

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120288.D
 Acq On : 14 May 2020 14:10
 Operator : MA/SJ
 Sample : PB128845BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128845BL

Quant Time: May 14 14:42:23 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	353017	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1452758	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	754465	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	1517443	20.00	ng	0.00
76) Chrysene-d12	13.78	240	1272077	20.00	ng	0.00
87) Perylene-d12	15.17	264	1097913	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	2285927	125.99	ng	0.00
7) Phenol-d6	6.27	99	3004965	130.97	ng	0.00
23) Nitrobenzene-d5	7.19	82	1897303	89.42	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	810885	131.82	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	3437964	93.62	ng	0.00
79) Terphenyl-d14	12.74	244	3848510	66.84	ng	0.00

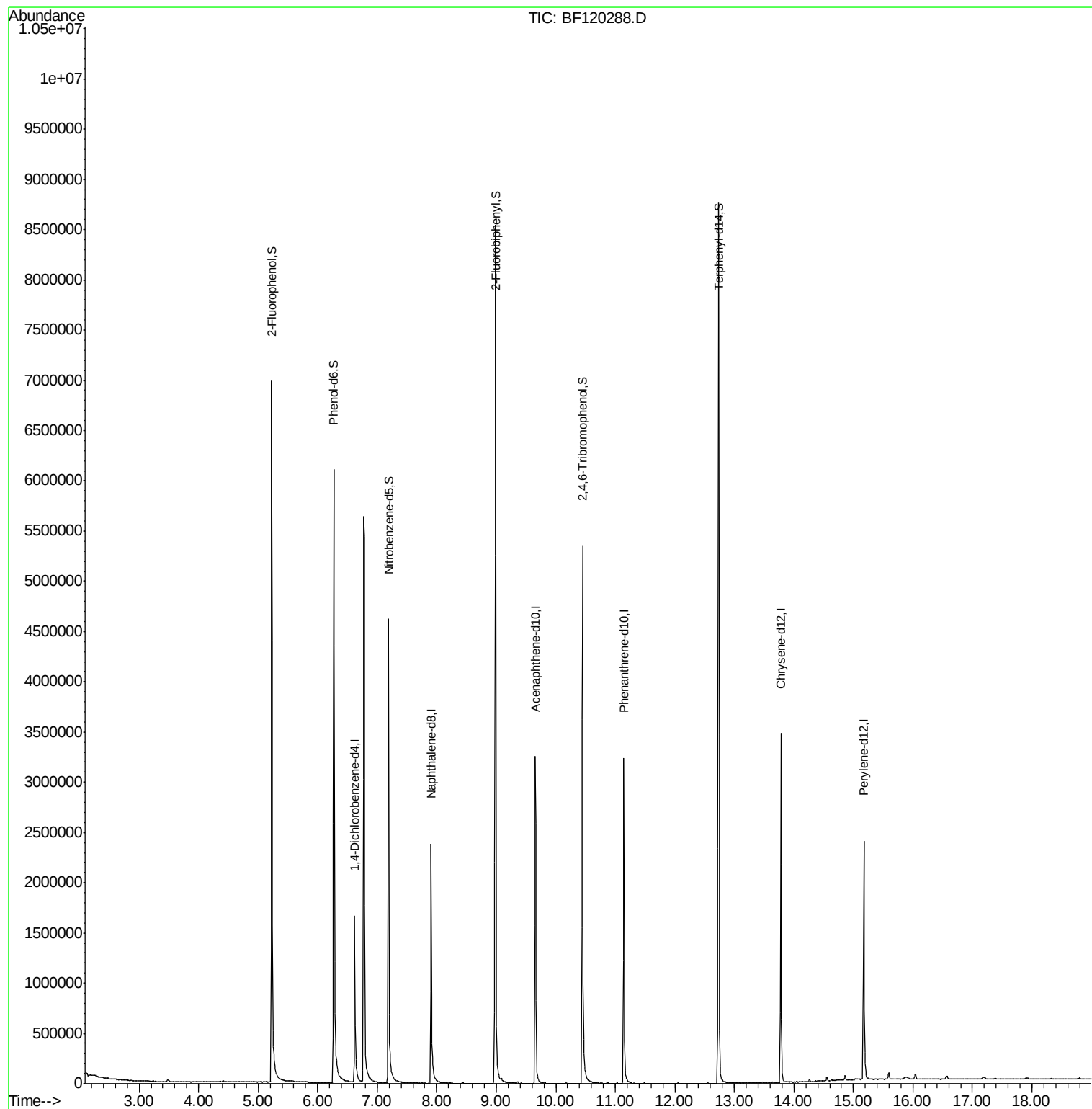
Target Compounds Qvalue

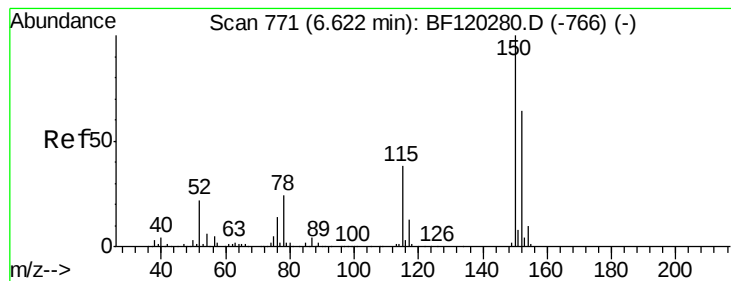
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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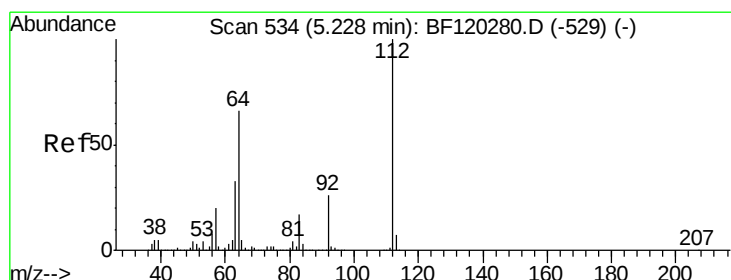
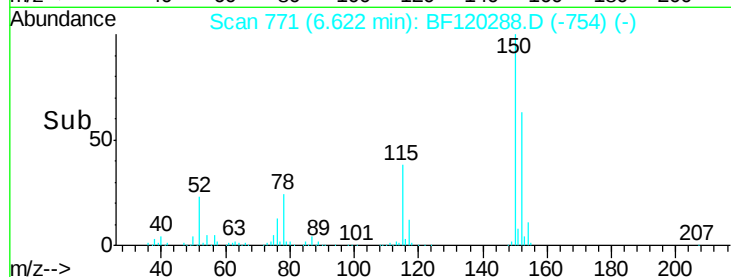
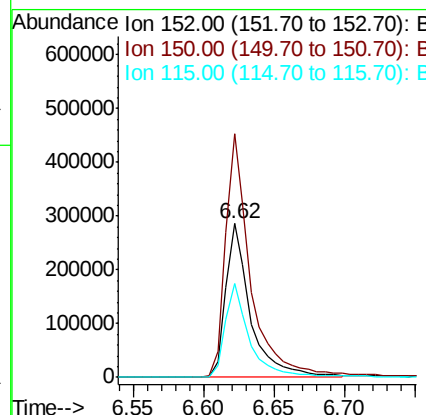
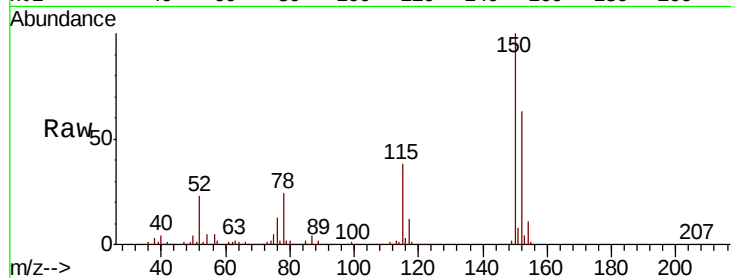


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF120288.D
Acq: 14 May 2020 14:10

