

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120293.D
 Acq On : 14 May 2020 16:25
 Operator : MA/SJ
 Sample : PB128891TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128891TB

Quant Time: May 14 17:08:51 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	349609	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1454785	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	772214	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	1540560	20.00	ng	0.00
76) Chrysene-d12	13.78	240	1301872	20.00	ng	0.00
87) Perylene-d12	15.17	264	1105269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1841758	102.50	ng	0.00
7) Phenol-d6	6.27	99	2396279	105.46	ng	0.00
23) Nitrobenzene-d5	7.19	82	1513647	71.24	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	659370	104.72	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2865805	76.24	ng	0.00
79) Terphenyl-d14	12.73	244	3491221	59.24	ng	0.00

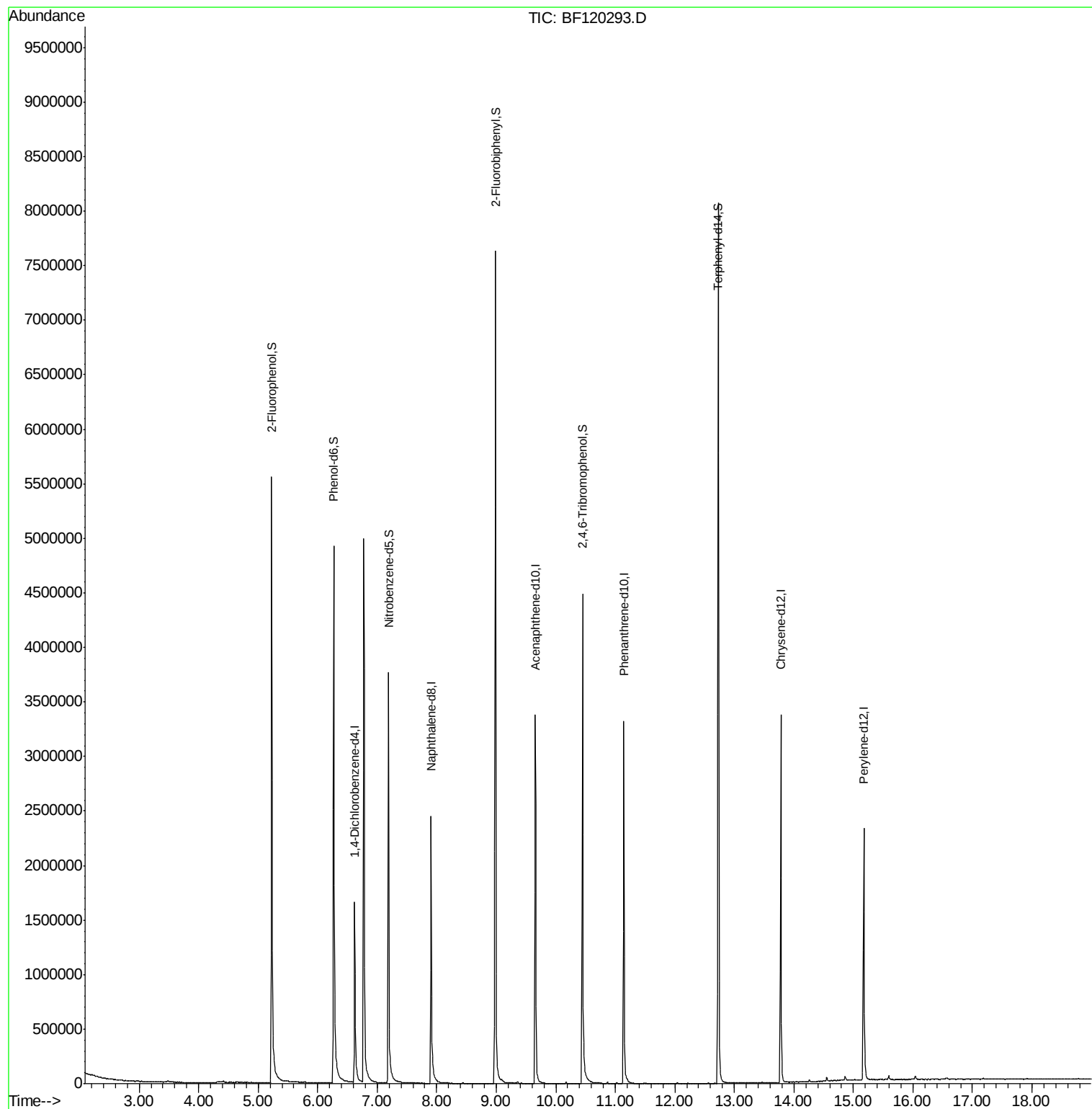
Target Compounds Qvalue

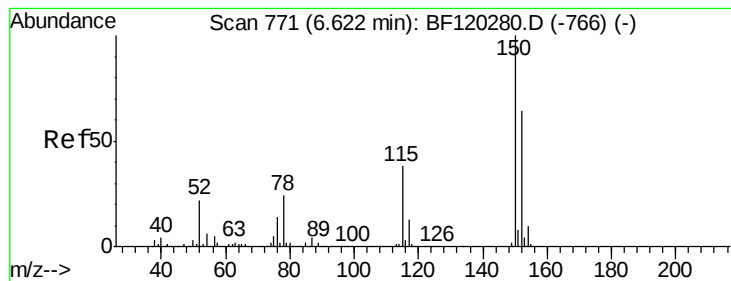
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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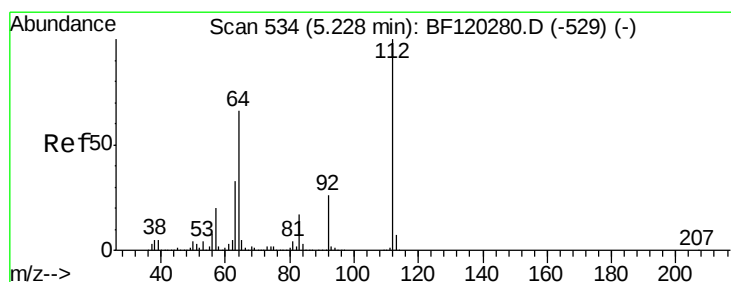
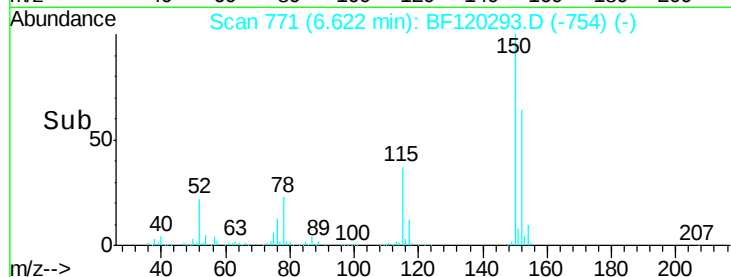
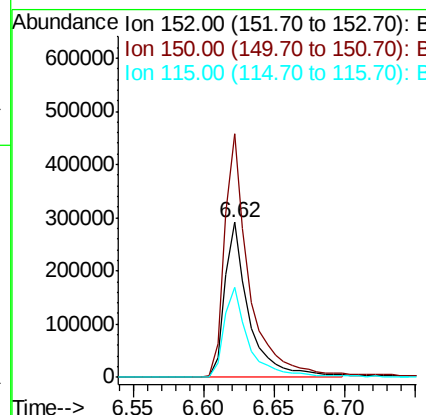
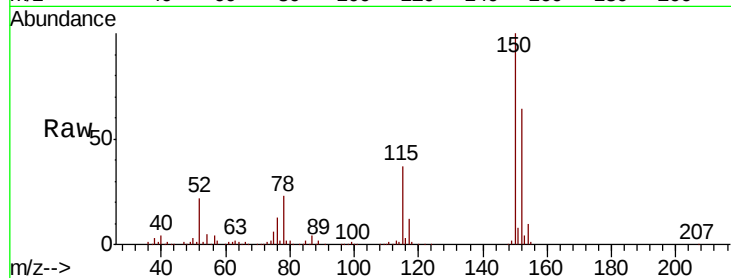


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF120293.D
Acq: 14 May 2020 16:25

Instrument :
BNA_F
ClientSampleId :
PB128891TB

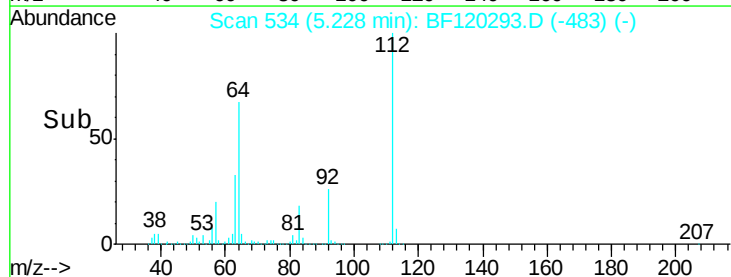
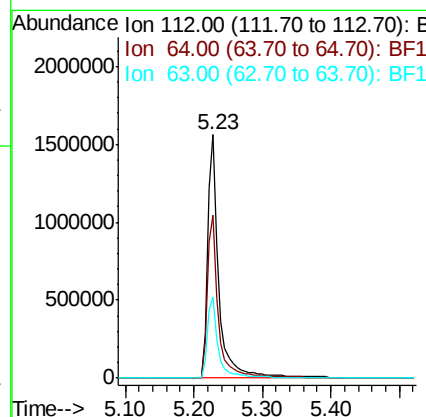
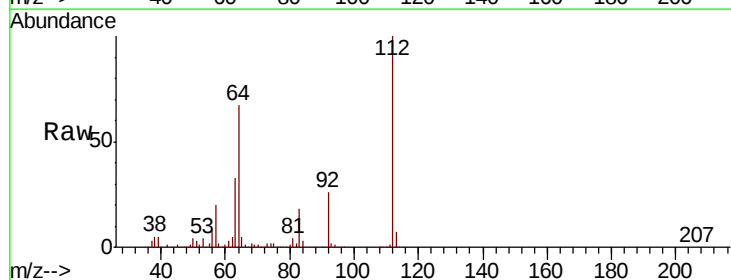
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.2	189.2
115	58.0	47.9	71.9

