

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121745.D
 Acq On : 30 Sep 2020 18:33
 Operator : JU/CG
 Sample : PB132004TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132004TB

Quant Time: Sep 30 19:08:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 11:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	268569	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	1053773	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	571755	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	1119555	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	975074	20.00	ng	0.00
86) Perylene-d12	15.38	264	826152	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1067634	59.08	ng	0.00
7) Phenol-d6	6.42	99	1363597	57.51	ng	-0.01
23) Nitrobenzene-d5	7.34	82	948807	48.34	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	468667	65.95	ng	-0.01
45) 2-Fluorobiphenyl	9.14	172	1698818	45.00	ng	-0.01
79) Terphenyl-d14	12.89	244	2065245	42.91	ng	0.00

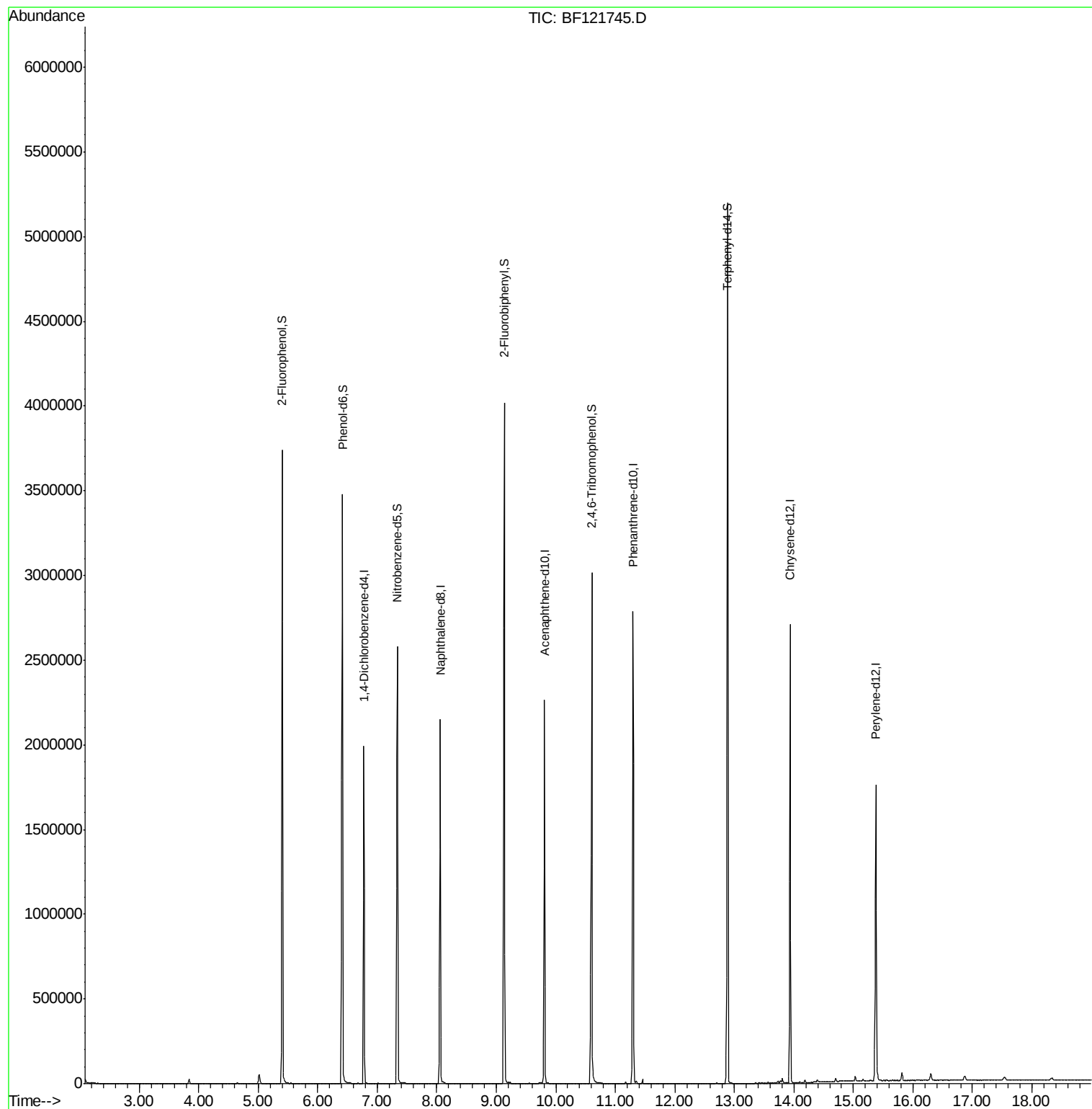
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF121745.D

