

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
 Data File : BF114647.D
 Acq On : 30 May 2019 1:23
 Operator : HP/JU
 Sample : K3065-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-12-COMP

Quant Time: May 30 04:26:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	345581	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1305550	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	672239	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1338564	20.00	ng	0.00
76) Chrysene-d12	13.81	240	1100848	20.00	ng	0.00
87) Perylene-d12	15.20	264	1012834	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	2298434	116.77	ng	0.00
7) Phenol-d6	6.33	99	2812442	118.57	ng	0.00
23) Nitrobenzene-d5	7.25	82	1614863	77.17	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	824064	128.65	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2828656	77.66	ng	0.00
79) Terphenyl-d14	12.78	244	3408697	58.22	ng	0.00

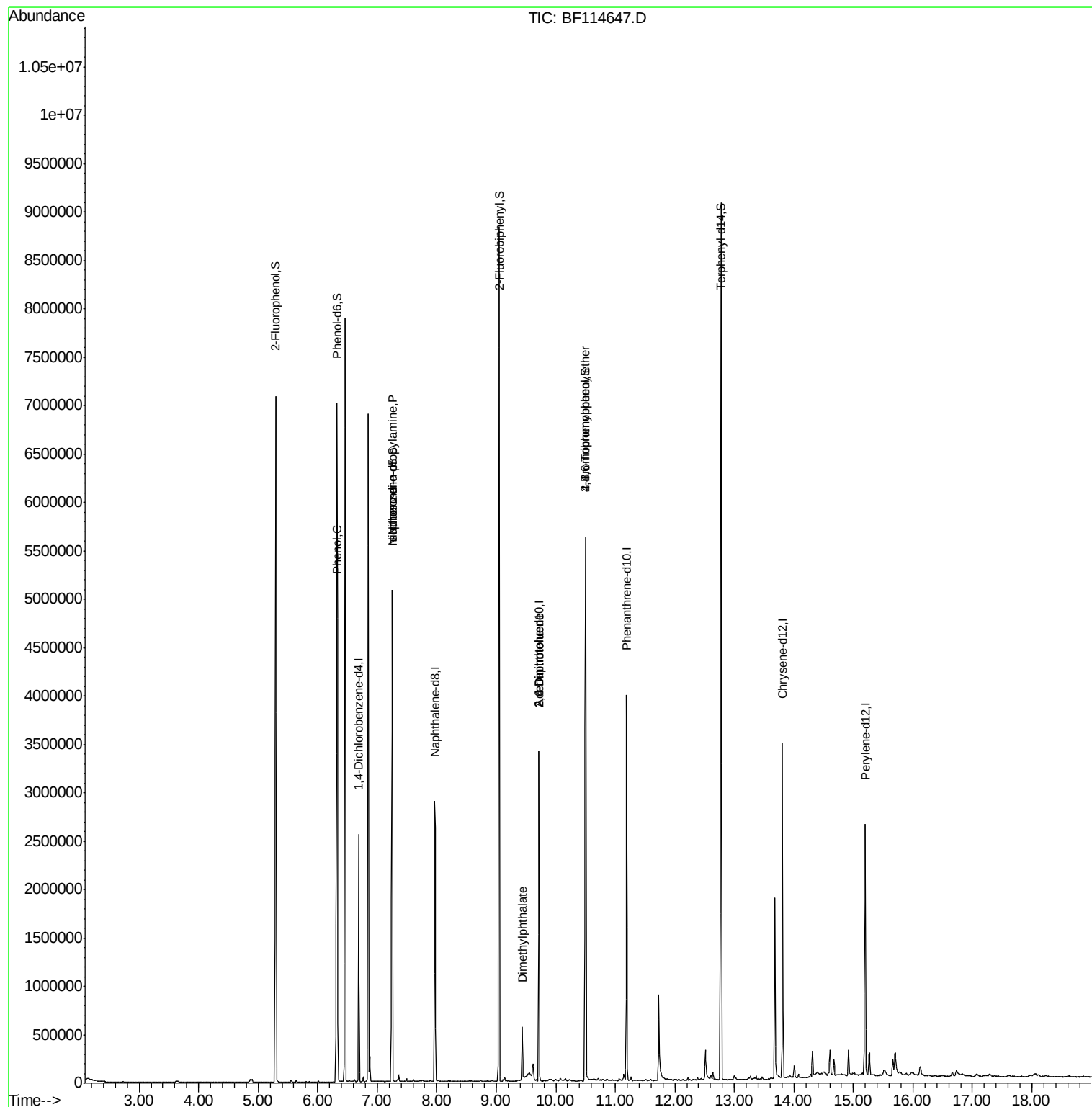
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.33	77	6139	Below Cal	#	1
10) Phenol	6.34	94	87156	3.042	ng	87
19) n-Nitroso-di-n-propylamine	7.25	70	220311	13.456	ng	77
25) Isophorone	7.25	82	1605283	38.225	ng	63
50) Dimethylphthalate	9.44	163	192236	4.104	ng	98
51) 2,6-Dinitrotoluene	9.72	165	86902	7.984	ng	30
57) 2,4-Dinitrotoluene	9.72	165	86902	6.221	ng	23
58) Fluorene	10.50	166	37156	Below Cal	#	91
67) 4-Bromophenyl-phenylether	10.50	248	53296	3.713	ng	1
74) Di-n-butylphthalate	11.76	149	14108	Below Cal	#	97

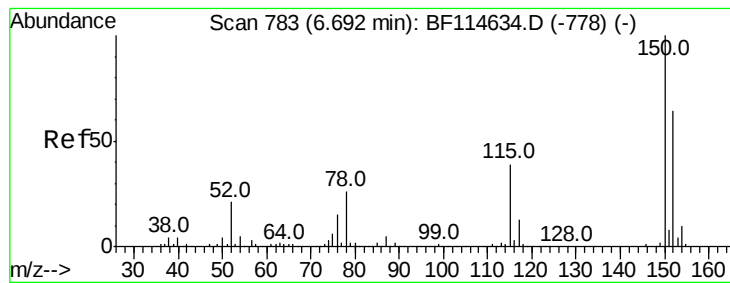
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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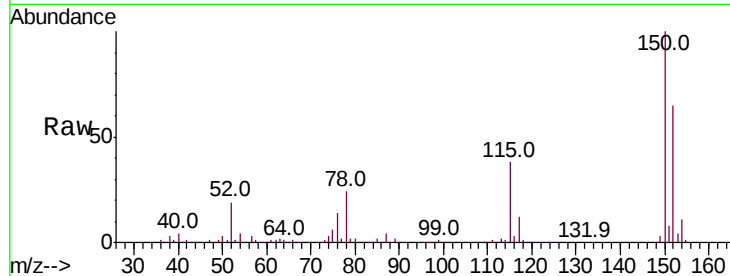


