

Data File : BF118707.D
Acq On : 25 Jan 2020 3:34
Operator : CG/JU
Sample : L1241-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-13

Quant Time: Jan 27 01:10:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	246400	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	901711	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	478915	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	788120	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	522218	20.00	ng	-0.03
87) Perylene-d12	15.48	264	661441	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1365147	102.90	ng	-0.01
7) Phenol-d6	6.49	99	1665730	96.60	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1029519	63.86	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	506902	91.51	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	2105053	72.24	ng	-0.02
79) Terphenyl-d14	12.96	244	2041599	85.27	ng	-0.03

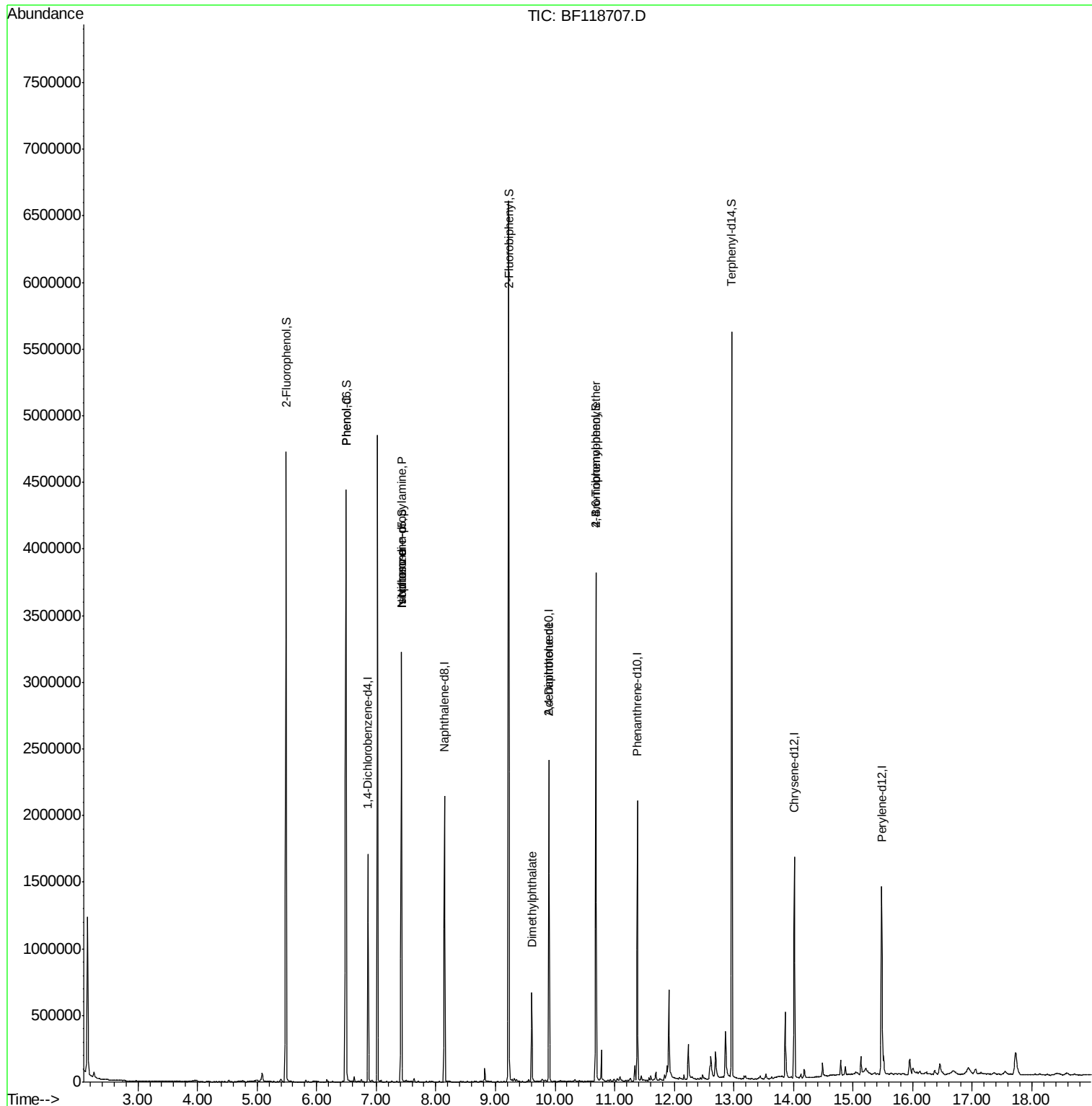
Target Compounds				Qvalue		
10) Phenol	6.50	94	46376	2.360	ng	# 65
19) n-Nitroso-di-n-propylamine	7.42	70	138388	11.886	ng	# 75
25) Isophorone	7.42	82	1029509	35.013	ng	# 64
50) Dimethylphthalate	9.61	163	248911	7.977	ng	97
57) 2,4-Dinitrotoluene	9.90	165	62067	7.047	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	32122	3.299	ng	# 1

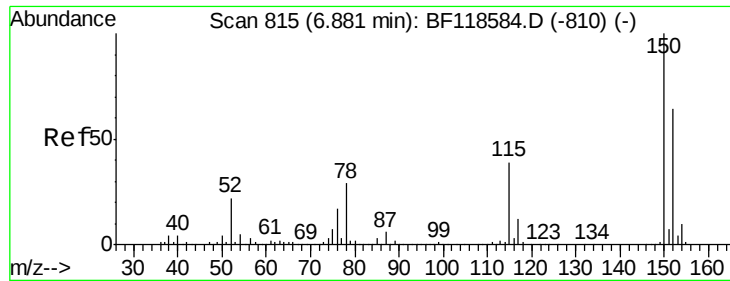
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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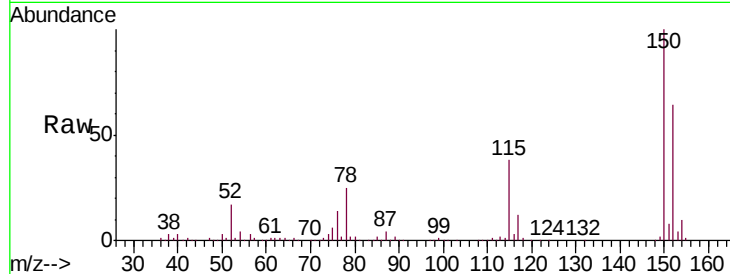