Acq: 30 Sep 2020 18:33

Instrument :

BNA_F

ClientSampleId :

PB132004TB

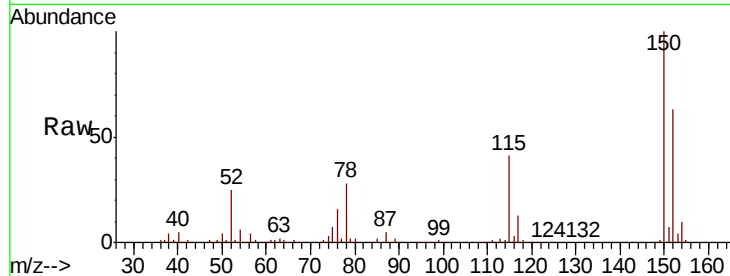
Tot Ion:152 Resp: 268569

Ion Ratio Lower Upper

152 100

150 157.7 125.8 188.8

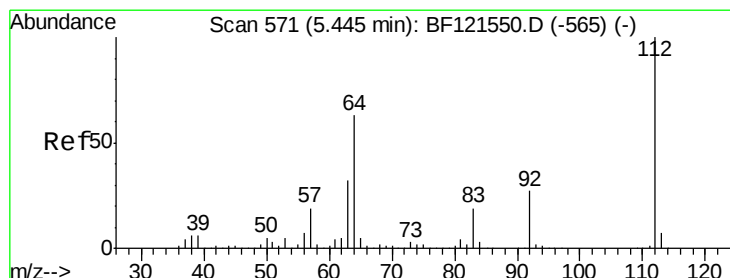
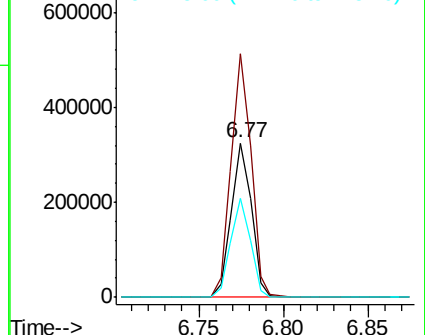
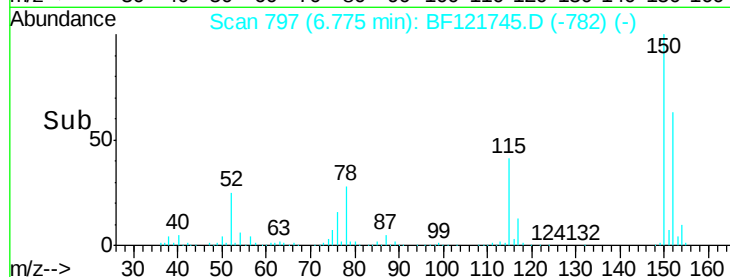
115 64.3 49.6 74.4



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: 59.077 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF121745.D