#1

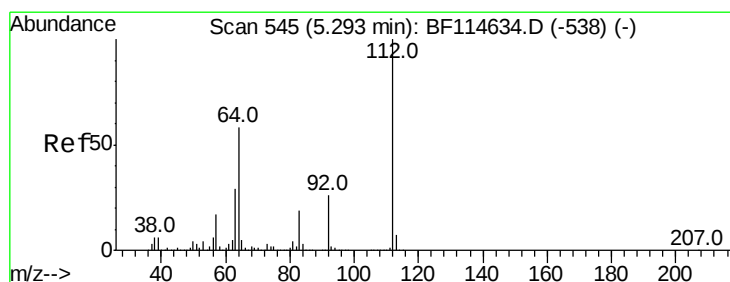
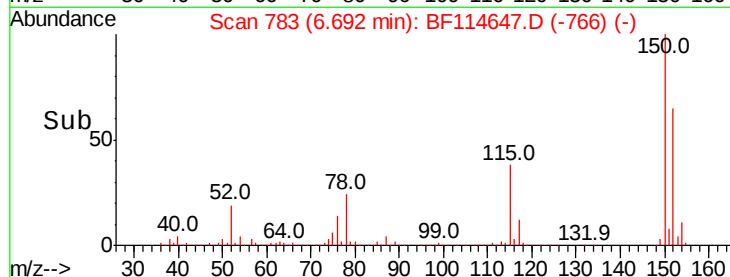
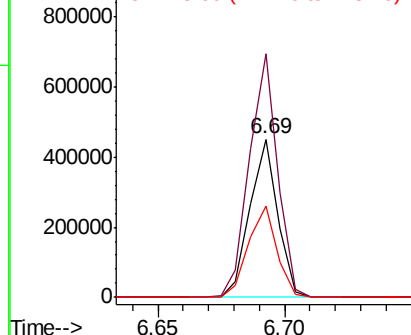
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114647.D
Acq: 30 May 2019 1:23

Instrument :
BNA_F
ClientSampleId :
B-12-COMP

Tot Ion:152 Resp: 345581
Ion Ratio Lower Upper
152 100
150 153.8 124.4 186.6
115 58.0 48.7 73.1



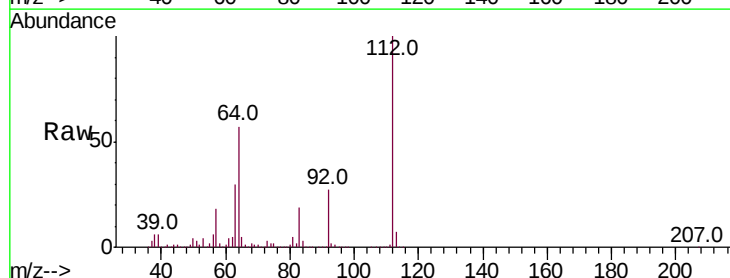
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



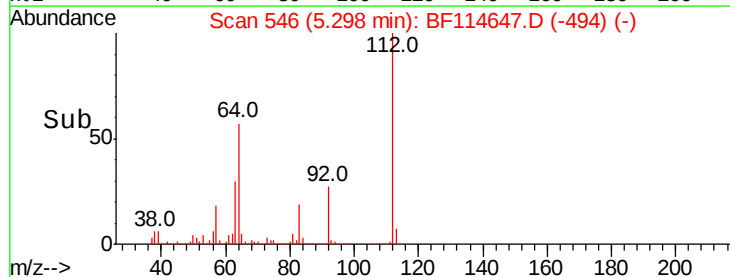
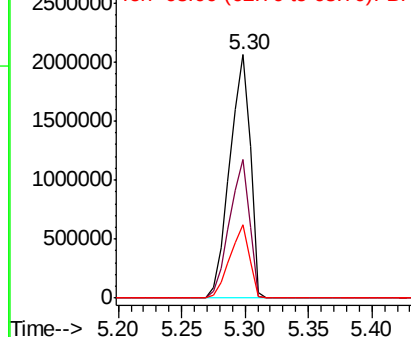
#5

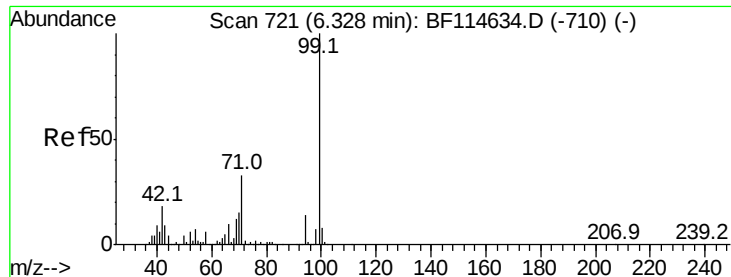
2-Fluorophenol
Concen: 116.771 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF114647.D
Acq: 30 May 2019 1:23

Tgt Ion:112 Resp: 2298434
Ion Ratio Lower Upper
112 100
64 57.2 46.1 69.1
63 30.0 23.4 35.2



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: 118.573 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF114647.D

Acq: 30 May 2019 1:23

Instrument :

BNA_F

ClientSampleId :

B-12-COMP

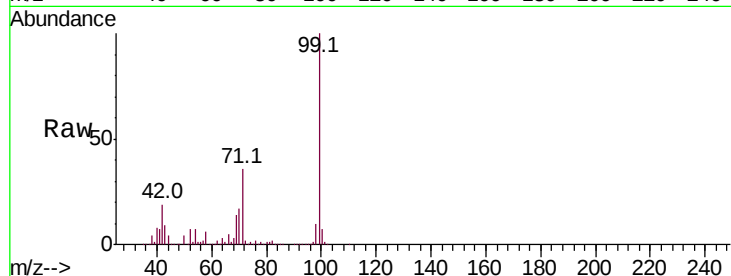
Tot Ion: 99 Resp: 2812442

Ion Ratio Lower Upper

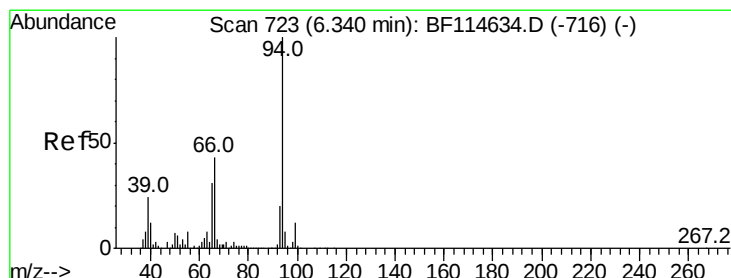
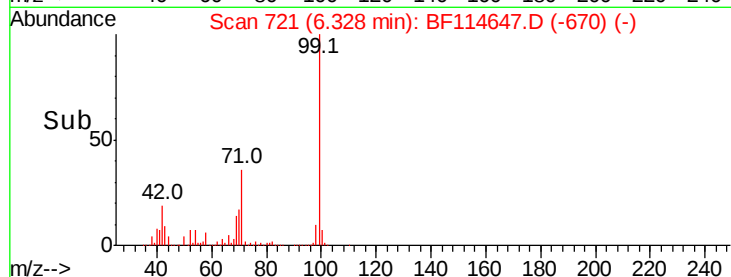
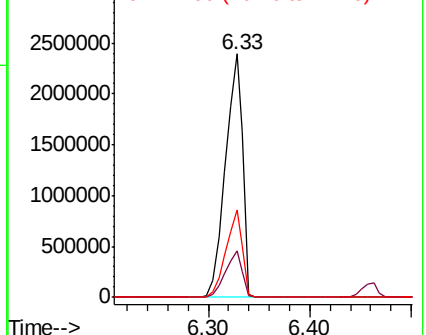
99 100

