

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120290.D
 Acq On : 14 May 2020 15:04
 Operator : MA/SJ
 Sample : PB128891BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128891BL

Quant Time: May 14 16:41:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	333697	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1332340	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	734516	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	1554726	20.00	ng	0.00
76) Chrysene-d12	13.78	240	1096738	20.00	ng	0.00
87) Perylene-d12	15.17	264	956383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1763709	102.84	ng	0.00
7) Phenol-d6	6.27	99	2279982	105.12	ng	0.00
23) Nitrobenzene-d5	7.19	82	1488592	76.50	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	609023	101.69	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2783913	77.87	ng	0.00
79) Terphenyl-d14	12.73	244	3071786	61.88	ng	0.00

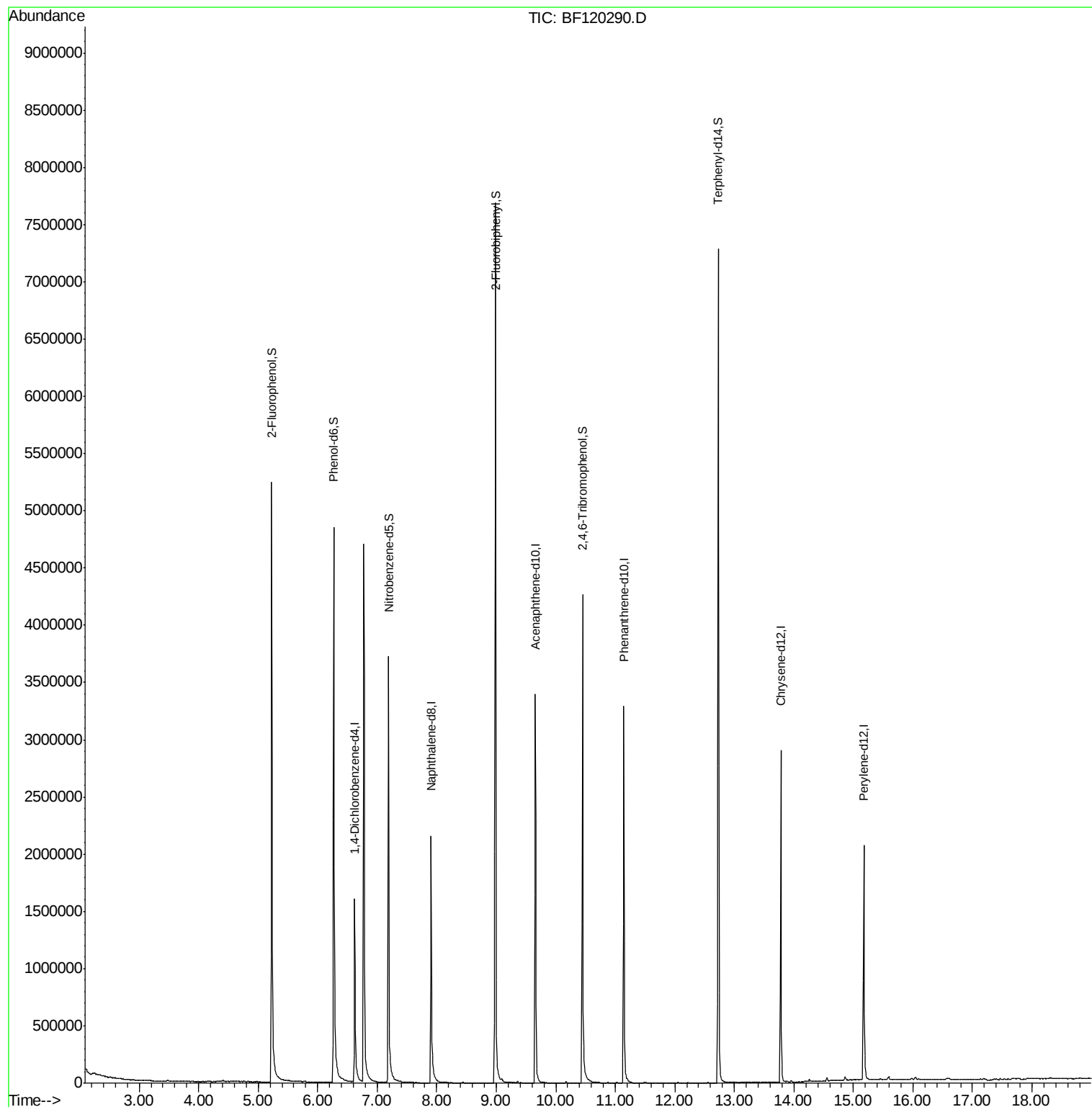
Target Compounds Qvalue

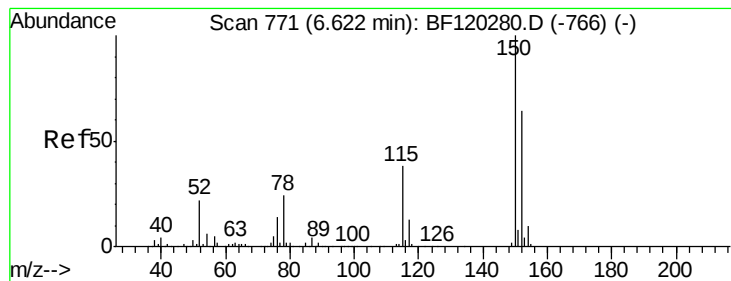
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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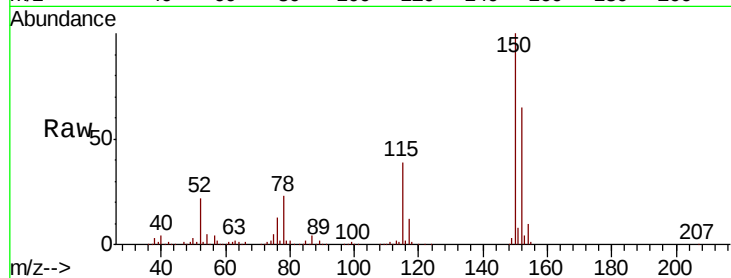


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF120290.D
Acq: 14 May 2020 15:04

Instrument :
BNA_F
ClientSampleId :
PB128891BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.2
115	60.1	47.9	71.9

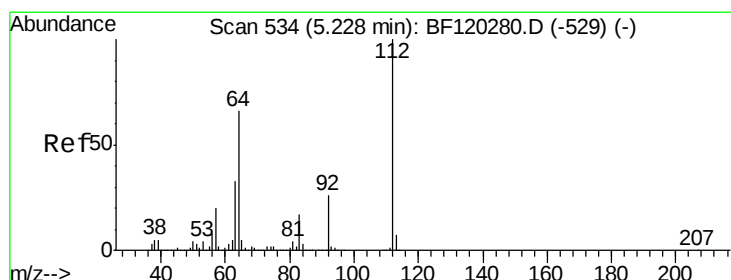
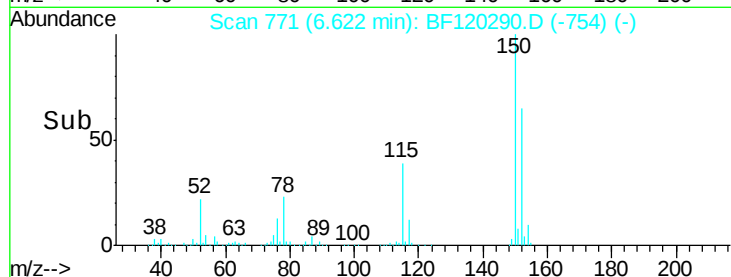
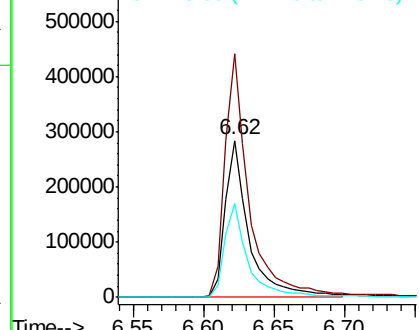


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

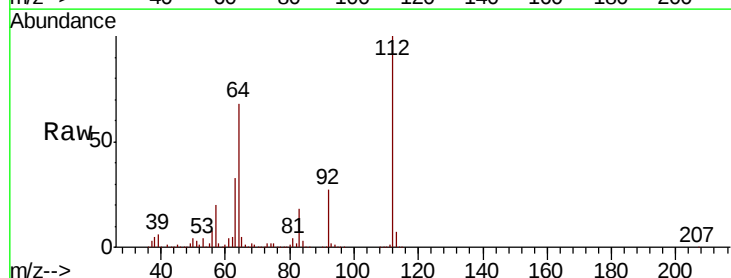
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 102.837 ng
RT: 5.23 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF120290.D
Acq: 14 May 2020 15:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	52.7	79.1
63	33.4	26.2	39.4

