

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
 Data File : BF121238.D
 Acq On : 11 Aug 2020 14:08
 Operator : JU/CG
 Sample : PB130878BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130878BL

Quant Time: Aug 11 16:17:04 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	6.79	152	144752	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	563223	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	283591	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	557936	20.00	ng	0.00
76) Chrysene-d12	13.96	240	437909	20.00	ng	0.00
86) Perylene-d12	15.42	264	402501	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	912112	103.30	ng	0.00
7) Phenol-d6	6.43	99	1114230	97.69	ng	-0.01
23) Nitrobenzene-d5	7.36	82	761897	78.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	344820	111.08	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1384629	72.90	ng	0.00
79) Terphenyl-d14	12.91	244	1389569	68.98	ng	0.00

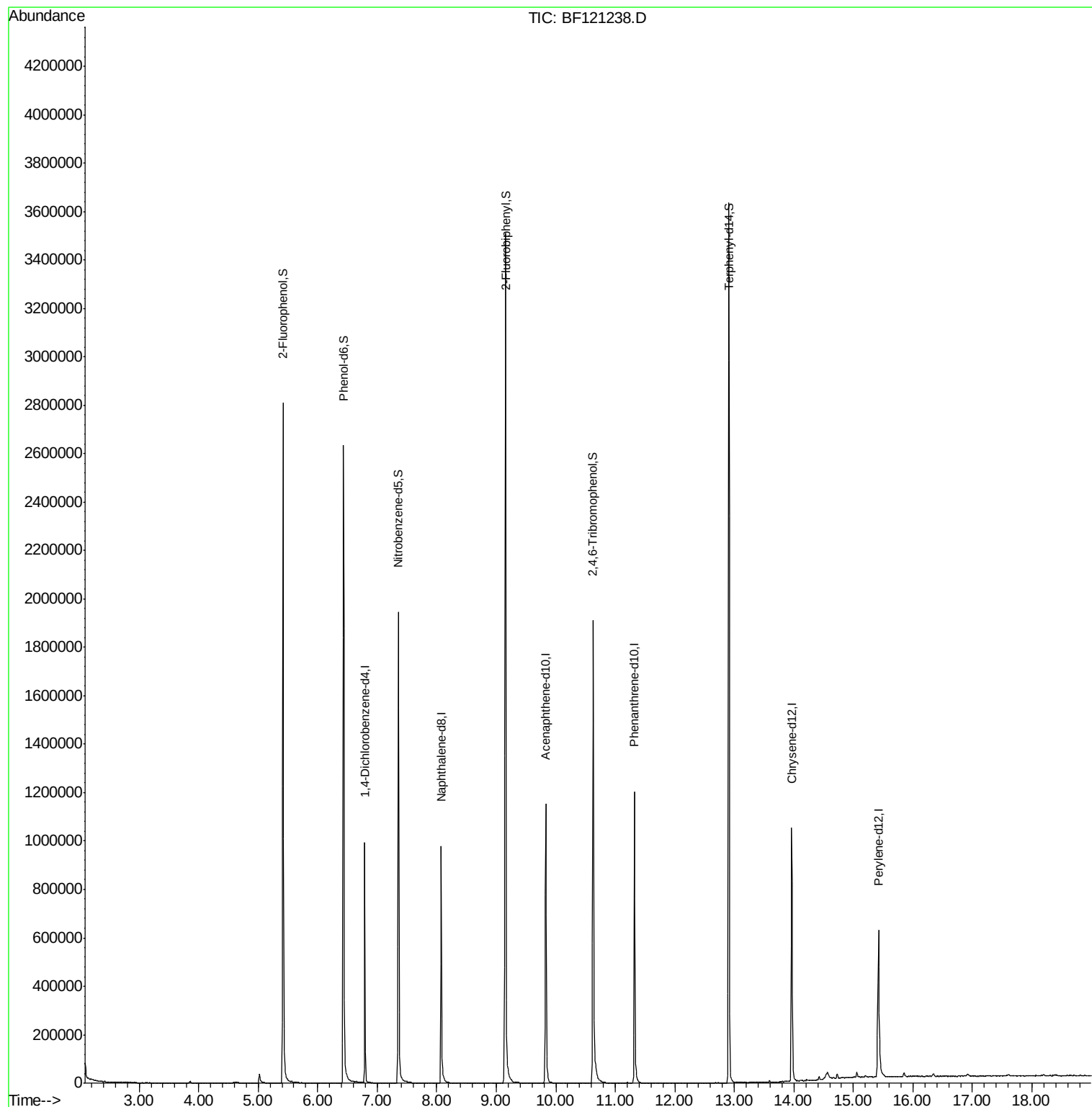
Target Compounds Qvalue

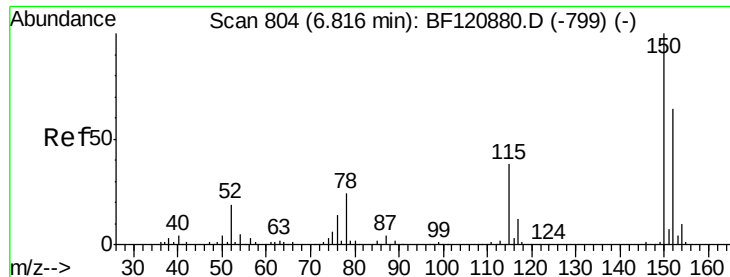
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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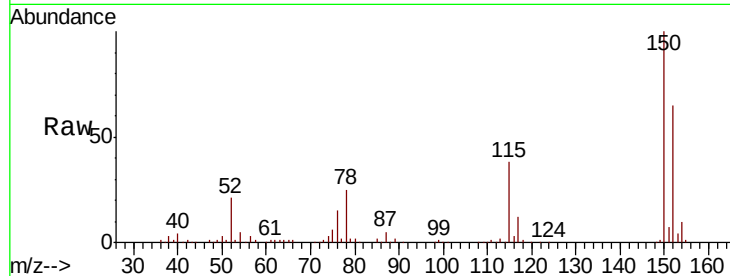


#1

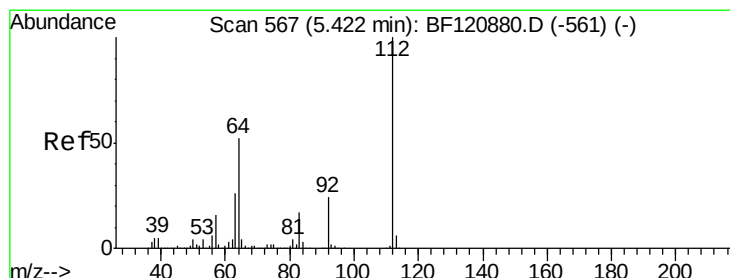
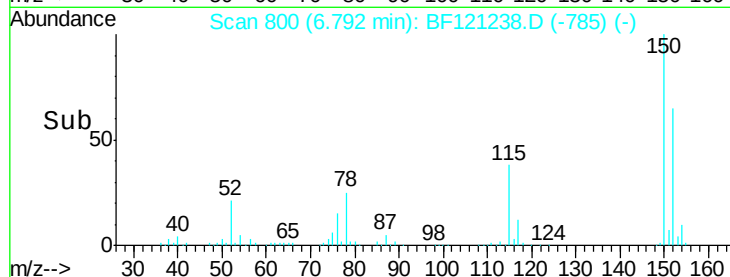
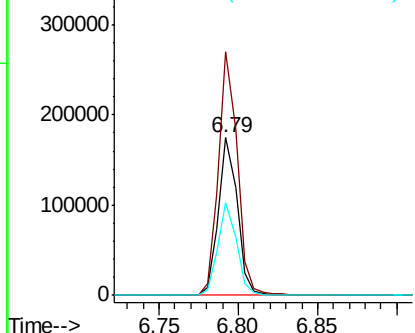
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Instrument :
BNA_F
ClientSampleId :
PB130878BL

Tot Ion:152 Resp: 144752
Ion Ratio Lower Upper
152 100
150 154.7 125.6 188.4
115 58.8 46.2 69.2



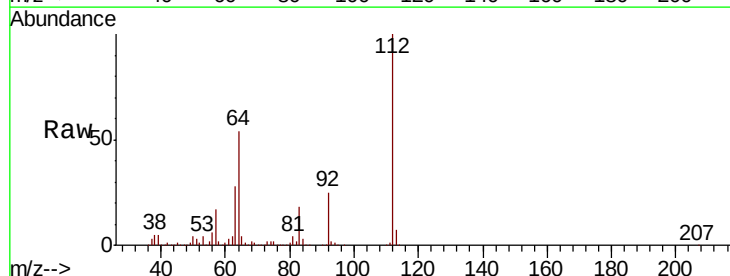
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