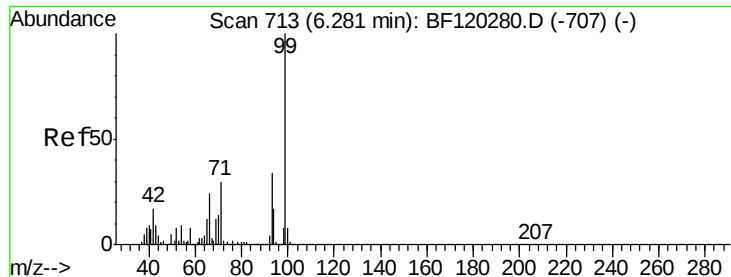


#5

2-Fluorophenol
Concen: 102.501 ng
RT: 5.23 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF120293.D
Acq: 14 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	52.7	79.1
63	33.3	26.2	39.4





#7

Phenol-d6

Concen: 105.458 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF120293.D

Acq: 14 May 2020 16:25

Instrument :

BNA_F

ClientSampleId :

PB128891TB

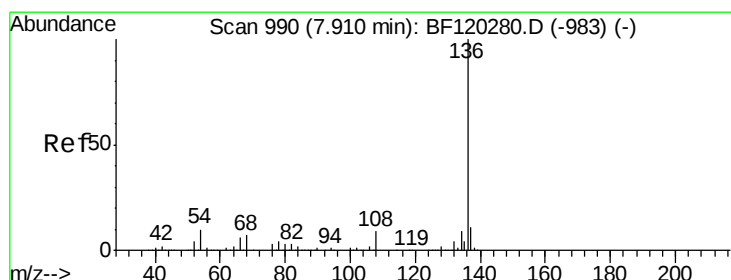
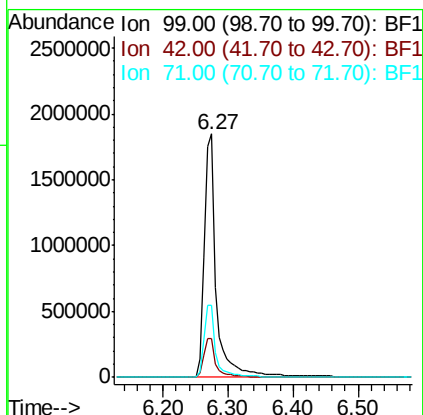
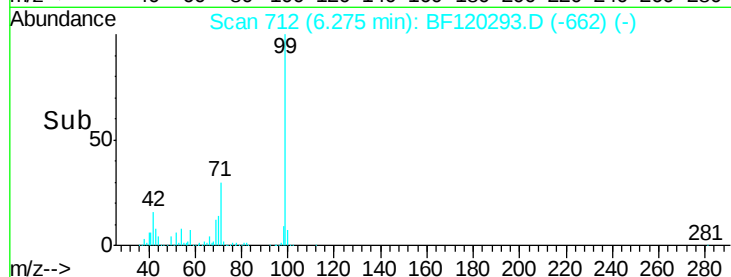
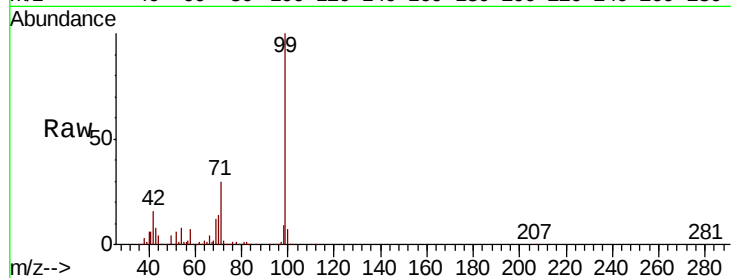
Tot Ion: 99 Resp: 2396279