42 19.1 14.7 22.1

71 36.1 26.6 40.0



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



#10

Phenol

Concen: 3.042 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF114647.D

Acq: 30 May 2019 1:23

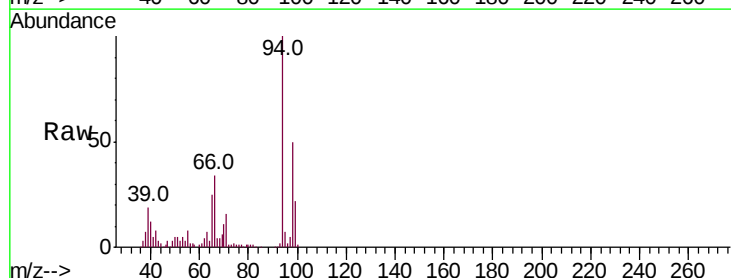
Tgt Ion: 94 Resp: 87156

Ion Ratio Lower Upper

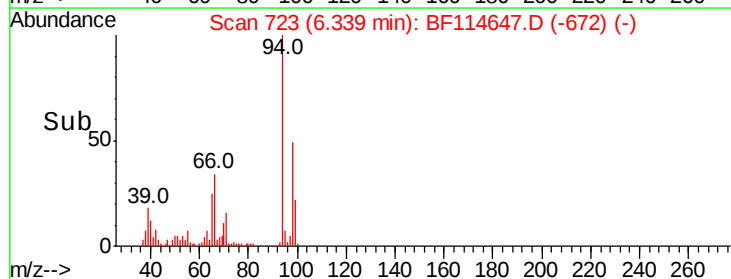
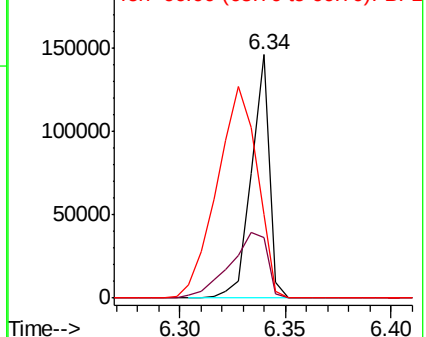
94 100

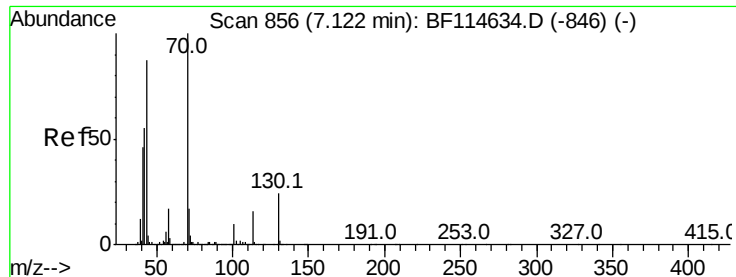
65 24.8 11.0 51.0

66 34.4 23.0 63.0



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





#19

n-Nitroso-di-n-propylamine

Concen: 13.456 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.13 min

Lab File: BF114647.D

Acq: 30 May 2019 1:23

Instrument :

BNA_F

ClientSampleId :

B-12-COMP

Tot Ion: 70 Resp: 220311

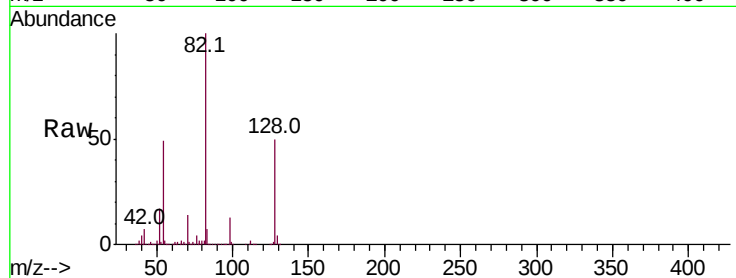
Ion Ratio Lower Upper

70 100

42 46.0 44.4 66.6

101 0.0 8.2 12.4#

130 2.2 19.4 29.0#

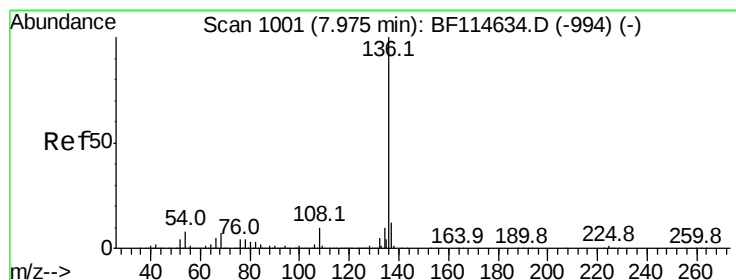
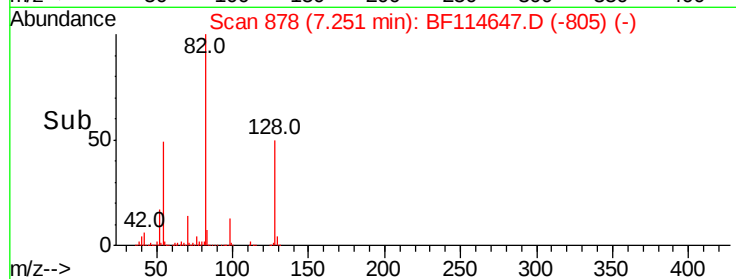
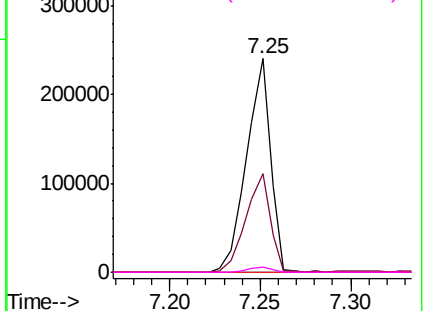


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF114647.D

Acq: 30 May 2019 1:23

Tgt Ion: 136 Resp: 1305550

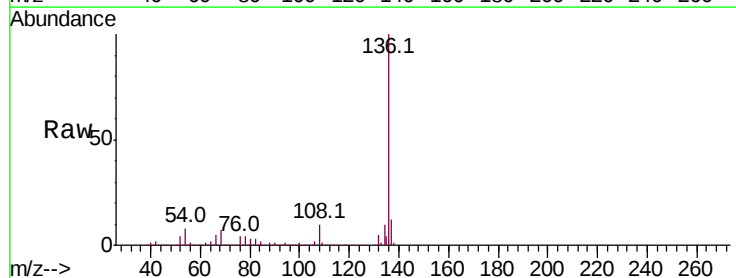
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 7.9 6.3 9.5

