

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
 Data File : BF121100.D
 Acq On : 29 Jul 2020 14:07
 Operator : JU/CG
 Sample : PB130537BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130537BL

Quant Time: Jul 29 15:17:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	154962	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	596661	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	302769	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	585299	20.00	ng	0.00
76) Chrysene-d12	13.95	240	482622	20.00	ng	-0.01
86) Perylene-d12	15.40	264	456841	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1407092	148.86	ng	0.01
7) Phenol-d6	6.45	99	1701955	139.39	ng	0.00
23) Nitrobenzene-d5	7.37	82	1105662	107.23	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	498279	150.35	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1817187	89.61	ng	0.00
79) Terphenyl-d14	12.91	244	1873281	84.37	ng	0.00

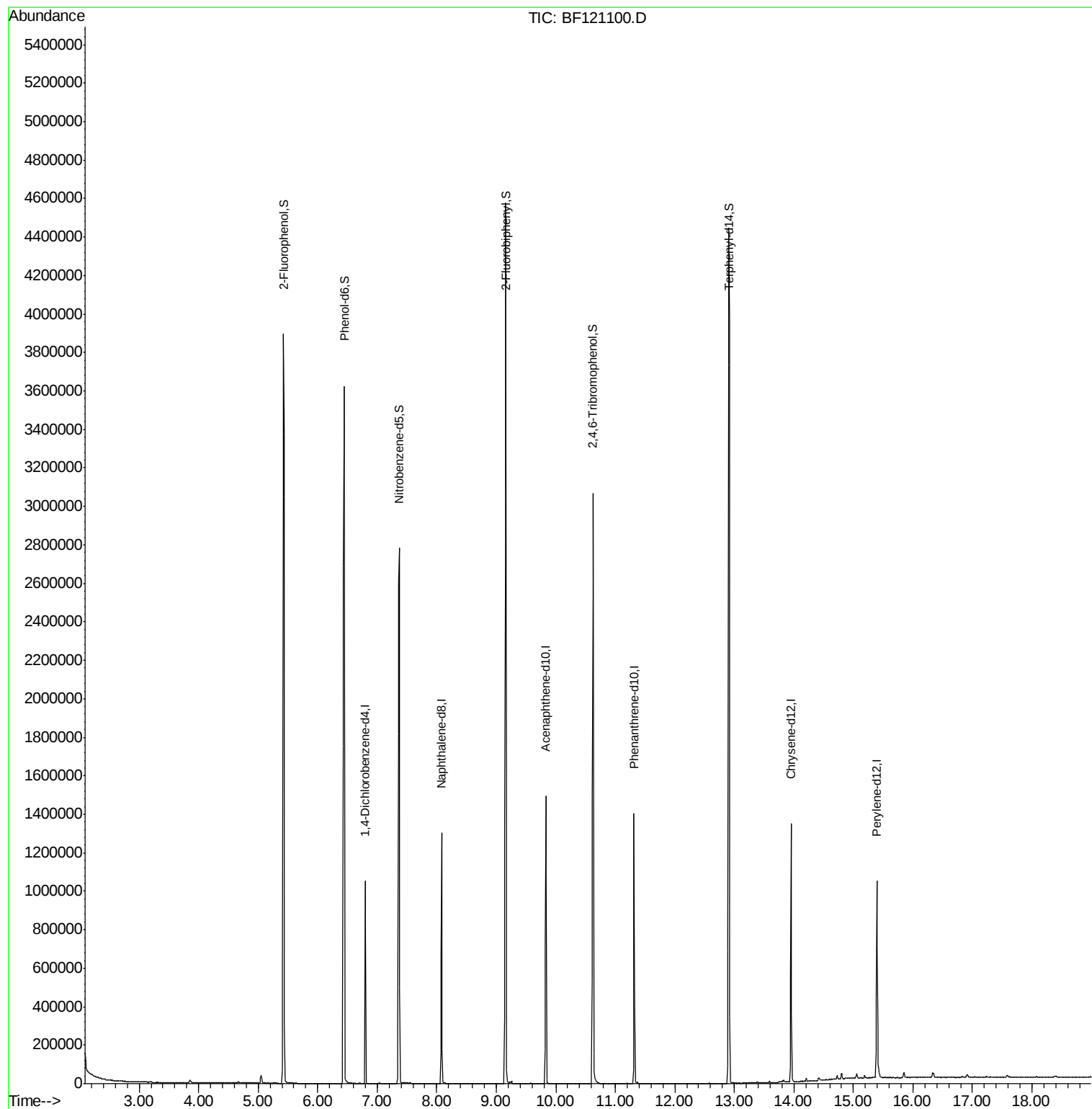
Target Compounds Qvalue

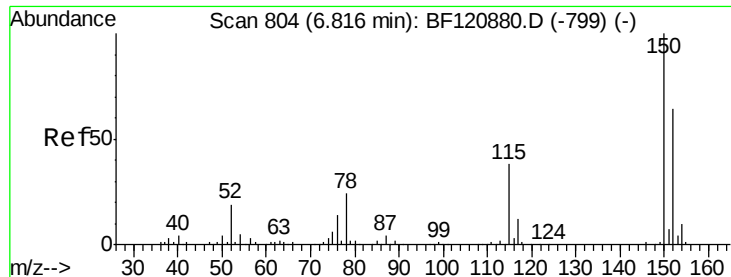
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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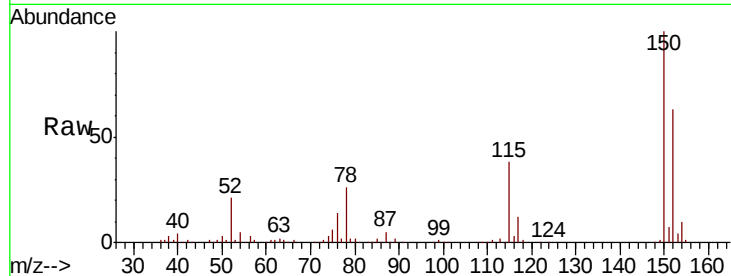


#1

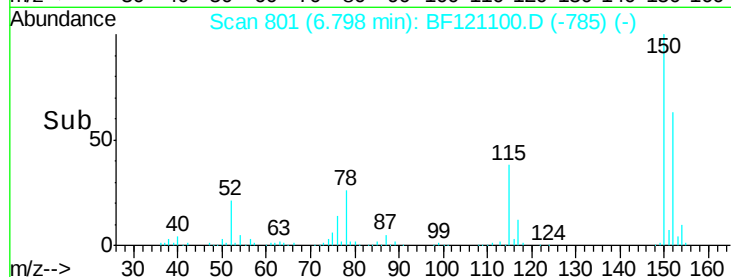
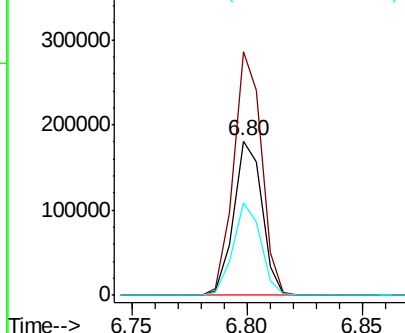
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121100.D
Acq: 29 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
PB130537BL

Tot Ion:152 Resp: 154962
Ion Ratio Lower Upper
152 100
150 157.5 125.6 188.4
115 60.2 46.2 69.2



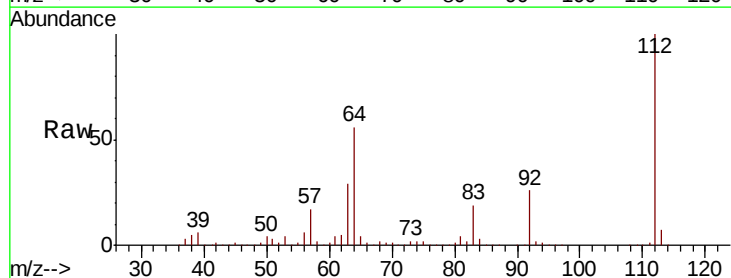
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