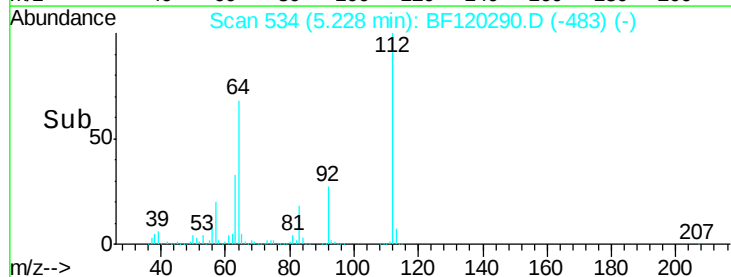
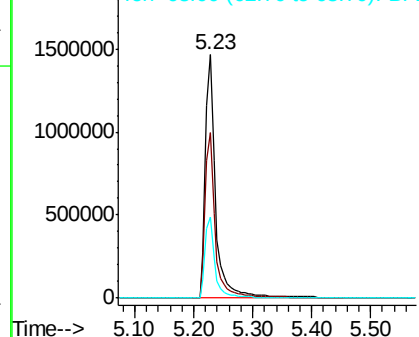


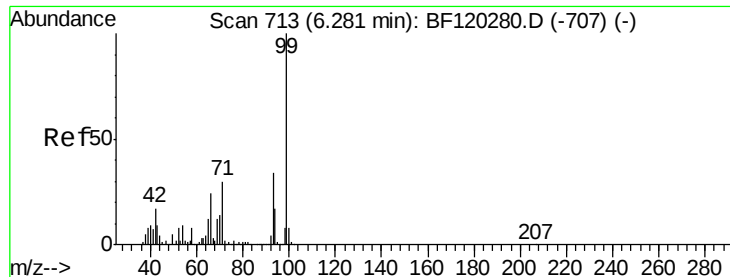
Abundance

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: 105.125 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF120290.D

Acq: 14 May 2020 15:04

Instrument :

BNA_F

ClientSampleId :

PB128891BL

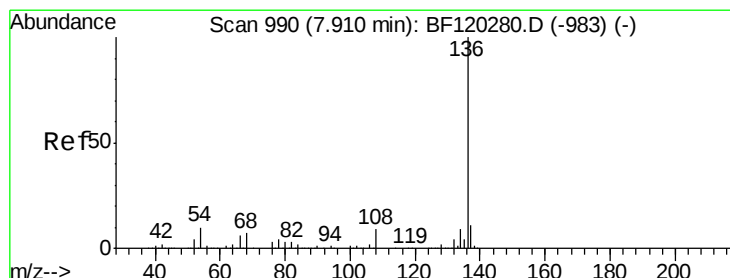
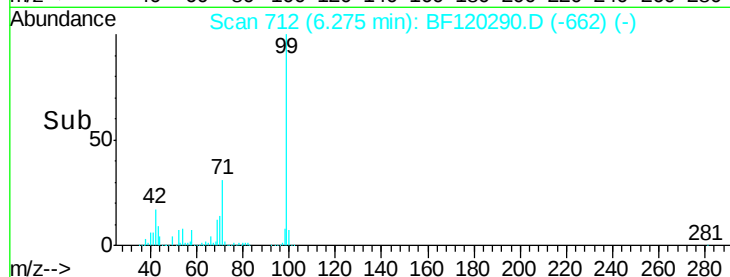
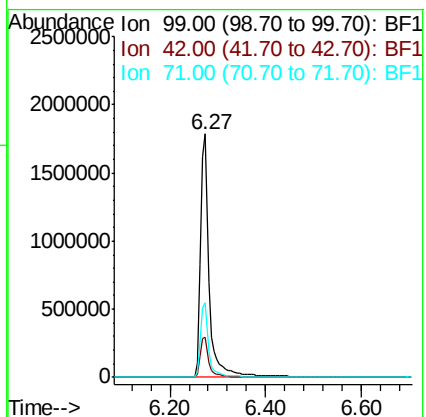
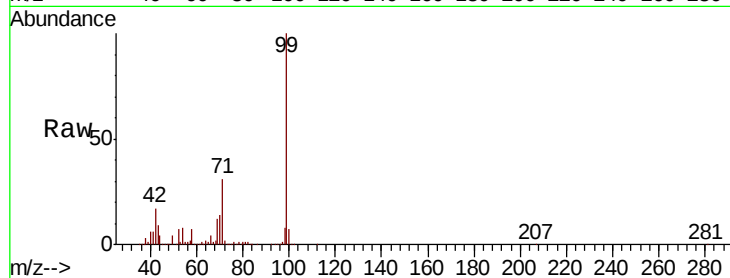
Tot Ion: 99 Resp: 2279982

