

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051520\
 Data File : BF120324.D
 Acq On : 15 May 2020 16:27
 Operator : MA/SJ
 Sample : L2664-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0364-COMPOSITE-2

Quant Time: May 15 17:02:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 12:31:31 2020
 Response via : Initial Calibration

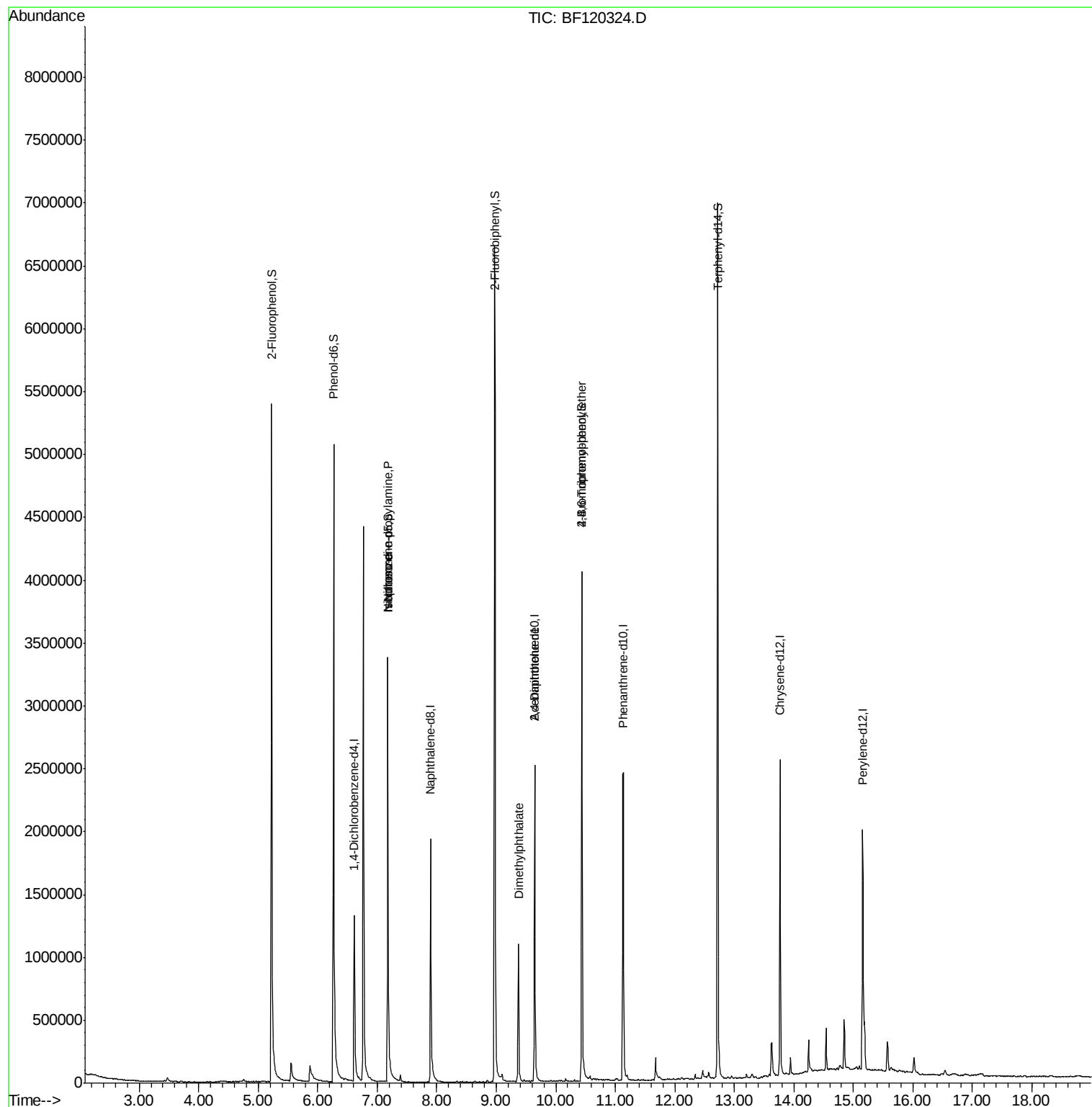
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	298999	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1171127	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	607051	20.00	ng	0.00
64) Phenanthrene-d10	11.13	188	1151084	20.00	ng	0.00
76) Chrysene-d12	13.77	240	914413	20.00	ng	0.00
87) Perylene-d12	15.16	264	890769	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1716608	111.71	ng	0.00
7) Phenol-d6	6.27	99	2300871	118.40	ng	0.00
23) Nitrobenzene-d5	7.18	82	1374876	80.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.44	330	552529	111.63	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2548625	86.25	ng	0.00
79) Terphenyl-d14	12.72	244	3049313	73.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.18	70	171371	13.461	ng	# 81
25) Isophorone	7.18	82	1364272	38.333	ng	# 65
50) Dimethylphthalate	9.37	163	508680	13.256	ng	98
57) 2,4-Dinitrotoluene	9.65	165	78420	7.805	ng	# 16
67) 4-Bromophenyl-phenylether	10.44	248	34202	3.062	ng	# 1

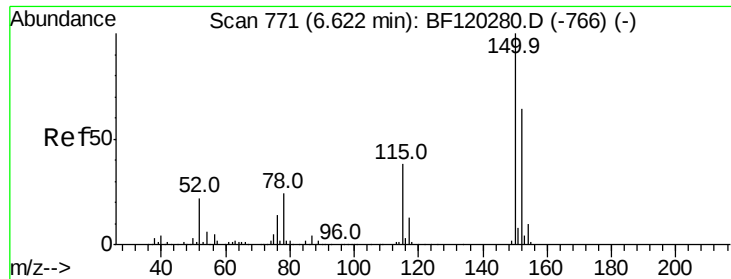
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 15 12:31:31 2020
Response via : Initial Calibration