#1

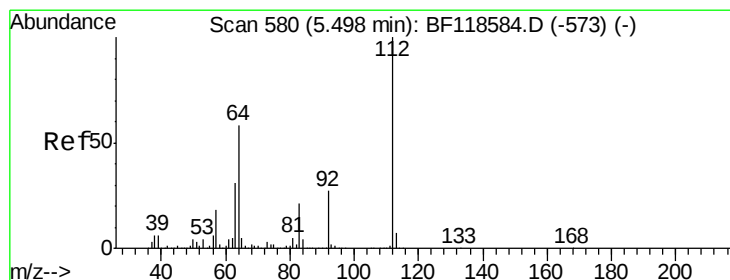
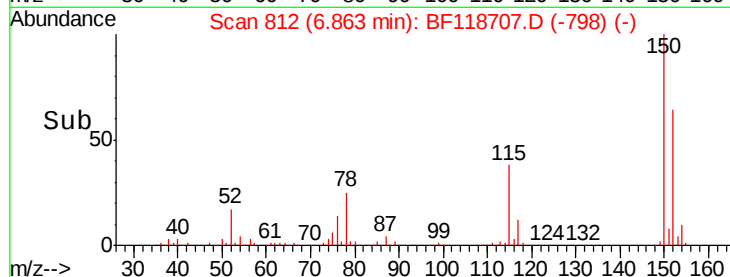
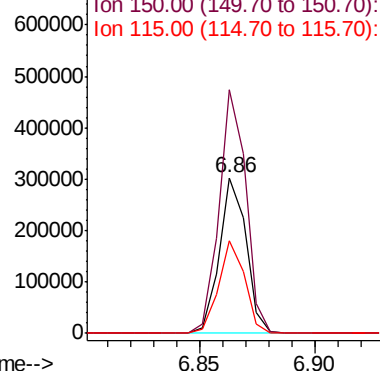
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118707.D
Acq: 25 Jan 2020 3:34

Instrument :
BNA_F
ClientSampleId :
EP-13

Tgt Ion:152 Resp: 246400
Ion Ratio Lower Upper
152 100
150 156.5 125.6 188.4
115 59.6 48.4 72.6



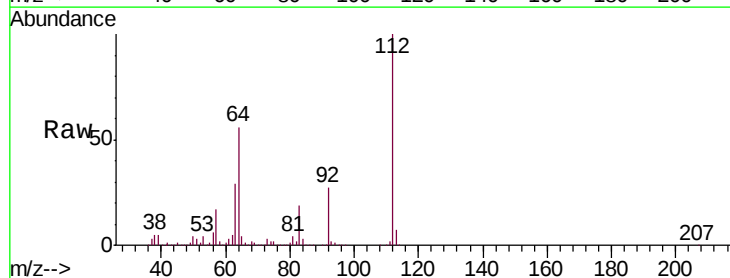
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



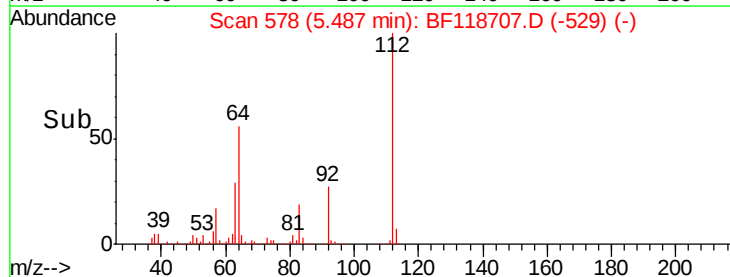
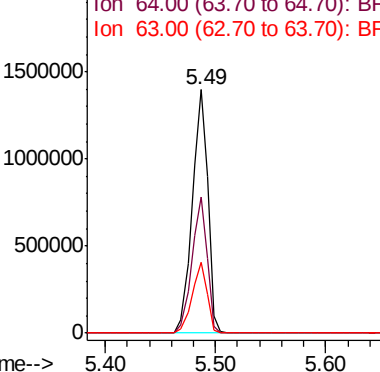
#5

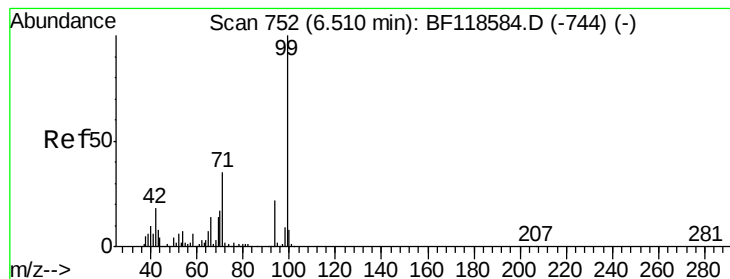
2-Fluorophenol
Concen: 102.899 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF118707.D
Acq: 25 Jan 2020 3:34

Tgt Ion:112 Resp: 1365147
Ion Ratio Lower Upper
112 100
64 56.1 46.6 70.0
63 29.2 25.1 37.7



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: 96.600 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF118707.D

Acq: 25 Jan 2020 3:34

Instrument :

BNA_F

ClientSampleId :

EP-13

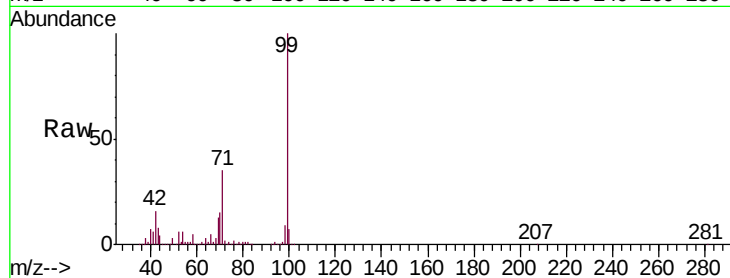
Tgt Ion: 99 Resp: 1665730

Ion Ratio Lower Upper

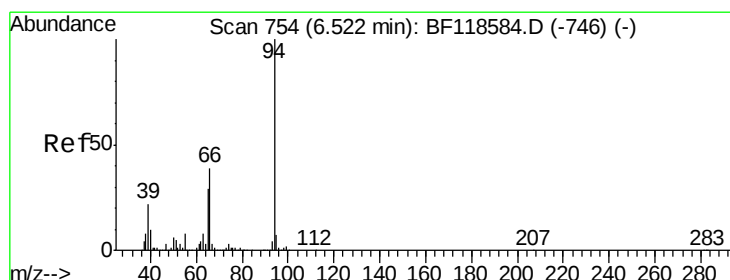
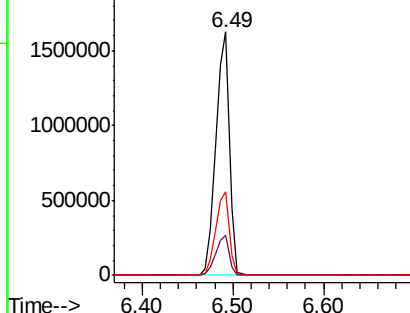
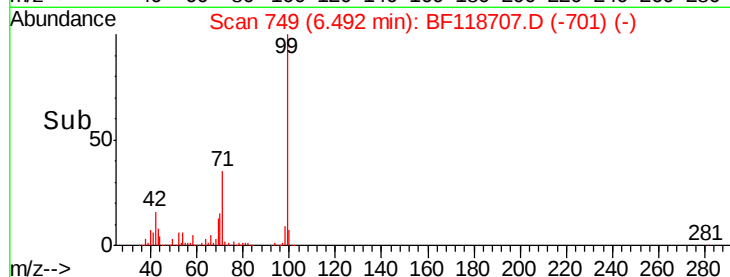
99 100