Instrument :
BNA_F
ClientSampleId :
PB128845BL

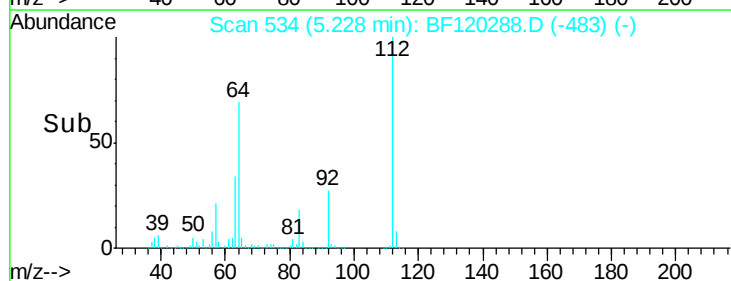
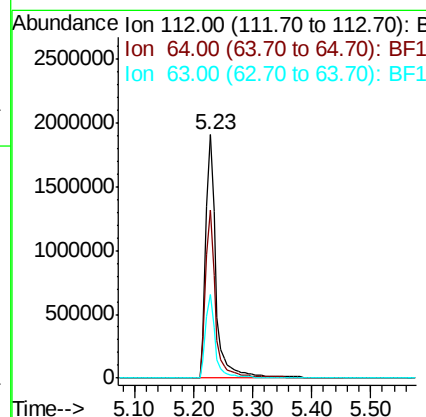
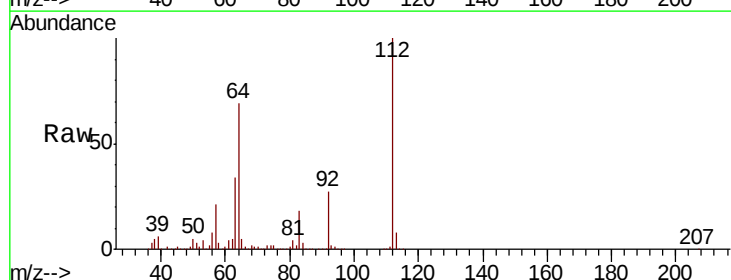
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.2	189.2
115	60.9	47.9	71.9

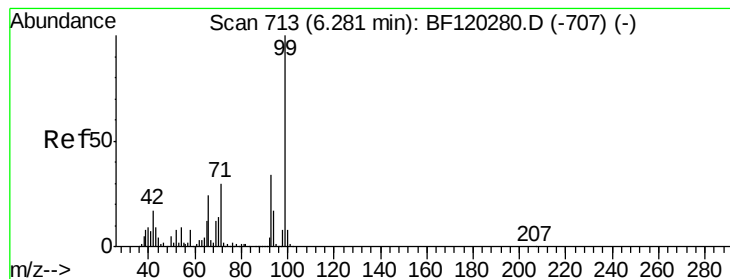


#5

2-Fluorophenol
Concen: 125.992 ng
RT: 5.23 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF120288.D
Acq: 14 May 2020 14:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	52.7	79.1
63	34.3	26.2	39.4





#7

Phenol-d6

Concen: 130.970 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF120288.D

Acq: 14 May 2020 14:10

Instrument :

BNA_F

ClientSampleId :