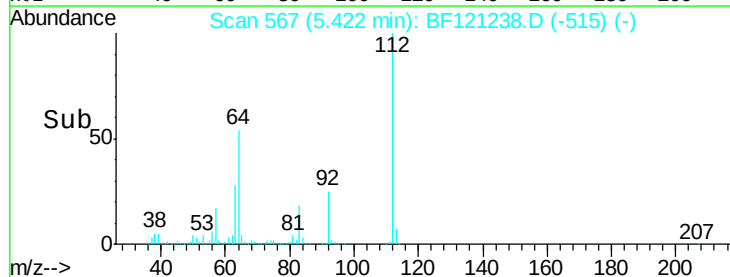
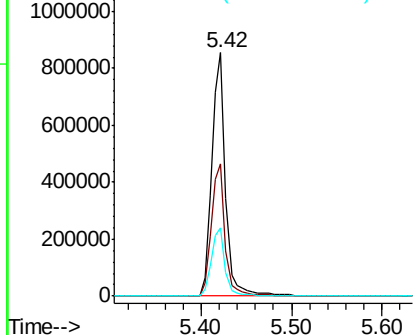
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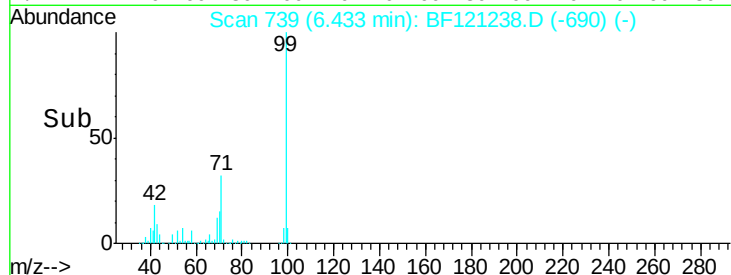
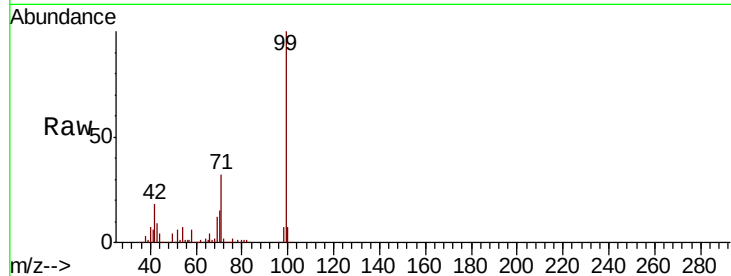
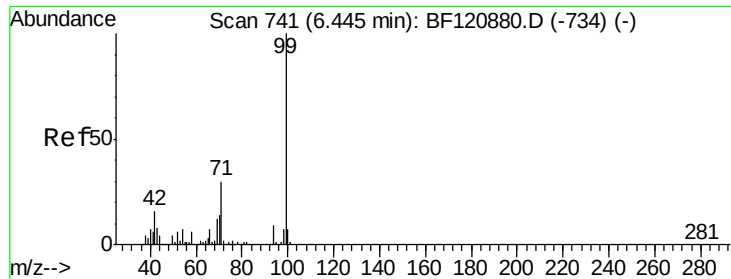
2-Fluorophenol
Concen: 103.299 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Tgt Ion:112 Resp: 912112
Ion Ratio Lower Upper
112 100
64 54.3 43.9 65.9
63 27.9 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: 97.689 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121238.D

Acq: 11 Aug 2020 14:08

Instrument :

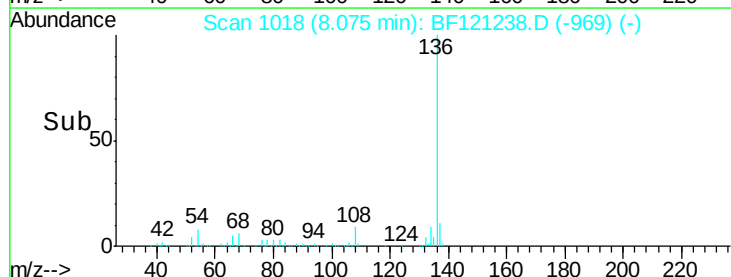
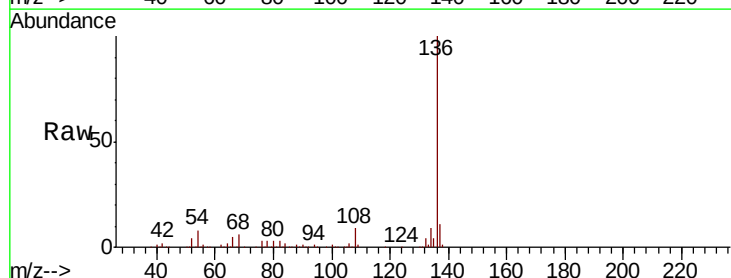
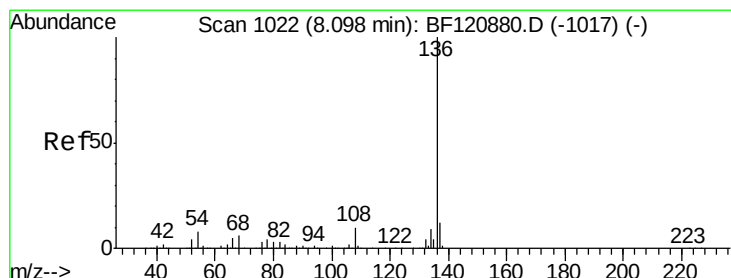
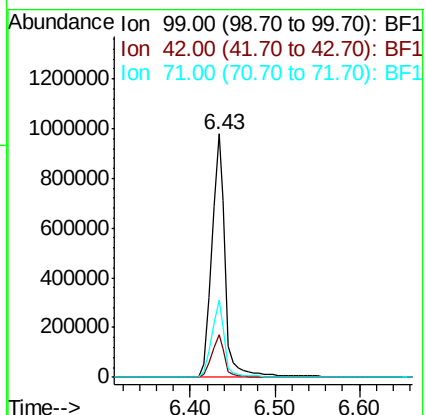
BNA_F