42 16.4 14.2 21.2

71 34.6 27.8 41.6



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: 2.360 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118707.D

Acq: 25 Jan 2020 3:34

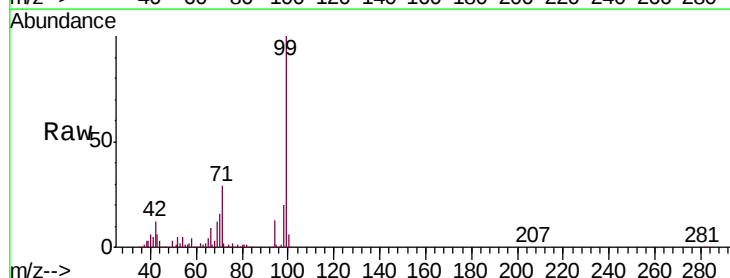
Tgt Ion: 94 Resp: 46376

Ion Ratio Lower Upper

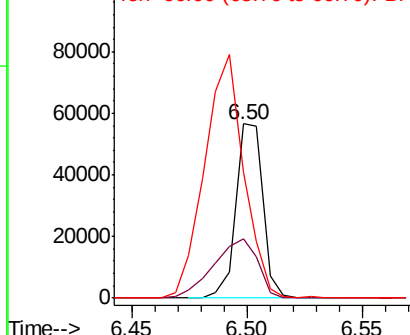
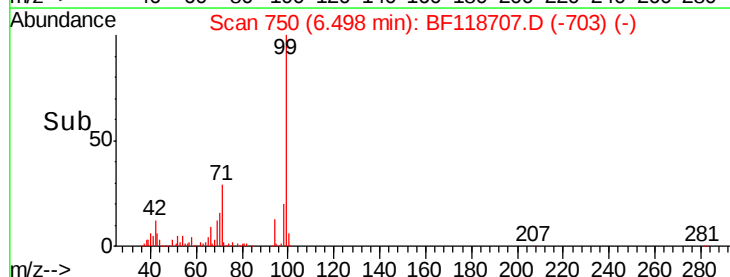
94 100

65 34.1 9.5 49.5

66 72.5 18.5 58.5#



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

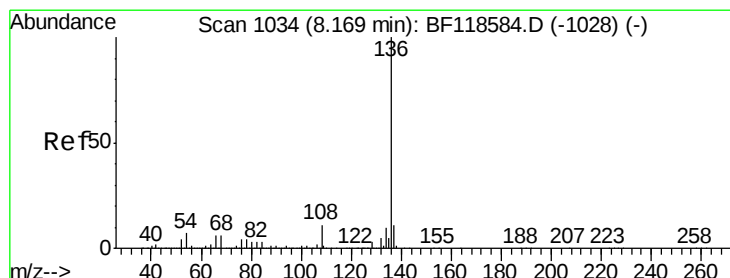
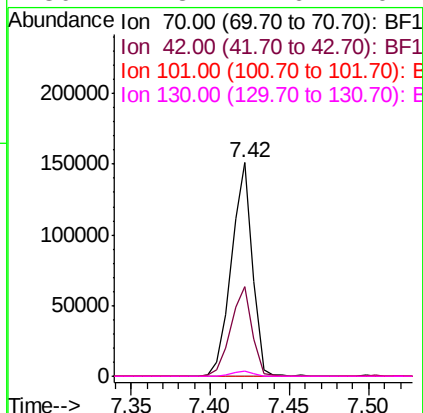
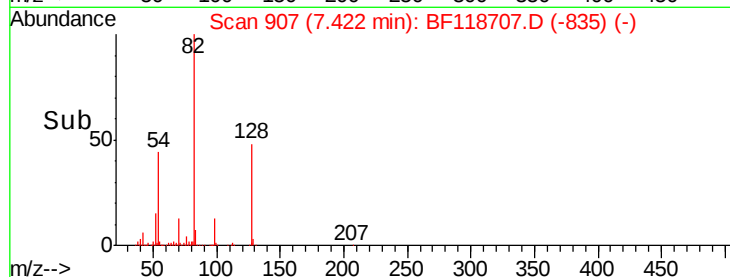
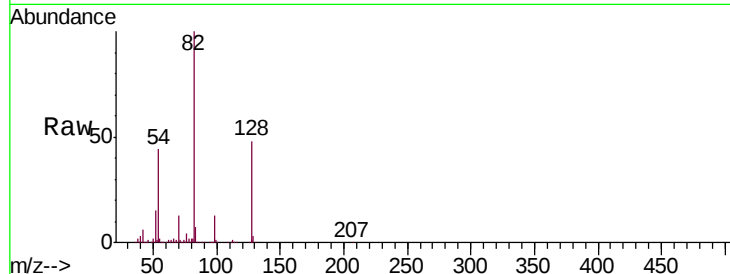




#19
n-Nitroso-di-n-propylamine
Concen: 11.886 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.12 min
Lab File: BF118707.D
Acq: 25 Jan 2020 3:34