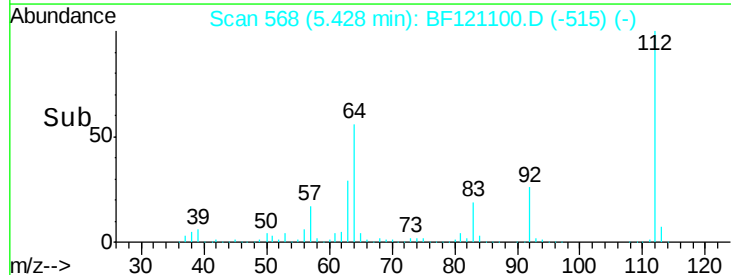
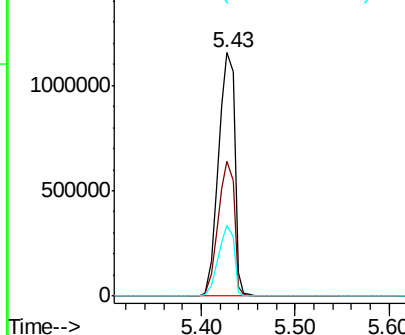
#5

2-Fluorophenol
Concen: 148.857 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF121100.D
Acq: 29 Jul 2020 14:07

Tgt Ion:112 Resp: 1407092
Ion Ratio Lower Upper
112 100
64 55.5 43.9 65.9
63 29.1 22.7 34.1



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: 139.386 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF121100.D

Acq: 29 Jul 2020 14:07

Instrument :

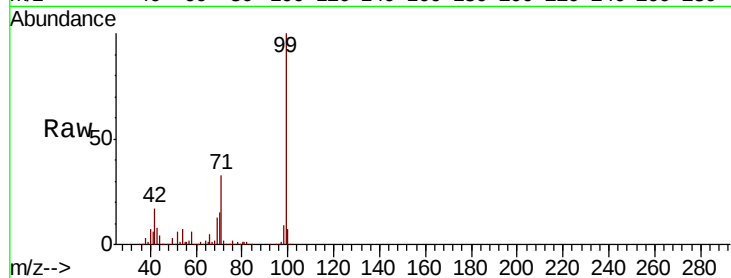
BNA_F

ClientSampleId :

PB130537BL

Tot Ion: 99 Resp: 1701955

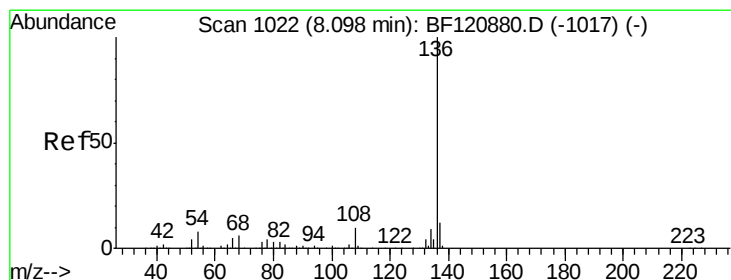
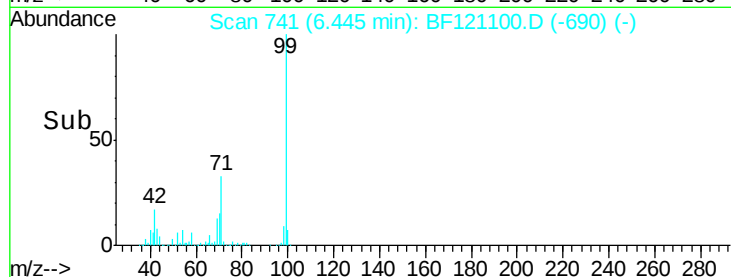
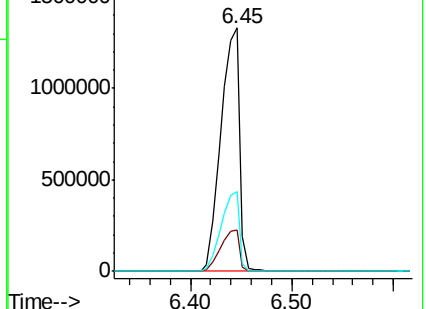
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.5	20.3
71	32.5	25.0	37.4