ClientSampleId :

PB130878BL

Tot Ion: 99 Resp: 1114230

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.5	20.3
71	31.8	25.0	37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

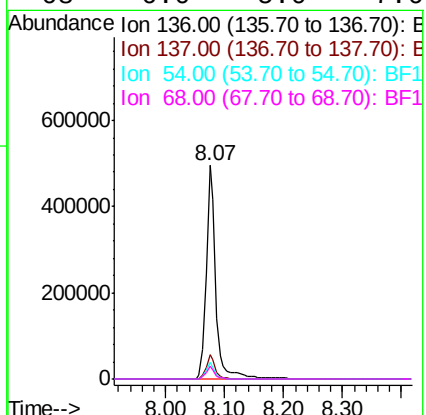
Delta R.T. -0.01 min

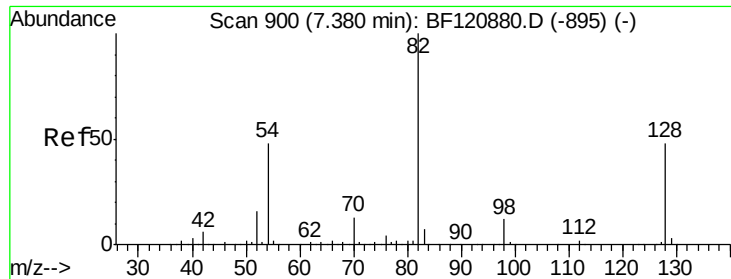
Lab File: BF121238.D

Acq: 11 Aug 2020 14:08

Tgt Ion: 136 Resp: 563223

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.6	6.1	9.1
68	6.0	5.0	7.6

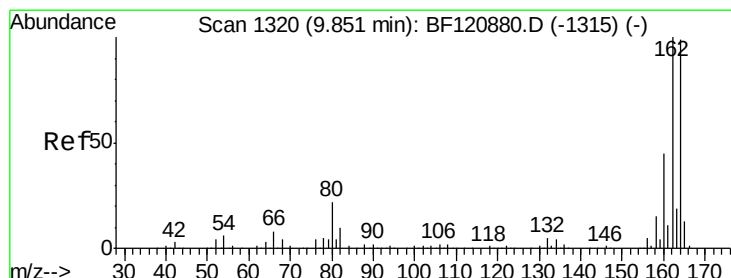
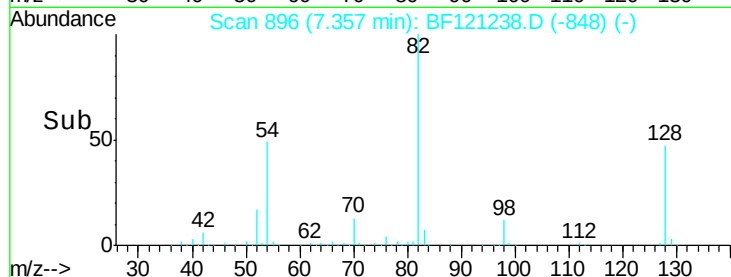
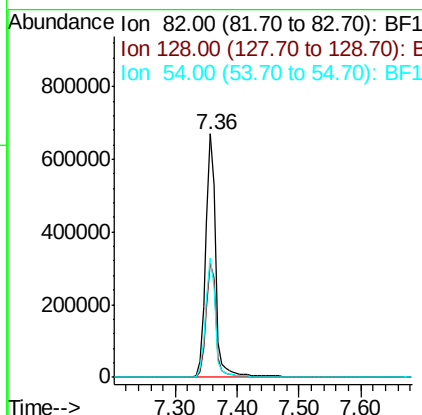
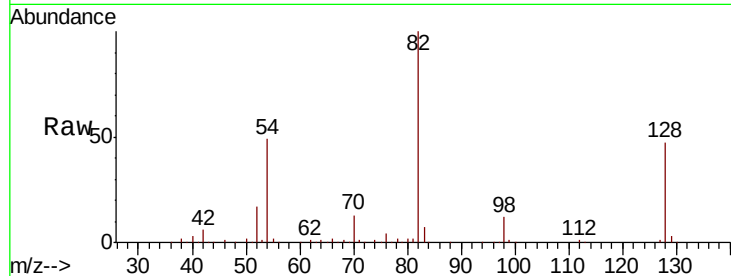




