

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121387.D
 Acq On : 22 Aug 2020 1:26
 Operator : JU/CG
 Sample : L3747-01 20X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 340

Quant Time: Aug 22 03:23:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	145148	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	549317	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	254658	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	390033	20.00	ng	0.00
76) Chrysene-d12	13.87	240	206549	20.00	ng	0.02
86) Perylene-d12	15.30	264	254015	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	12059	1.36	ng	0.01
7) Phenol-d6	6.35	99	32225	2.85	ng	0.00
23) Nitrobenzene-d5	7.26	82	26552	2.73	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	505	0.17	ng	0.01
45) 2-Fluorobiphenyl	9.05	172	60397	-9.88	ng	0.00
79) Terphenyl-d14	12.80	244	33803	3.20	ng	0.00

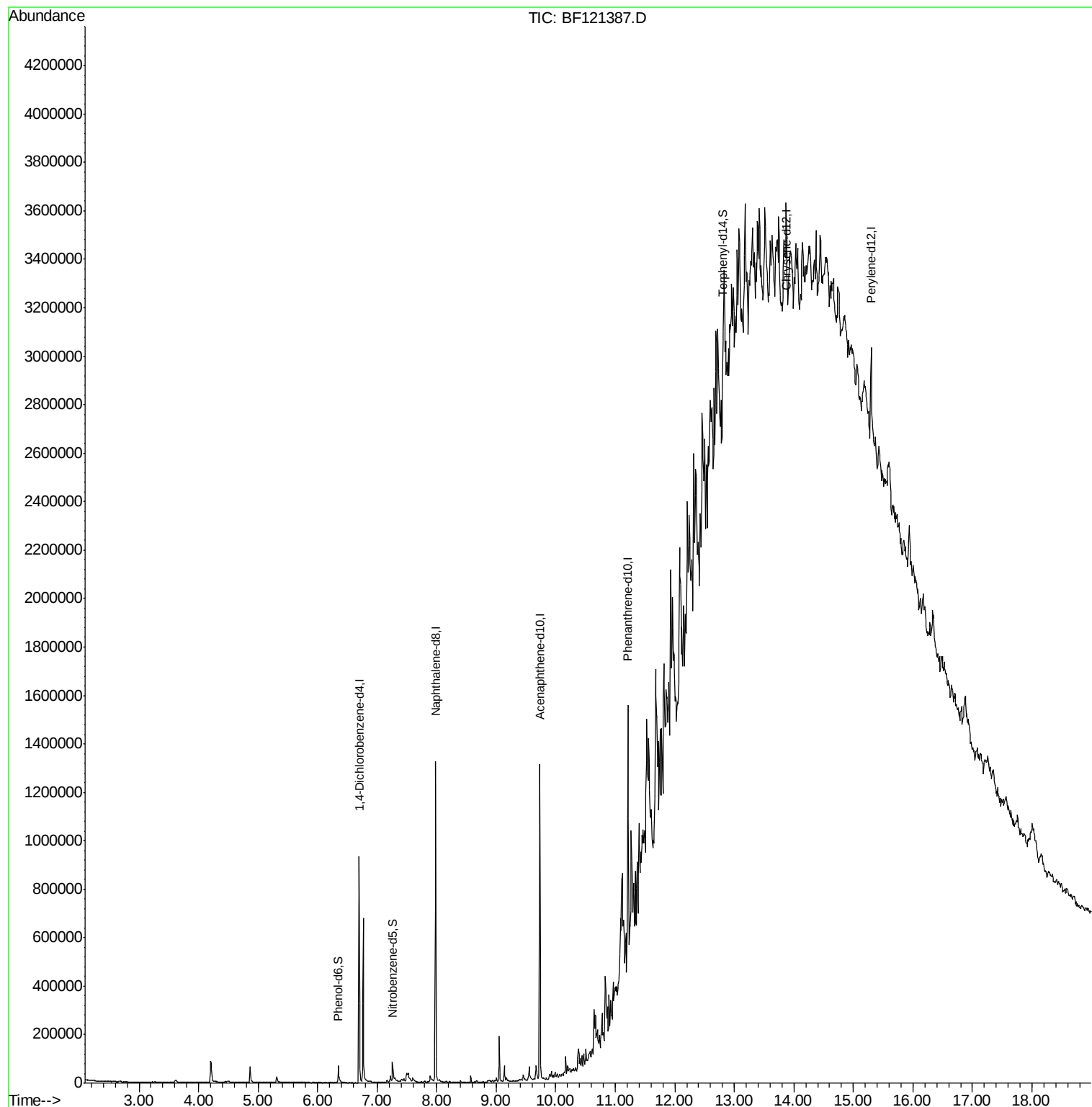
Target Compounds Qvalue

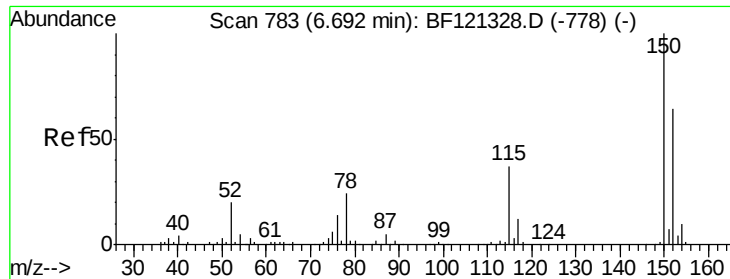
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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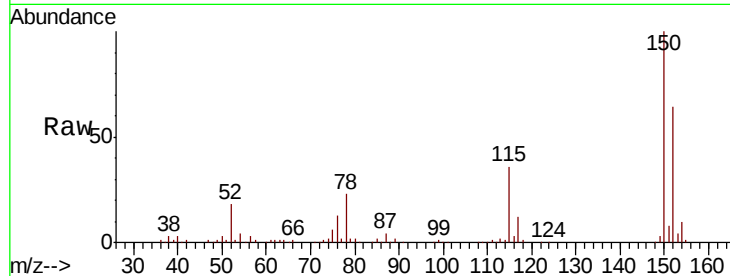


#1

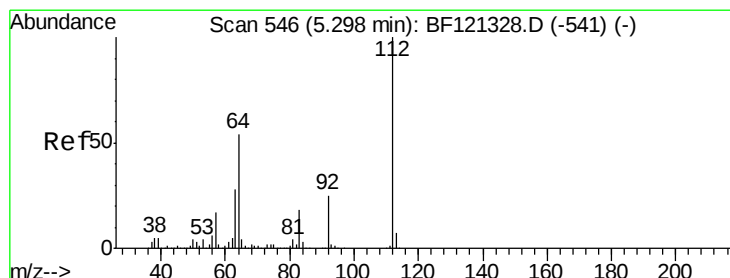
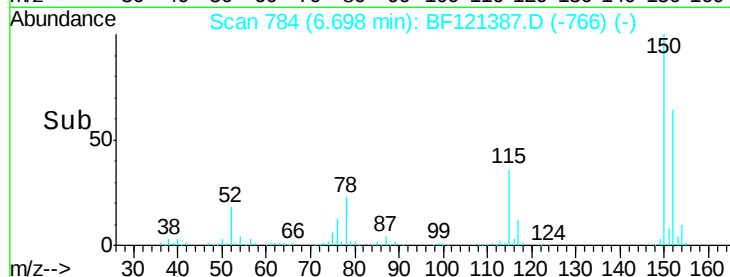
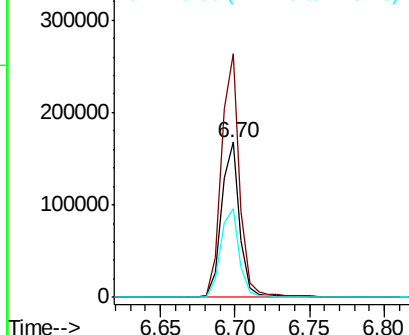
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF121387.D
 Acq: 22 Aug 2020 1:26

Instrument :
 BNA_F
 ClientSampleId :
 340

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.8	187.2
115	57.1	46.1	69.1



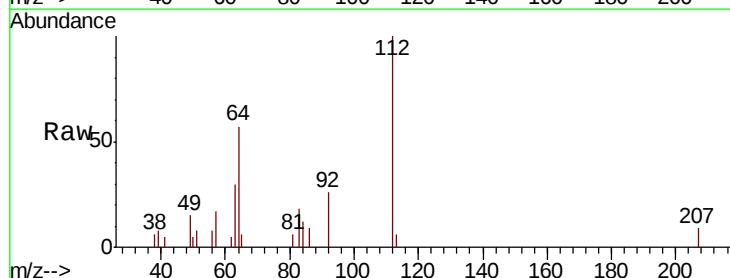
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