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

71 29.7 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: BF120293.D

Acq: 14 May 2020 16:25

Tgt Ion: 136 Resp: 1454785

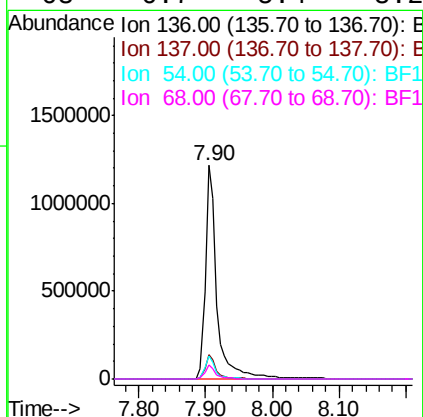
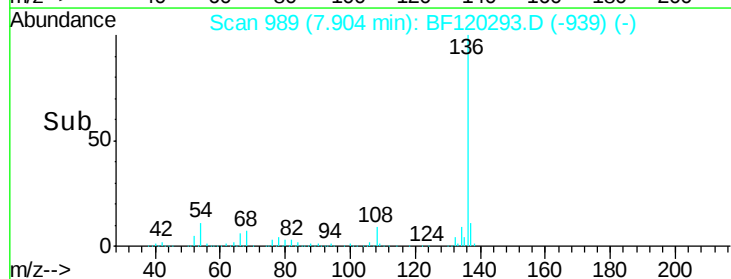
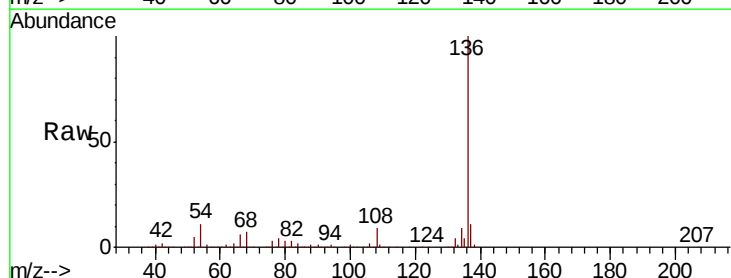
Ion Ratio Lower Upper

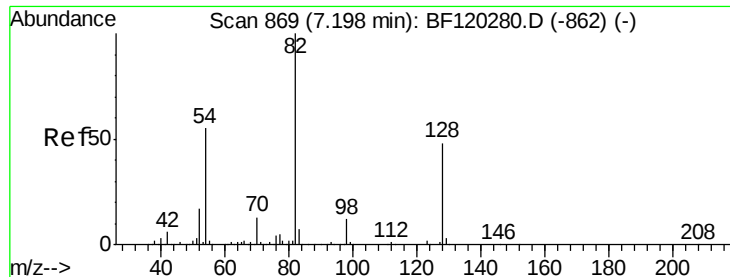
136 100

137 11.5 9.1 13.7

54 10.6 7.9 11.9

68 6.7 5.4 8.2

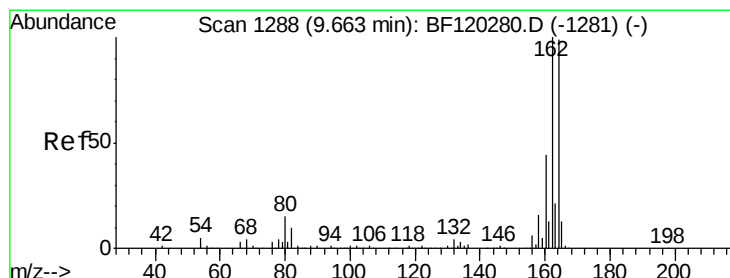
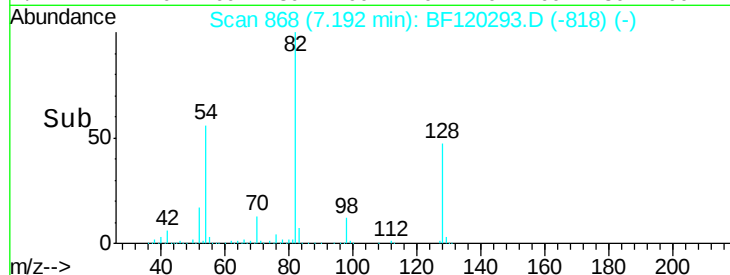
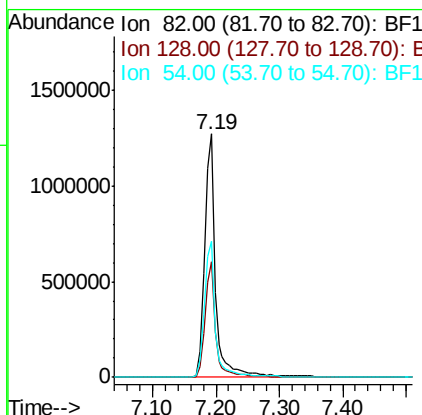
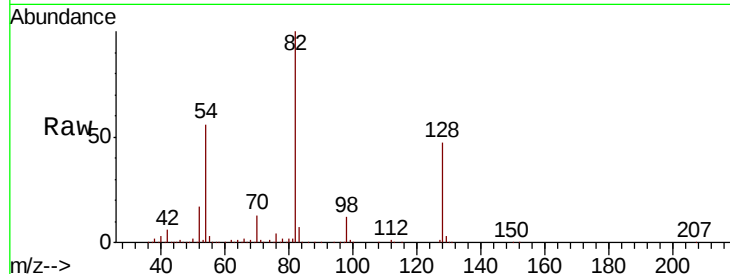