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

71 30.7 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF120290.D

Acq: 14 May 2020 15:04

Tgt Ion: 136 Resp: 1332340

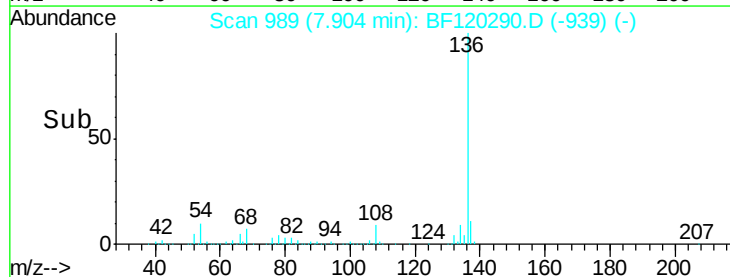
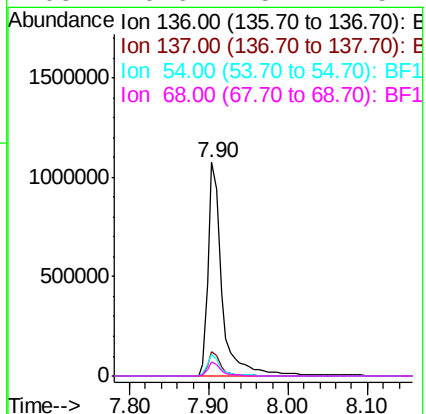
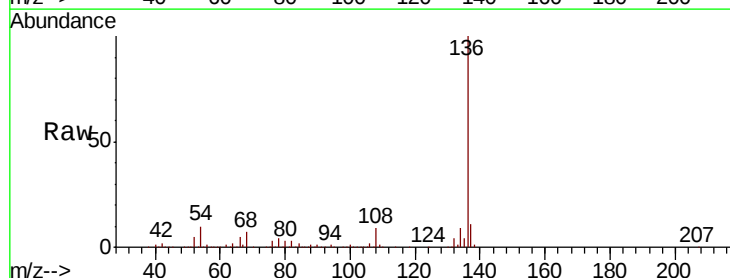
Ion Ratio Lower Upper

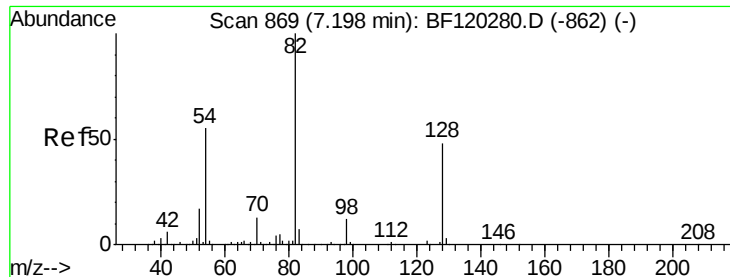
136 100

137 11.3 9.1 13.7

54 10.1 7.9 11.9

68 6.6 5.4 8.2

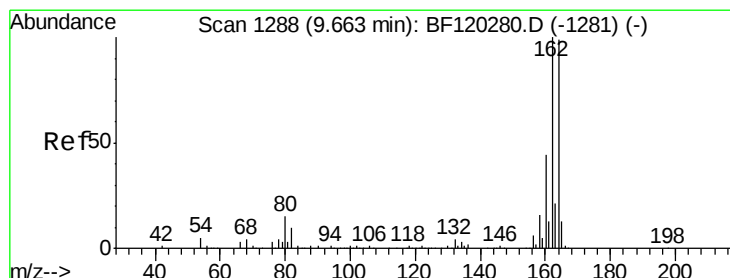
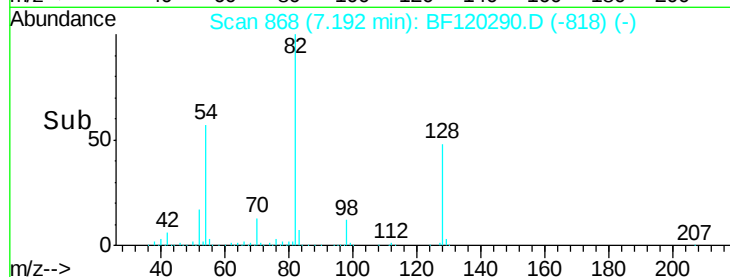
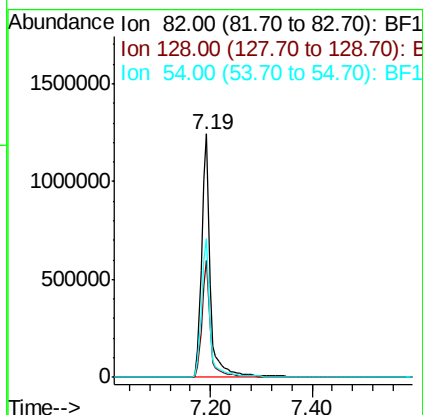
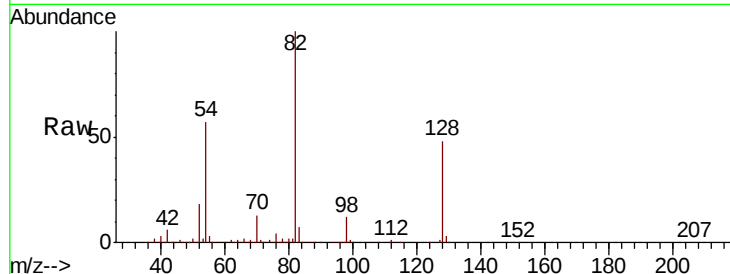