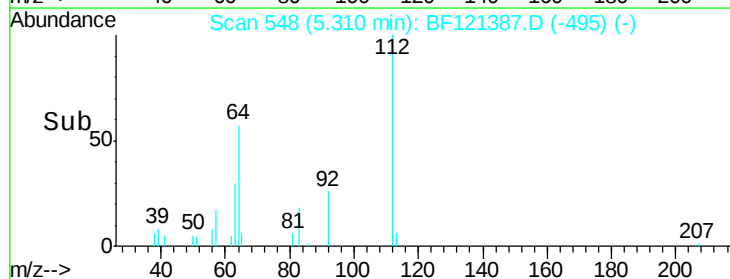
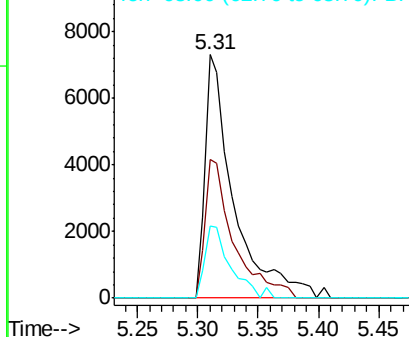
#5

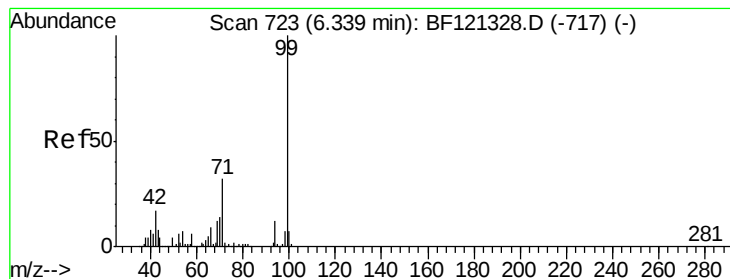
2-Fluorophenol
 Concen: 1.362 ng
 RT: 5.31 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF121387.D
 Acq: 22 Aug 2020 1:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	43.5	65.3
63	29.7	22.0	33.0



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: 2.852 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121387.D

Acq: 22 Aug 2020 1:26

Instrument :

BNA_F

ClientSampleId :

340

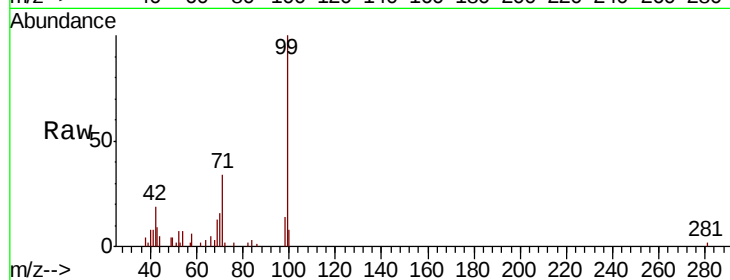
Tot Ion: 99 Resp: 32225

Ion Ratio Lower Upper

99 100

42 19.3 13.5 20.3

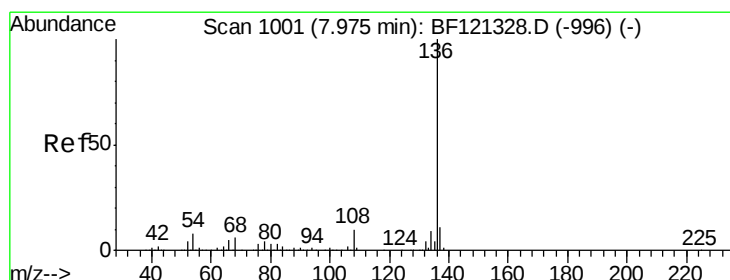
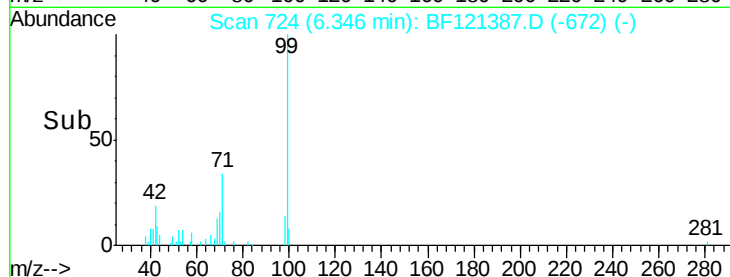
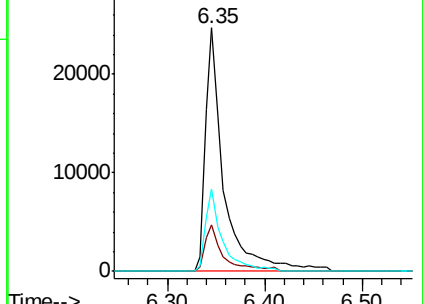
71 33.6 25.2 37.8



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF121387.D

Acq: 22 Aug 2020 1:26

Tgt Ion: 136 Resp: 549317

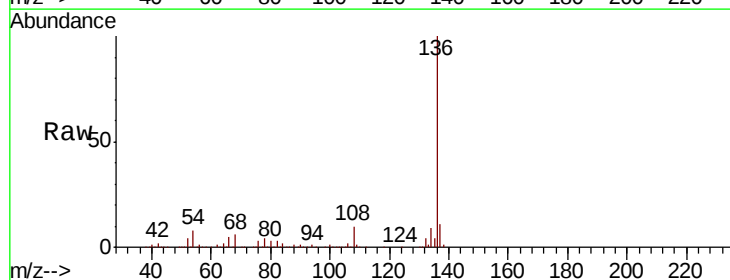
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.6 6.1 9.1