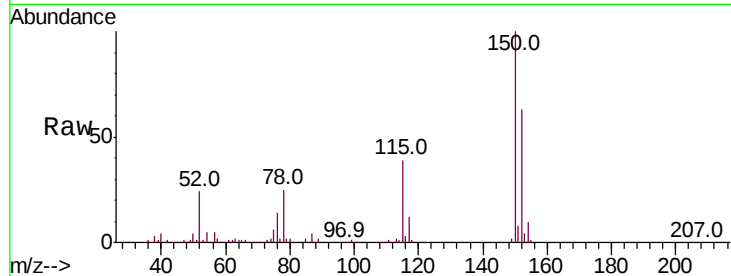


#1

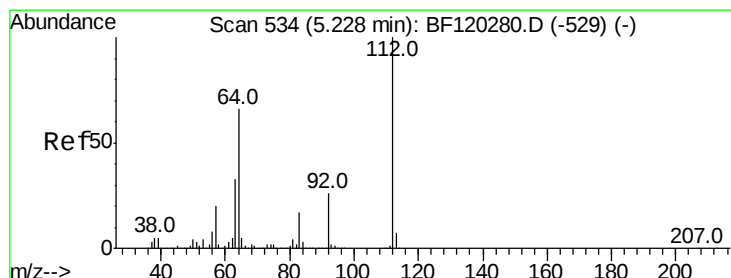
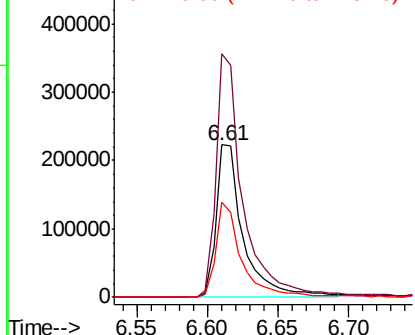
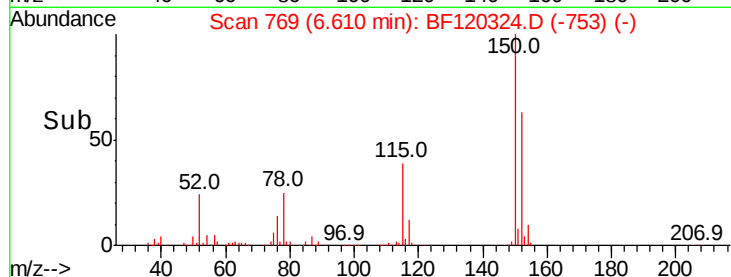
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF120324.D
Acq: 15 May 2020 16:27

Instrument :
BNA_F
ClientSampleId :
0364-COMPOSITE-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.2	189.2
115	62.0	47.9	71.9



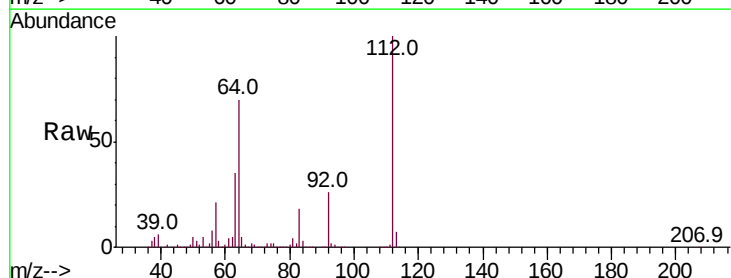
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



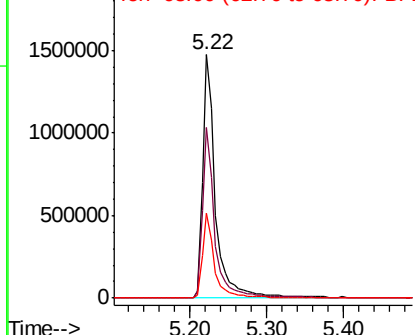
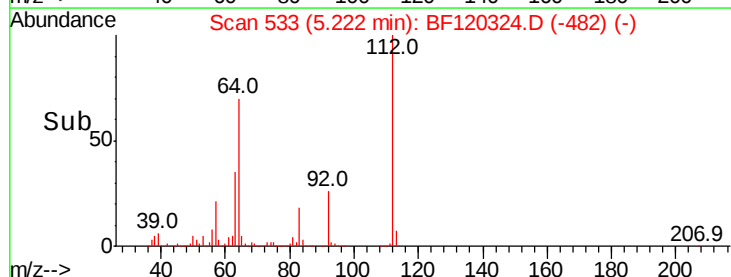
#5

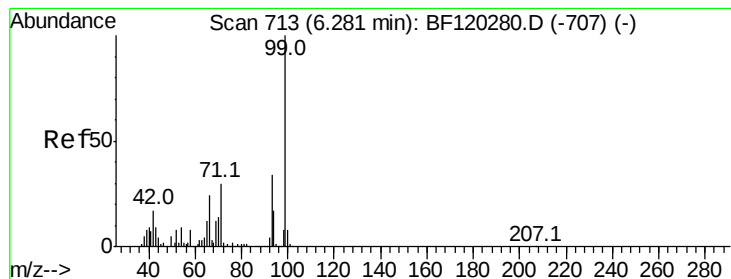
2-Fluorophenol
Concen: 111.706 ng
RT: 5.22 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF120324.D
Acq: 15 May 2020 16:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	52.7	79.1
63	34.9	26.2	39.4



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





#7

Phenol-d6

Concen: 118.399 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF120324.D

Acq: 15 May 2020 16:27

Instrument :

BNA_F

ClientSampleId :