#23
Nitrobenzene-d5
Concen: 78.274 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

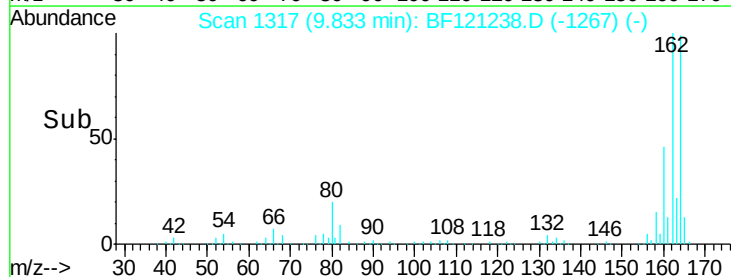
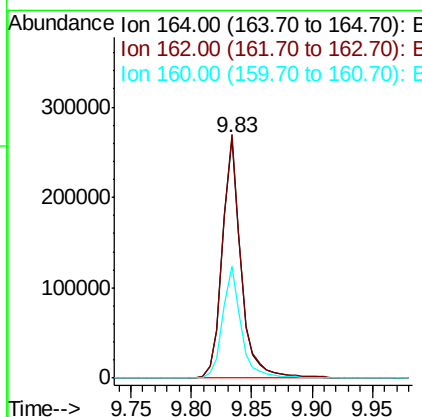
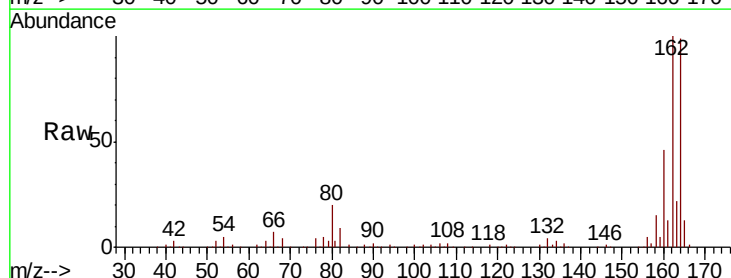
Instrument :
BNA_F
ClientSampleId :
PB130878BL

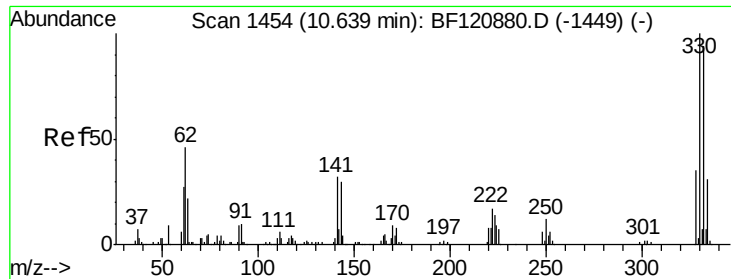
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	39.2	58.8
54	49.3	37.8	56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.2	123.2
160	46.6	37.2	55.8