68 6.1 5.0 7.4

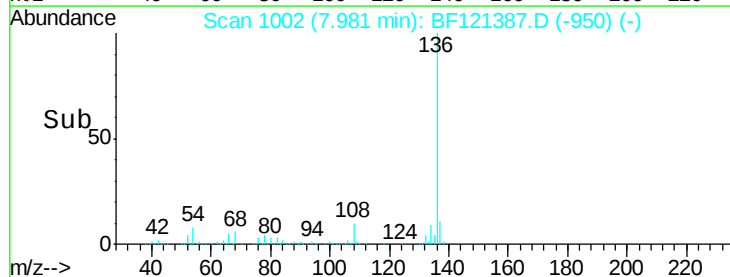
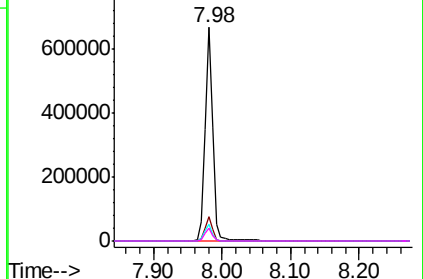


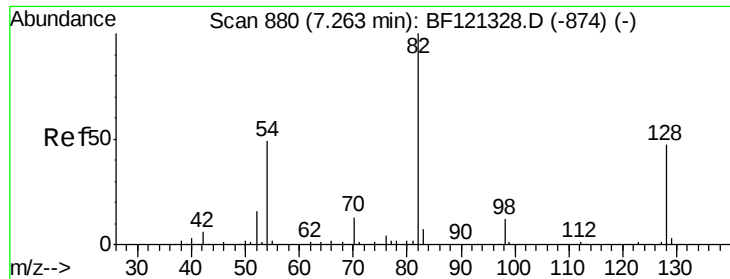
Abundance Ion 136.00 (135.70 to 136.70): E

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

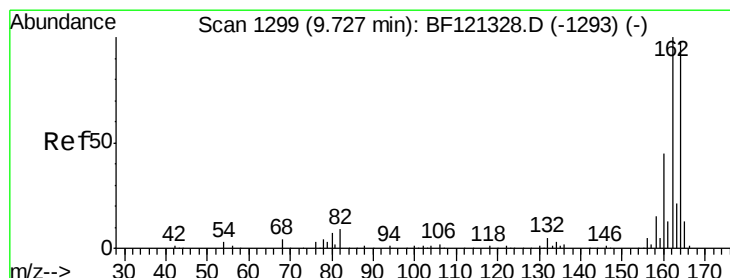
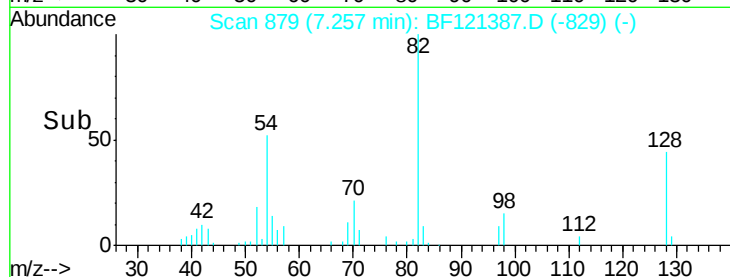
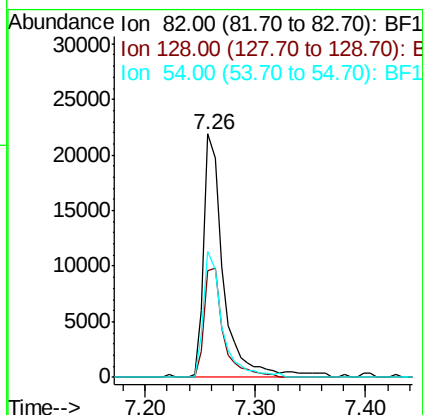
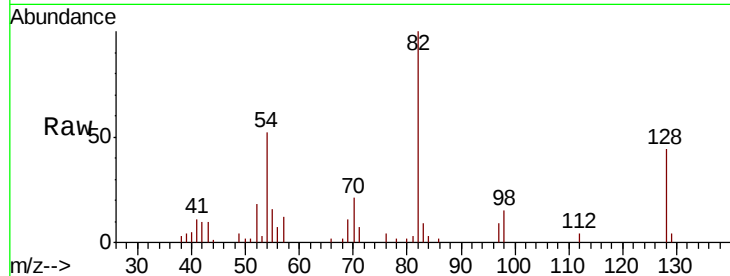