0364-COMPOSITE-2

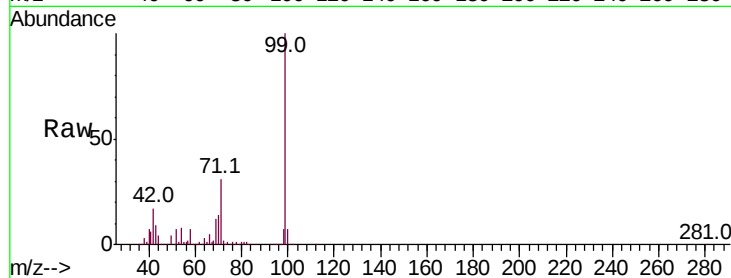
Tot Ion: 99 Resp: 2300871

Ion Ratio Lower Upper

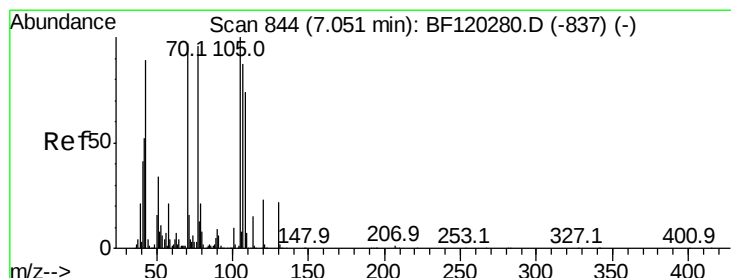
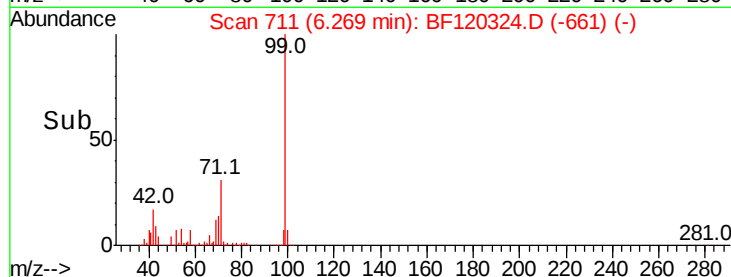
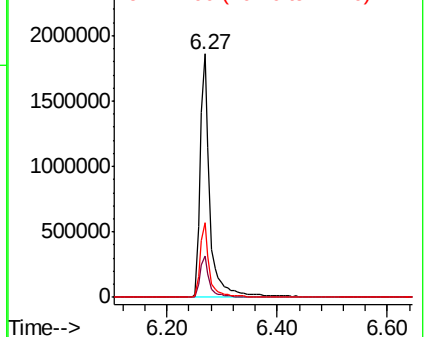
99 100

42 17.1 13.6 20.4

71 30.9 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.461 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.14 min

Lab File: BF120324.D

Acq: 15 May 2020 16:27

Tgt Ion: 70 Resp: 171371

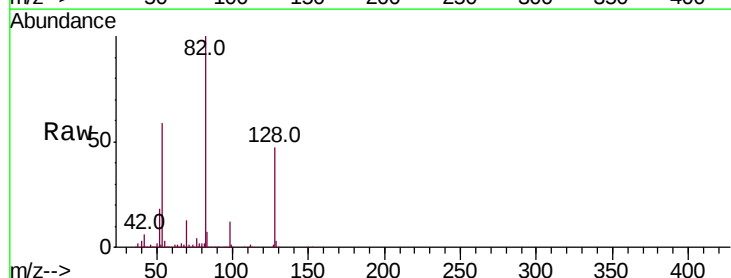
Ion Ratio Lower Upper

70 100

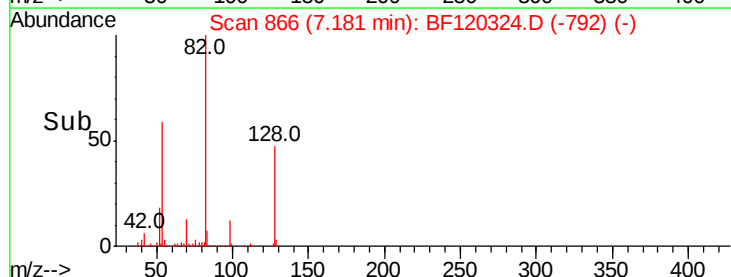
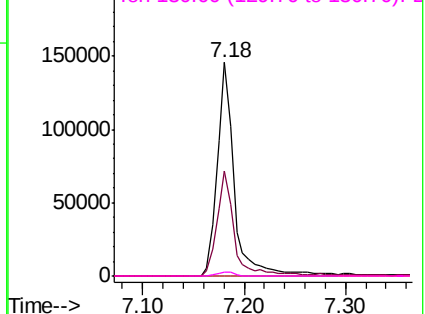
42 48.9 43.4 65.0

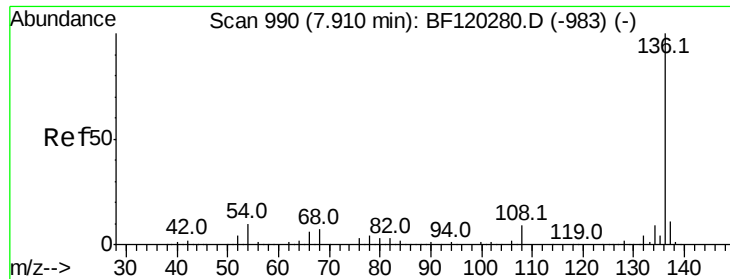
101 0.0 7.8 11.8#

130 2.0 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

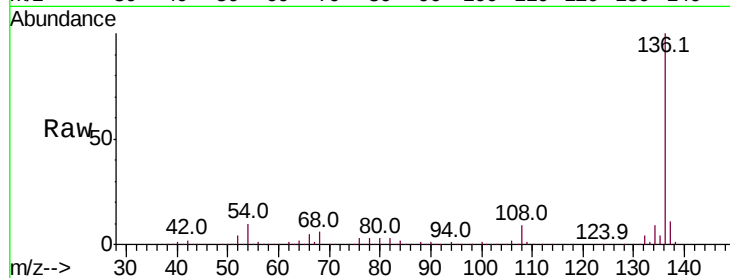




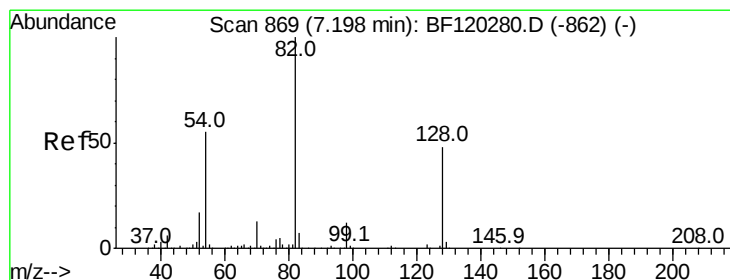
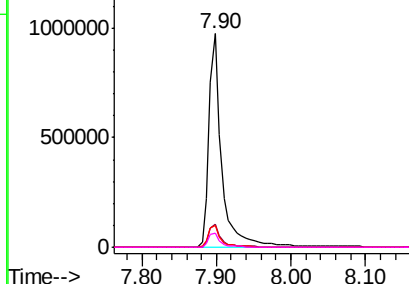
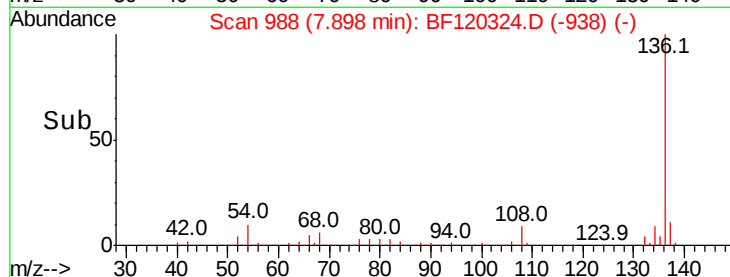
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF120324.D
Acq: 15 May 2020 16:27