68 6.6 5.4 8.0

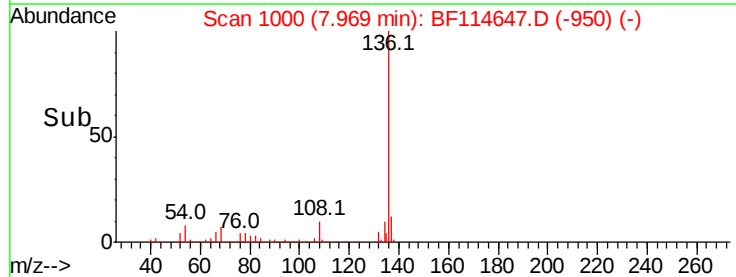
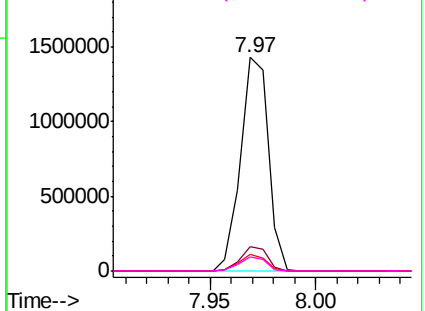


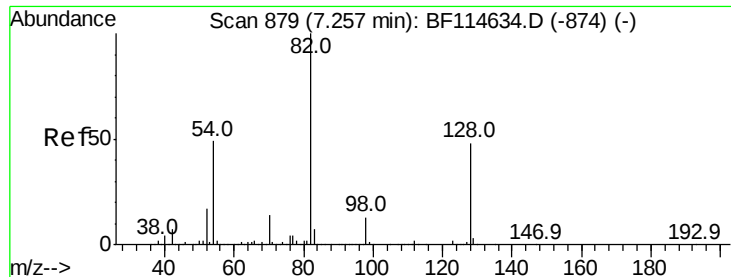
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



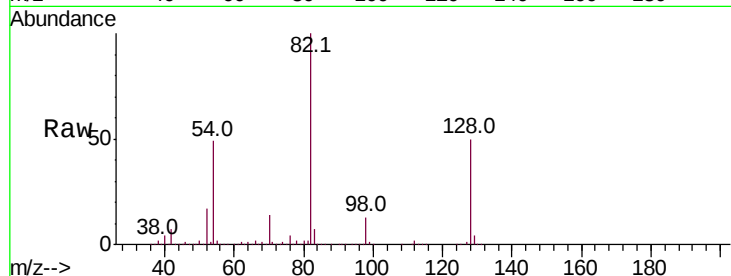


#23
 Nitrobenzene-d5
 Concen: 77.170 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF114647.D
 Acq: 30 May 2019 1:23

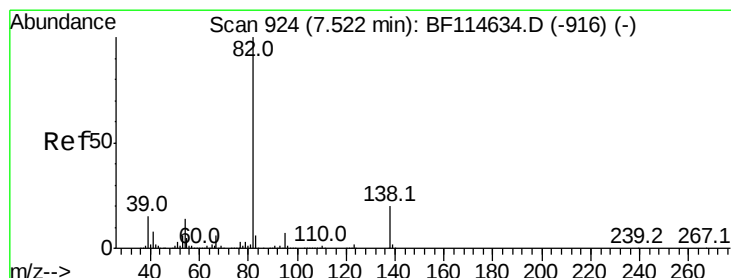
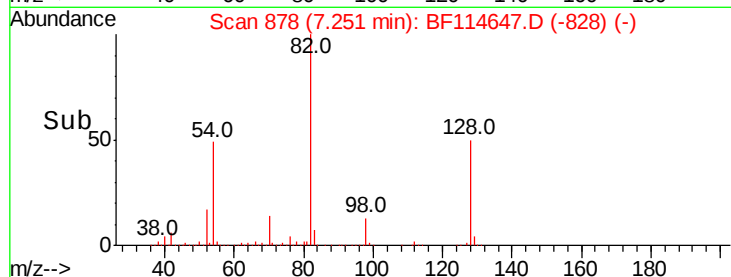
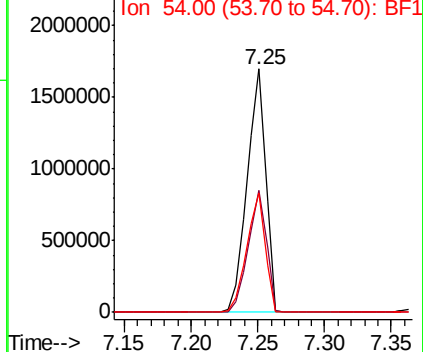
Instrument :
 BNA_F
 ClientSampleId :
 B-12-COMP

Tot Ion: 82 Resp: 1614863

Ion	Ratio	Lower	Upper
82	100		
128	50.0	38.5	57.7
54	49.2	39.1	58.7



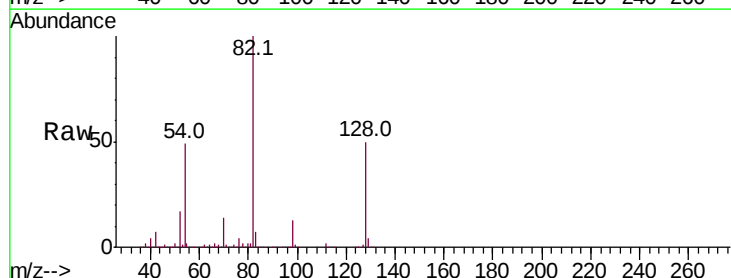
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



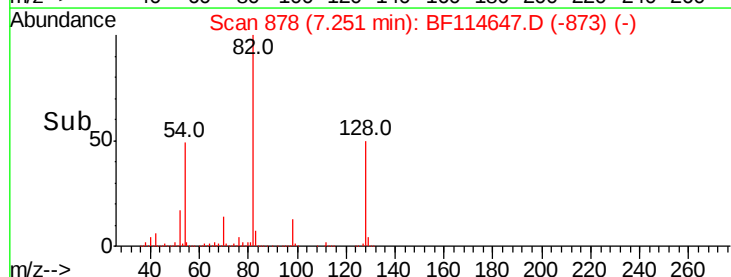
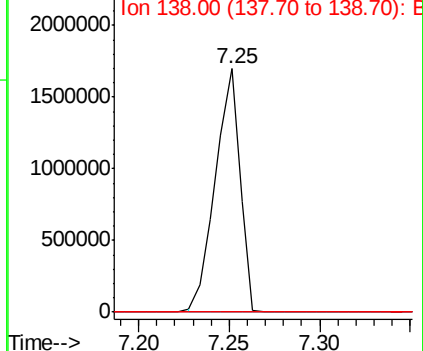
#25
 Isophorone
 Concen: 38.225 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.27 min
 Lab File: BF114647.D
 Acq: 30 May 2019 1:23