PB128845BL

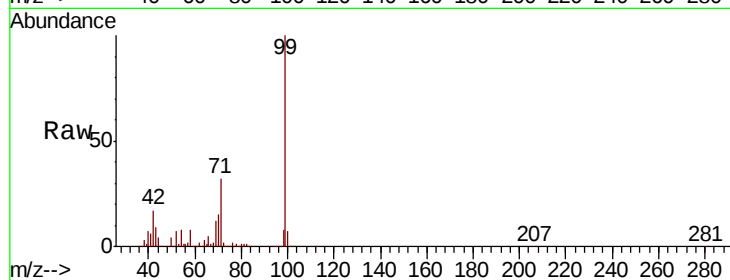
Tot Ion: 99 Resp: 3004965

Ion Ratio Lower Upper

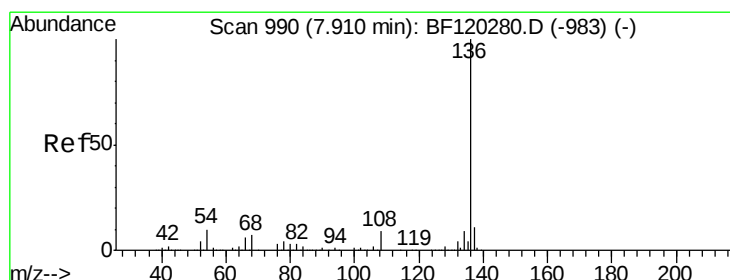
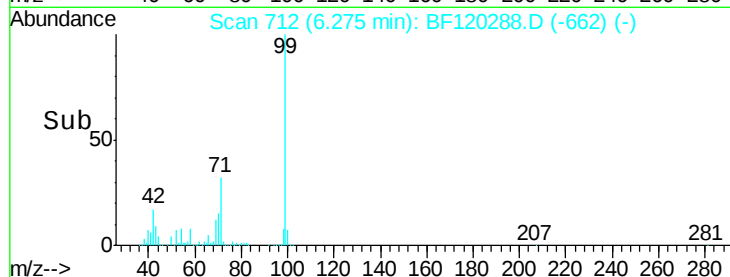
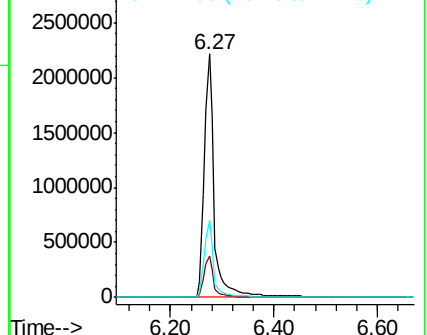
99 100

42 17.1 13.6 20.4

71 31.9 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
3000000
Ion 42.00 (41.70 to 42.70): BF1
2500000
Ion 71.00 (70.70 to 71.70): BF1
2000000
1500000
1000000
500000
0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF120288.D

Acq: 14 May 2020 14:10

Tgt Ion: 136 Resp: 1452758

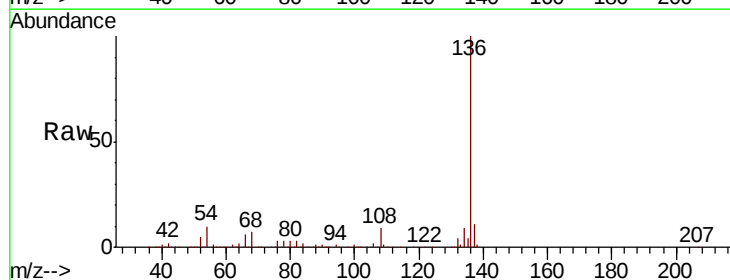
Ion Ratio Lower Upper

136 100

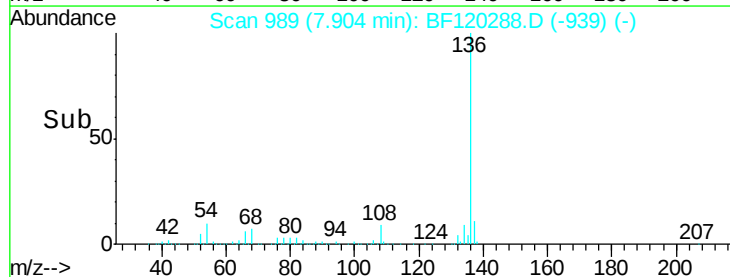
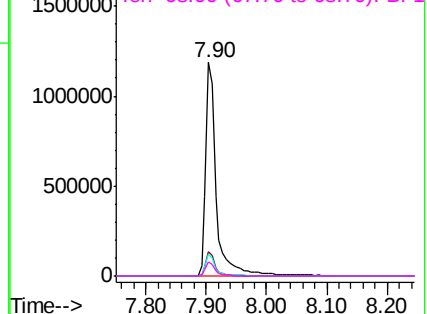
137 11.1 9.1 13.7

