

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121049.D
 Acq On : 27 Jul 2020 23:52
 Operator : JU/CG
 Sample : L3414-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 61820

Quant Time: Jul 28 01:19:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	181419	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	707103	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	383635	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	773576	20.00	ng	0.00
76) Chrysene-d12	13.97	240	576983	20.00	ng	0.00
86) Perylene-d12	15.42	264	467350	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1178851	106.52	ng	0.02
7) Phenol-d6	6.45	99	1293106	90.46	ng	0.00
23) Nitrobenzene-d5	7.37	82	1066691	87.29	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	569249	135.56	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2003153	77.96	ng	0.00
79) Terphenyl-d14	12.93	244	2068929	77.95	ng	0.00

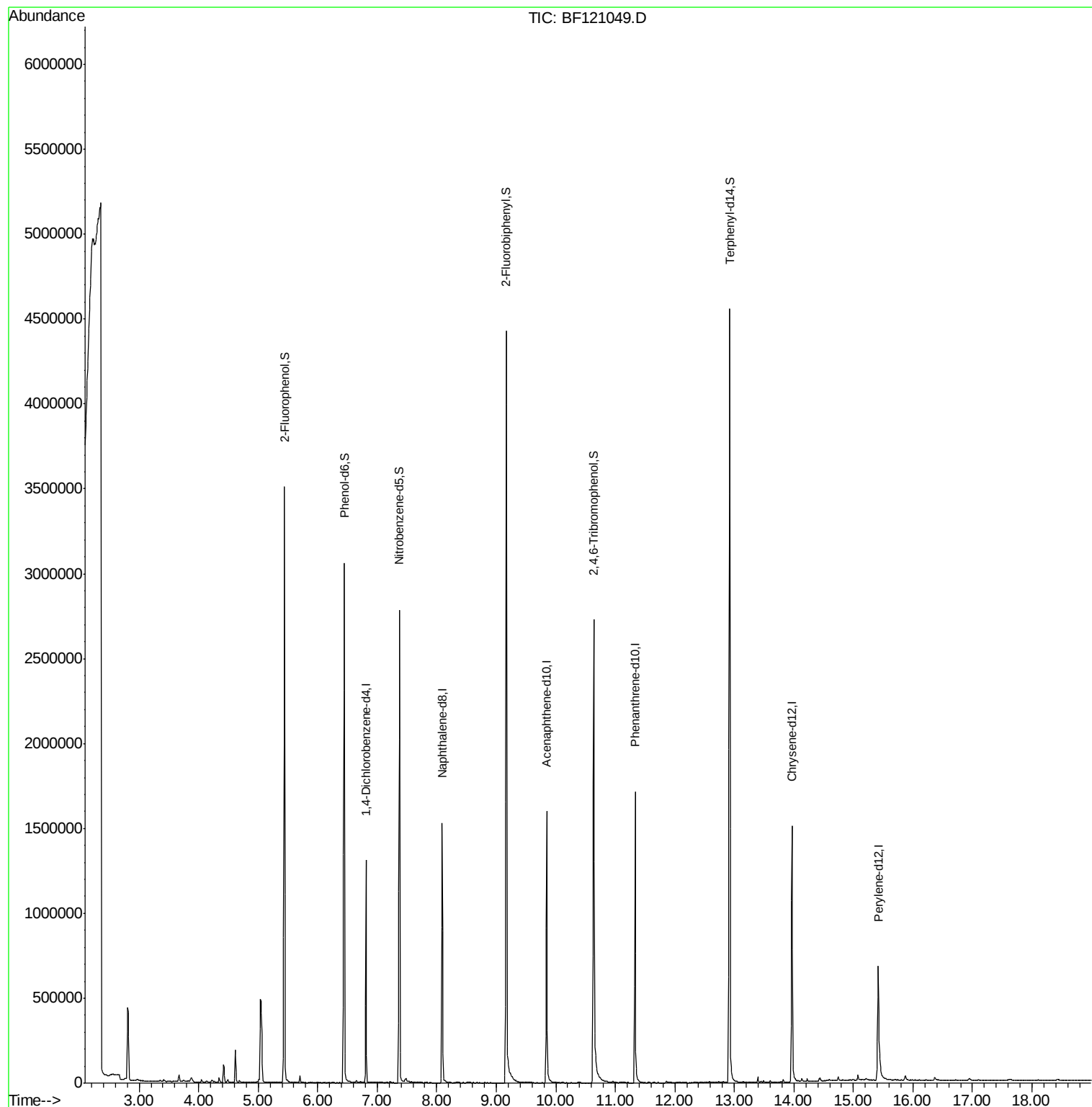
Target Compounds Qvalue

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

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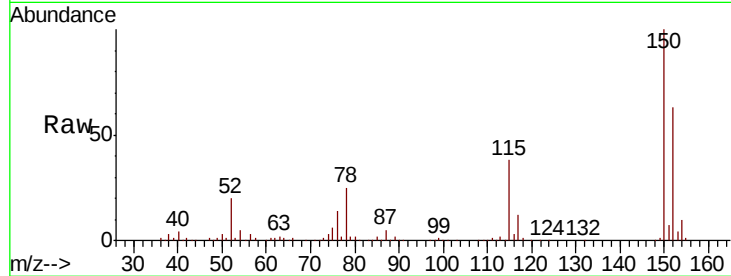


#1

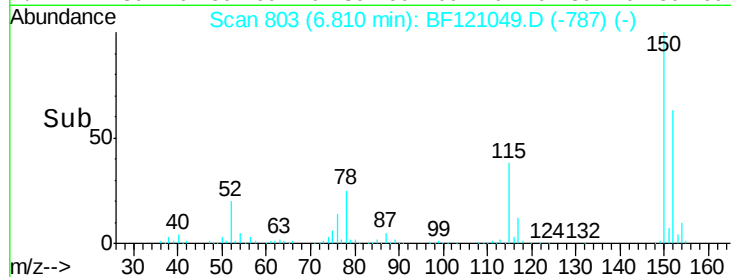
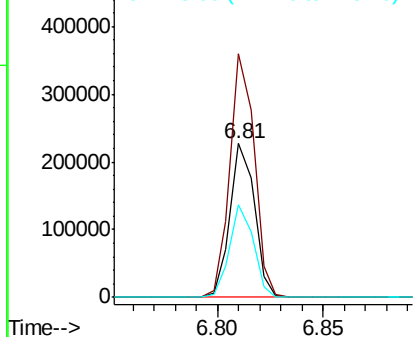
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121049.D
Acq: 27 Jul 2020 23:52

Instrument :
BNA_F
ClientSampleId :
61820

Tot Ion:152 Resp: 181419
Ion Ratio Lower Upper
152 100
150 158.7 125.0 187.6
115 60.5 47.0 70.4



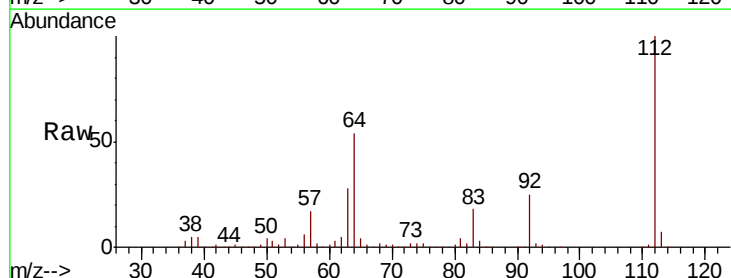
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



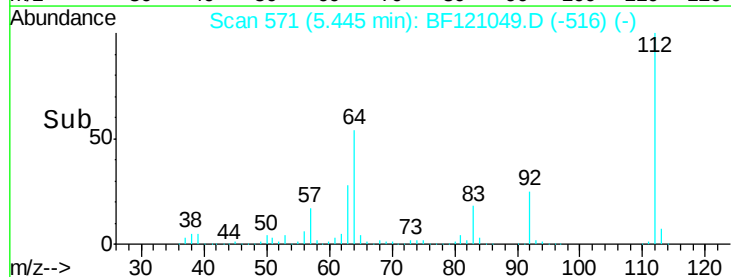
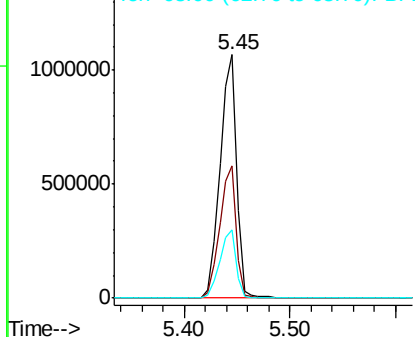
#5