Acq: 30 Sep 2020 18:33

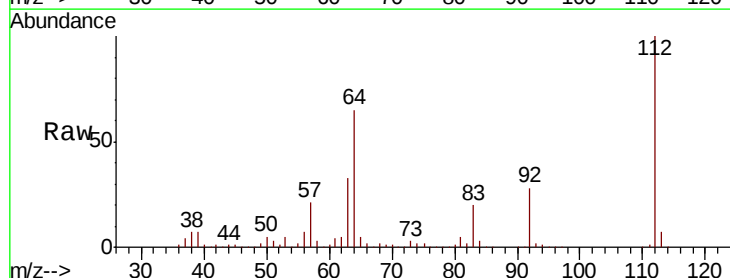
Tgt Ion:112 Resp: 1067634

Ion Ratio Lower Upper

112 100

64 65.2 51.2 76.8

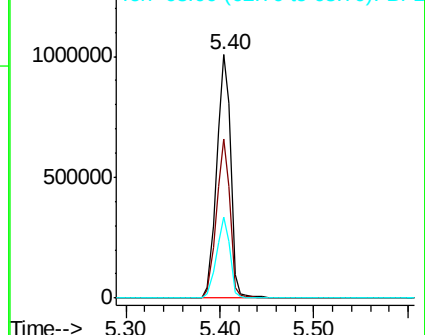
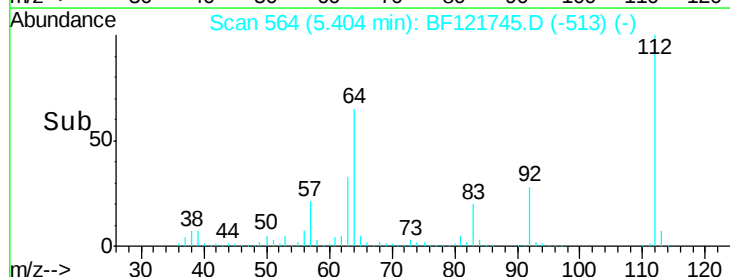
63 33.4 25.9 38.9



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: 57.514 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF121745.D

Acq: 30 Sep 2020 18:33

Instrument :

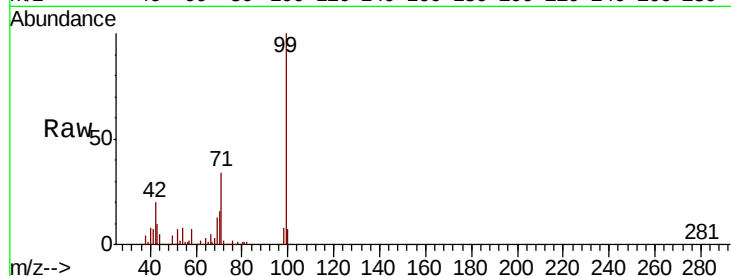
BNA_F

ClientSampleId :

PB132004TB

Tot Ion: 99 Resp: 1363597

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.5	24.7
71	34.5	27.8	41.6

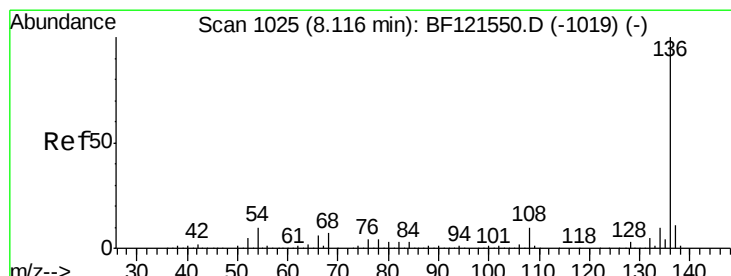
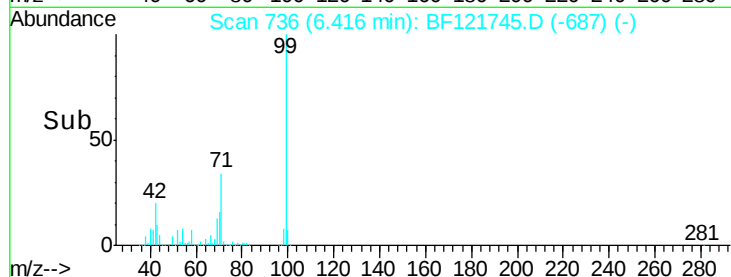
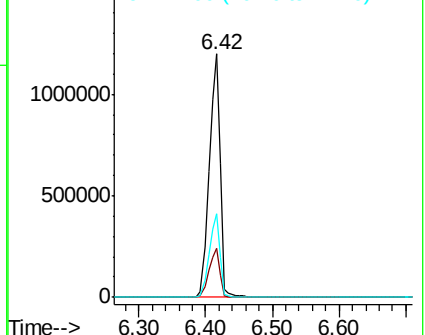