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: 8.08 min Scan# 1019

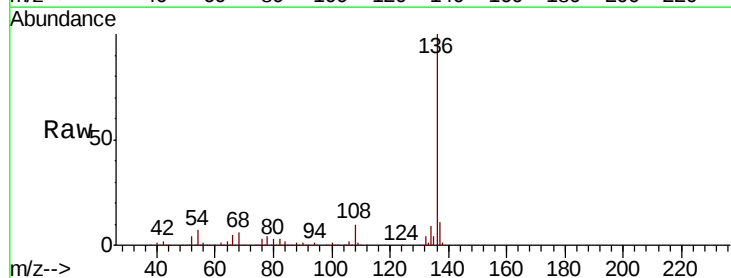
Delta R.T. -0.01 min

Lab File: BF121100.D

Acq: 29 Jul 2020 14:07

Tgt Ion: 136 Resp: 596661

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.5	6.1	9.1
68	5.9	5.0	7.6

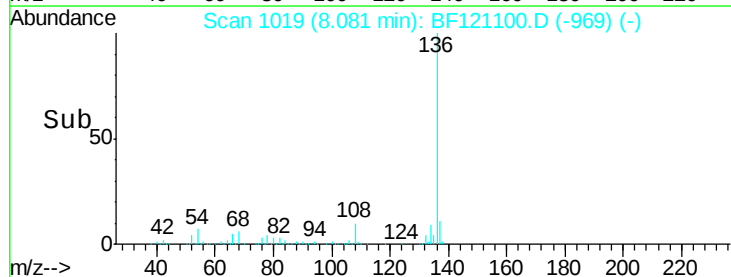
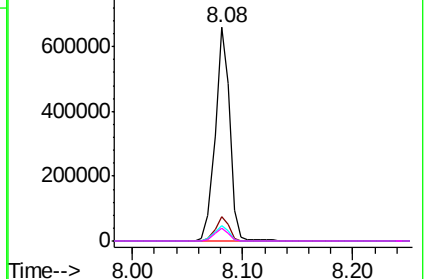


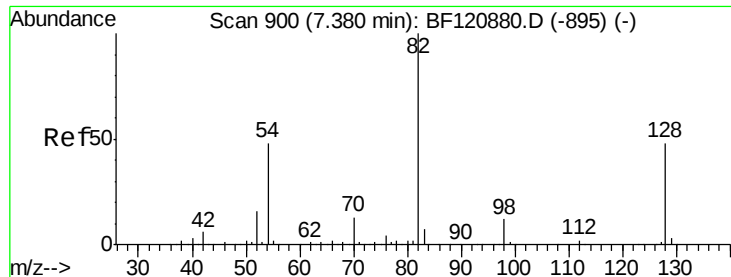
Abundance Ion 136.00 (135.70 to 136.70): E

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



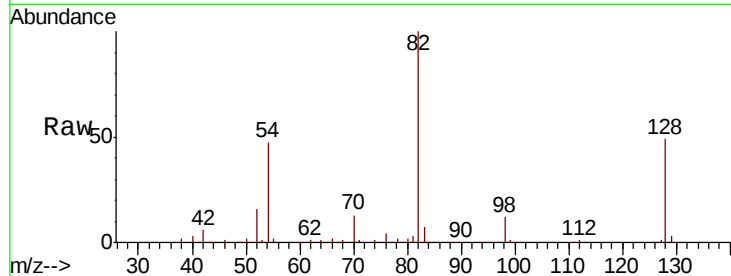


#23
 Nitrobenzene-d5
 Concen: 107.225 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF121100.D
 Acq: 29 Jul 2020 14:07

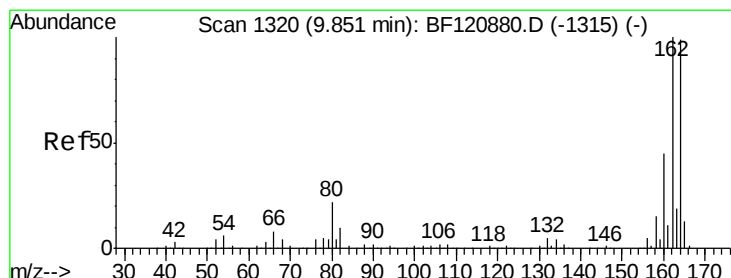
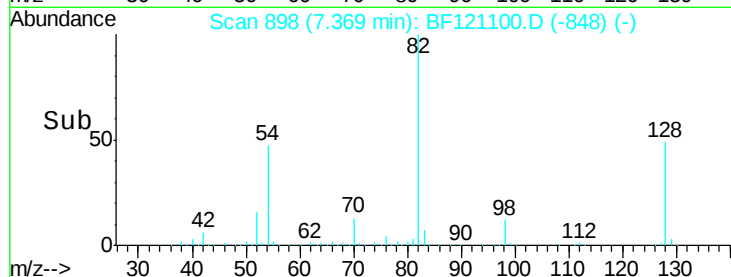
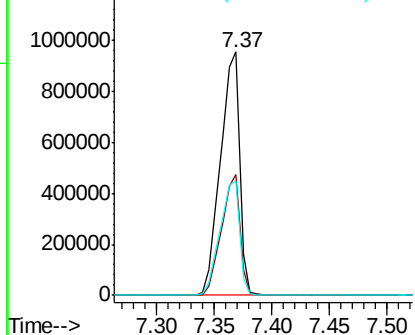
Instrument :
 BNA_F
 ClientSampleId :
 PB130537BL