2-Fluorophenol
Concen: 106.525 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.02 min
Lab File: BF121049.D
Acq: 27 Jul 2020 23:52

Tgt Ion:112 Resp: 1178851
Ion Ratio Lower Upper
112 100
64 54.3 41.3 61.9
63 28.0 21.1 31.7



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: 90.458 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121049.D

Acq: 27 Jul 2020 23:52

Instrument :

BNA_F

ClientSampleId :

61820

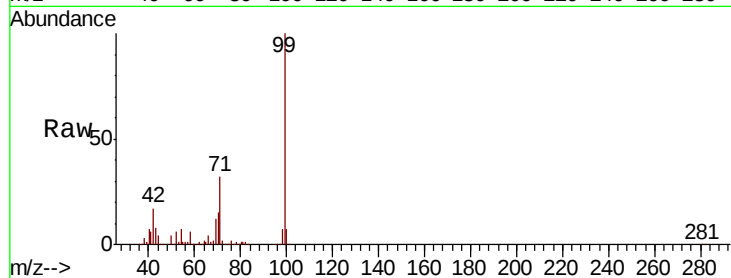
Tot Ion: 99 Resp: 1293106

Ion Ratio Lower Upper

99 100

42 16.9 13.1 19.7

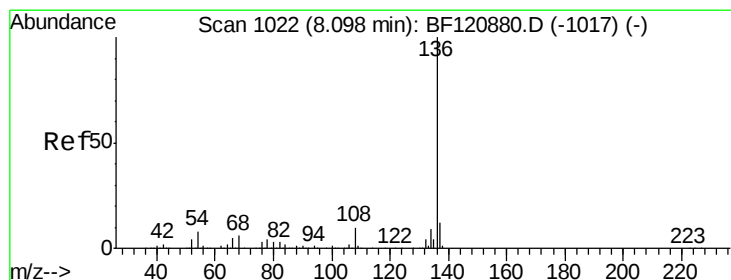
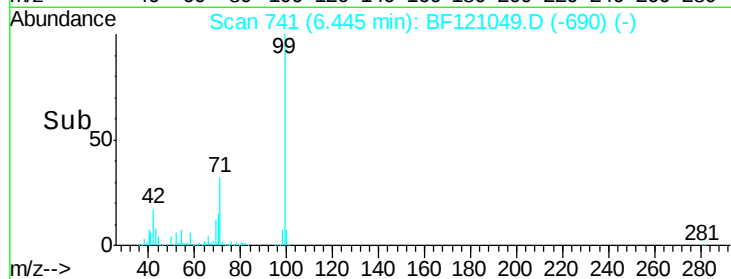
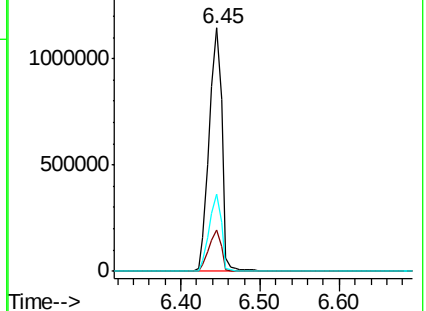
71 31.9 24.2 36.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121049.D