#23
 Nitrobenzene-d5
 Concen: 2.734 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF121387.D
 Acq: 22 Aug 2020 1:26

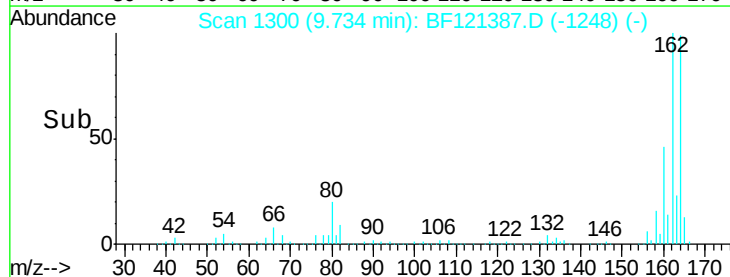
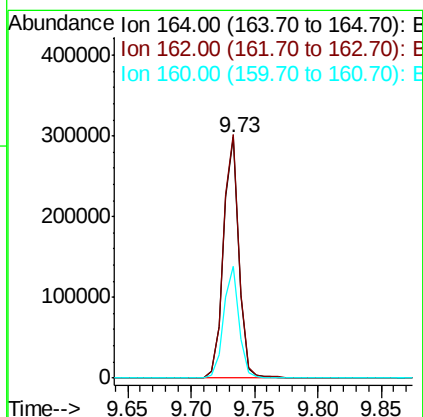
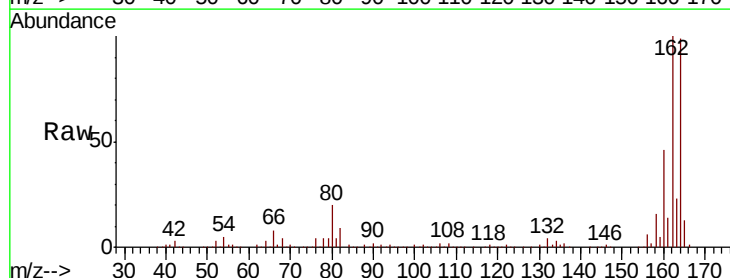
Instrument :
 BNA_F
 ClientSampleId :
 340

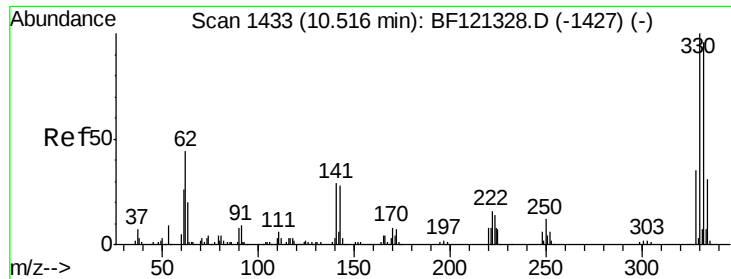
Tot Ion: 82 Resp: 26552
 Ion Ratio Lower Upper
 82 100
 128 43.7 37.9 56.9
 54 51.8 39.0 58.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF121387.D
 Acq: 22 Aug 2020 1:26

Tgt Ion: 164 Resp: 254658
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.7 122.5
 160 46.4 37.0 55.4