Instrument :
BNA_F
ClientSampleId :
0364-COMPOSITE-2

Tot Ion:	136	Resp:	1171127
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	10.2	7.9	11.9
68	6.5	5.4	8.2

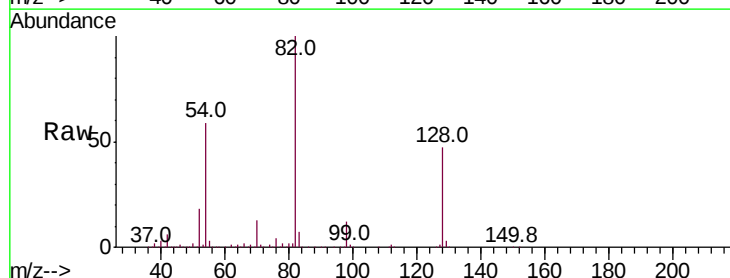


Abundance Ion 136.00 (135.70 to 136.70): E
1500000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

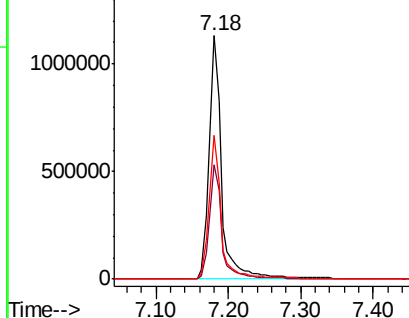
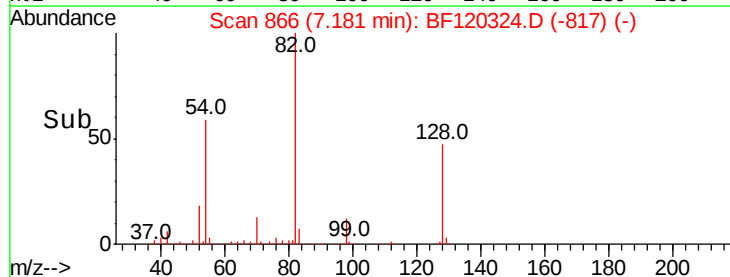


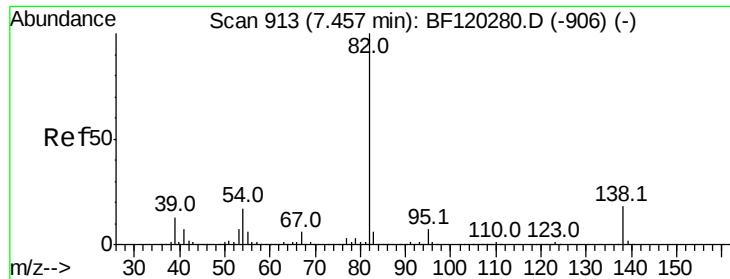
#23
Nitrobenzene-d5
Concen: 80.378 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF120324.D
Acq: 15 May 2020 16:27

Tgt Ion:	82	Resp:	1374876
Ion	Ratio	Lower	Upper
82	100		
128	46.8	38.3	57.5
54	58.9	43.9	65.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000 Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.333 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.27 min

Lab File: BF120324.D

Acq: 15 May 2020 16:27

Instrument :

BNA_F

ClientSampleId :

0364-COMPOSITE-2

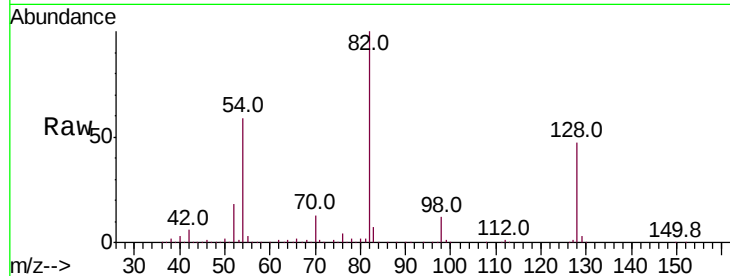
Tot Ion: 82 Resp: 1364272

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

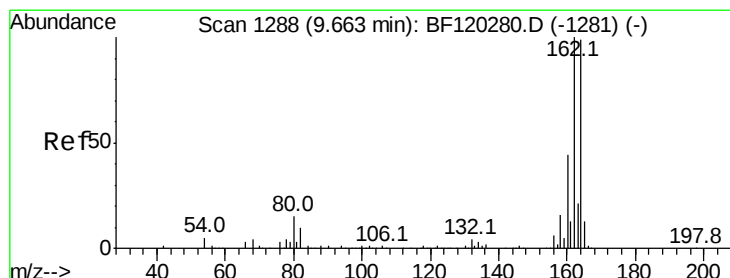
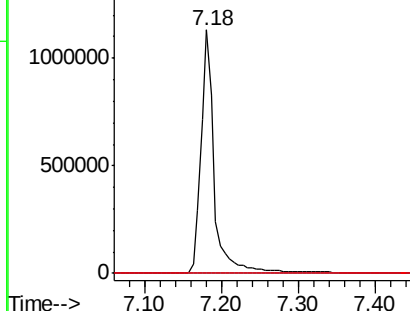
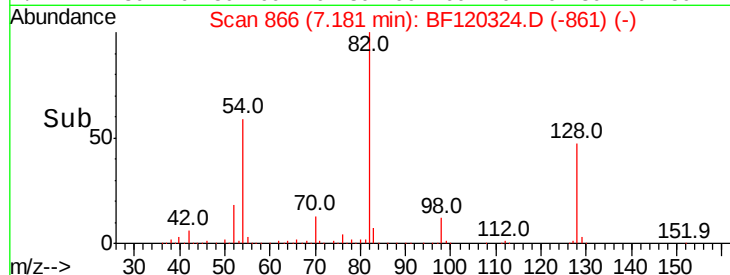
138 0.0 14.7 22.1#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF120324.D

