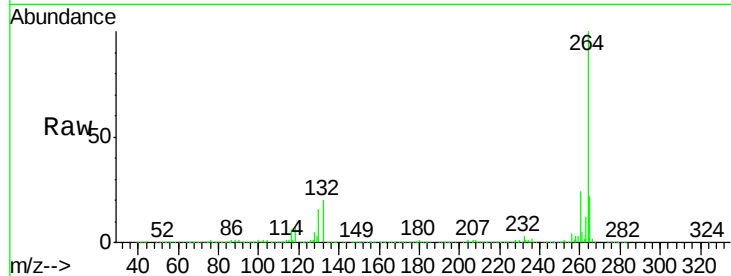
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.08 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	22.3	17.3	25.9

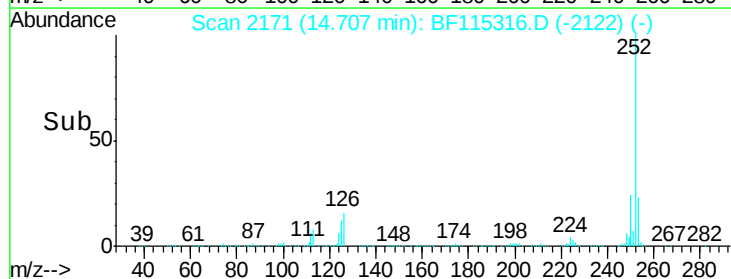
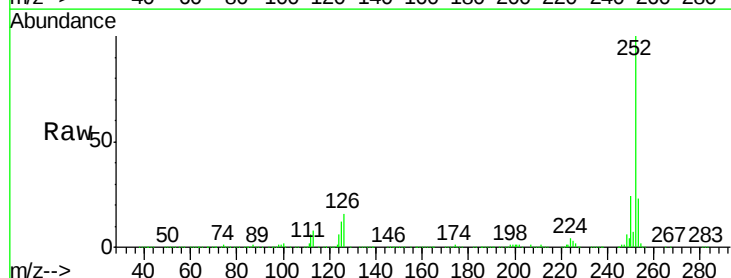
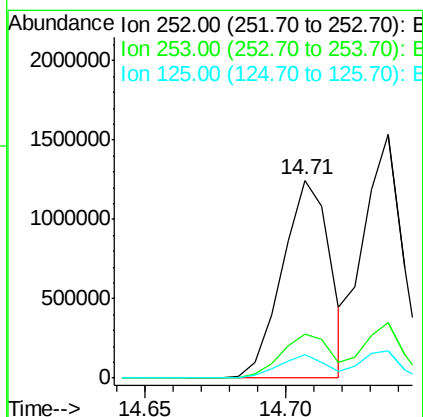
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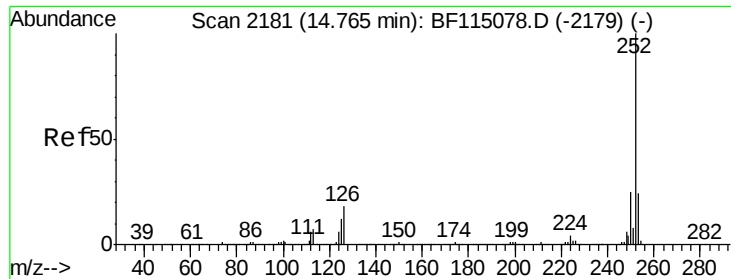
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#88
 Benzo(b)fluoranthene
 Concen: 33.716 ng
 RT: 14.71 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BF115316.D
 Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	12.1	8.7	13.1