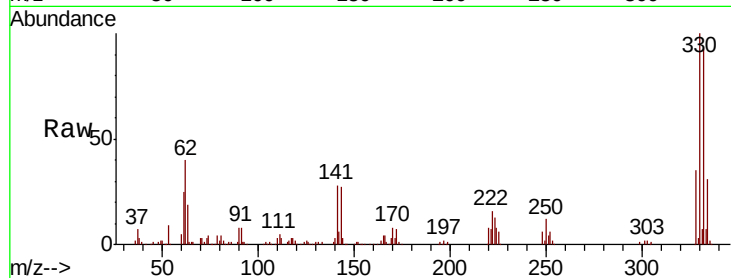




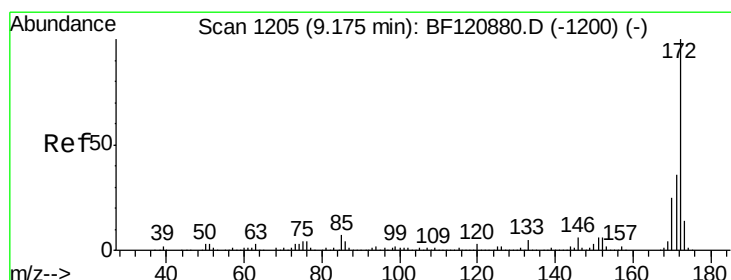
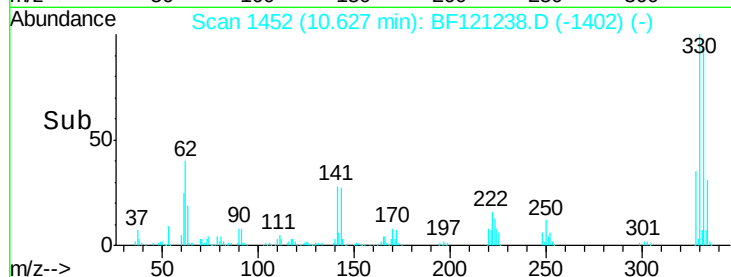
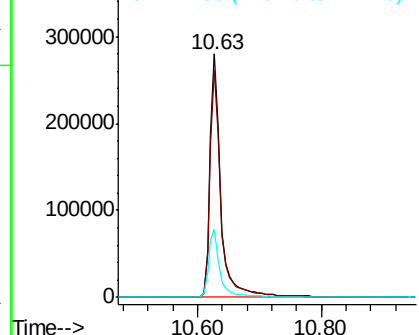
#42
 2,4,6-Tribromophenol
 Concen: 111.082 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121238.D
 Acq: 11 Aug 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB130878BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.1	114.1
141	29.6	24.1	36.1

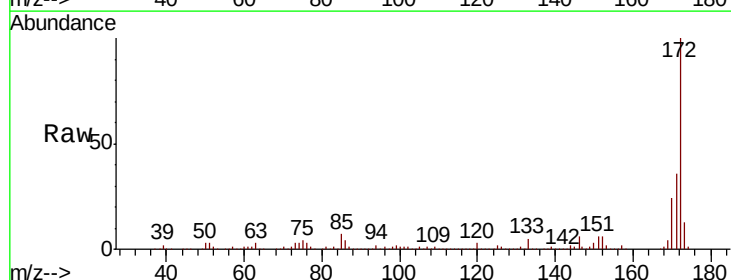


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

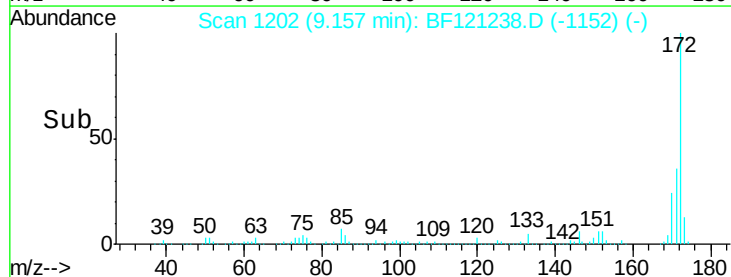
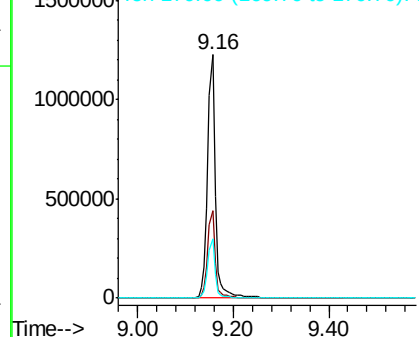


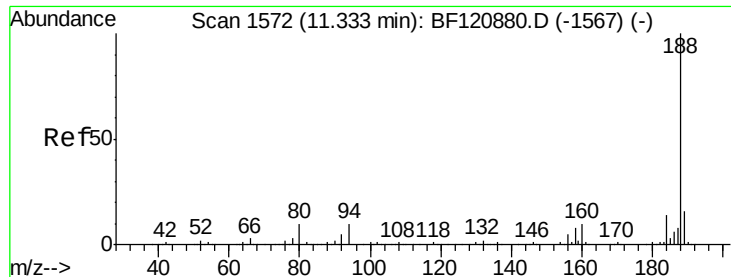
#45
 2-Fluorobiphenyl
 Concen: 72.898 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121238.D
 Acq: 11 Aug 2020 14:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	24.1	19.6	29.4