Acq: 15 May 2020 16:27

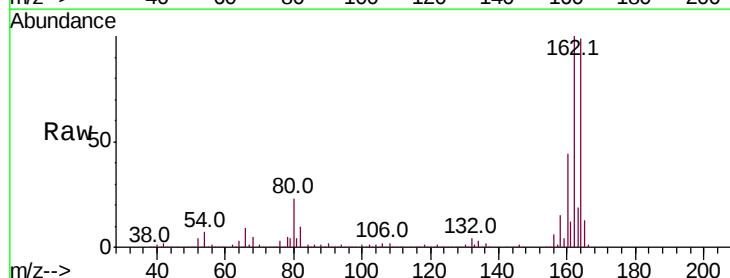
Tgt Ion:164 Resp: 607051

Ion Ratio Lower Upper

164 100

162 100.6 81.2 121.8

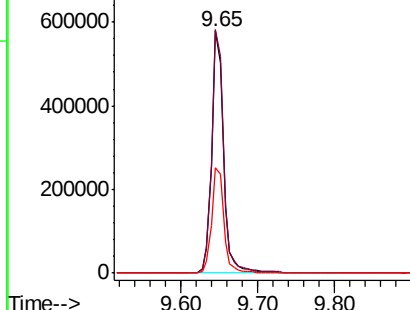
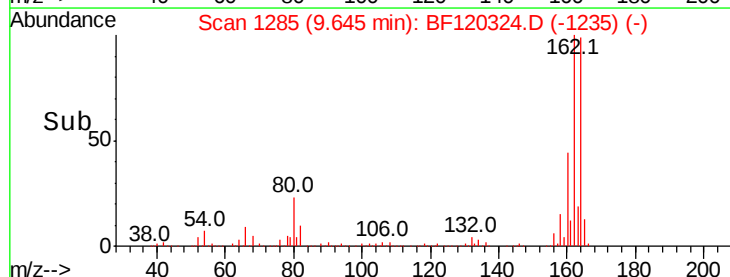
160 43.7 35.8 53.6

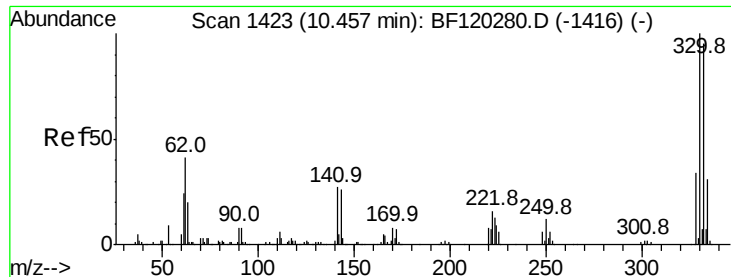


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

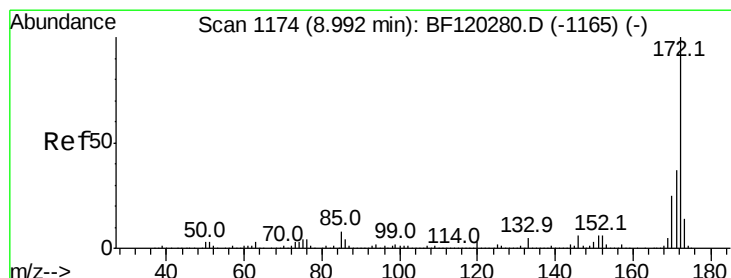
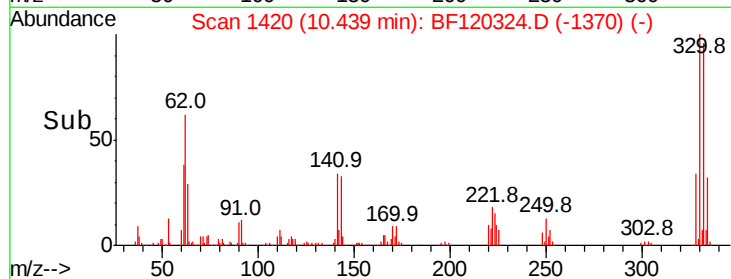
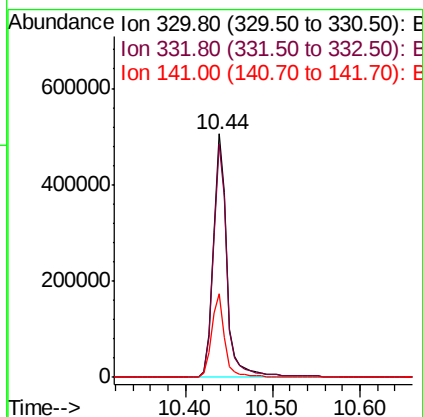
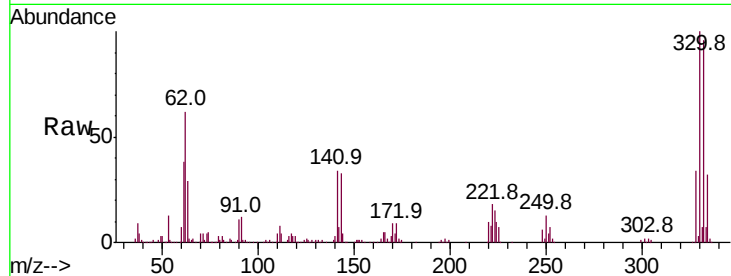




#42
 2,4,6-Tribromophenol
 Concen: 111.632 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF120324.D
 Acq: 15 May 2020 16:27

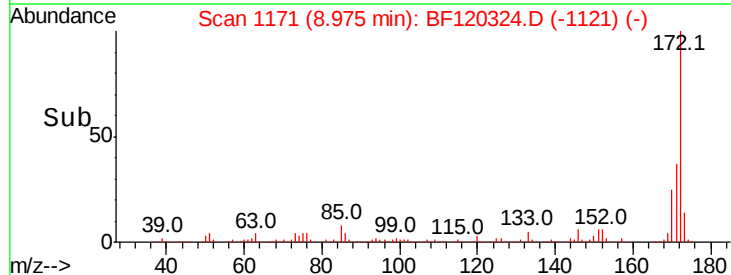
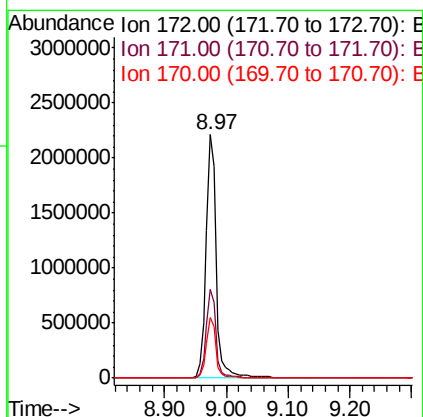
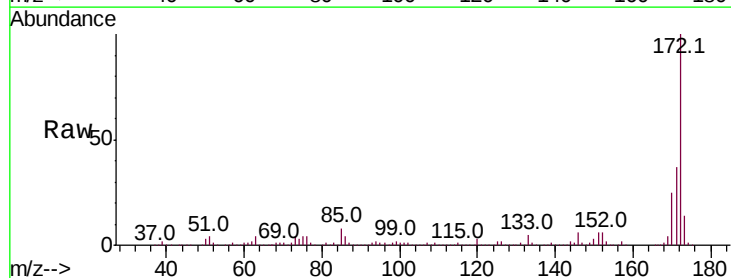
Instrument :
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 0364-COMPOSITE-2