Tot Ion: 82 Resp: 1105662

Ion	Ratio	Lower	Upper
82	100		
128	49.5	39.2	58.8
54	46.8	37.8	56.8



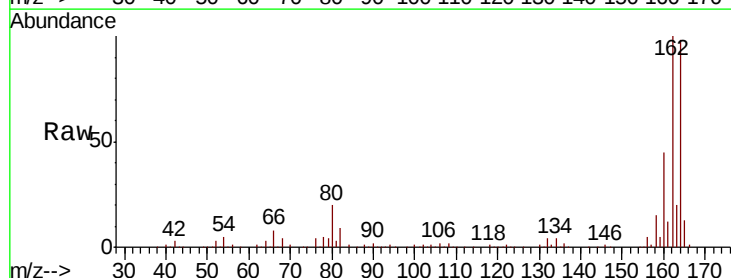
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



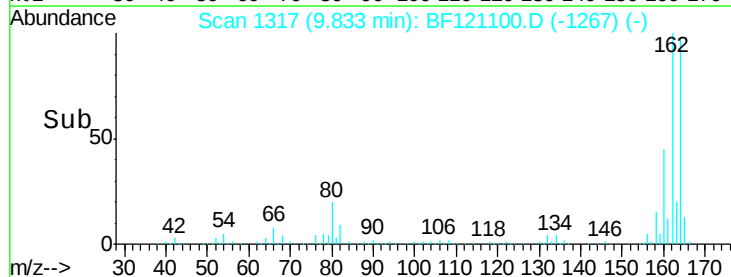
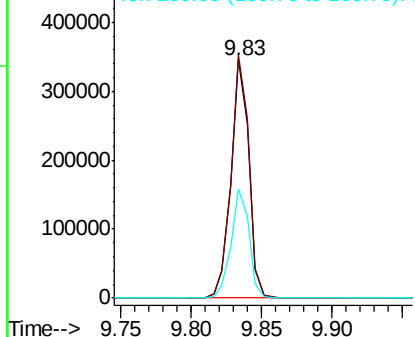
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121100.D
 Acq: 29 Jul 2020 14:07