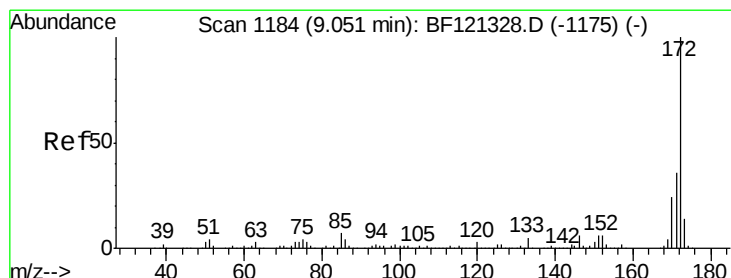
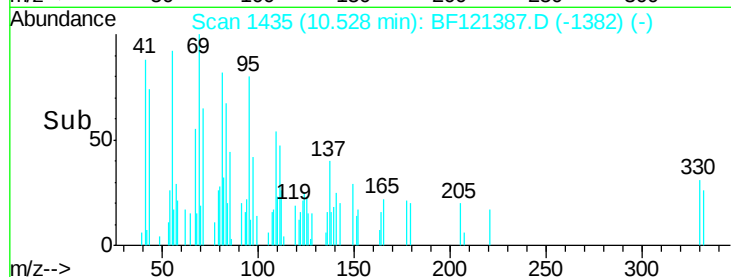
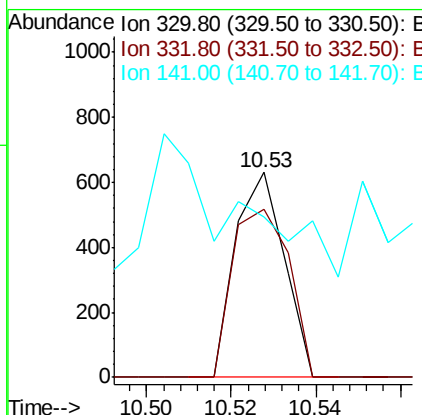
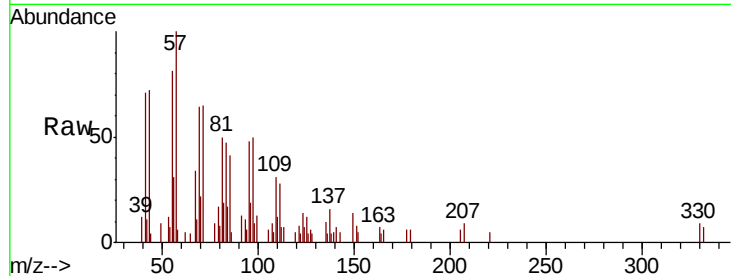




#42
 2,4,6-Tribromophenol
 Concen: 0.170 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF121387.D
 Acq: 22 Aug 2020 1:26

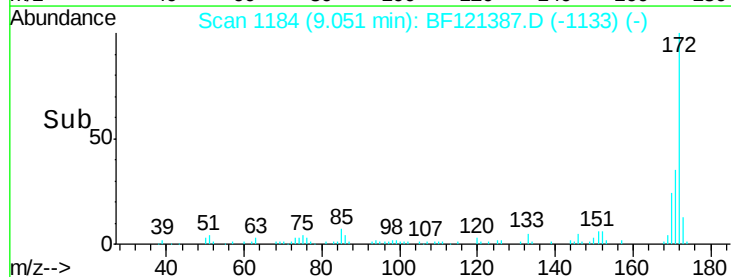
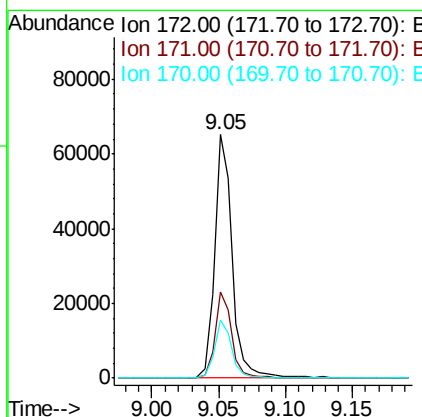
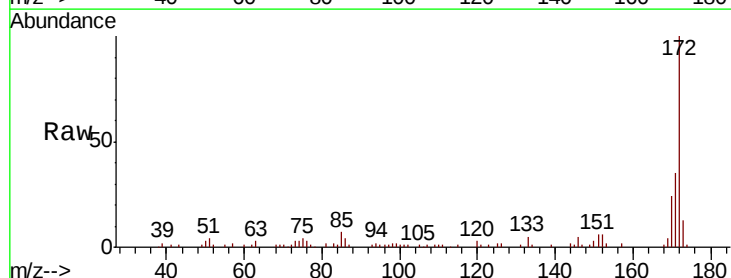
Instrument :
 BNA_F
 ClientSampled :
 340

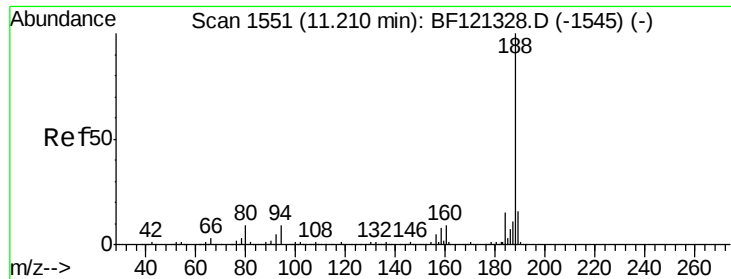
Tot Ion:330 Resp: 505
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.9 115.3
 141 0.0 22.8 34.2#



#45
 2-Fluorobiphenyl
 Concen: -9.877 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121387.D
 Acq: 22 Aug 2020 1:26

Tgt Ion:172 Resp: 60397
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.0 43.6
 170 24.0 19.4 29.2