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

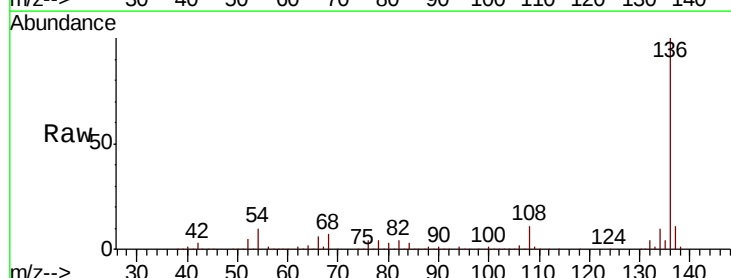
Delta R.T. -0.01 min

Lab File: BF121745.D

Acq: 30 Sep 2020 18:33

Tgt Ion: 136 Resp: 1053773

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.8	7.8	11.8
68	7.1	5.6	8.4



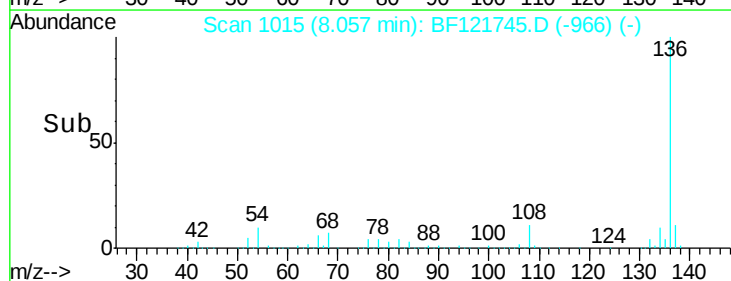
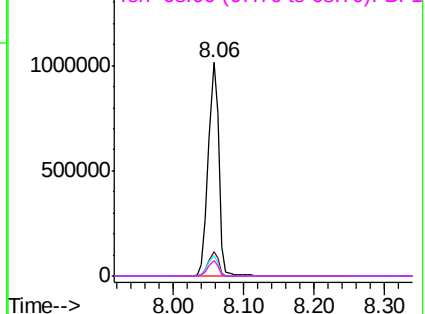
Abundance

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

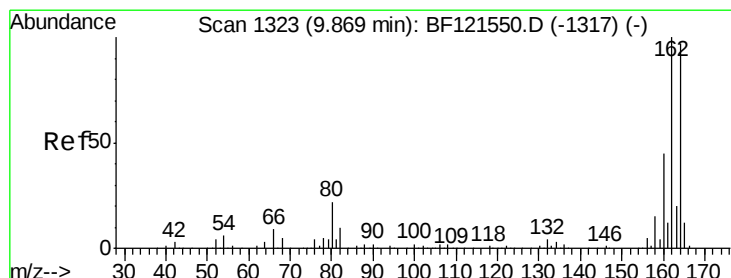
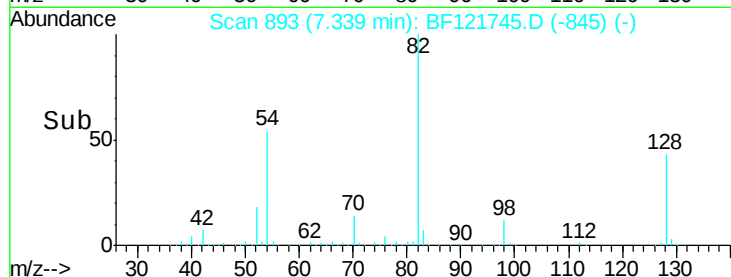
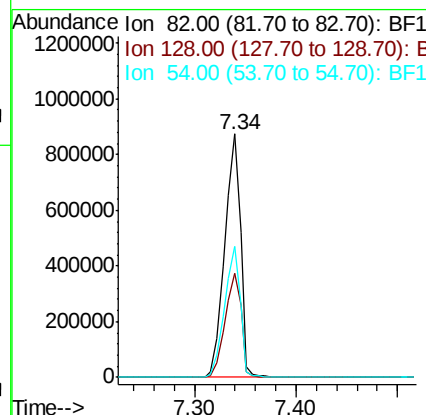
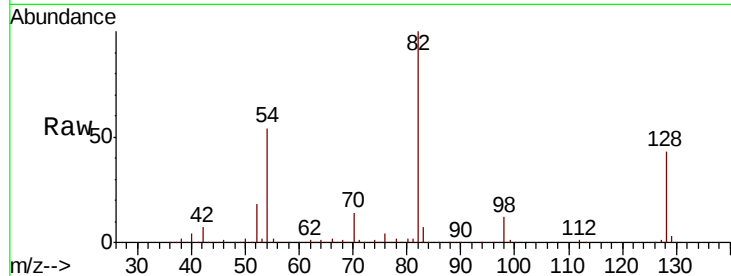




#23
 Nitrobenzene-d5
 Concen: 48.344 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.02 min
 Lab File: BF121745.D
 Acq: 30 Sep 2020 18:33