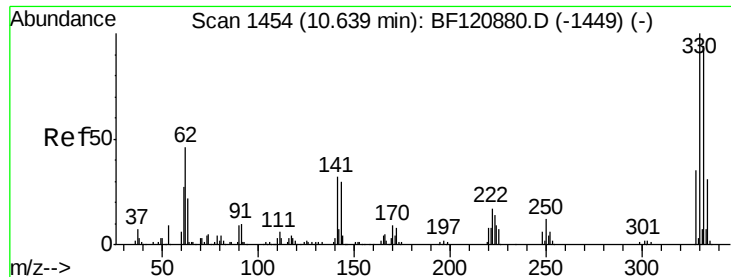
Tgt Ion:164 Resp: 302769

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.2	123.2
160	45.9	37.2	55.8



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

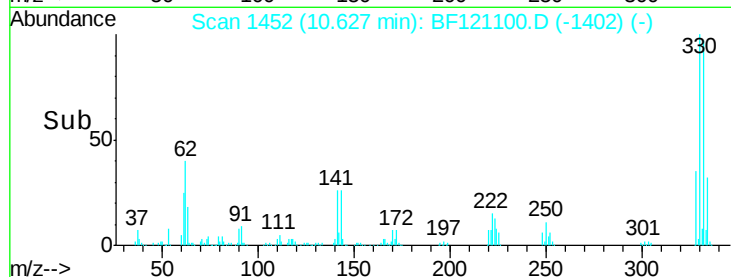
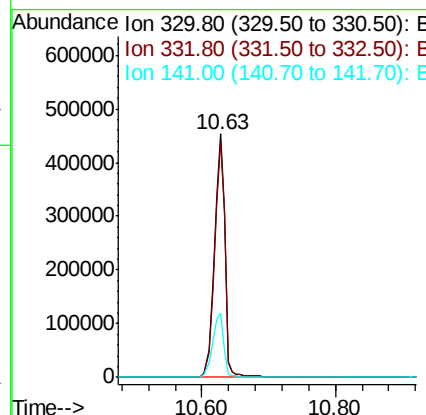
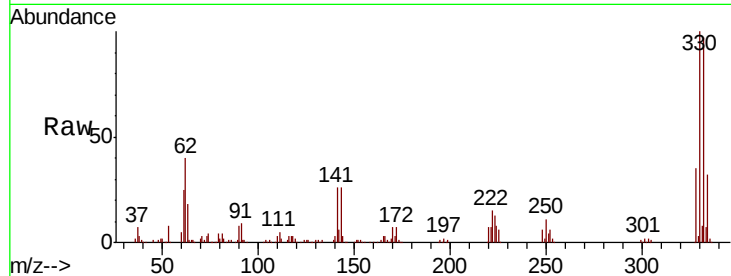




#42
 2,4,6-Tribromophenol
 Concen: 150.351 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121100.D
 Acq: 29 Jul 2020 14:07

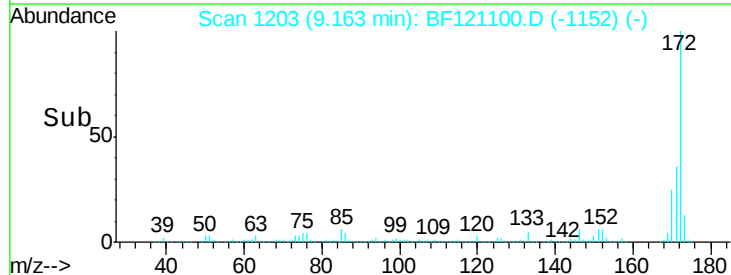
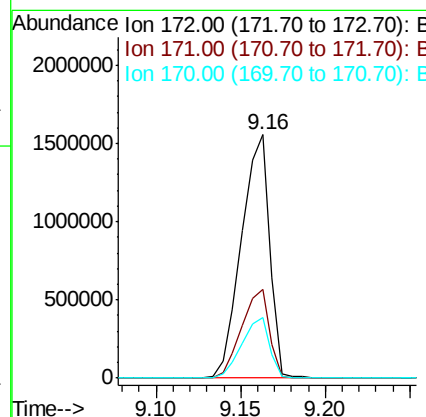
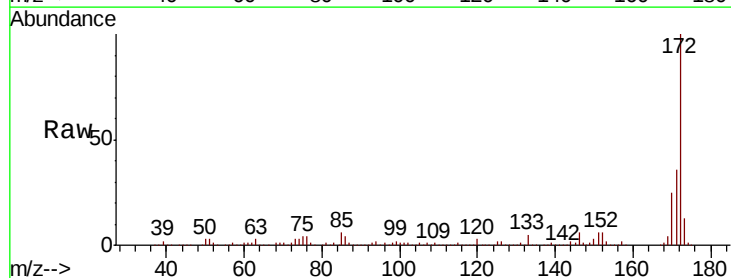
Instrument :
 BNA_F
 ClientSampleId :
 PB130537BL

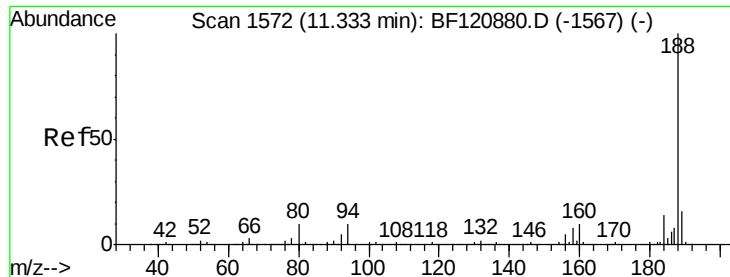
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.1	114.1
141	28.2	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 89.611 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF121100.D
 Acq: 29 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.8	19.6	29.4