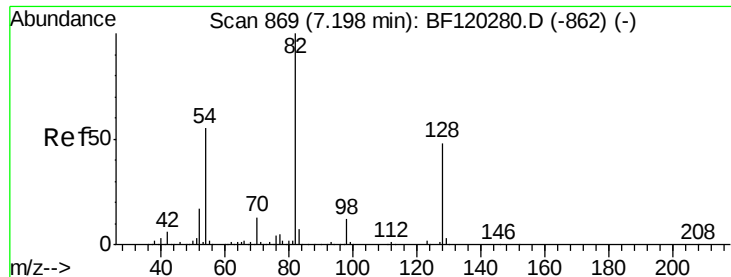
54 10.4 7.9 11.9

68 6.6 5.4 8.2



Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
500000
Ion 68.00 (67.70 to 68.70): BF1
0

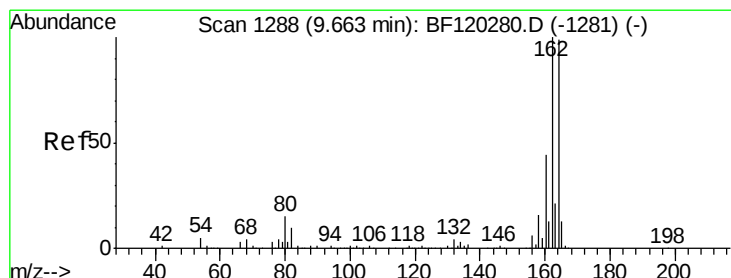
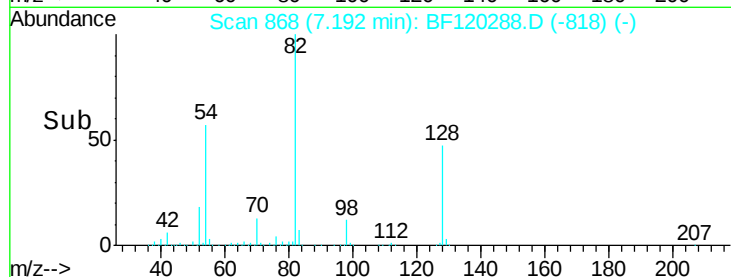
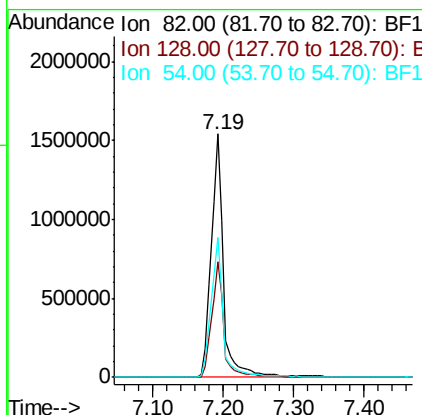
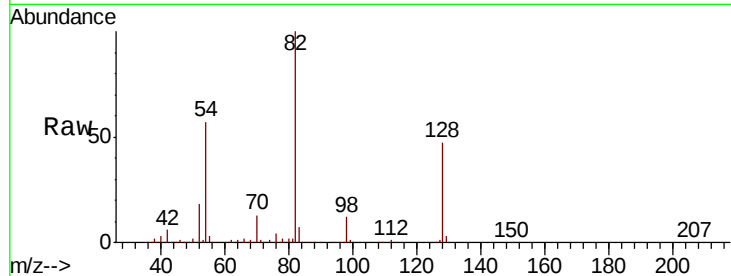




#23
Nitrobenzene-d5
Concen: 89.417 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF120288.D
Acq: 14 May 2020 14:10