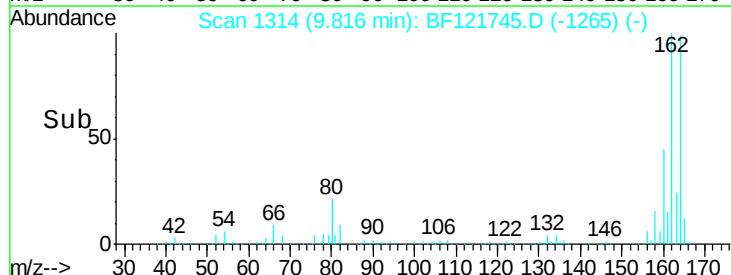
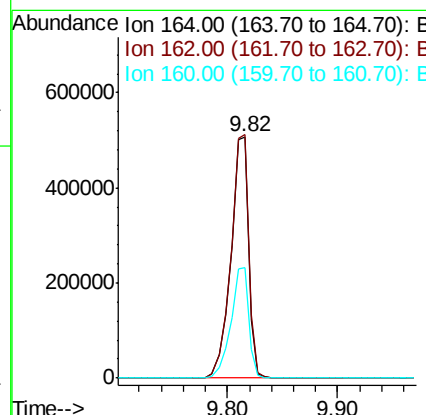
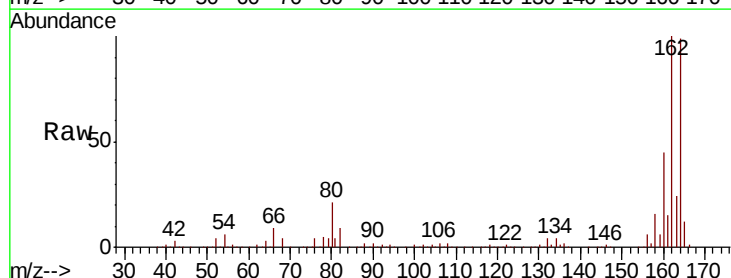
Instrument :
 BNA_F
 ClientSampleId :
 PB132004TB

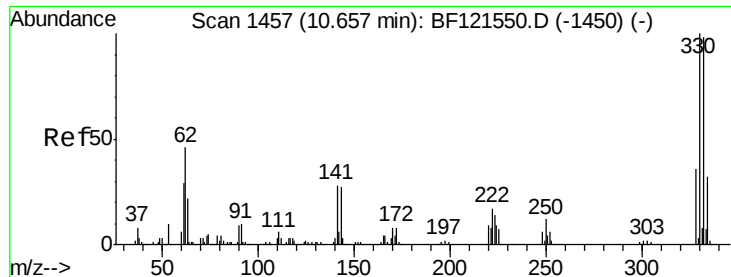
Tot Ion	82	Resp	948807
Ion Ratio	100	Lower	Upper
128	42.6	35.0	52.4
54	53.9	42.5	63.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF121745.D
 Acq: 30 Sep 2020 18:33

Tgt Ion	164	Resp	571755
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.0	80.6	121.0
160	45.6	36.9	55.3





#42

2,4,6-Tribromophenol

Concen: 65.952 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF121745.D

Acq: 30 Sep 2020 18:33

Instrument :

BNA_F

ClientSampleId :