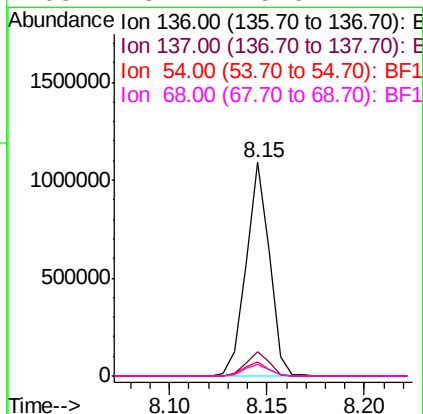
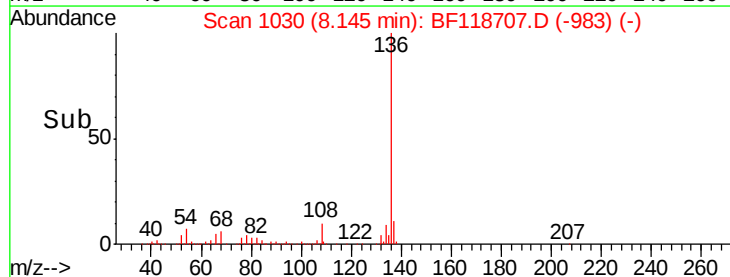
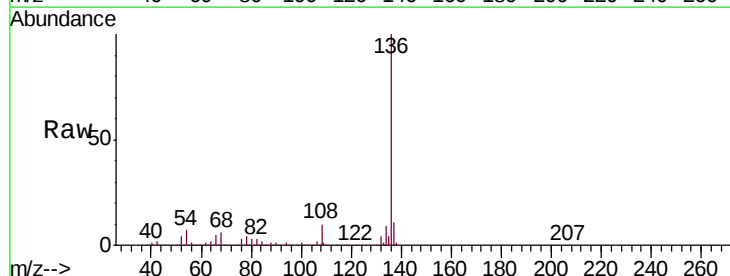
Instrument :
BNA_F
ClientSampleId :
EP-13

Tgt Ion:	70	Resp:	138388
Ion Ratio	Lower	Upper	
70	100		
42	41.8	43.4	65.0#
101	0.0	8.1	12.1#
130	2.3	17.6	26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118707.D
Acq: 25 Jan 2020 3:34

Tgt Ion:	136	Resp:	901711
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	6.6	5.8	8.6
68	5.7	5.0	7.4

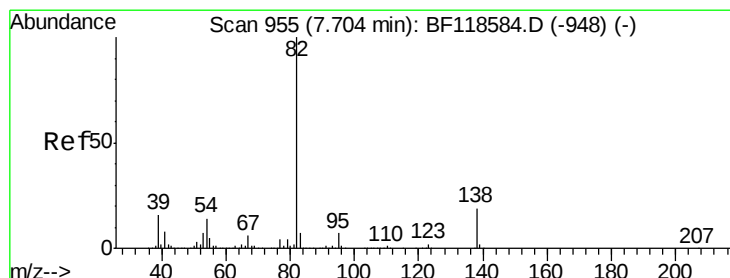
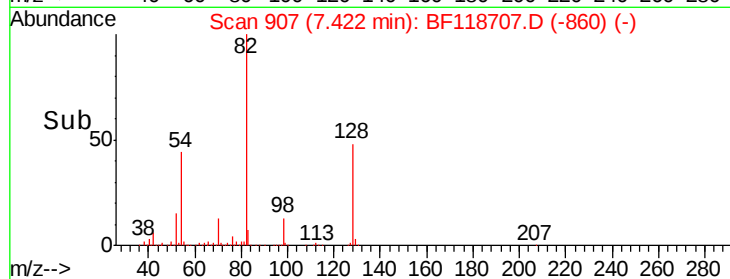
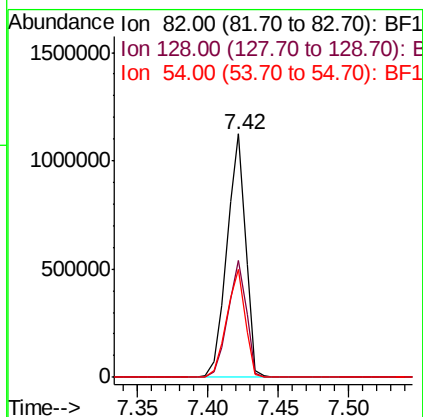
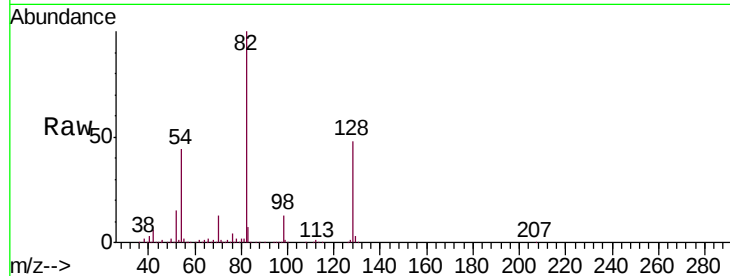




#23
Nitrobenzene-d5
Concen: 63.862 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118707.D
Acq: 25 Jan 2020 3:34

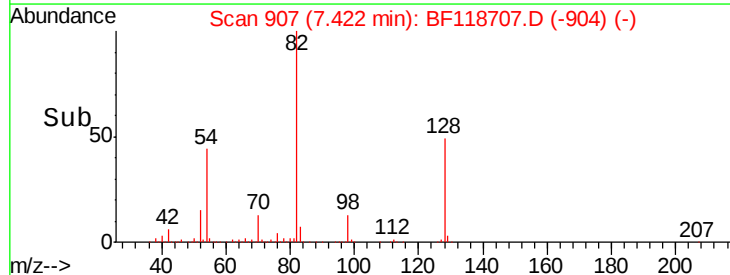
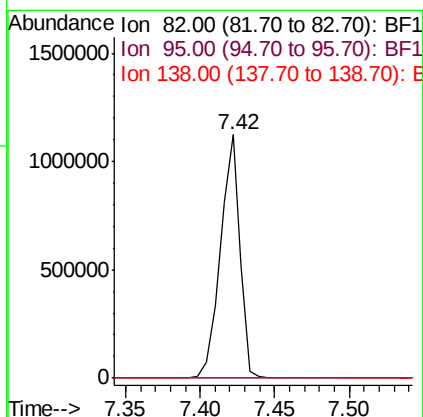
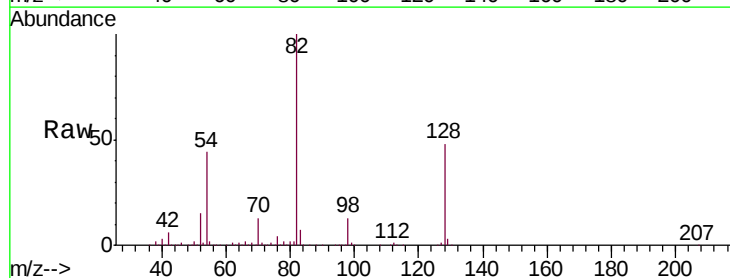
Instrument :
BNA_F
ClientSampleId :
EP-13