Acq: 27 Jul 2020 23:52

Tgt Ion: 136 Resp: 707103

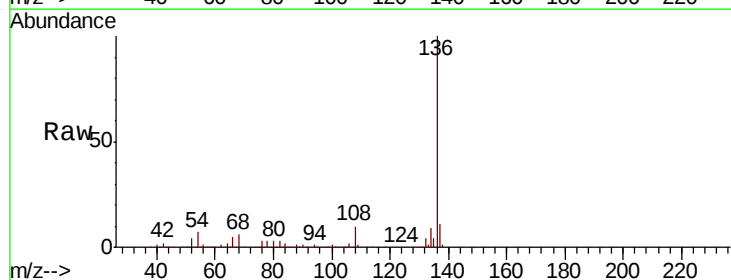
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.3 6.3 9.5

68 5.9 5.0 7.4

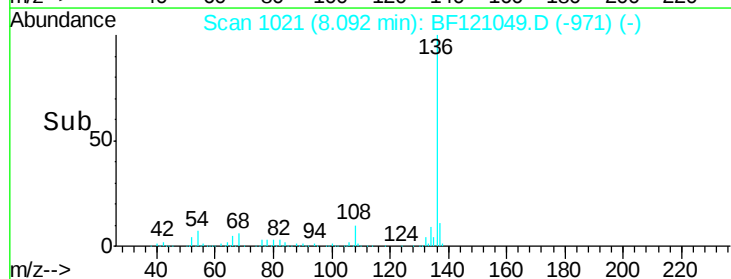
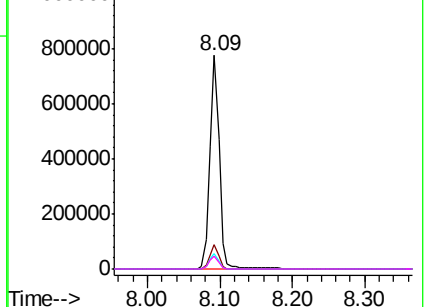


Abundance Ion 136.00 (135.70 to 136.70): E

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

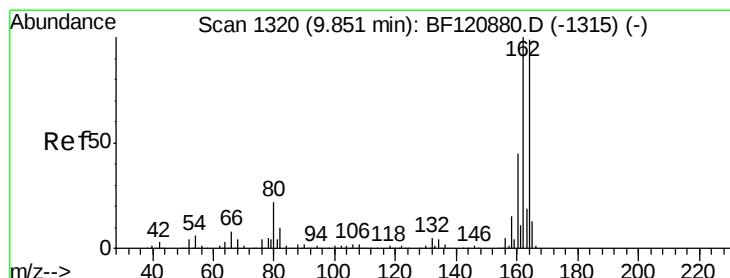
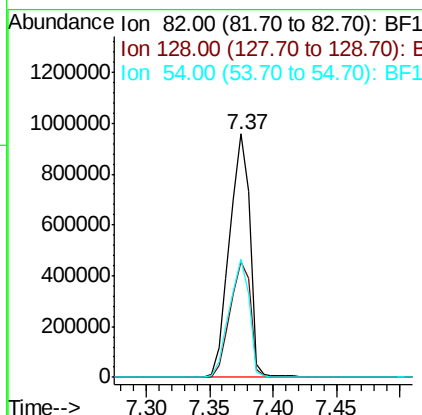
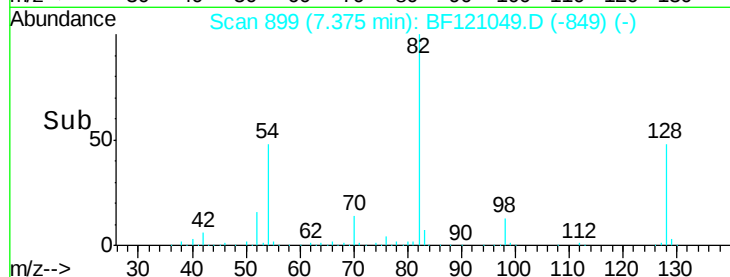
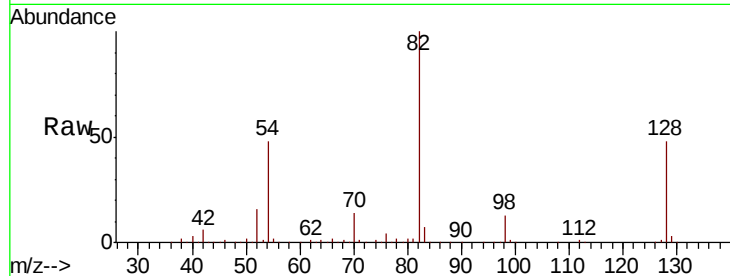