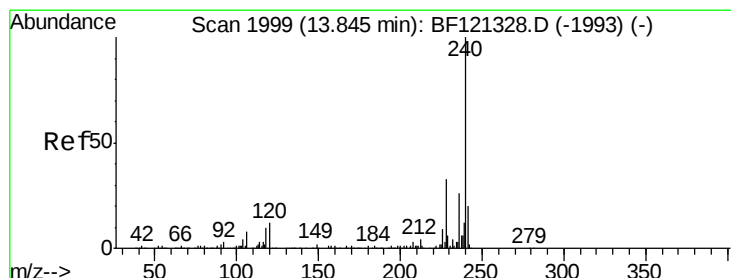
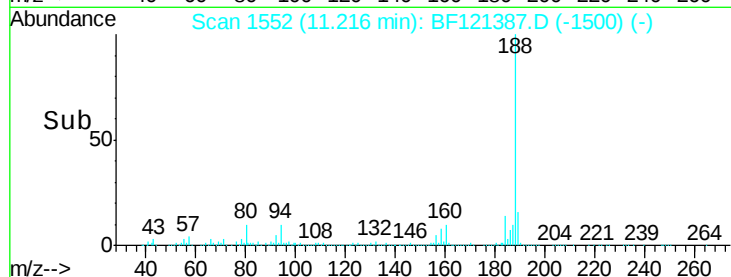
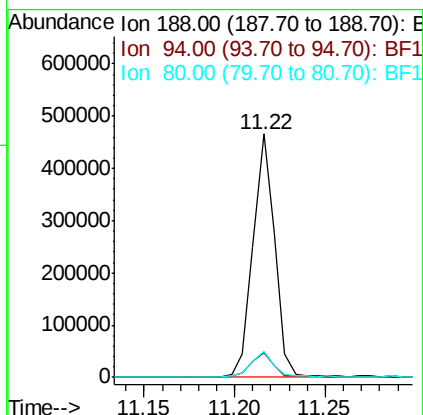
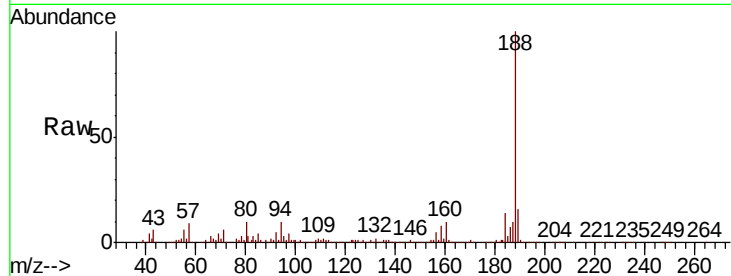




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF121387.D
Acq: 22 Aug 2020 1:26

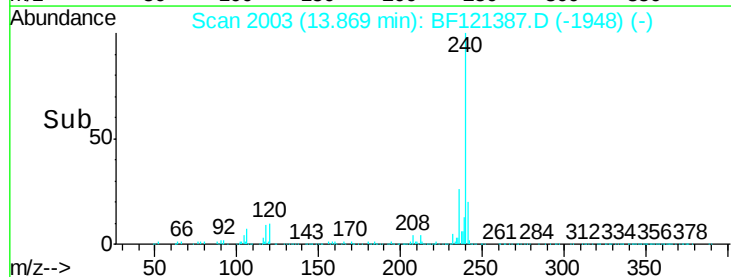
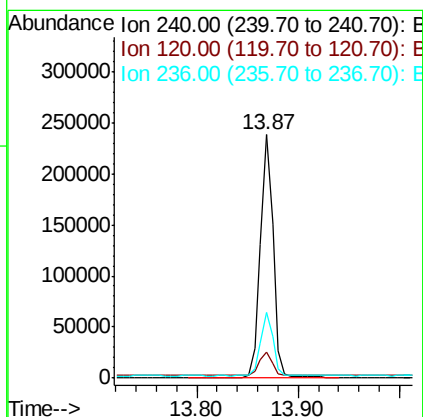
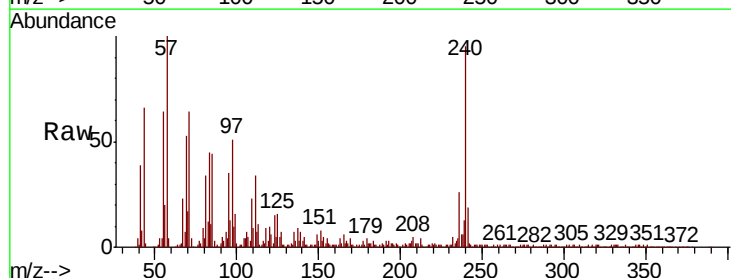
Instrument :
BNA_F
ClientSampleId :
340