#23
 Nitrobenzene-d5
 Concen: 71.237 ng
 RT: 7.19 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF120293.D
 Acq: 14 May 2020 16:25

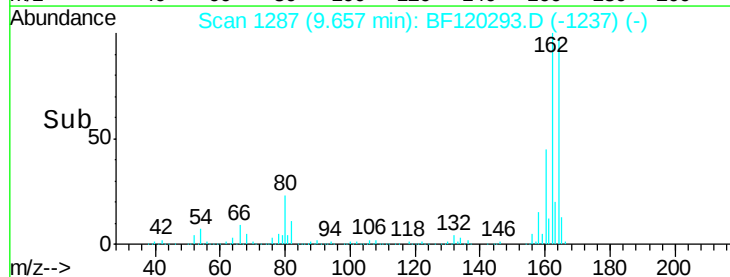
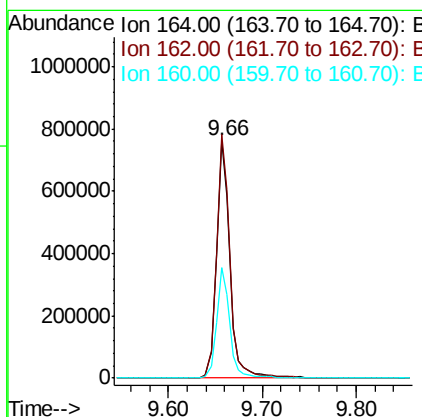
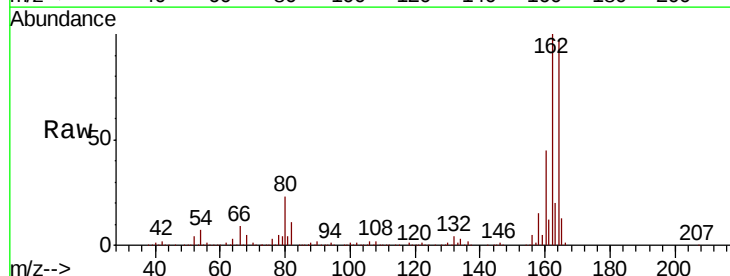
Instrument :
 BNA_F
 ClientSampleId :
 PB128891TB

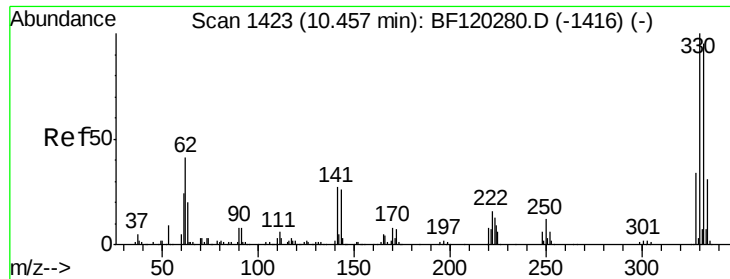
Tot Ion: 82 Resp: 1513647
 Ion Ratio Lower Upper
 82 100
 128 47.3 38.3 57.5
 54 56.1 43.9 65.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF120293.D
 Acq: 14 May 2020 16:25

Tgt Ion: 164 Resp: 772214
 Ion Ratio Lower Upper
 164 100
 162 102.6 81.2 121.8
 160 46.6 35.8 53.6

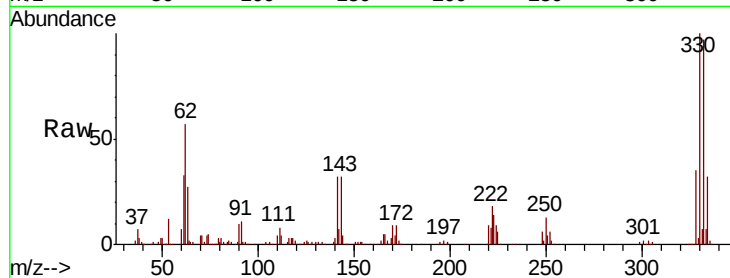




#42
 2,4,6-Tribromophenol
 Concen: 104.725 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF120293.D
 Acq: 14 May 2020 16:25