#23
Nitrobenzene-d5
Concen: 87.289 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121049.D
Acq: 27 Jul 2020 23:52

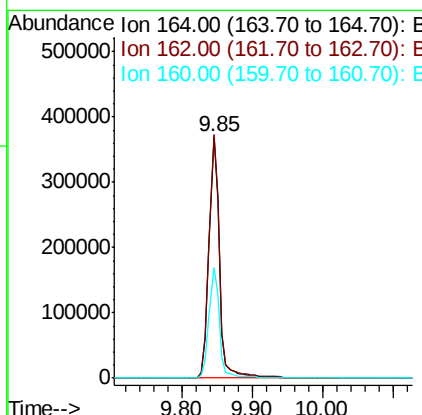
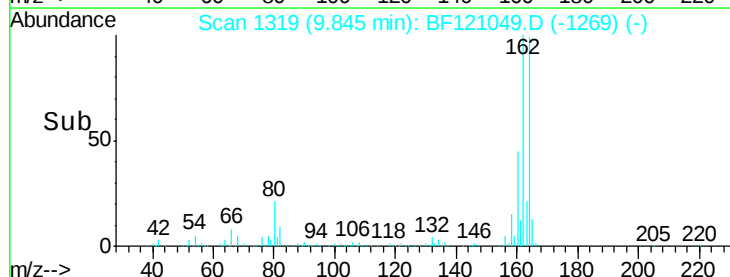
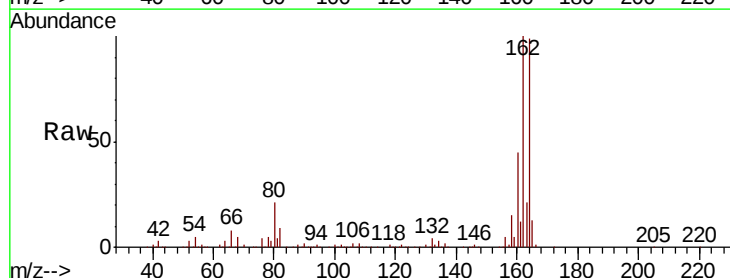
Instrument :
BNA_F
ClientSampleId :
61820

Tot Ion: 82 Resp: 1066691
Ion Ratio Lower Upper
82 100
128 47.7 38.2 57.4
54 48.3 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121049.D
Acq: 27 Jul 2020 23:52

Tgt Ion:164 Resp: 383635
Ion Ratio Lower Upper
164 100
162 101.0 81.2 121.8
160 45.6 36.9 55.3

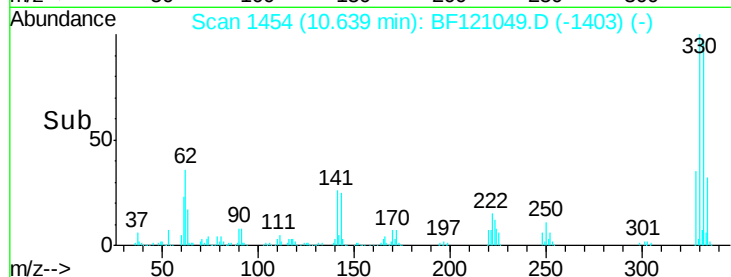
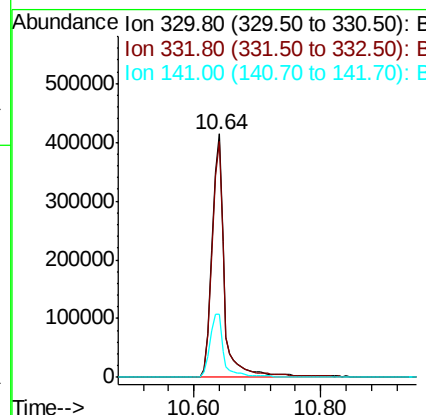
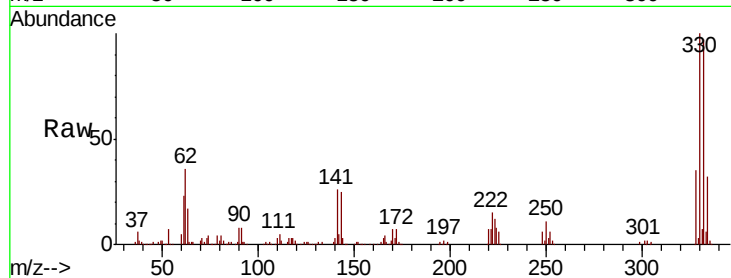