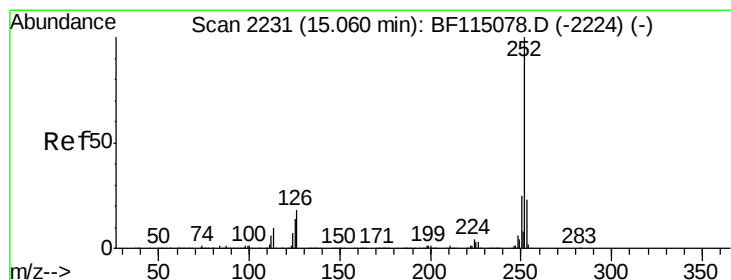
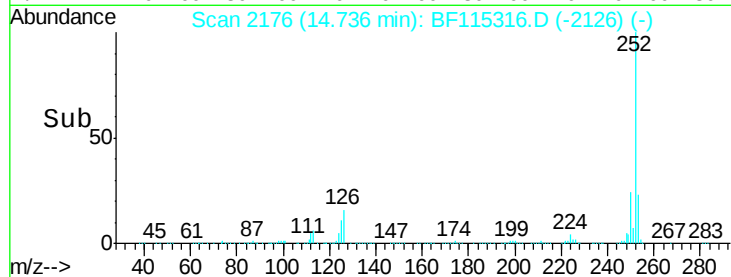
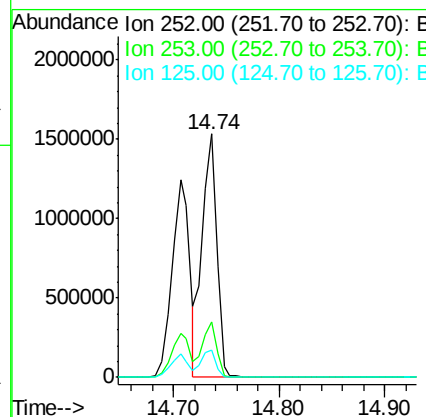
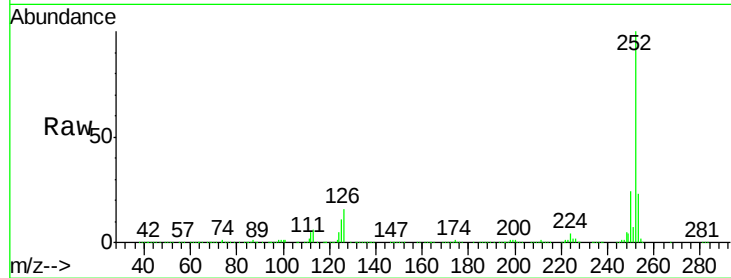
#89
Benzo(k)fluoranthene
Concen: 37.101 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.9	28.3
125	11.2	10.2	15.2

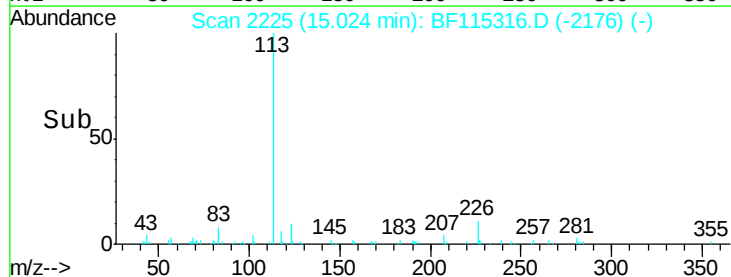
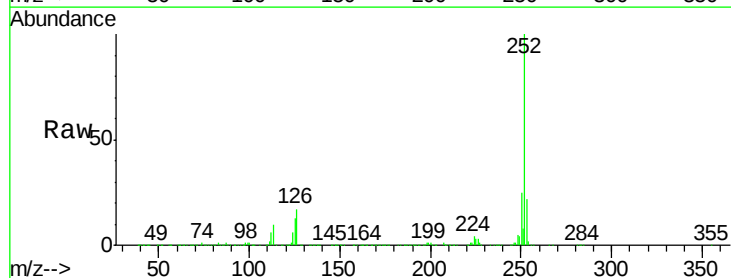
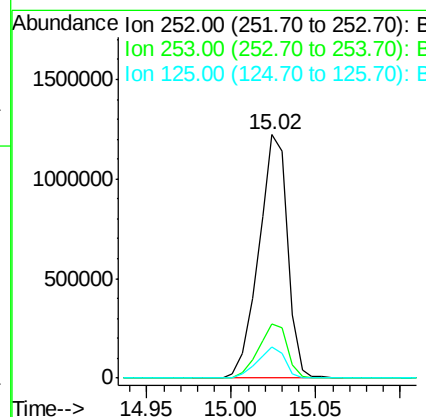
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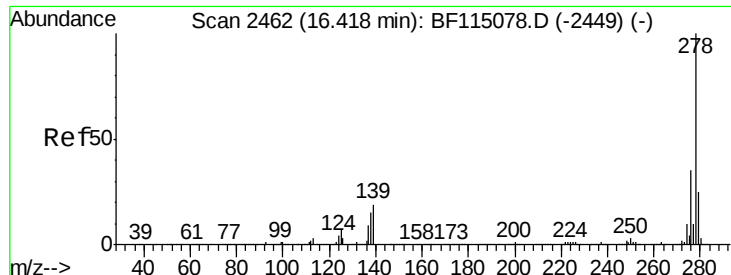
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#90
Benzo(a)pyrene
Concen: 36.888 ng
RT: 15.02 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	12.9	10.9	16.3