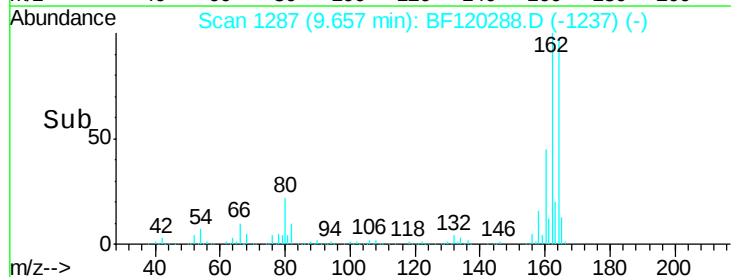
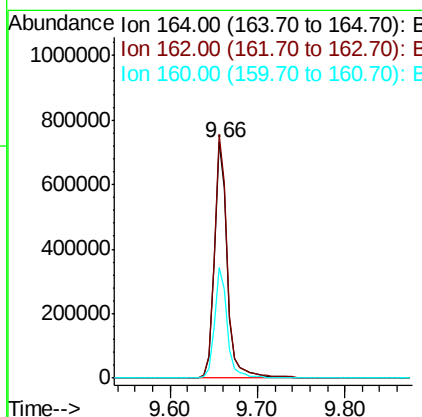
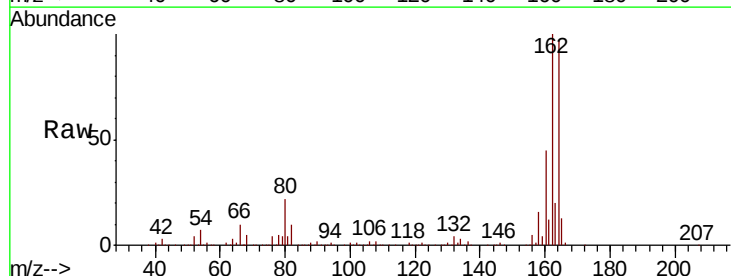
Instrument :
BNA_F
ClientSampleId :
PB128845BL

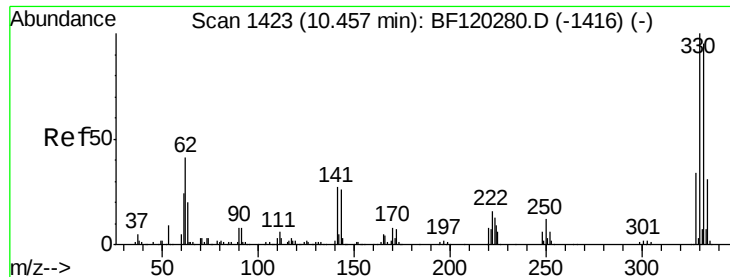
Tot Ion: 82 Resp: 1897303
Ion Ratio Lower Upper
82 100
128 47.5 38.3 57.5
54 57.3 43.9 65.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF120288.D
Acq: 14 May 2020 14:10

Tgt Ion:164 Resp: 754465
Ion Ratio Lower Upper
164 100
162 103.3 81.2 121.8
160 46.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 131.819 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF120288.D

Acq: 14 May 2020 14:10

Instrument :

BNA_F

ClientSampleId :