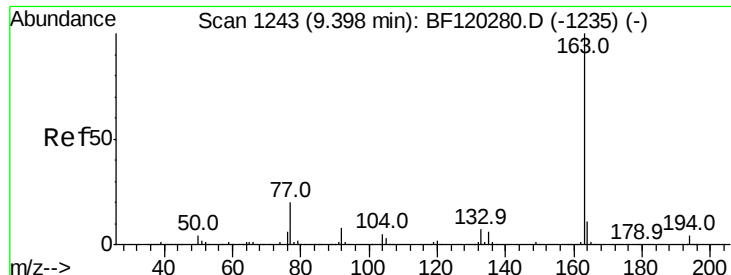
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.5	114.7
141	33.5	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 86.254 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF120324.D
 Acq: 15 May 2020 16:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.7	19.9	29.9





#50

Dimethylphthalate

Concen: 13.256 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF120324.D

Acq: 15 May 2020 16:27

Instrument :

BNA_F

ClientSampleId :

0364-COMPOSITE-2

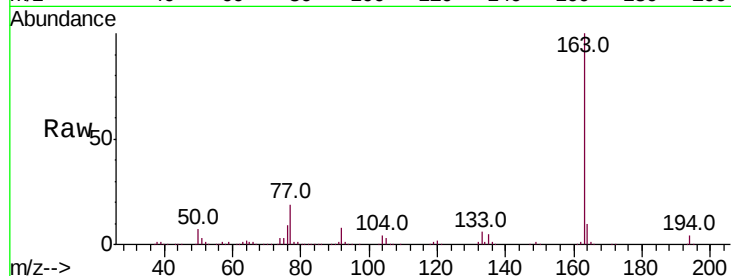
Tot Ion:163 Resp: 508680

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

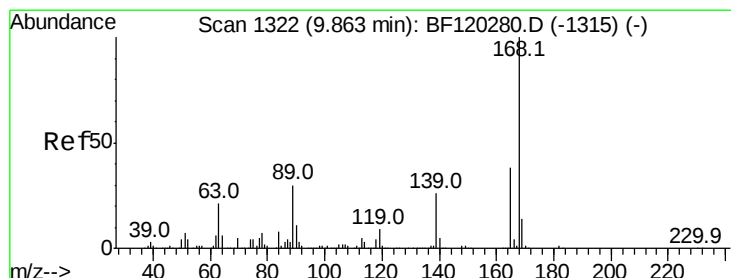
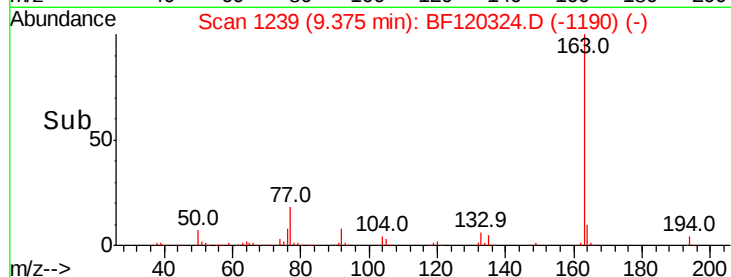
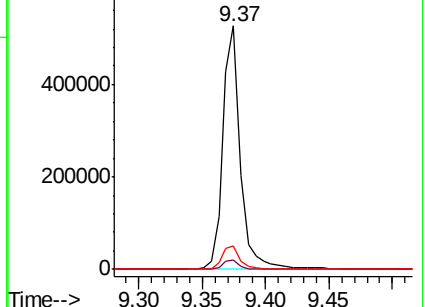
164 9.7 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 7.805 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.21 min

Lab File: BF120324.D

Acq: 15 May 2020 16:27

Tgt Ion:165 Resp: 78420

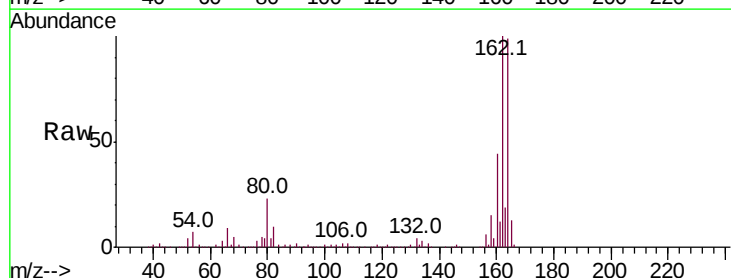
Ion Ratio Lower Upper

165 100

63 1.5 51.8 77.8#

89 1.0 64.2 96.4#

182 0.0 2.0 3.0#

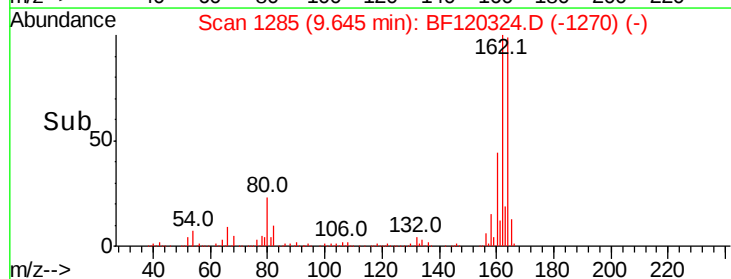
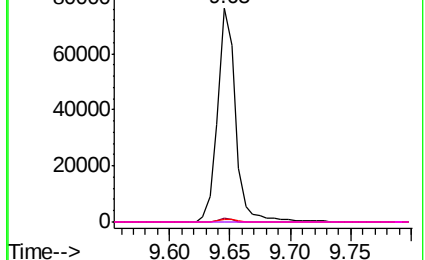