PB132004TB

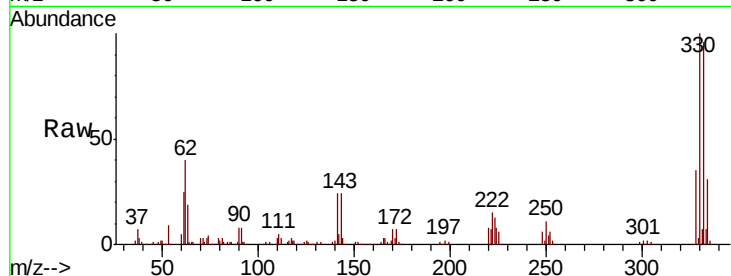
Tot Ion:330 Resp: 468667

Ion Ratio Lower Upper

330 100

332 96.0 77.6 116.4

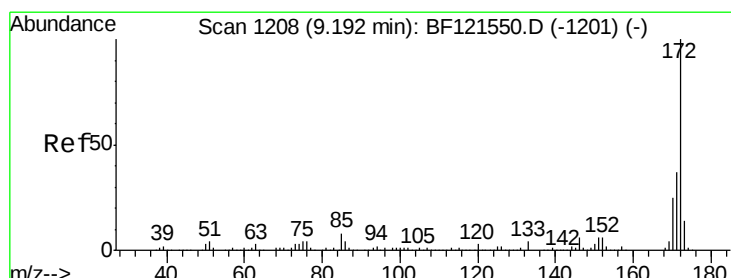
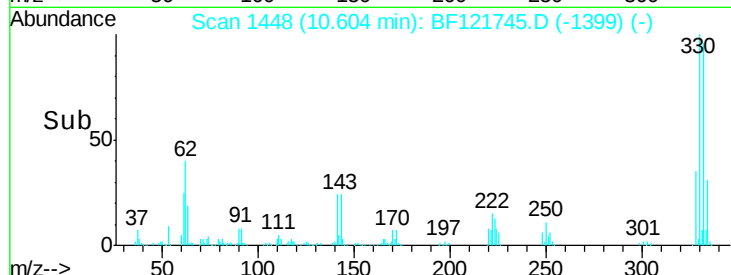
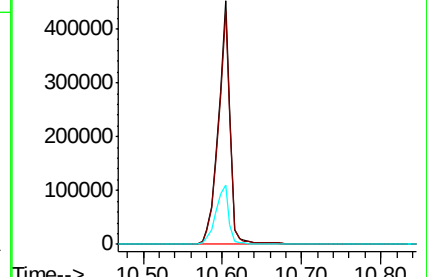
141 27.2 22.9 34.3



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: 45.000 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF121745.D

Acq: 30 Sep 2020 18:33

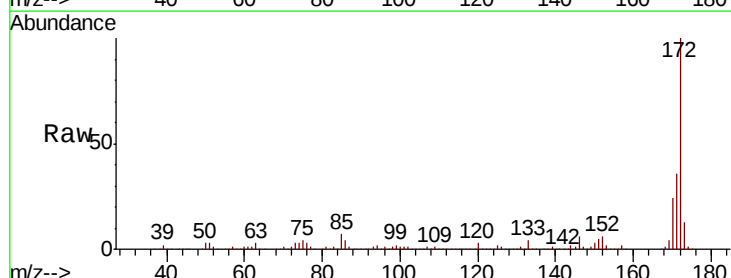
Tgt Ion:172 Resp: 1698818

Ion Ratio Lower Upper

172 100

171 35.8 29.2 43.8

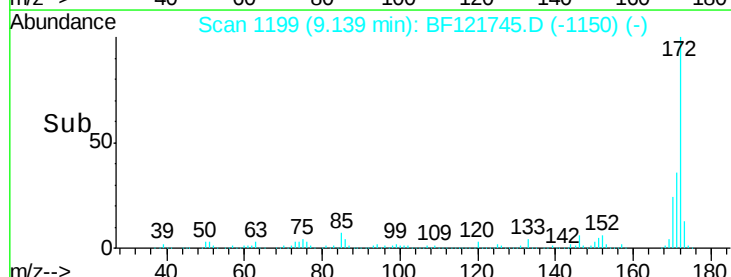
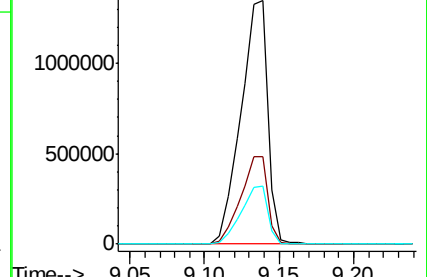
170 23.9 19.7 29.5