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

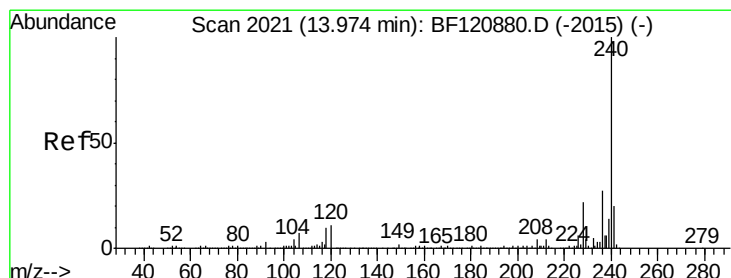
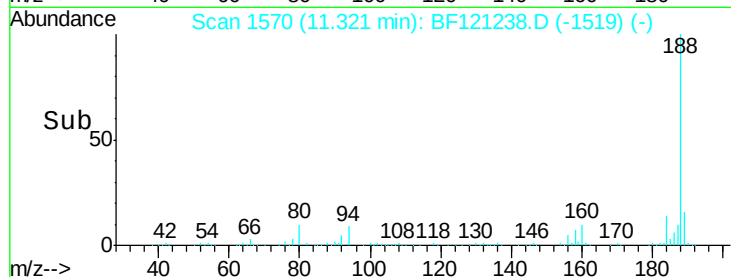
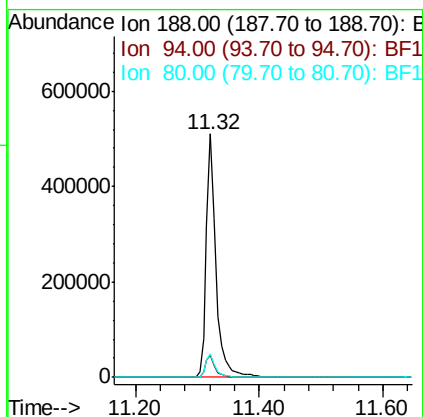
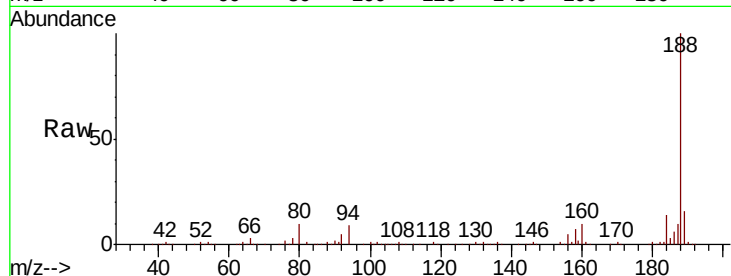




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

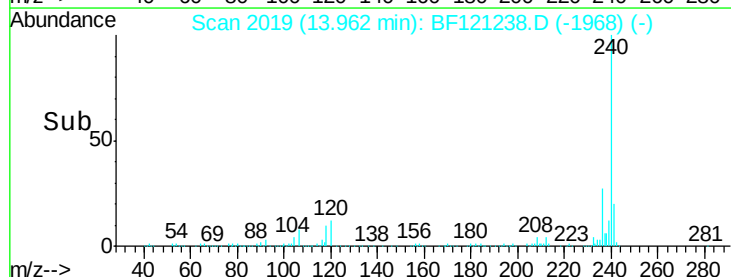
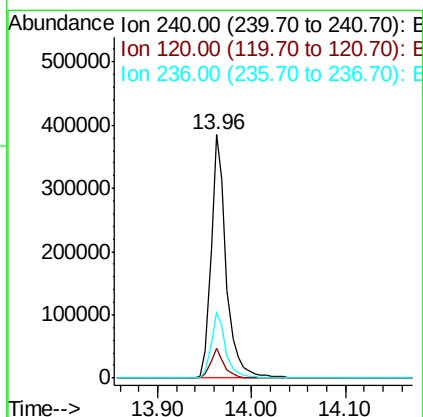
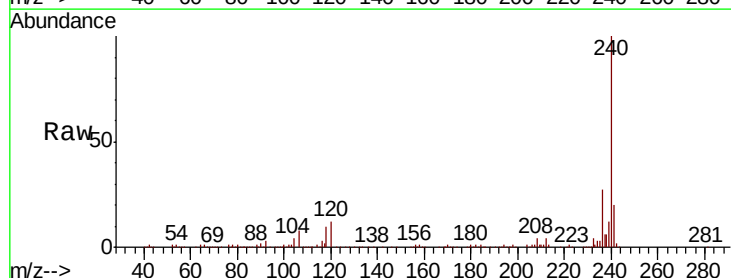
Instrument :
BNA_F
ClientSampleId :
PB130878BL