#23
Nitrobenzene-d5
Concen: 76.496 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF120290.D
Acq: 14 May 2020 15:04

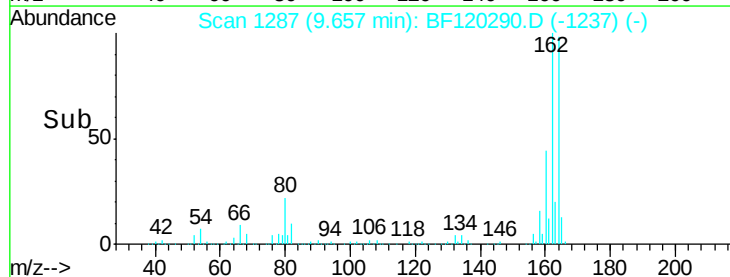
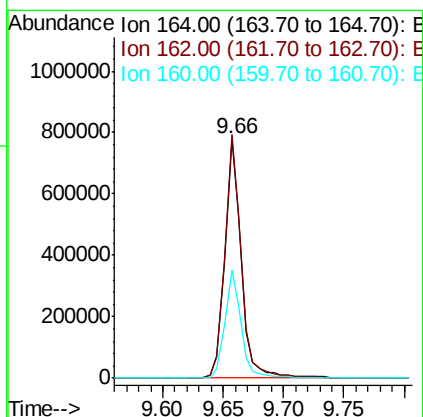
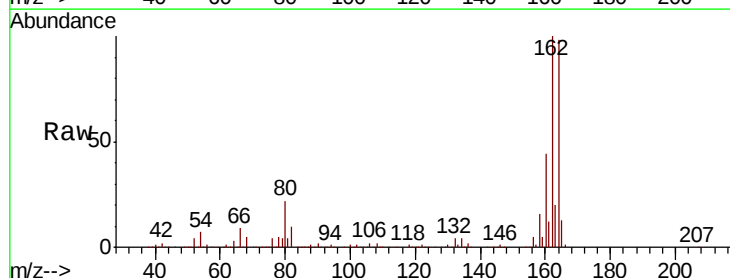
Instrument :
BNA_F
ClientSampleId :
PB128891BL

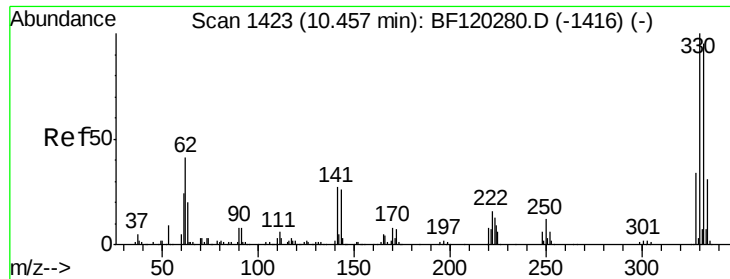
Tot Ion: 82 Resp: 1488592
Ion Ratio Lower Upper
82 100
128 48.1 38.3 57.5
54 56.8 43.9 65.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF120290.D
Acq: 14 May 2020 15:04

Tgt Ion:164 Resp: 734516
Ion Ratio Lower Upper
164 100
162 101.8 81.2 121.8
160 45.0 35.8 53.6