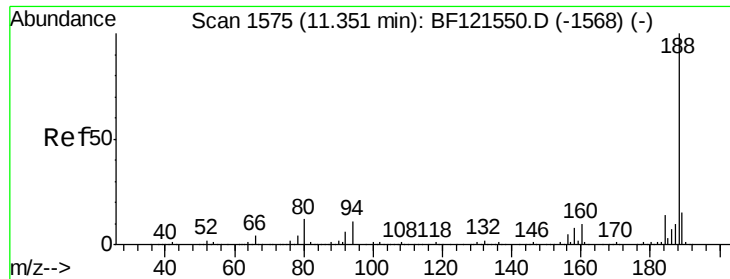


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

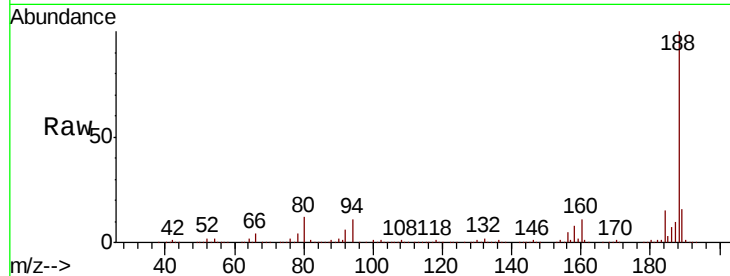




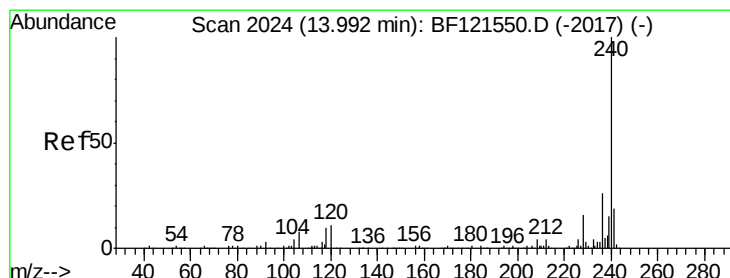
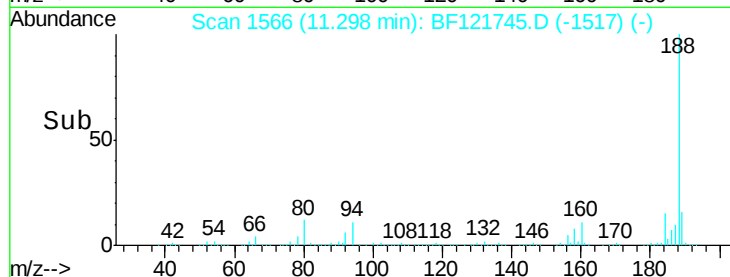
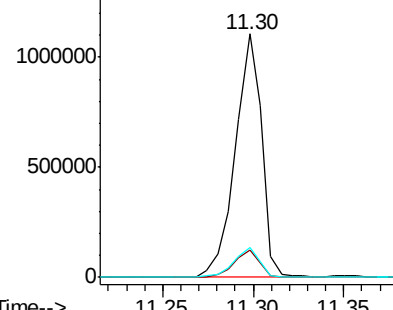
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF121745.D
Acq: 30 Sep 2020 18:33

Instrument :
BNA_F
ClientSampled :
PB132004TB

Tot Ion:188 Resp: 1119555
Ion Ratio Lower Upper
188 100
94 11.1 8.2 12.2
80 12.1 8.9 13.3

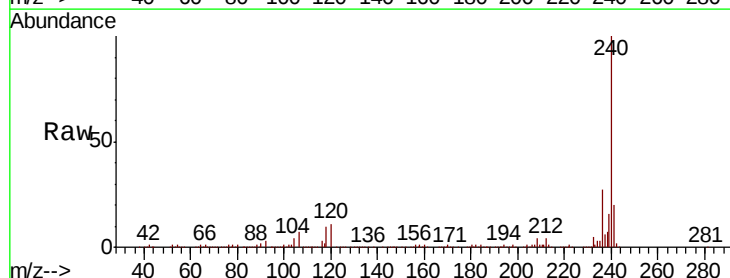


Abundance Ion 188.00 (187.70 to 188.70): E
1500000 Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

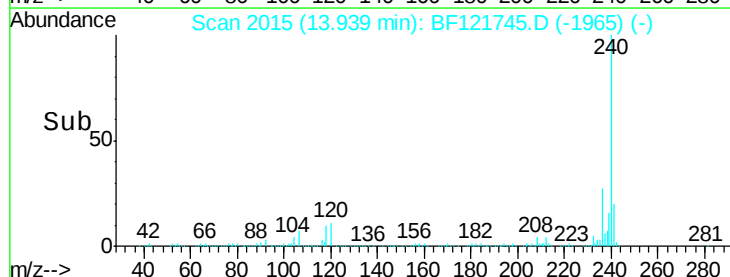
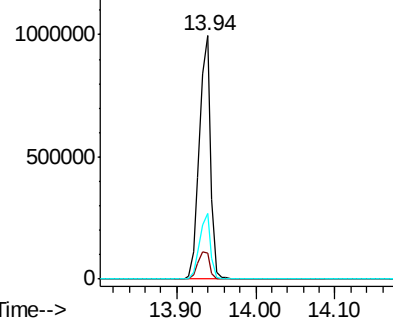