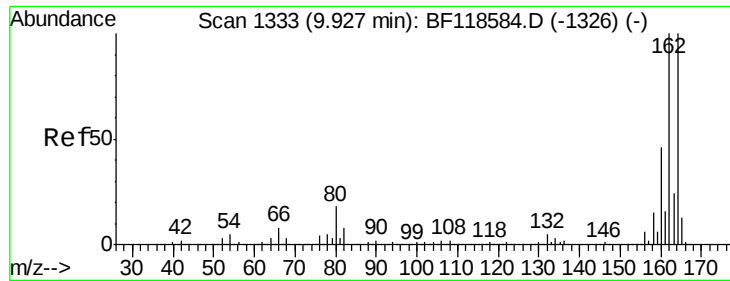
Tgt Ion: 82 Resp: 1029519
Ion Ratio Lower Upper
82 100
128 48.1 36.6 54.8
54 44.3 38.0 57.0



#25
Isophorone
Concen: 35.013 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.28 min
Lab File: BF118707.D
Acq: 25 Jan 2020 3:34

Tgt Ion: 82 Resp: 1029509
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF118707.D

Acq: 25 Jan 2020 3:34

Instrument :

BNA_F

ClientSampleId :

EP-13

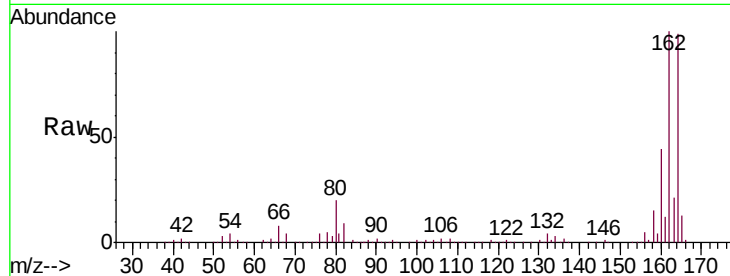
Tgt Ion:164 Resp: 478915

Ion Ratio Lower Upper

164 100

162 100.9 80.4 120.6

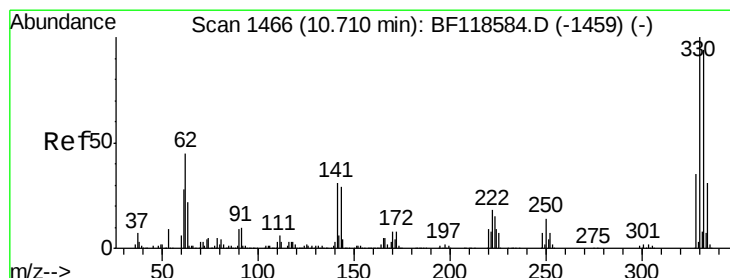
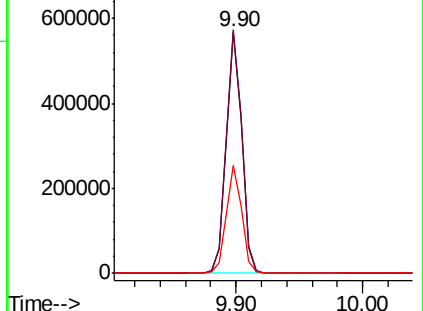
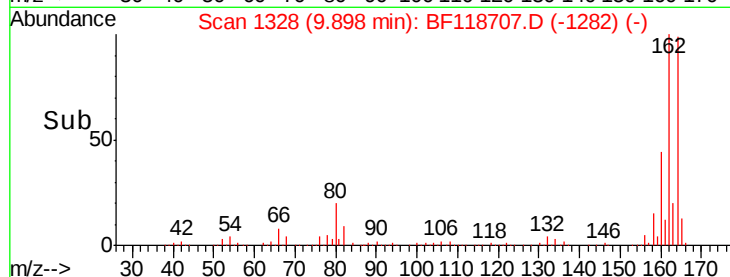
160 44.5 36.6 55.0



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: 91.511 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BF118707.D

Acq: 25 Jan 2020 3:34

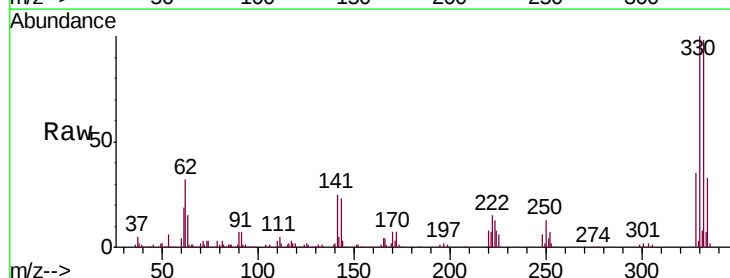
Tgt Ion:330 Resp: 506902

Ion Ratio Lower Upper

330 100

332 97.6 76.2 114.4

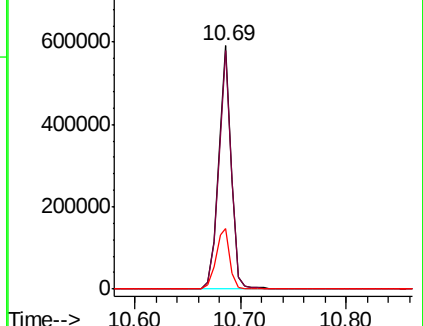
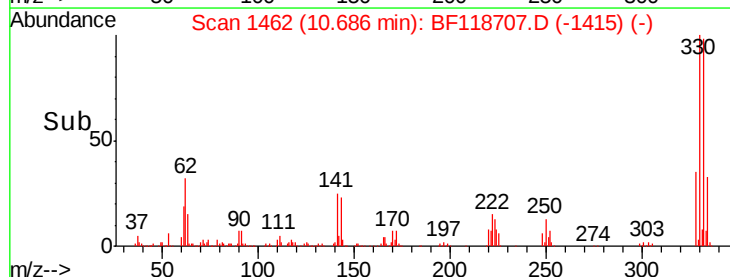
141 27.3 23.9 35.9