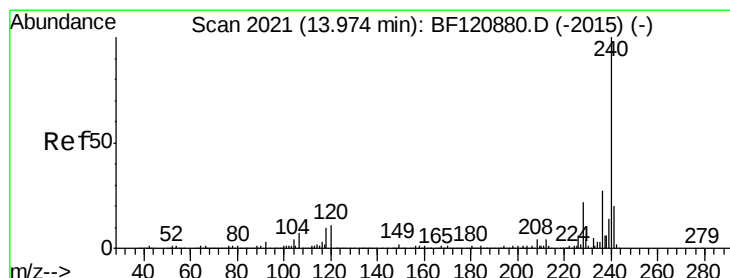
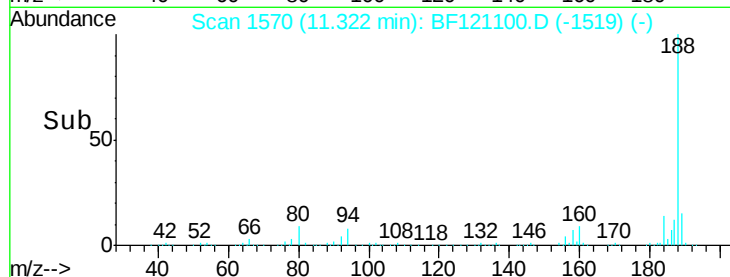
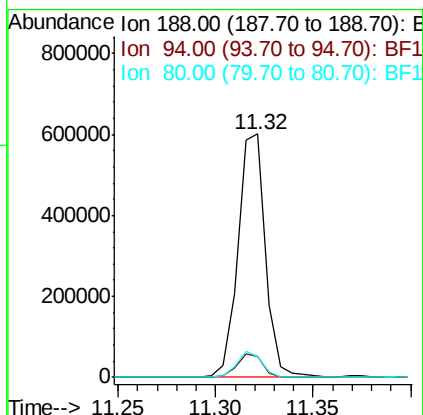
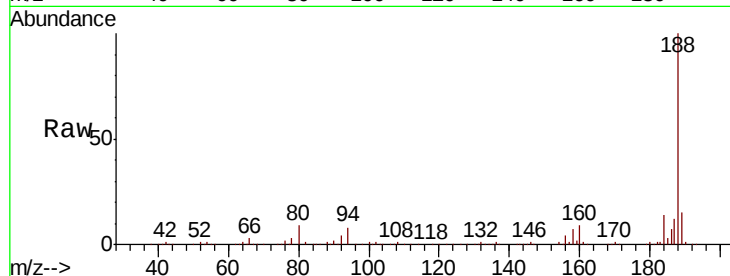




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121100.D
Acq: 29 Jul 2020 14:07

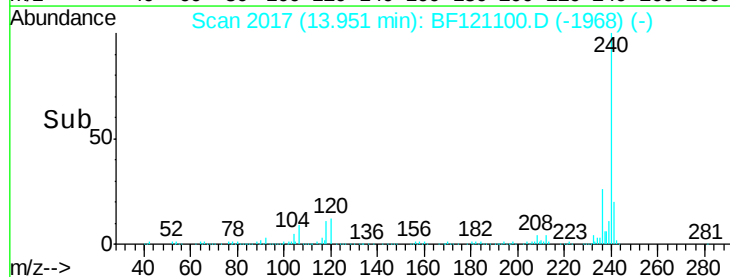
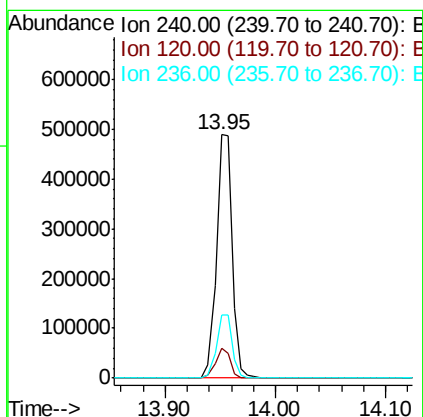
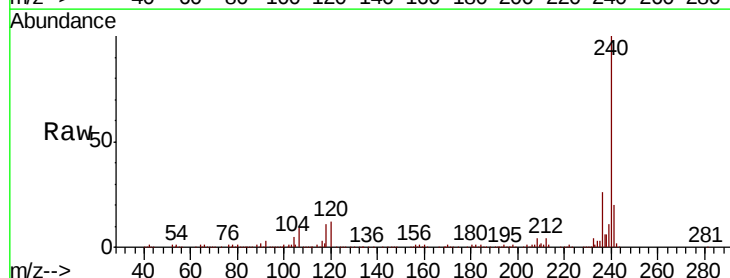
Instrument :
BNA_F
ClientSampleId :
PB130537BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.0	12.0
80	8.6	8.3	12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF121100.D
Acq: 29 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.3	13.9
236	26.2	21.1	31.7