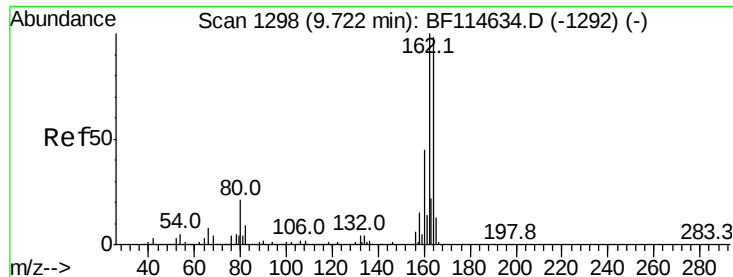
Tgt Ion: 82 Resp: 1605283

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	15.9	23.9#



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

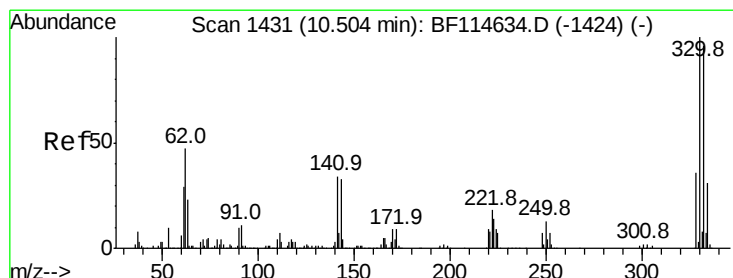
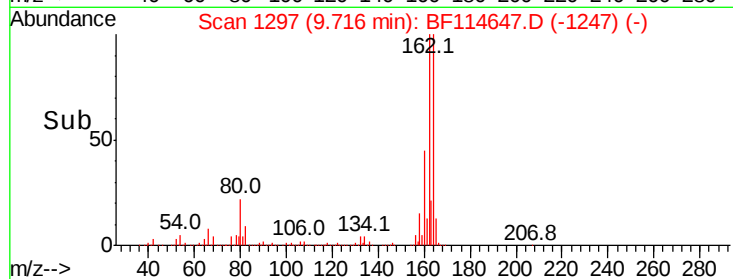
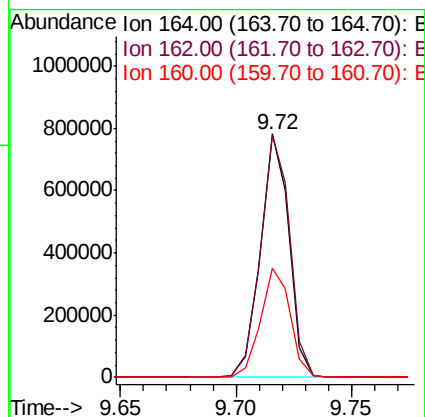
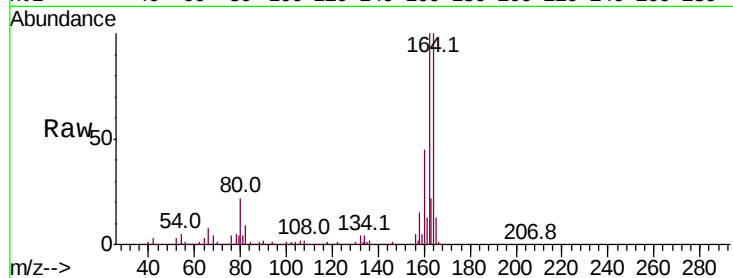




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF114647.D
Acq: 30 May 2019 1:23

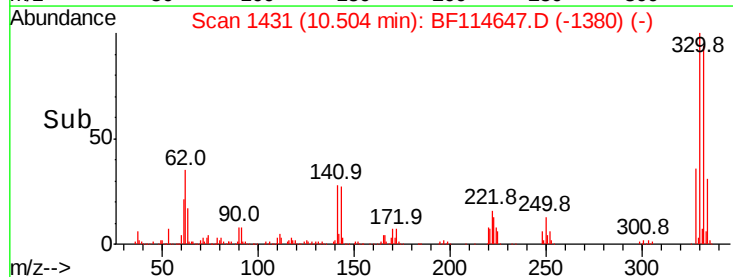
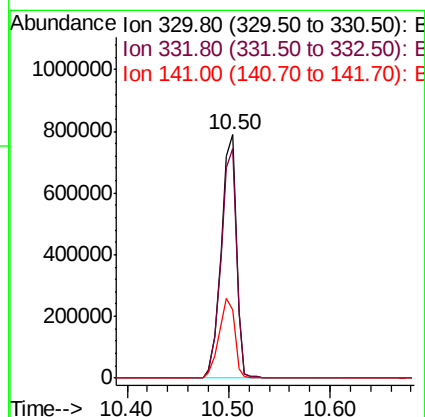
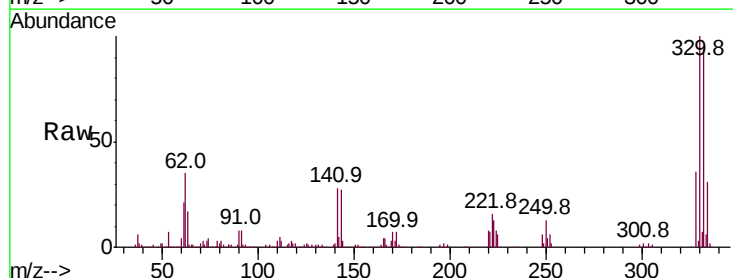
Instrument :
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B-12-COMP

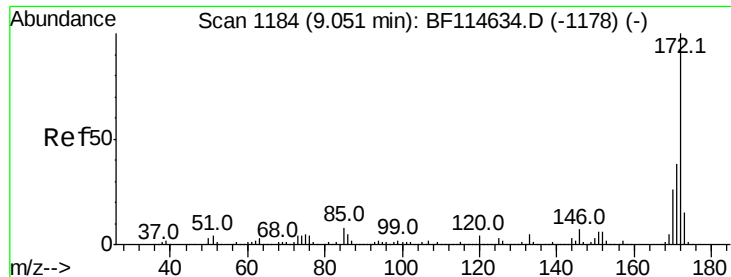
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.4	122.2
160	45.0	36.6	54.8



#42
2,4,6-Tribromophenol
Concen: 128.652 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114647.D
Acq: 30 May 2019 1:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.8	113.8
141	33.8	27.8	41.8



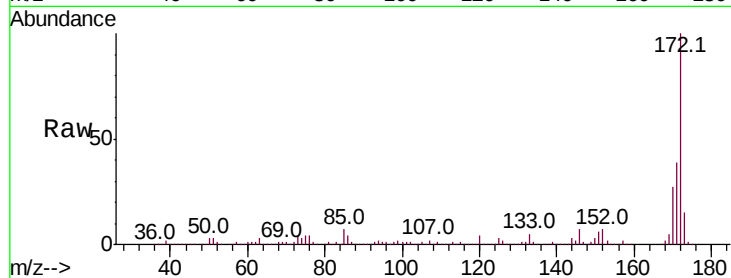


#45
 2-Fluorobiphenyl
 Concen: 77.662 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114647.D
 Acq: 30 May 2019 1:23