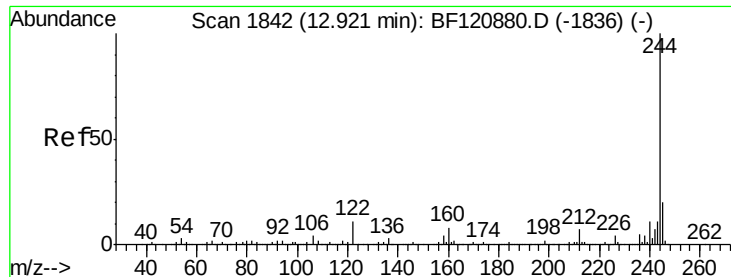
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.0	12.0
80	9.7	8.3	12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.3	13.9
236	27.0	21.1	31.7





#79

Terphenyl-d14

Concen: 68.978 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121238.D

Acq: 11 Aug 2020 14:08

Instrument :

BNA_F

ClientSampleId :

PB130878BL

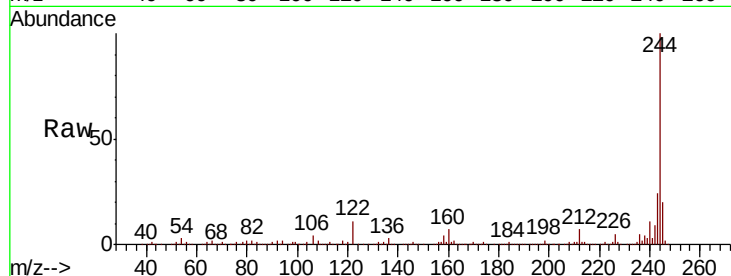
Tot Ion:244 Resp: 1389569

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

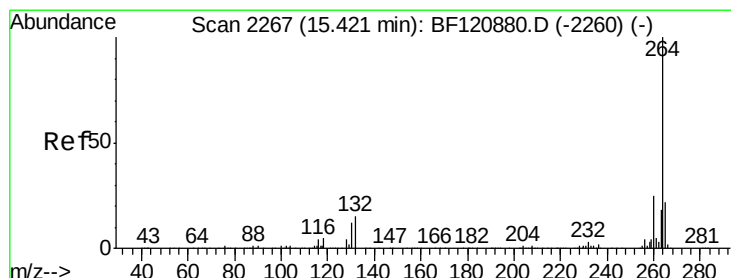
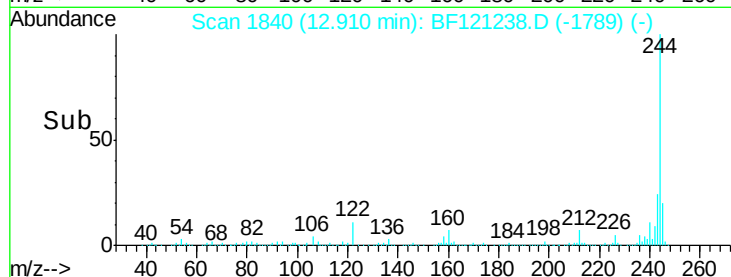
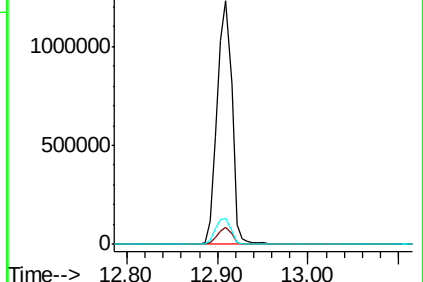
122 10.5 8.3 12.5



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: 15.42 min Scan# 2267

Delta R.T. 0.02 min

Lab File: BF121238.D

Acq: 11 Aug 2020 14:08

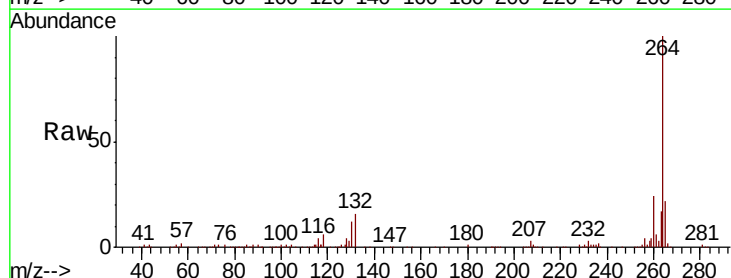
Tgt Ion:264 Resp: 402501

Ion Ratio Lower Upper

264 100

260 24.3 19.9 29.9

265 21.6 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