#79

Terphenyl-d14

Concen: 84.375 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121100.D

Acq: 29 Jul 2020 14:07

Instrument :

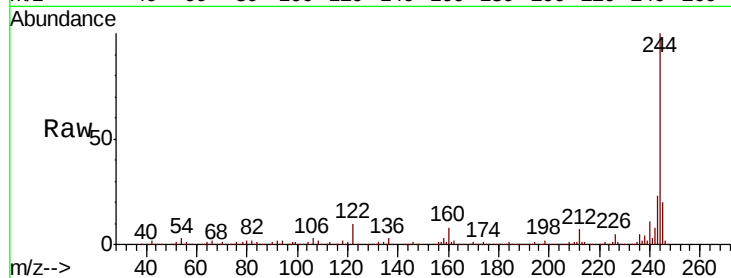
BNA_F

ClientSampleId :

PB130537BL

Tot Ion:244 Resp: 1873281

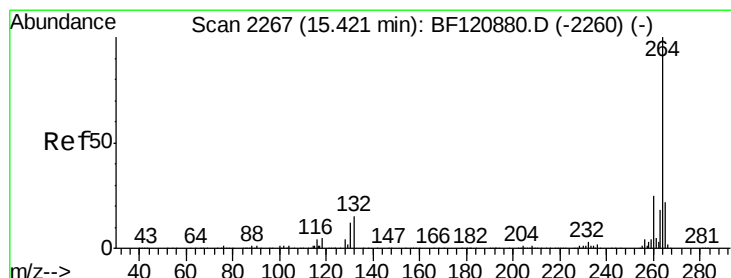
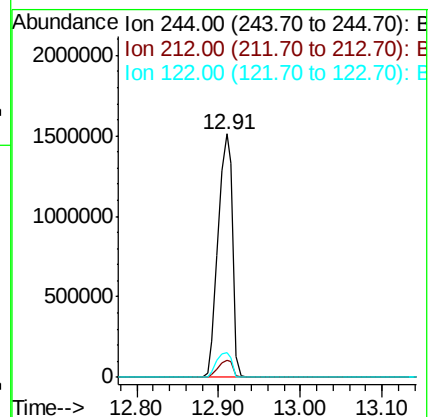
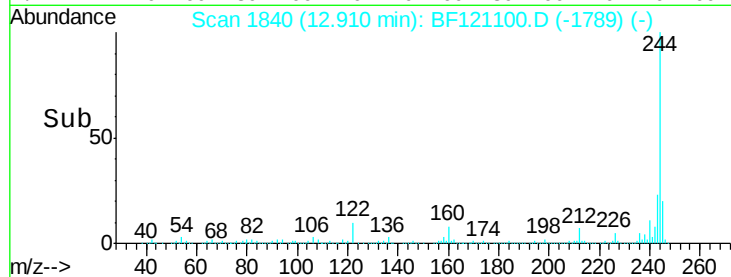
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	9.9	8.3	12.5



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: 15.40 min Scan# 2263

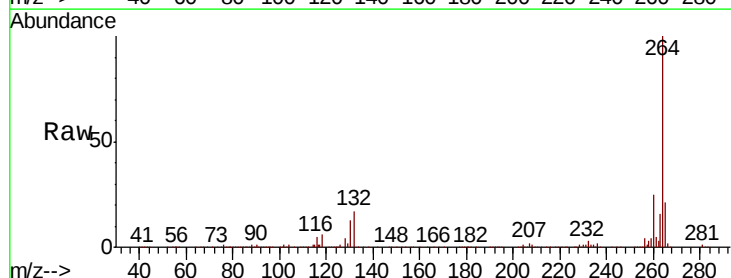
Delta R.T. -0.01 min

Lab File: BF121100.D

Acq: 29 Jul 2020 14:07

Tgt Ion:264 Resp: 456841

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.9	29.9
265	21.5	17.8	26.8



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