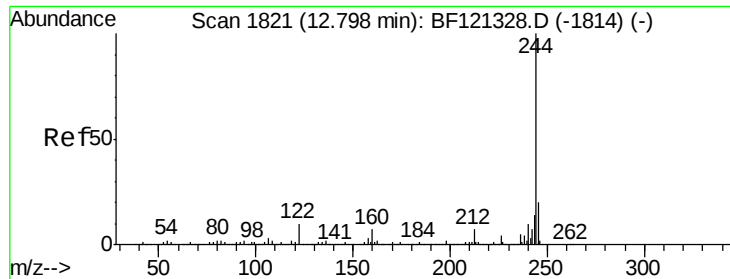
Tot Ion:188 Resp: 390033
Ion Ratio Lower Upper
188 100
94 10.1 7.2 10.8
80 10.5 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.02 min
Lab File: BF121387.D
Acq: 22 Aug 2020 1:26

Tgt Ion:240 Resp: 206549
Ion Ratio Lower Upper
240 100
120 10.6 9.6 14.4
236 27.1 20.6 31.0





#79

Terphenyl-d14

Concen: 3.198 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF121387.D

Acq: 22 Aug 2020 1:26

Instrument :

BNA_F

ClientSampleId :

340

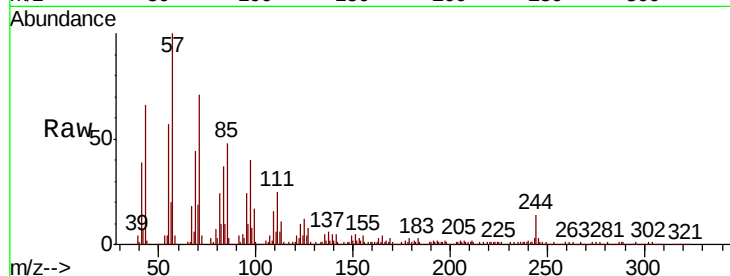
Tot Ion:244 Resp: 33803

Ion Ratio Lower Upper

244 100

212 9.0 5.4 8.0#

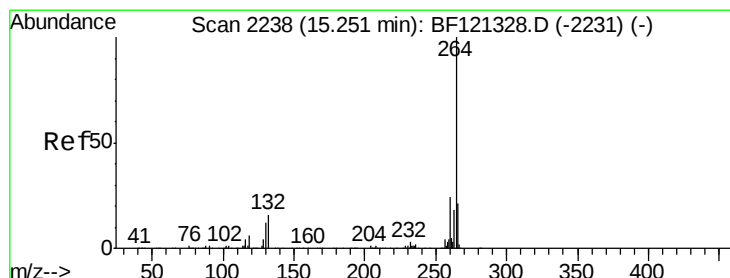
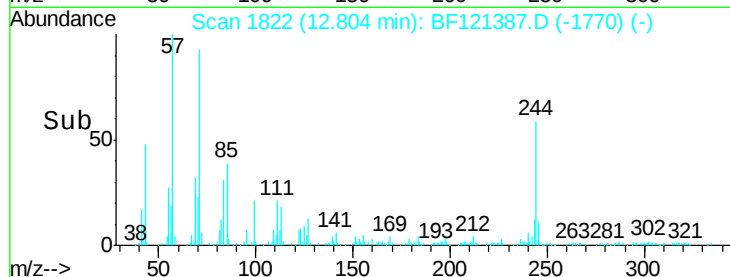
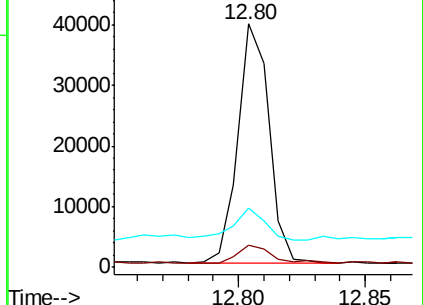
122 24.1 7.8 11.8#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.05 min

Lab File: BF121387.D

Acq: 22 Aug 2020 1:26

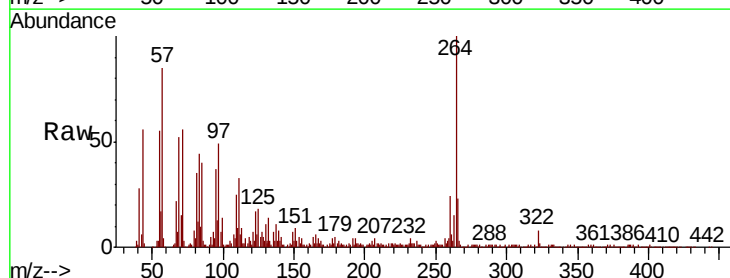
Tgt Ion:264 Resp: 254015

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 22.8 17.1 25.7



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