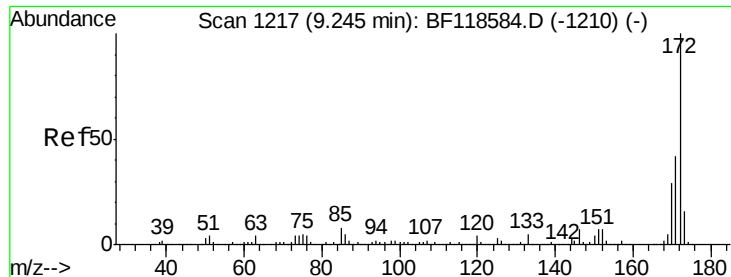


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

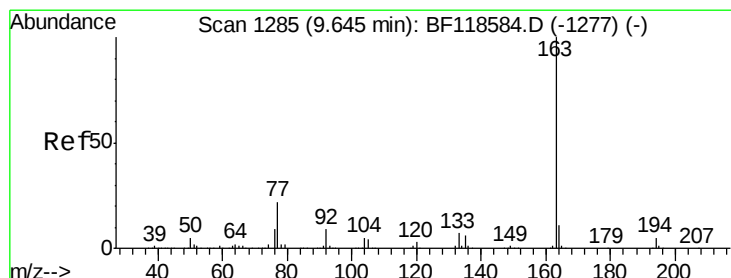
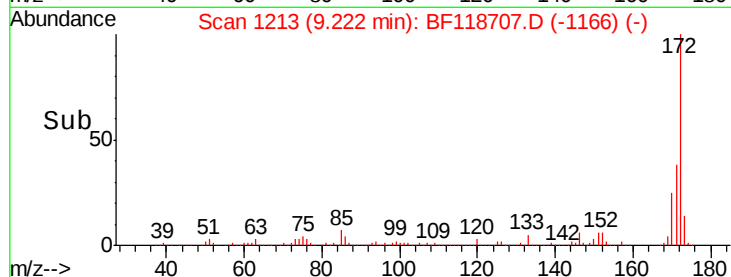
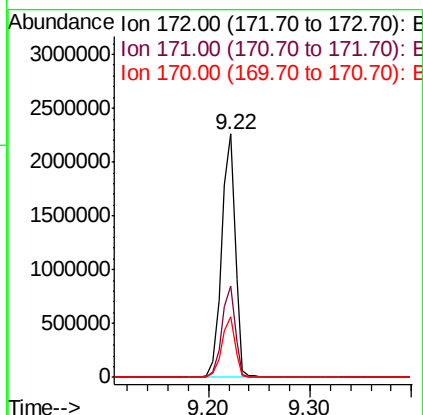
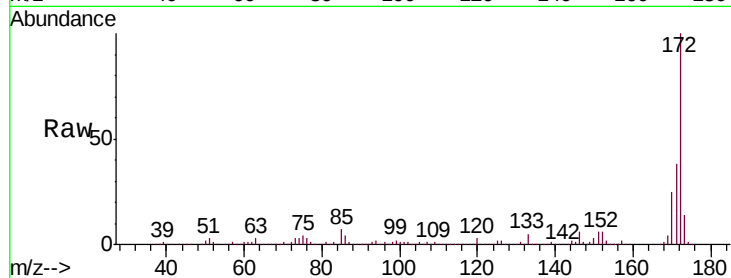




#45
 2-Fluorobiphenyl
 Concen: 72.244 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF118707.D
 Acq: 25 Jan 2020 3:34

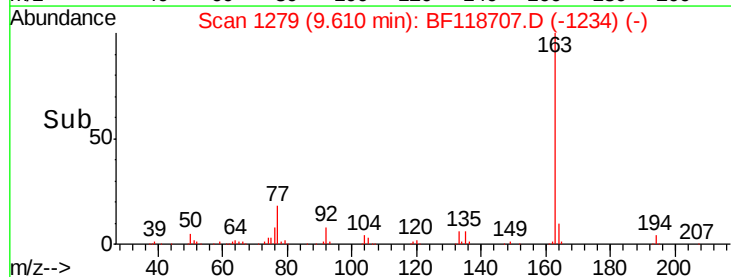
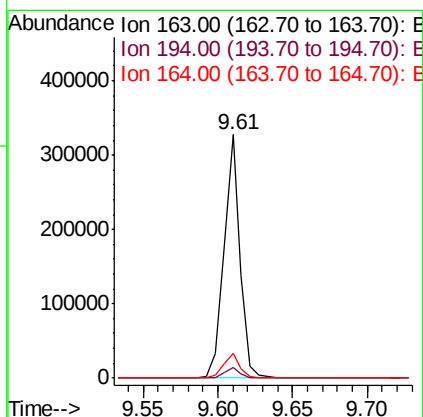
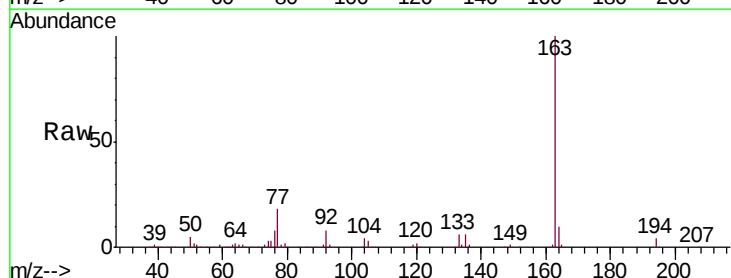
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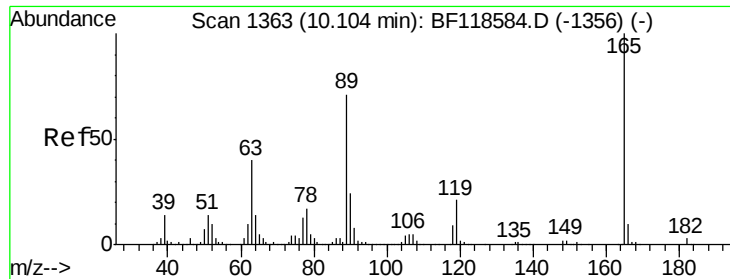
Tgt Ion:172 Resp: 2105053
 Ion Ratio Lower Upper
 172 100
 171 37.6 33.4 50.2
 170 24.7 23.2 34.8



#50
 Dimethylphthalate
 Concen: 7.977 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.04 min
 Lab File: BF118707.D
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Tgt Ion:163 Resp: 248911
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.9 5.9
 164 10.2 9.1 13.7