Instrument :
 BNA_F
 ClientSampleId :
 PB128891TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.5	114.7
141	32.5	25.4	38.0

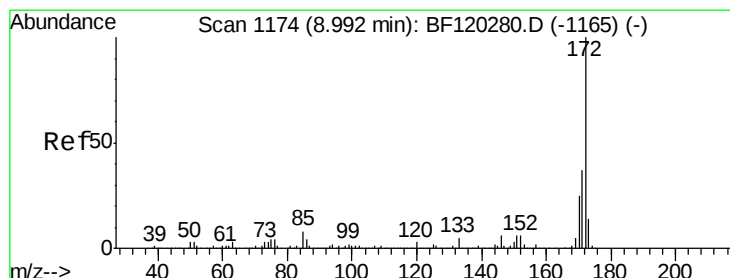
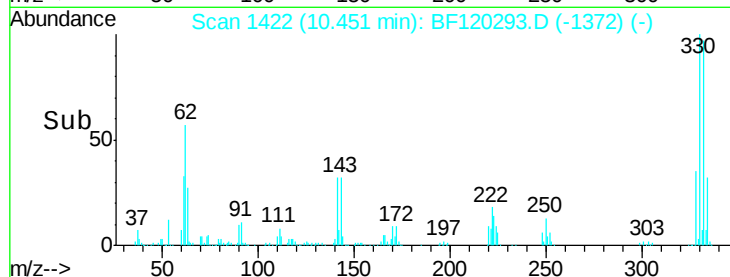
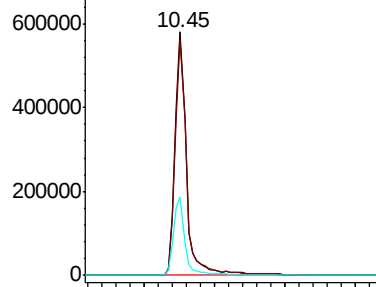


Abundance

Ion 329.80 (329.50 to 330.50): E

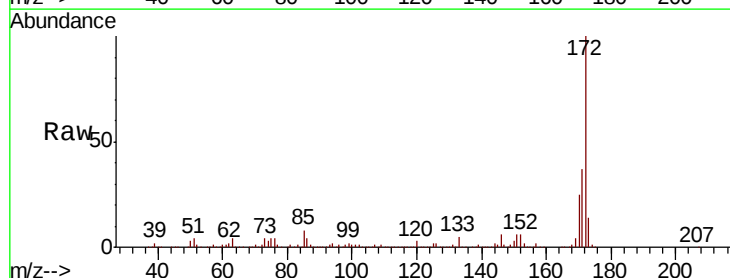
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.245 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF120293.D
 Acq: 14 May 2020 16:25

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

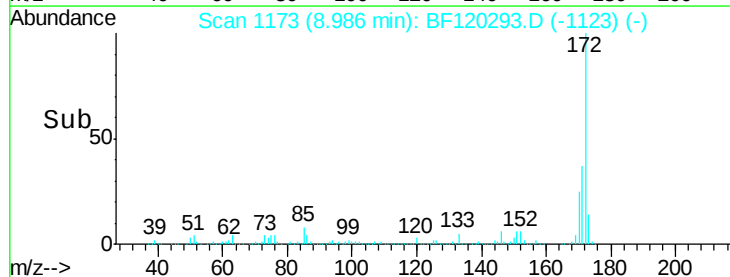
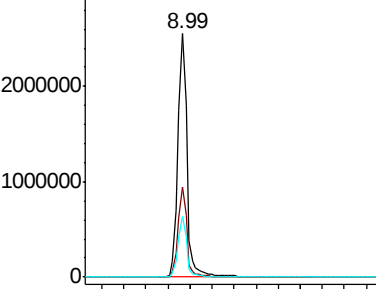