#42
 2,4,6-Tribromophenol
 Concen: 135.559 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121049.D
 Acq: 27 Jul 2020 23:52

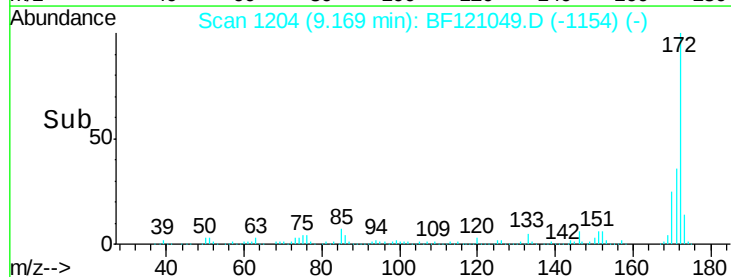
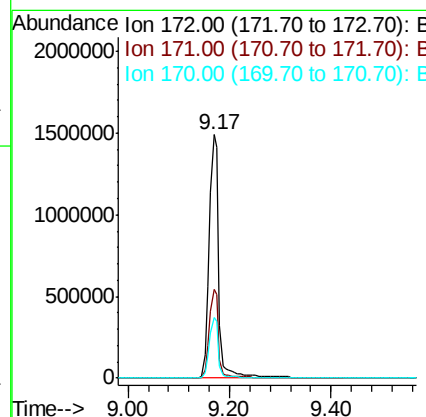
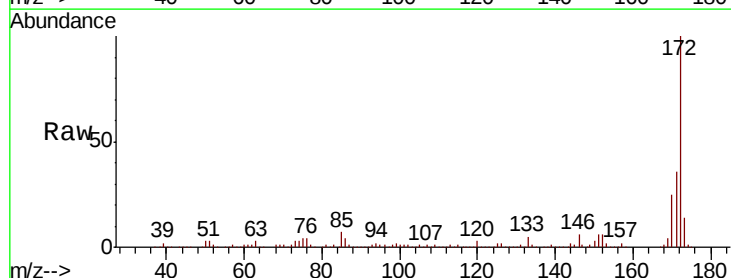
Instrument :
 BNA_F
 ClientSampled :
 61820

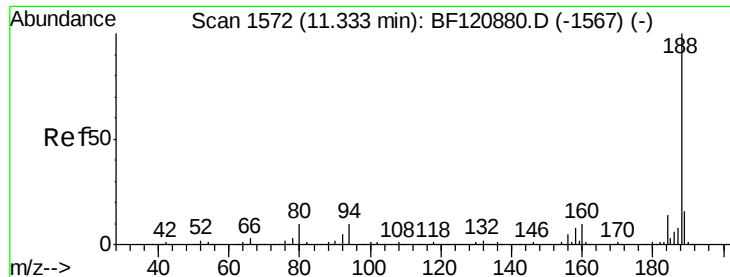
Tot Ion:330 Resp: 569249
 Ion Ratio Lower Upper
 330 100
 332 97.2 75.5 113.3
 141 29.5 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 77.959 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121049.D
 Acq: 27 Jul 2020 23:52

Tgt Ion:172 Resp: 2003153
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.4
 170 24.9 19.6 29.4