PB128845BL

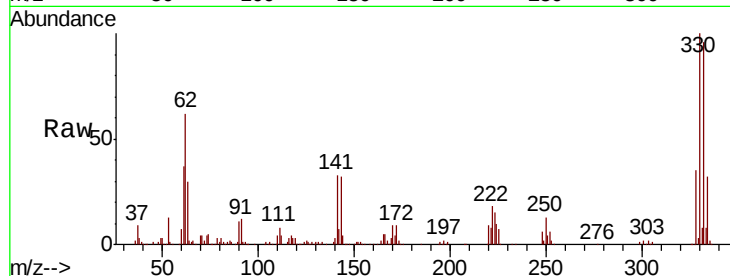
Tot Ion:330 Resp: 810885

Ion Ratio Lower Upper

330 100

332 96.5 76.5 114.7

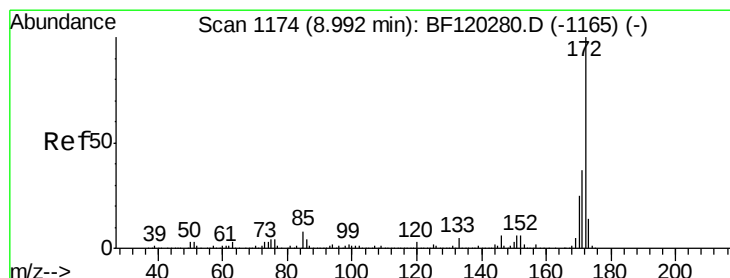
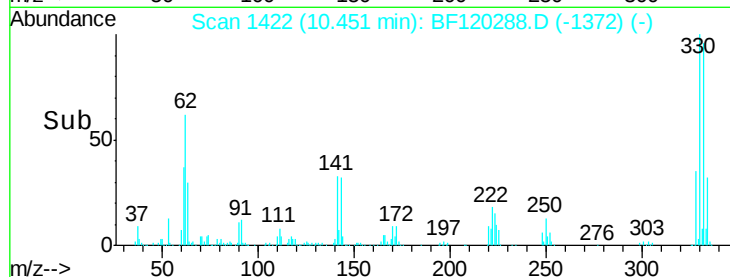
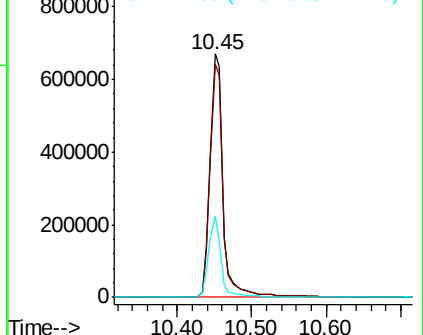
141 32.0 25.4 38.0



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: 93.619 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF120288.D

Acq: 14 May 2020 14:10

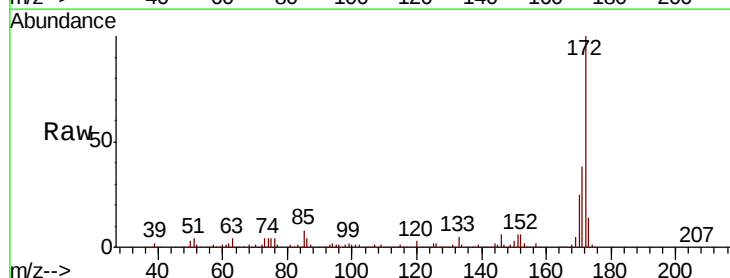
Tgt Ion:172 Resp: 3437964

Ion Ratio Lower Upper

172 100

171 37.7 29.7 44.5

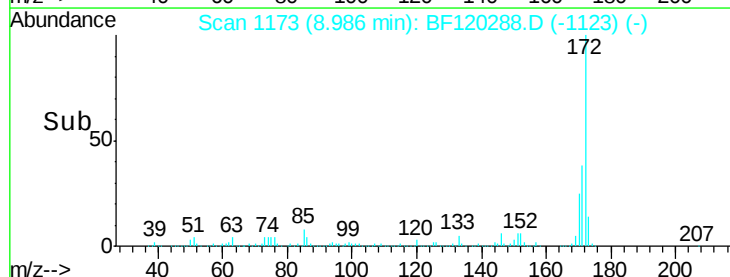
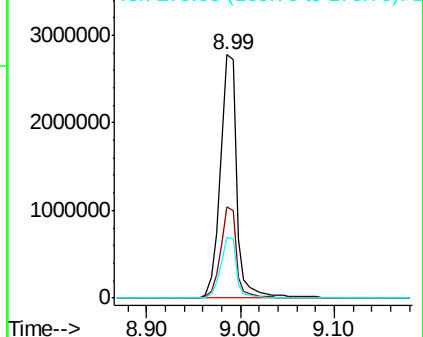
170 25.1 19.9 29.9