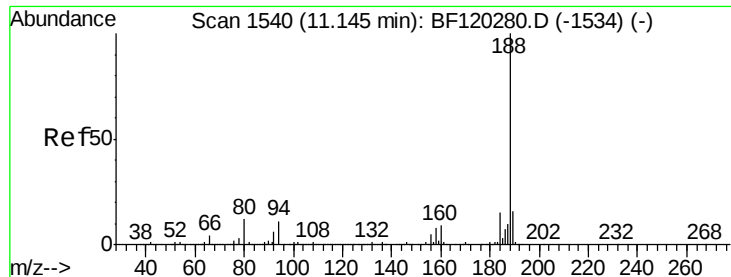
Abundance

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

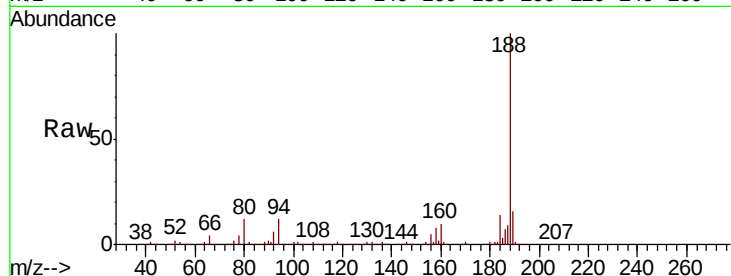




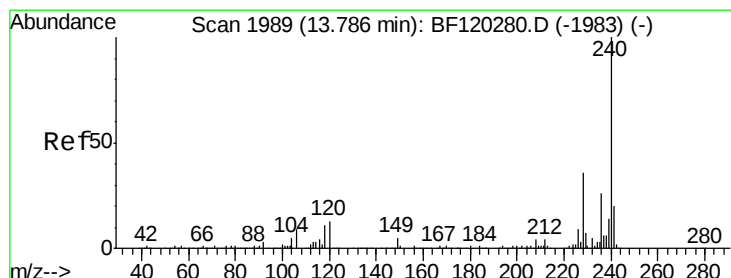
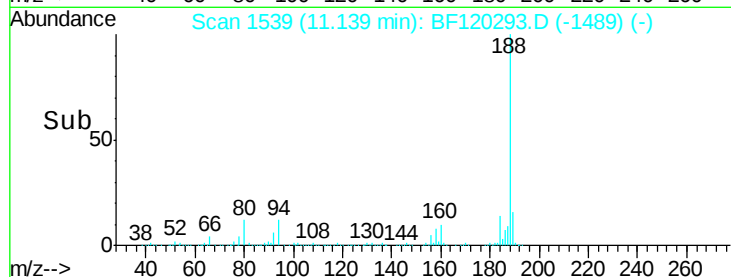
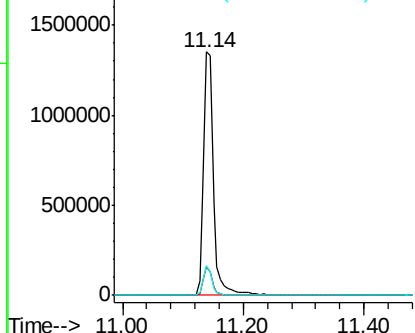
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF120293.D
Acq: 14 May 2020 16:25

Instrument :
BNA_F
ClientSampleId :
PB128891TB

Tot Ion:188 Resp: 1540560
Ion Ratio Lower Upper
188 100
94 11.8 8.6 13.0
80 12.2 9.2 13.8

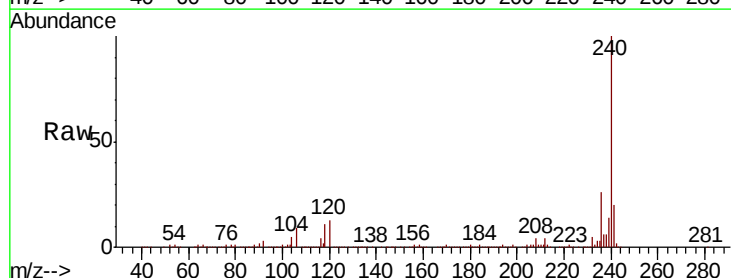


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

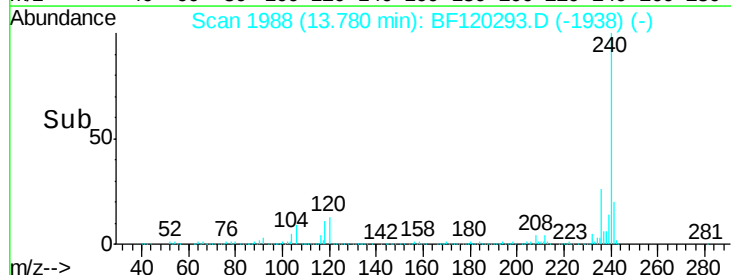
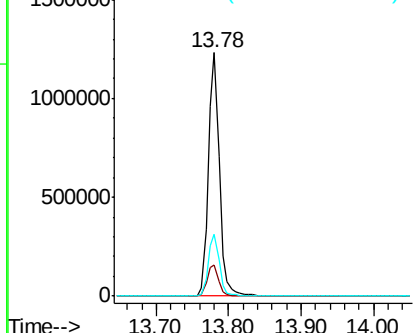