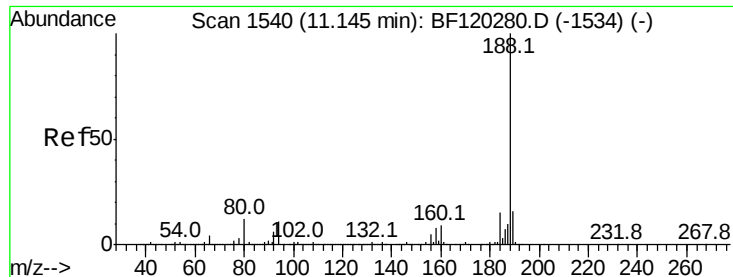
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

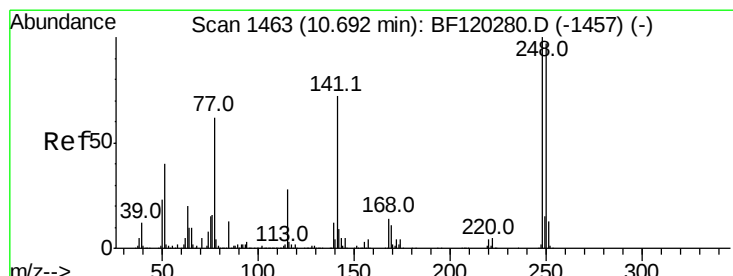
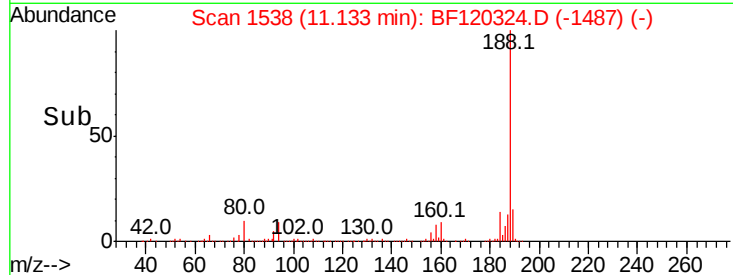
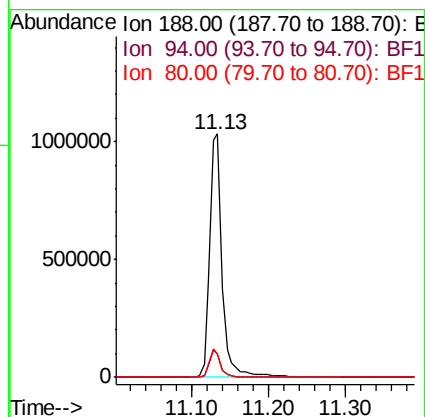
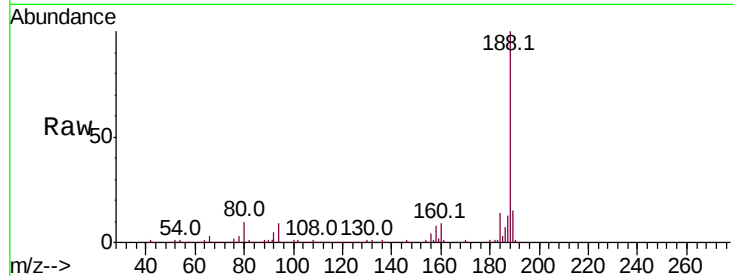




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BF120324.D
Acq: 15 May 2020 16:27

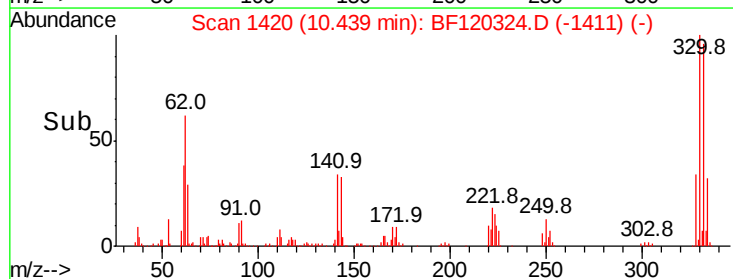
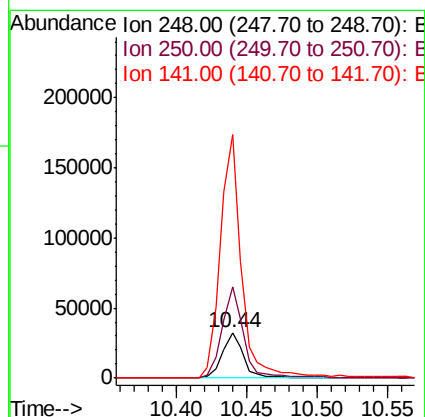
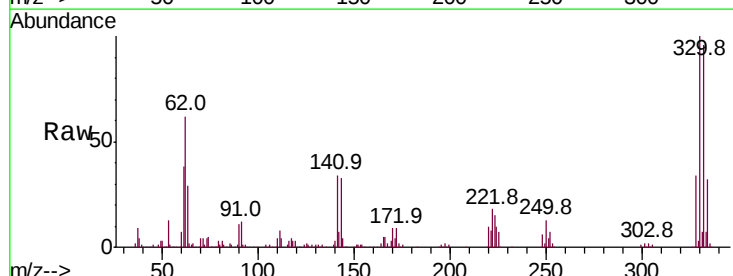
Instrument :
BNA_F
ClientSampleId :
0364-COMPOSITE-2

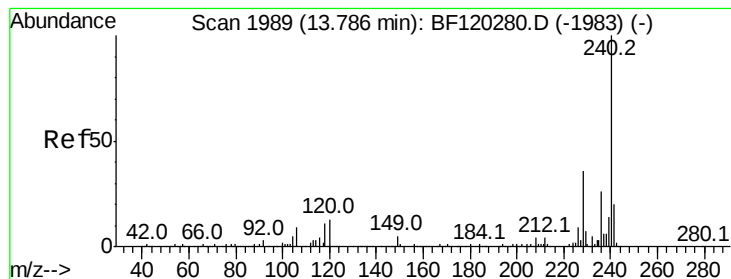
Tot Ion:188 Resp: 1151084
Ion Ratio Lower Upper
188 100
94 9.4 8.6 13.0
80 9.7 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 3.062 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.25 min
Lab File: BF120324.D
Acq: 15 May 2020 16:27

Tgt Ion:248 Resp: 34202
Ion Ratio Lower Upper
248 100
250 200.4 77.8 116.6#
141 535.7 57.7 86.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF120324.D