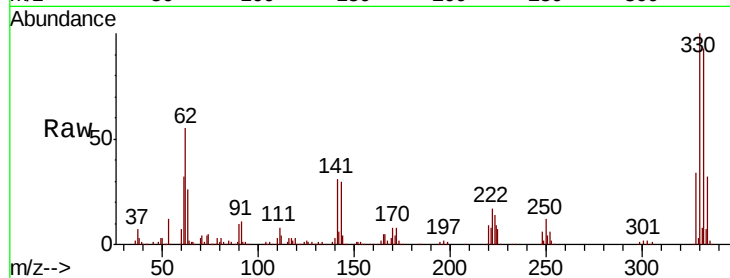




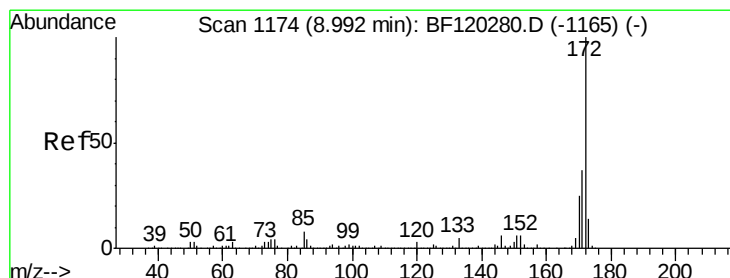
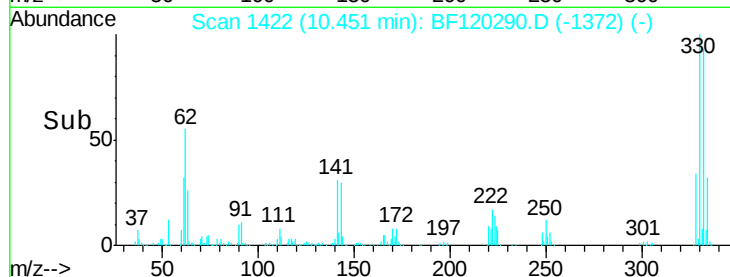
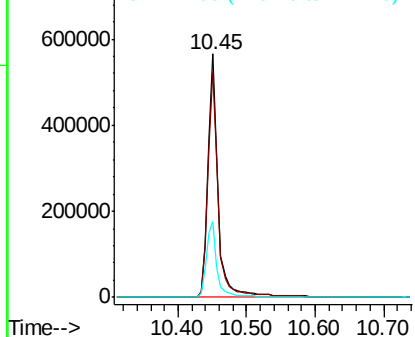
#42
 2,4,6-Tribromophenol
 Concen: 101.693 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF120290.D
 Acq: 14 May 2020 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB128891BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.5	114.7
141	32.1	25.4	38.0

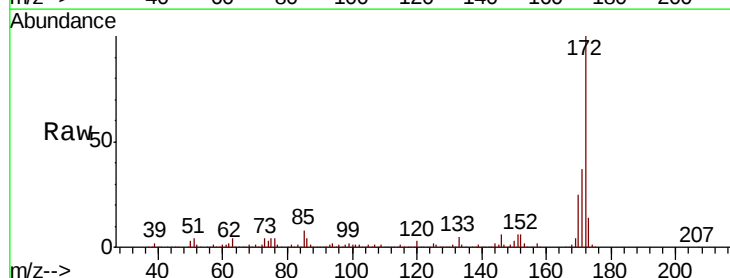


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

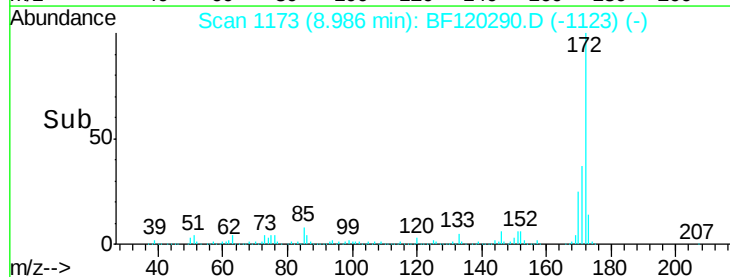
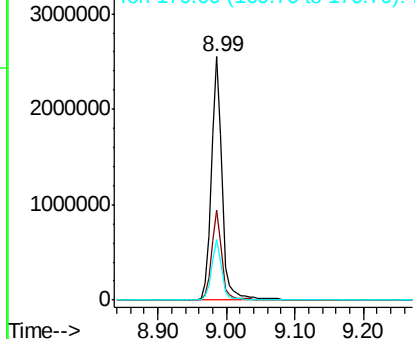


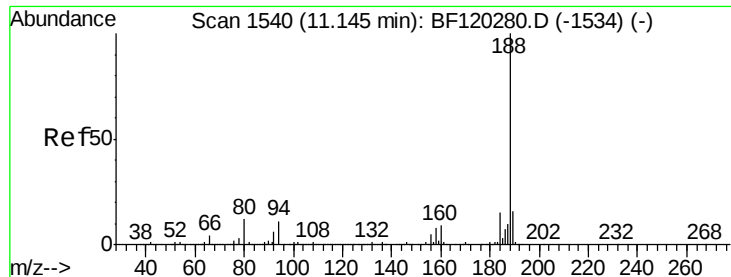
#45
 2-Fluorobiphenyl
 Concen: 77.867 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF120290.D
 Acq: 14 May 2020 15:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.8	19.9	29.9