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF121745.D
Acq: 30 Sep 2020 18:33

Tgt Ion:240 Resp: 975074
Ion Ratio Lower Upper
240 100
120 10.7 10.2 15.4
236 26.8 20.4 30.6



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: 42.909 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF121745.D

Acq: 30 Sep 2020 18:33

Instrument :

BNA_F

ClientSampleId :

PB132004TB

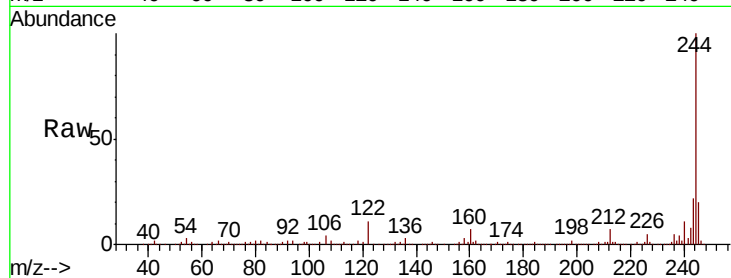
Tot Ion:244 Resp: 2065245

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

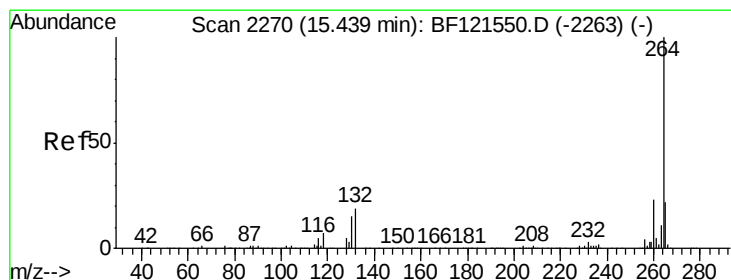
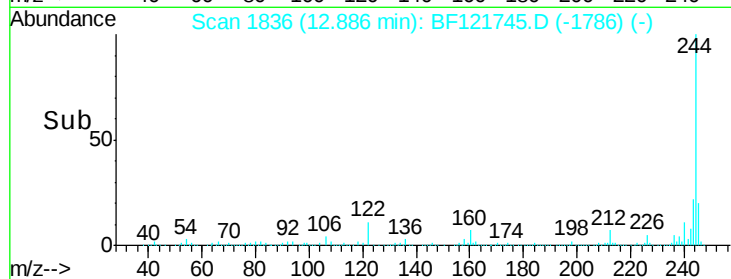
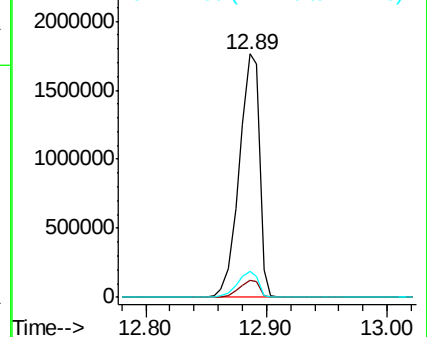
122 10.7 9.0 13.4



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: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF121745.D

Acq: 30 Sep 2020 18:33

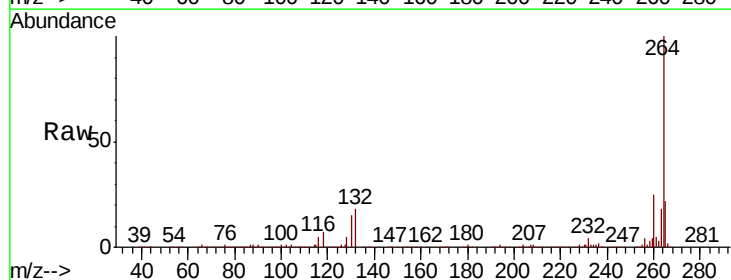
Tgt Ion:264 Resp: 826152

Ion Ratio Lower Upper

264 100

260 24.7 19.0 28.6

265 22.4 17.3 25.9



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