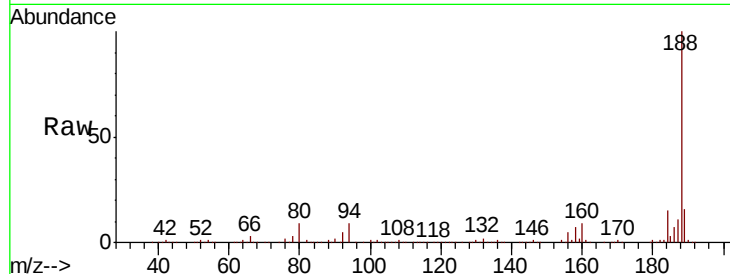




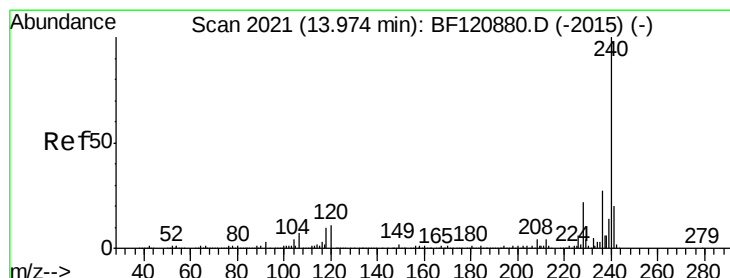
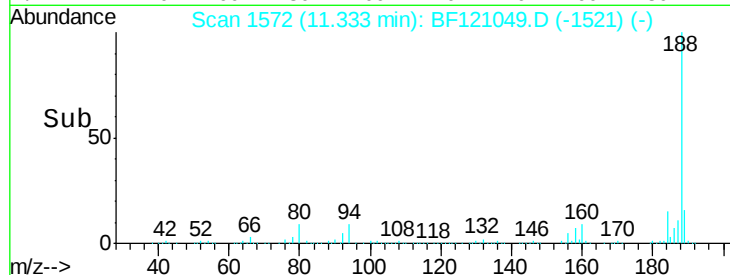
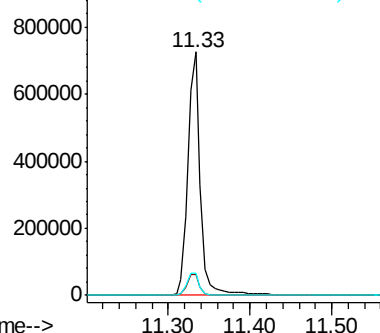
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121049.D
Acq: 27 Jul 2020 23:52

Instrument :
BNA_F
ClientSampleId :
61820

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.0	12.0
80	9.0	8.3	12.5

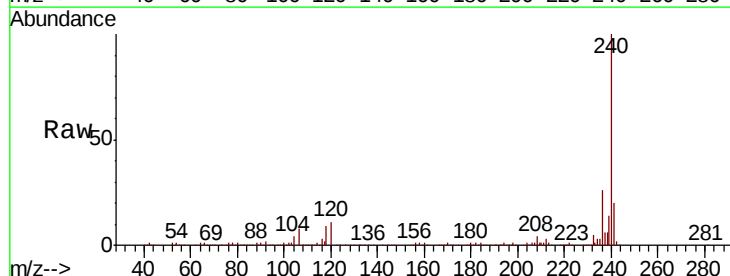


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

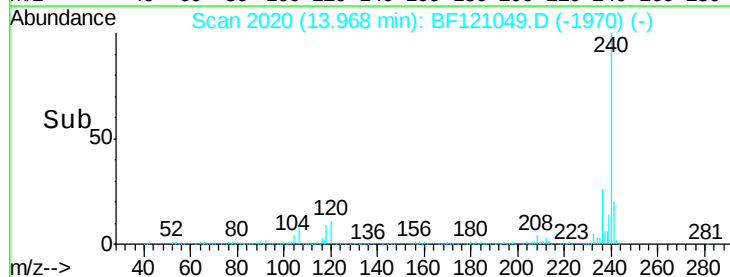
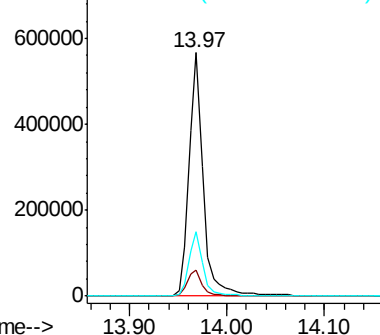