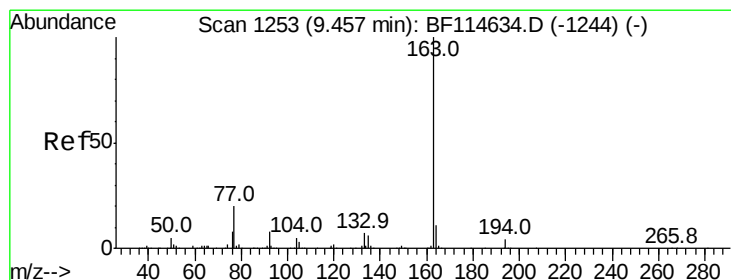
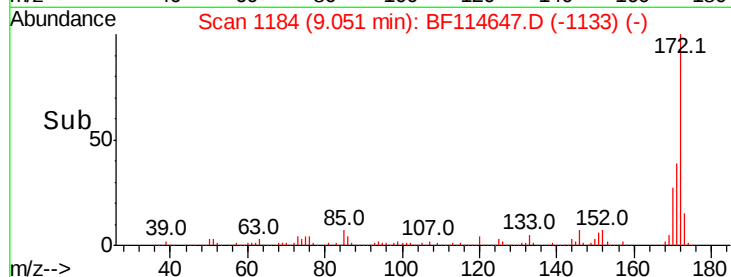
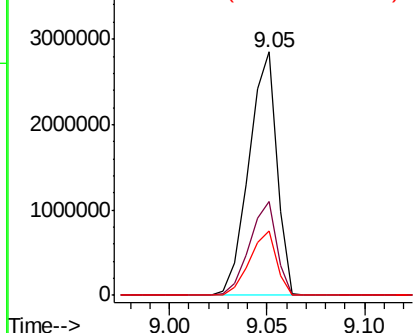
Instrument :
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 B-12-COMP

Tot Ion:172 Resp: 2828656

Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.6	45.8
170	26.5	20.7	31.1



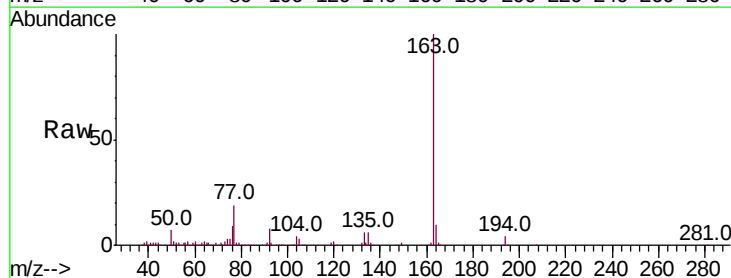
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



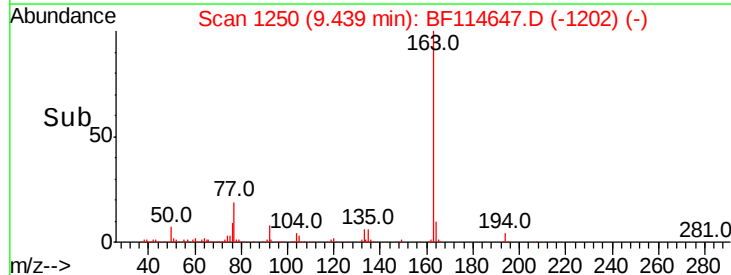
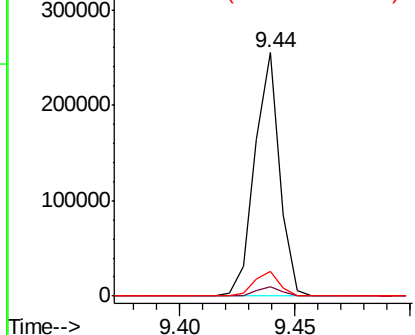
#50
 Dimethylphthalate
 Concen: 4.104 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.02 min
 Lab File: BF114647.D
 Acq: 30 May 2019 1:23

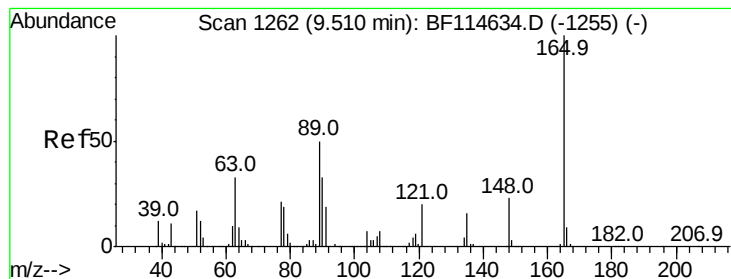
Tgt Ion:163 Resp: 192236

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.1	8.6	13.0



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





#51

2,6-Dinitrotoluene

Concen: 7.984 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.21 min

Lab File: BF114647.D

Acq: 30 May 2019 1:23

Instrument :

BNA_F

ClientSampleId :

B-12-COMP

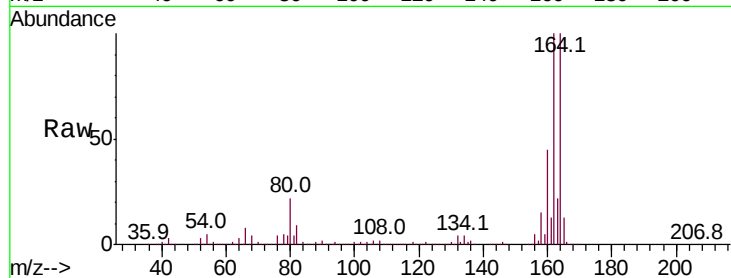
Tot Ion:165 Resp: 86902

Ion Ratio Lower Upper

165 100

63 1.1 36.6 54.8#

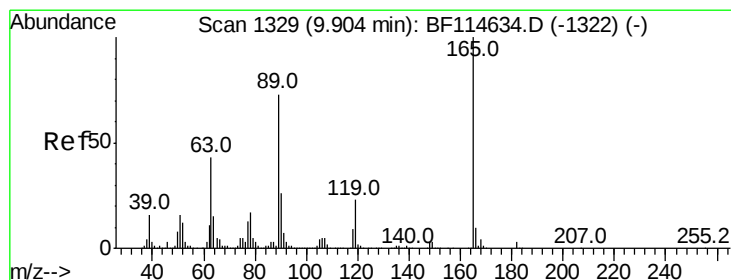
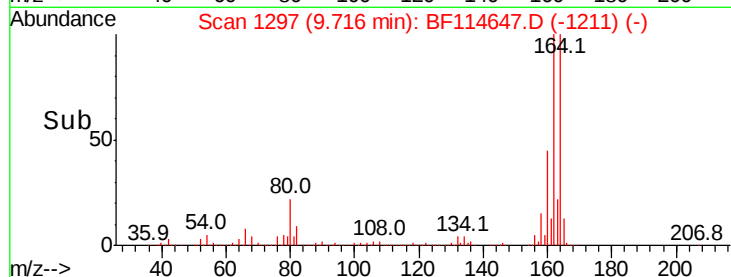
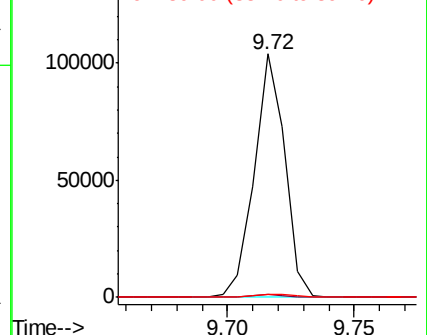
89 1.0 40.2 60.4#