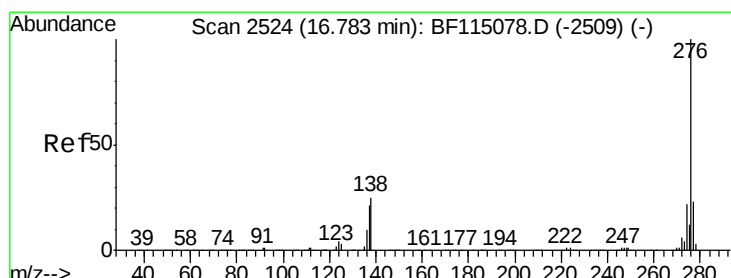
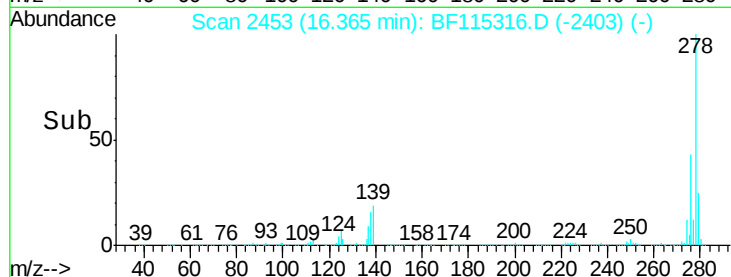
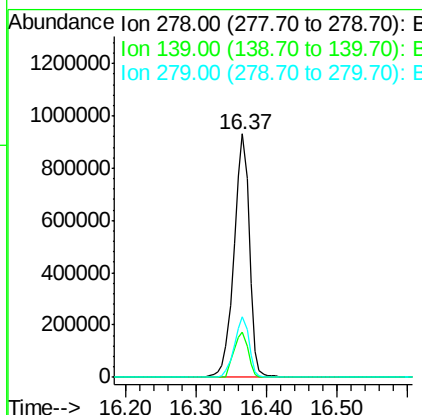
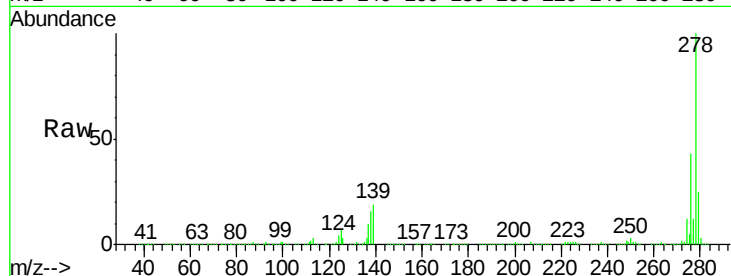
#91
Dibenzo(a,h)anthracene
Concen: 38.405 ng
RT: 16.37 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.4	23.2
279	24.6	19.9	29.9

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#92
Benzo(g,h,i)perylene
Concen: 38.777 ng
RT: 16.73 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BF115316.D
Acq: 29 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	23.1	19.8	29.6