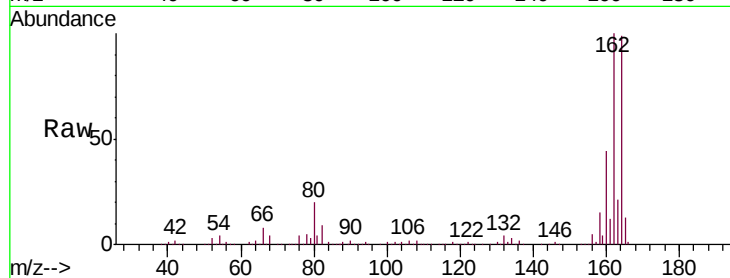




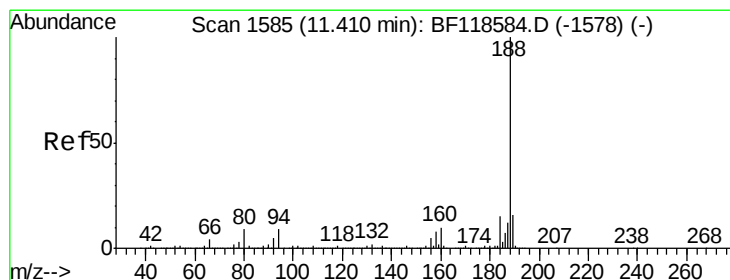
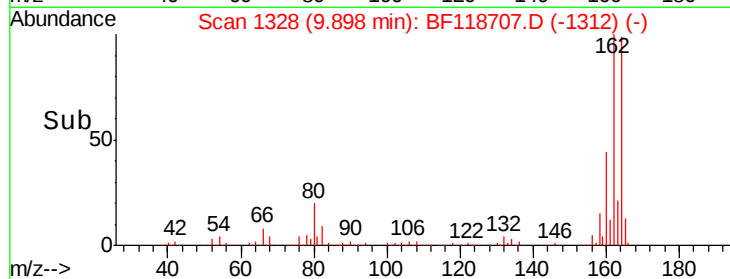
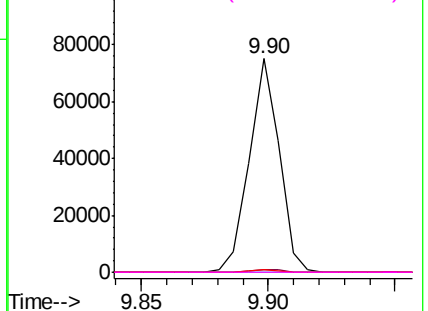
#57
2,4-Dinitrotoluene
Concen: 7.047 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.21 min
Lab File: BF118707.D
Acq: 25 Jan 2020 3:34

Instrument :
BNA_F
ClientSampleId :
EP-13

Tgt Ion:	165	Resp:	62067
Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.4	48.6#
89	1.1	56.4	84.6#
182	0.0	2.3	3.5#

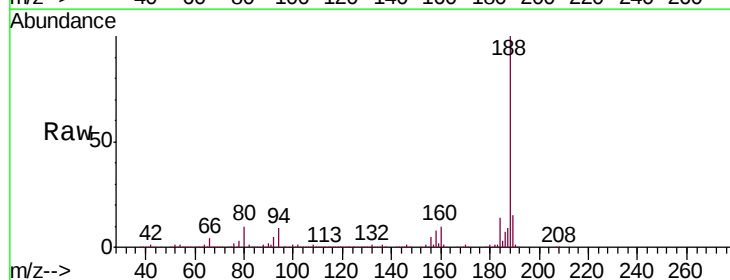


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

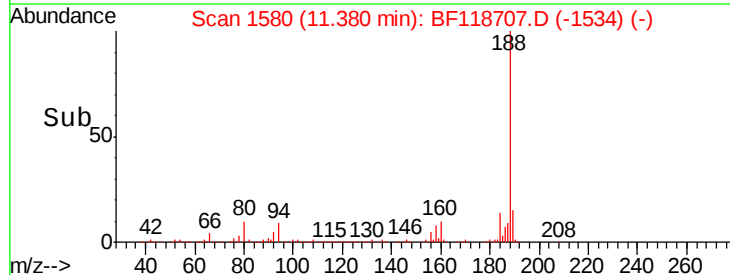
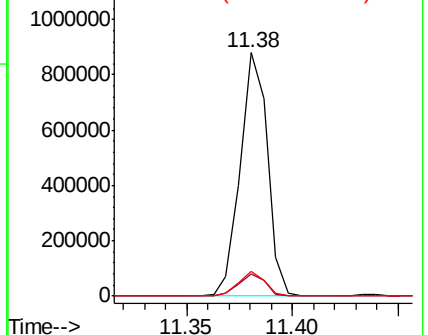


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BF118707.D
Acq: 25 Jan 2020 3:34

Tgt Ion:	188	Resp:	788120
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.1	10.7
80	10.3	7.5	11.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

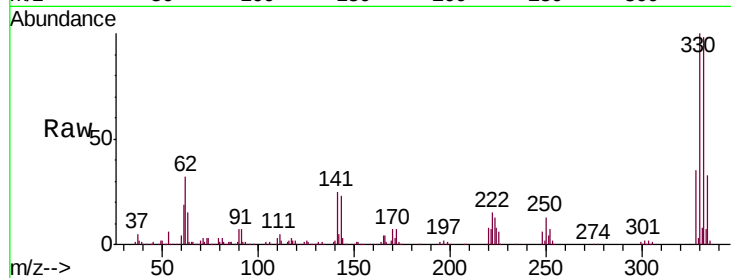




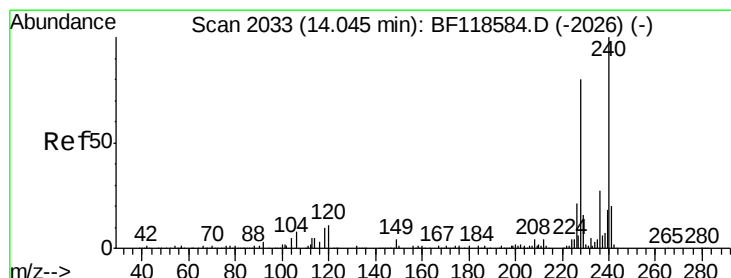
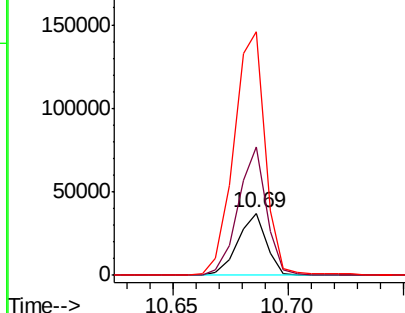
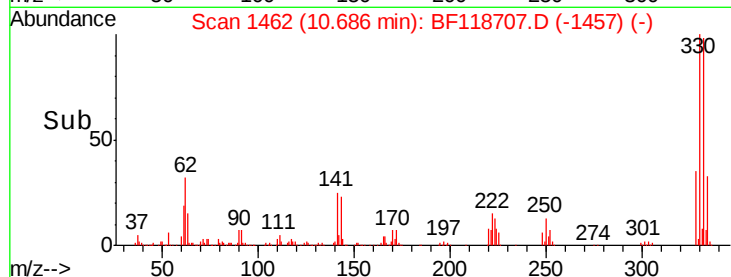
#67
4-Bromophenyl-phenylether
Concen: 3.299 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.27 min
Lab File: BF118707.D
Acq: 25 Jan 2020 3:34