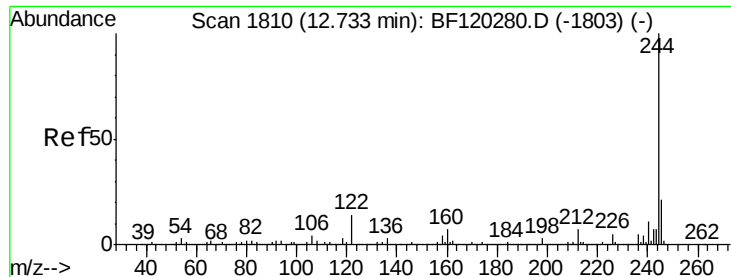
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF120293.D
Acq: 14 May 2020 16:25

Tgt Ion:240 Resp: 1301872
Ion Ratio Lower Upper
240 100
120 13.0 10.4 15.6
236 25.6 21.0 31.6



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: 59.244 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF120293.D

Acq: 14 May 2020 16:25

Instrument :

BNA_F

ClientSampleId :

PB128891TB

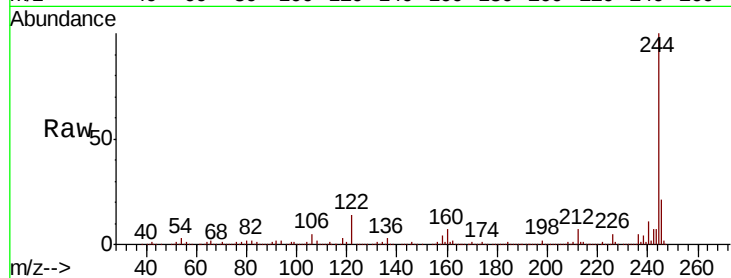
Tot Ion:244 Resp: 3491221

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

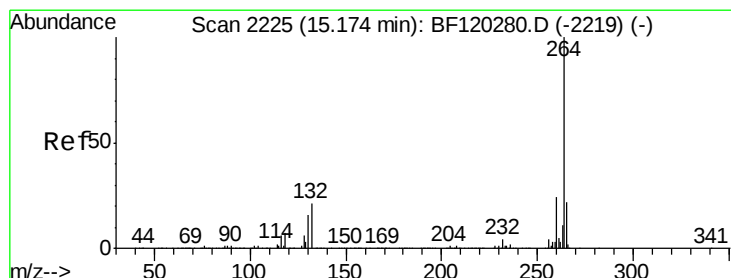
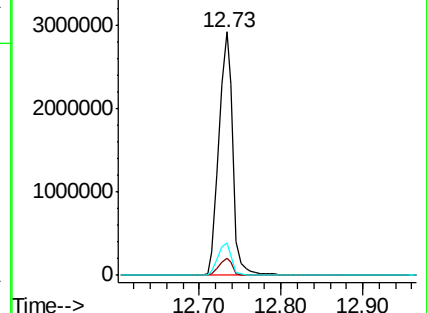
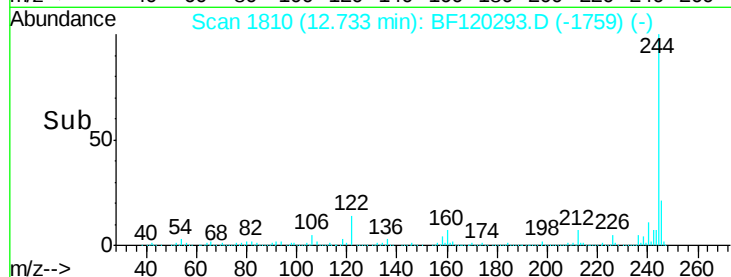
122 13.5 10.8 16.2



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: BF120293.D

Acq: 14 May 2020 16:25

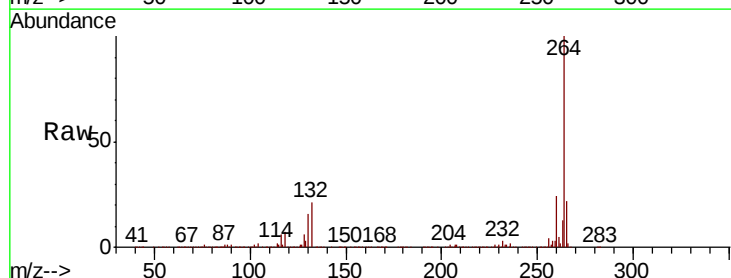
Tgt Ion:264 Resp: 1105269

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.6 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