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

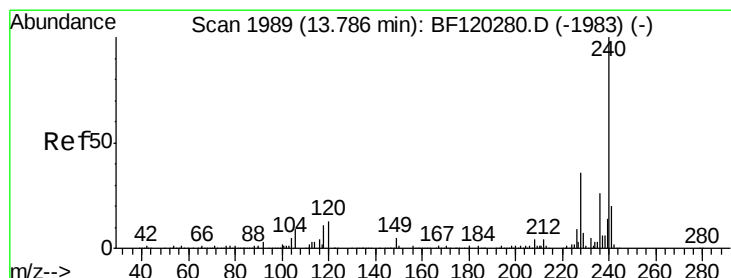
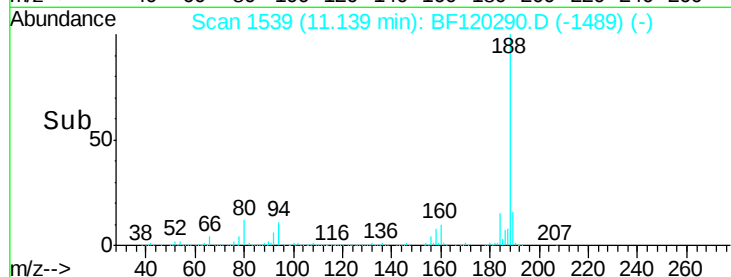
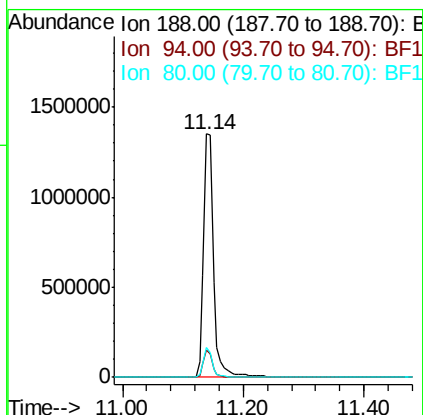
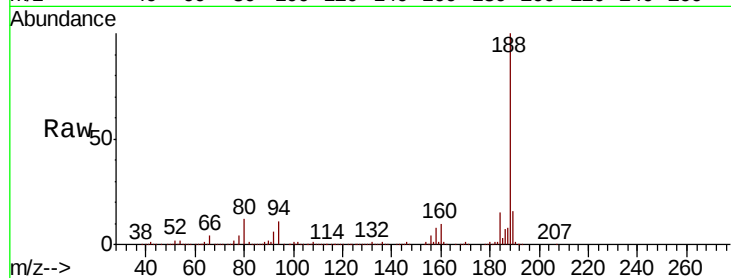




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF120290.D
Acq: 14 May 2020 15:04

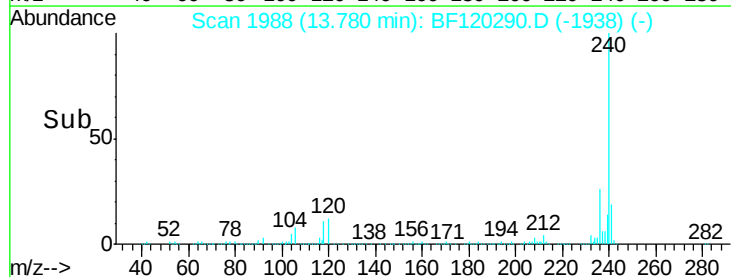
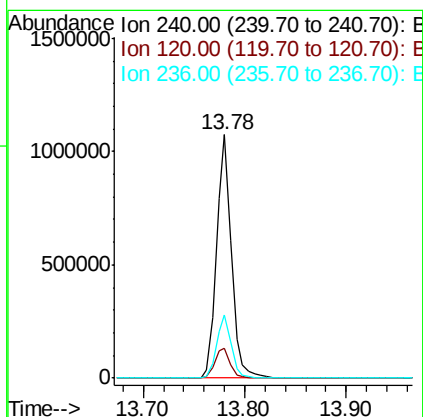
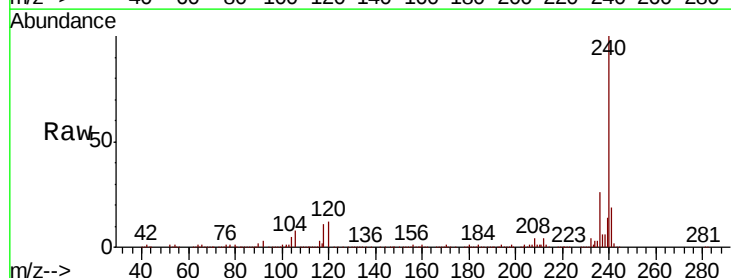
Instrument :
BNA_F
ClientSampleId :
PB128891BL