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121049.D
Acq: 27 Jul 2020 23:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.0	13.4
236	26.3	21.7	32.5



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: 77.947 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF121049.D

Acq: 27 Jul 2020 23:52

Instrument :

BNA_F

ClientSampleId :

61820

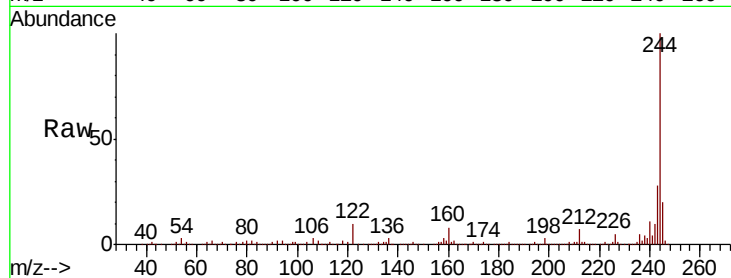
Tot Ion:244 Resp: 2068929

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

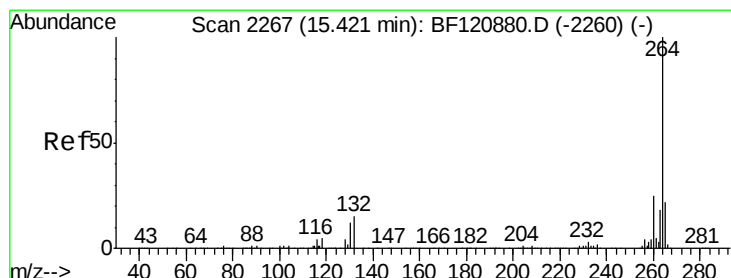
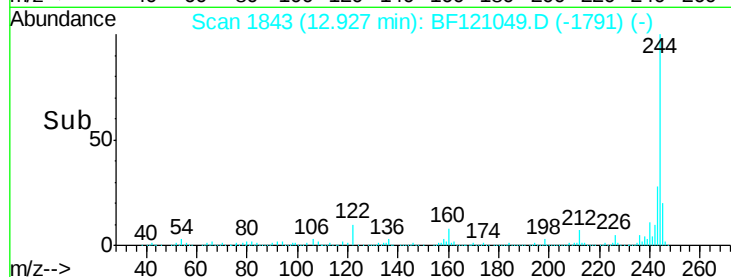
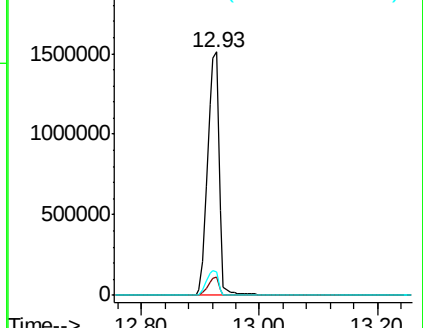
122 9.5 8.9 13.3



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: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF121049.D

Acq: 27 Jul 2020 23:52

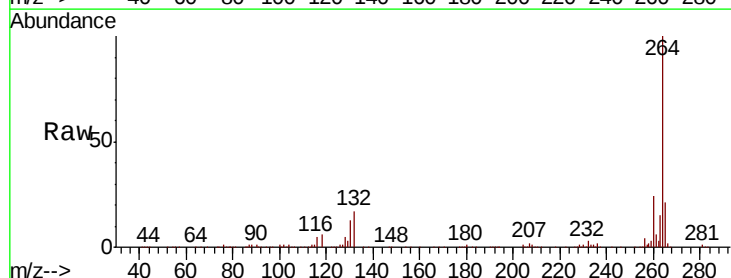
Tgt Ion:264 Resp: 467350

Ion Ratio Lower Upper

264 100

260 24.4 20.0 30.0

265 21.0 17.4 26.2



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