Instrument :
BNA_F
ClientSampleId :
EP-13

Tgt Ion:248 Resp: 32122
Ion Ratio Lower Upper
248 100
250 206.2 78.7 118.1#
141 392.1 43.2 64.8#

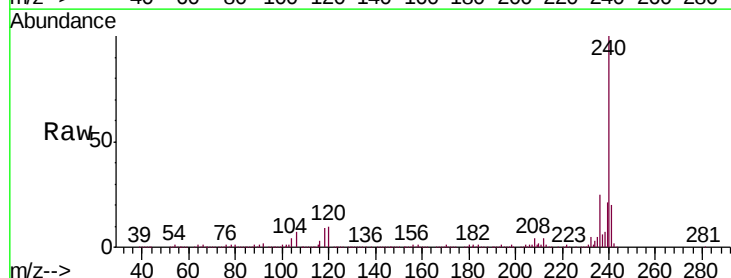


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

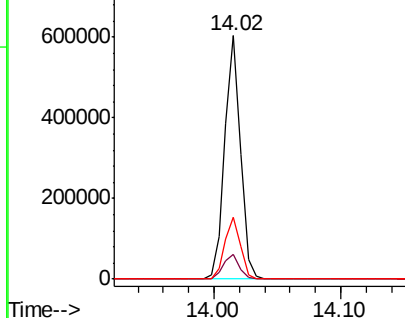
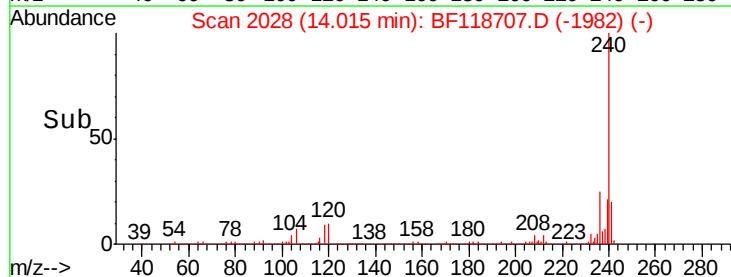


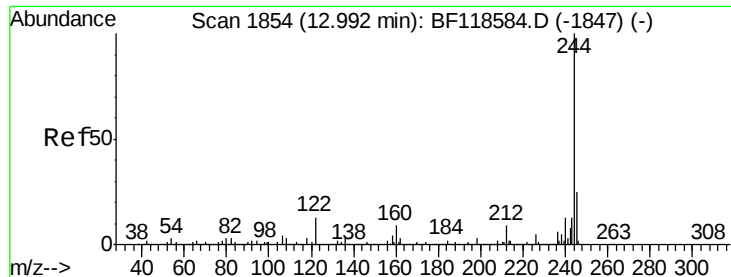
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.03 min
Lab File: BF118707.D
Acq: 25 Jan 2020 3:34

Tgt Ion:240 Resp: 522218
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.5 21.5 32.3



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

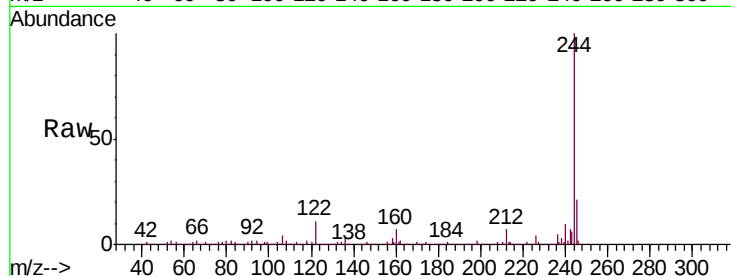




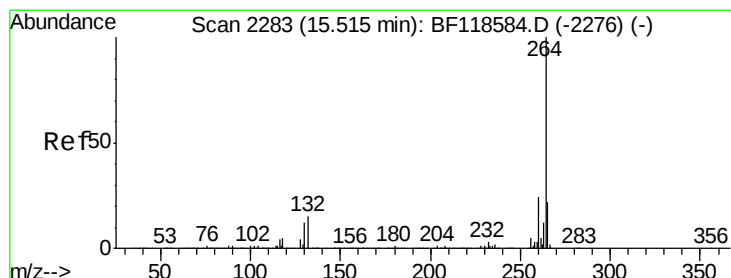
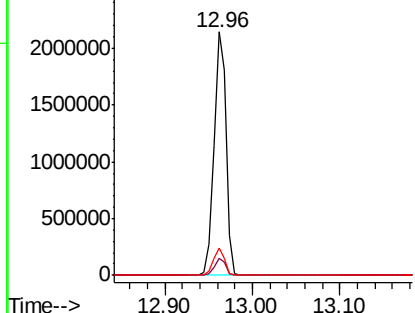
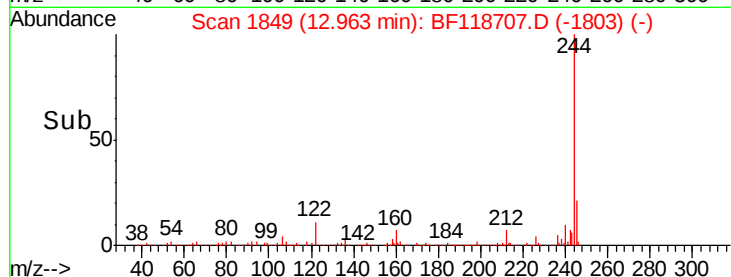
#79
 Terphenyl-d14
 Concen: 85.269 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.03 min
 Lab File: BF118707.D
 Acq: 25 Jan 2020 3:34

Instrument :
 BNA_F
 ClientSampled :
 EP-13

Tgt Ion:244 Resp: 2041599
 Ion Ratio Lower Upper
 244 100
 212 6.8 7.0 10.4#
 122 11.0 10.7 16.1

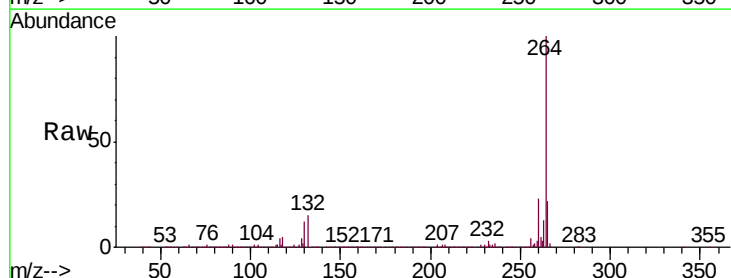


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.04 min
 Lab File: BF118707.D
 Acq: 25 Jan 2020 3:34

Tgt Ion:264 Resp: 661441
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 21.6 17.7 26.5



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