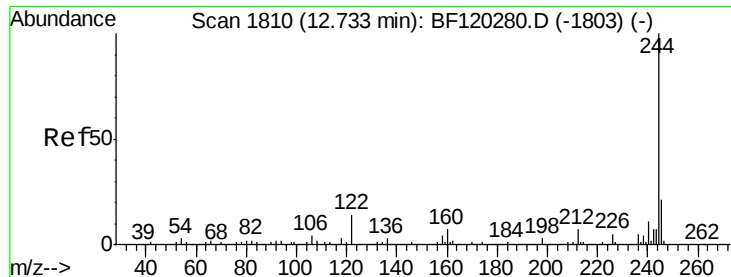
Tot Ion:188 Resp: 1554726
Ion Ratio Lower Upper
188 100
94 11.4 8.6 13.0
80 12.5 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF120290.D
Acq: 14 May 2020 15:04

Tgt Ion:240 Resp: 1096738
Ion Ratio Lower Upper
240 100
120 12.2 10.4 15.6
236 25.7 21.0 31.6





#79

Terphenyl-d14

Concen: 61.877 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF120290.D

Acq: 14 May 2020 15:04

Instrument :

BNA_F

ClientSampleId :

PB128891BL

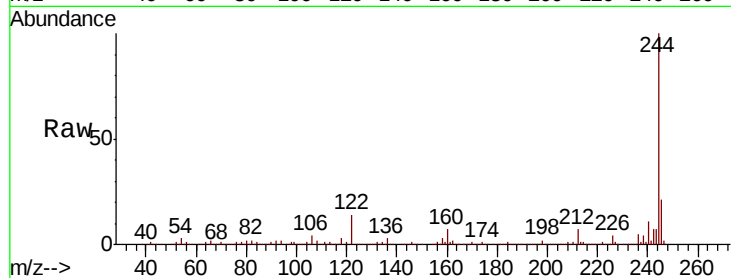
Tot Ion:244 Resp: 3071786

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

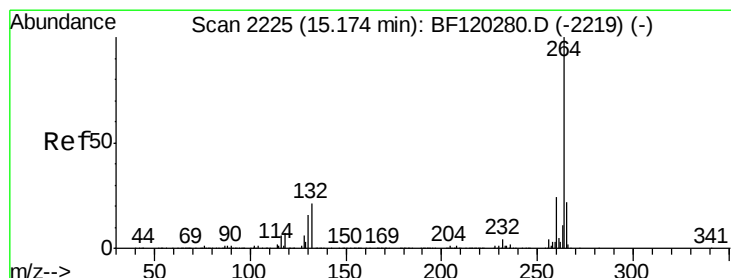
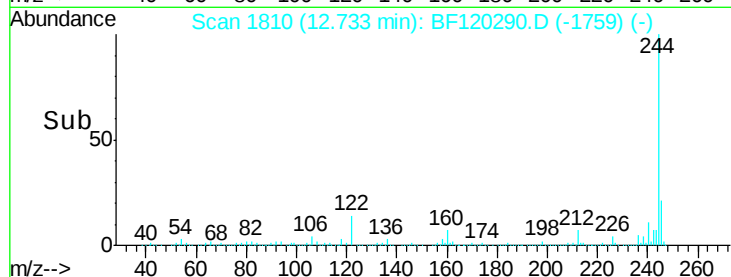
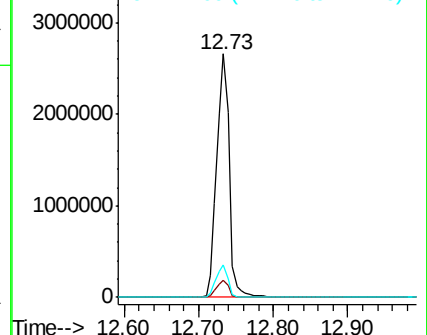
122 13.5 10.8 16.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.17 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF120290.D

Acq: 14 May 2020 15:04

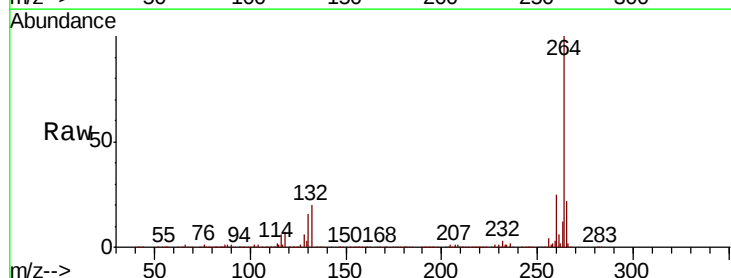
Tgt Ion:264 Resp: 956383

Ion Ratio Lower Upper

264 100

260 25.0 19.0 28.6

265 22.2 17.5 26.3



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