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



#57

2,4-Dinitrotoluene

Concen: 6.221 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.19 min

Lab File: BF114647.D

Acq: 30 May 2019 1:23

Tgt Ion:165 Resp: 86902

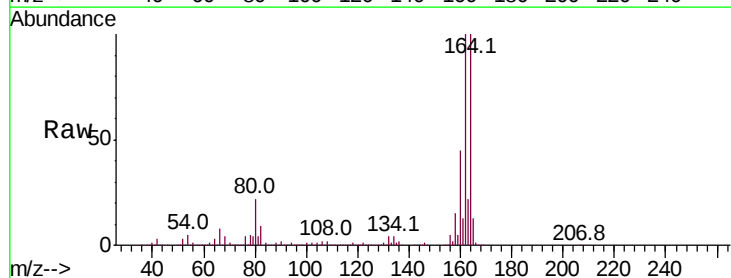
Ion Ratio Lower Upper

165 100

63 1.1 34.8 52.2#

89 1.0 58.5 87.7#

182 0.0 2.2 3.2#

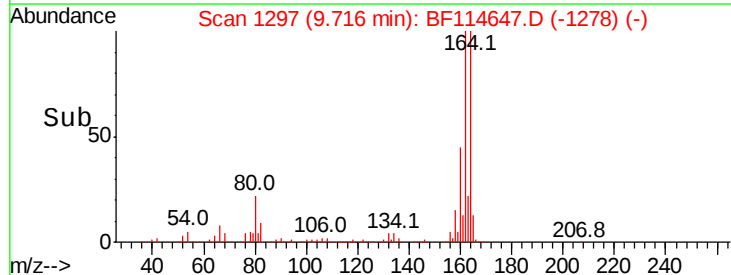
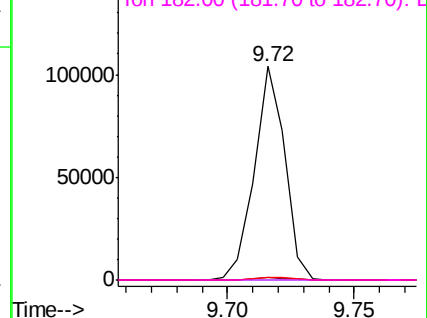


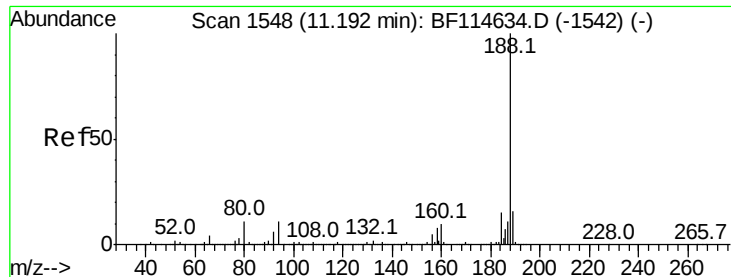
Abundance Ion 165.00 (164.70 to 165.70): E

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

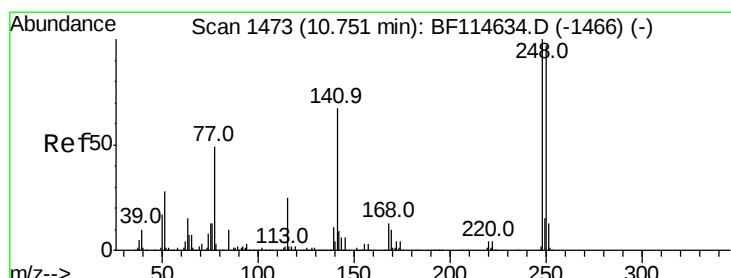
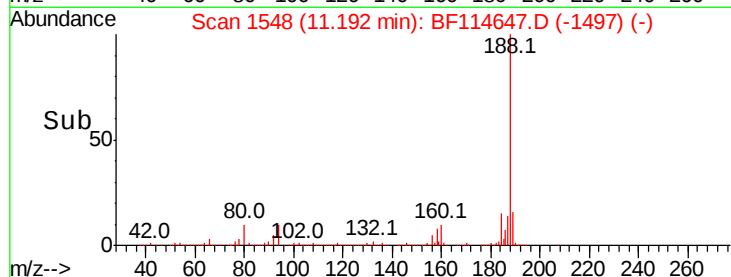
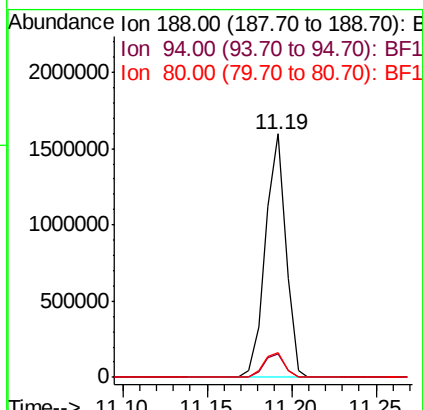
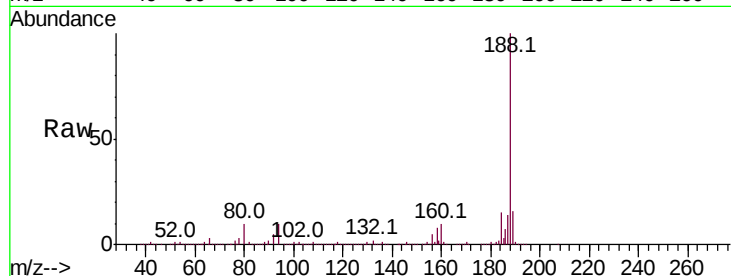




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114647.D
Acq: 30 May 2019 1:23

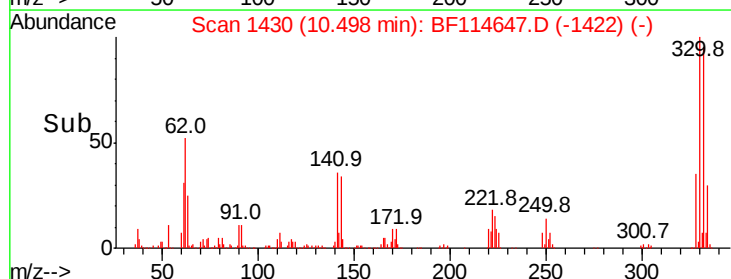
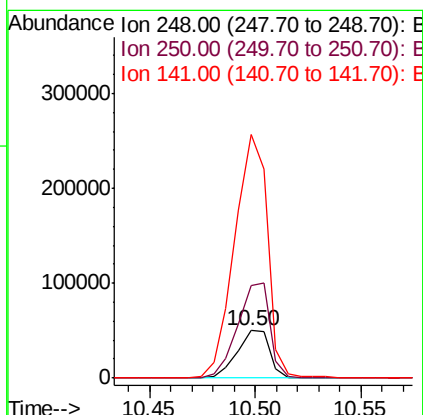
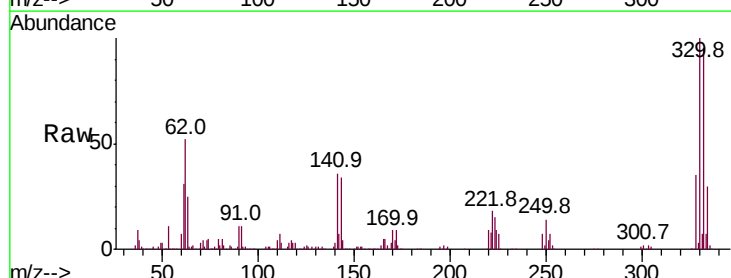
Instrument :
BNA_F
ClientSampleId :
B-12-COMP