Acq: 15 May 2020 16:27

Instrument :

BNA_F

ClientSampleId :

0364-COMPOSITE-2

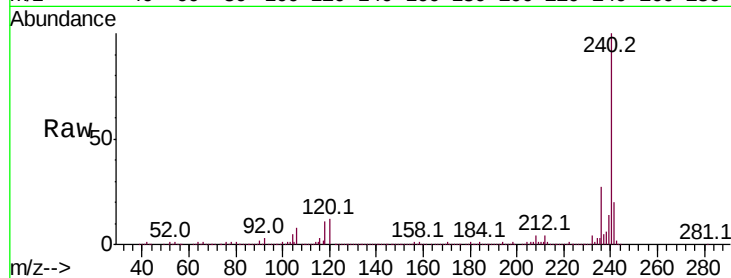
Tot Ion:240 Resp: 914413

Ion Ratio Lower Upper

240 100

120 12.0 10.4 15.6

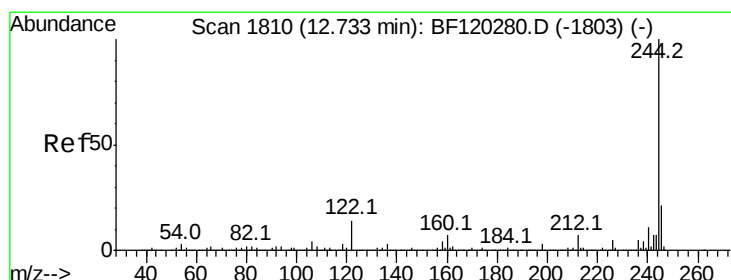
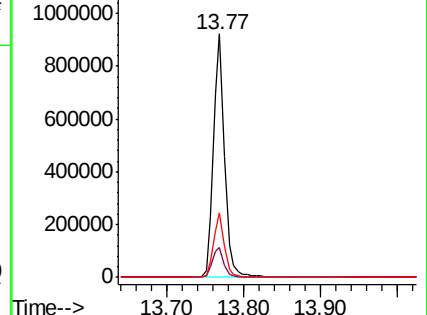
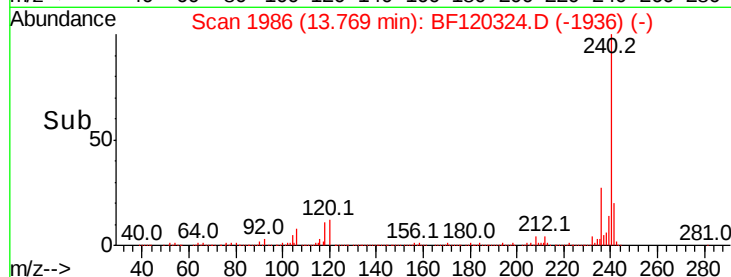
236 26.6 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 73.671 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BF120324.D

Acq: 15 May 2020 16:27

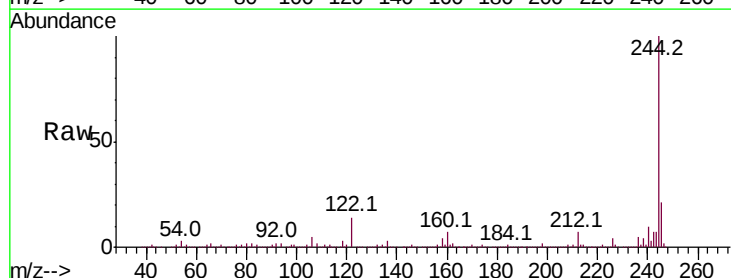
Tgt Ion:244 Resp: 3049313

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

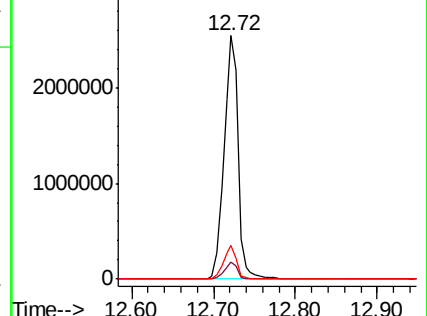
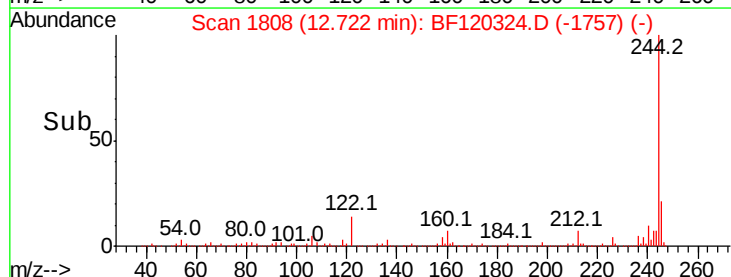
122 13.7 10.8 16.2

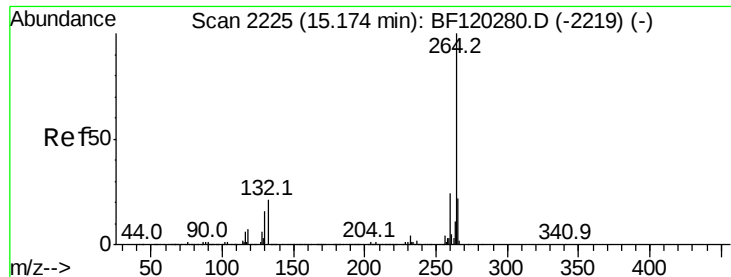


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

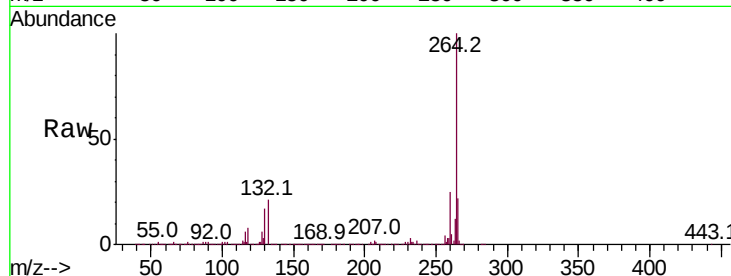




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.16 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BF120324.D
 Acq: 15 May 2020 16:27

Instrument :
 BNA_F
 ClientSampleId :
 0364-COMPOSITE-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.6
265	22.0	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