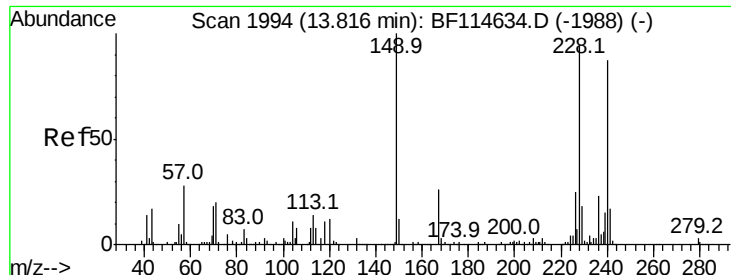
Tot Ion:188 Resp: 1338564
Ion Ratio Lower Upper
188 100
94 9.7 8.6 13.0
80 10.2 9.0 13.6



#67
4-Bromophenyl-phenylether
Concen: 3.713 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF114647.D
Acq: 30 May 2019 1:23

Tgt Ion:248 Resp: 53296
Ion Ratio Lower Upper
248 100
250 193.4 78.0 117.0#
141 510.5 53.8 80.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114647.D

Acq: 30 May 2019 1:23

Instrument :

BNA_F

ClientSampleId :

B-12-COMP

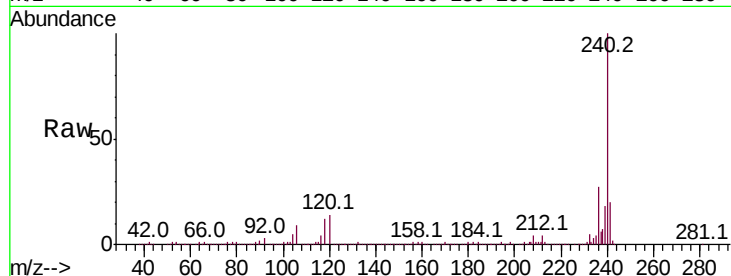
Tot Ion:240 Resp: 1100848

Ion Ratio Lower Upper

240 100

120 13.7 11.2 16.8

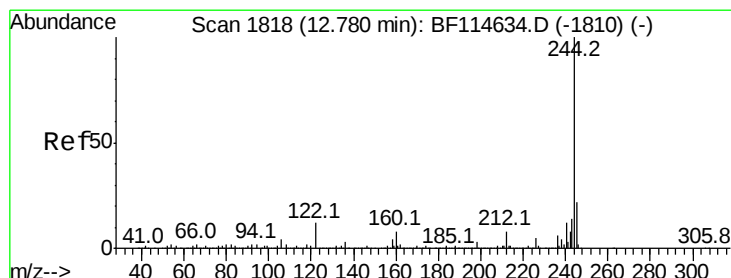
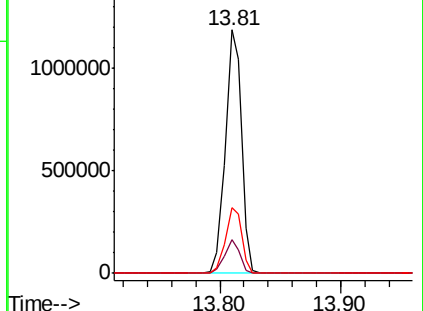
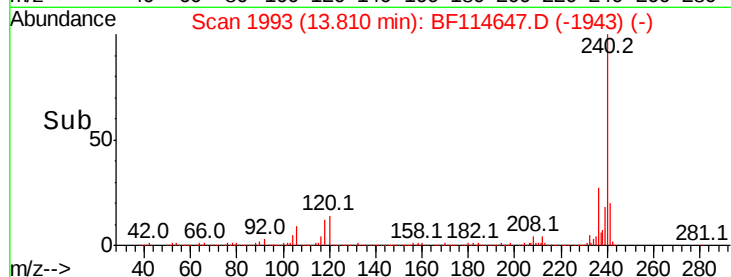
236 27.1 21.2 31.8



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: 58.217 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114647.D

Acq: 30 May 2019 1:23

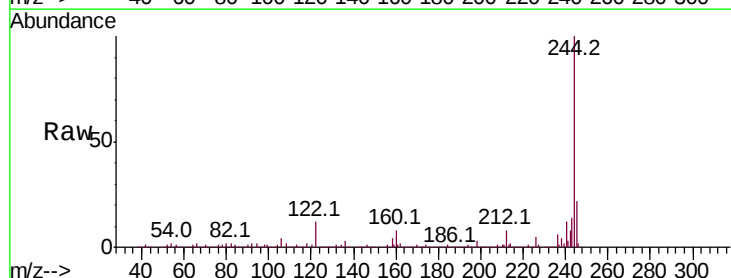
Tgt Ion:244 Resp: 3408697

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

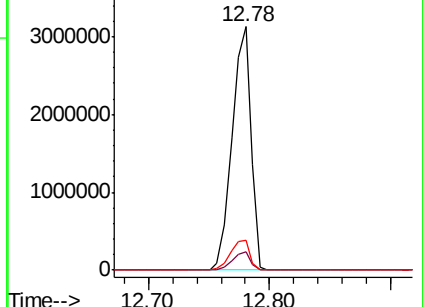
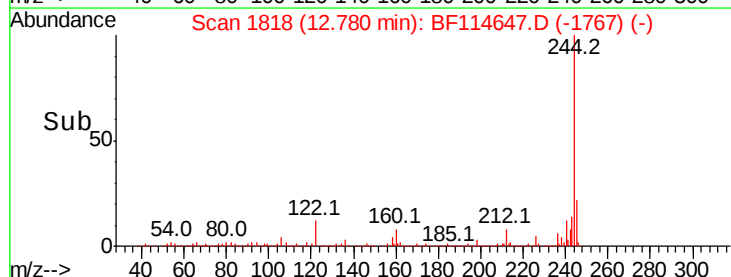
122 12.5 9.8 14.8

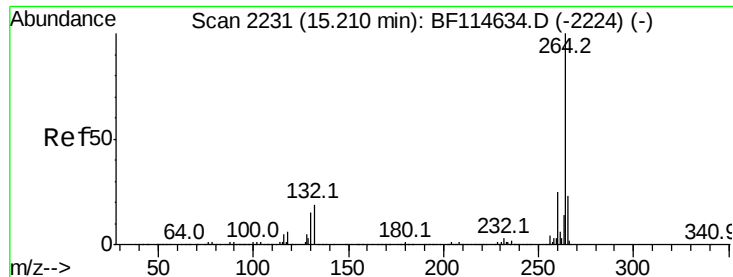


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF114647.D
Acq: 30 May 2019 1:23

Instrument :
BNA_F
ClientSampleId :
B-12-COMP

Tot Ion:264 Resp: 1012834

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.0	18.1	27.1