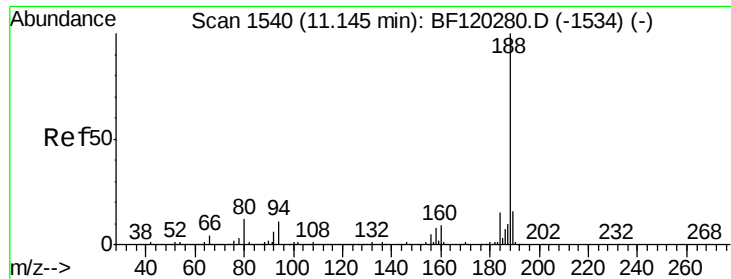


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

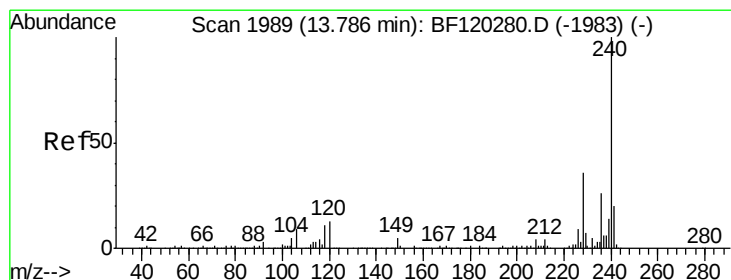
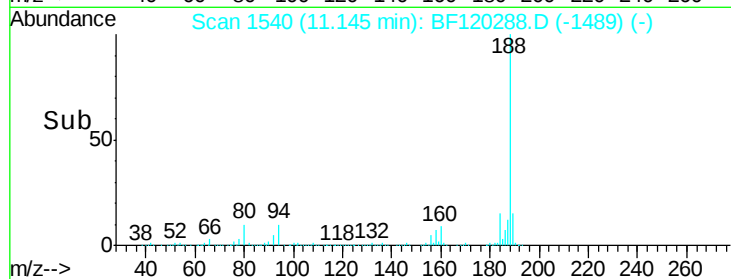
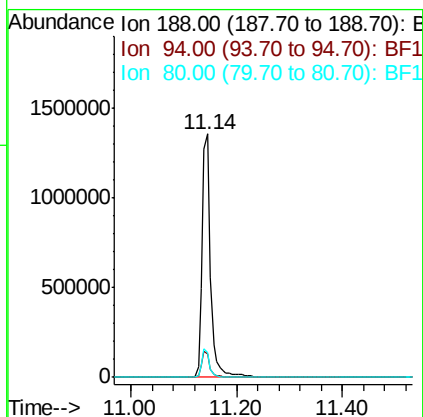
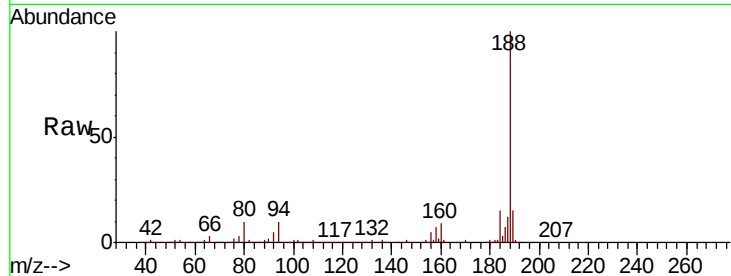




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BF120288.D
Acq: 14 May 2020 14:10

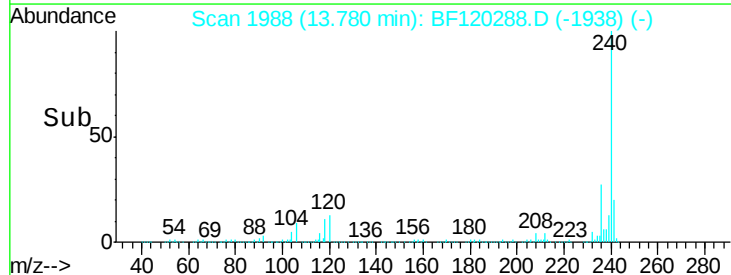
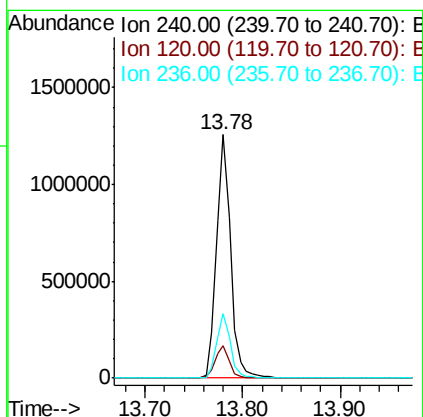
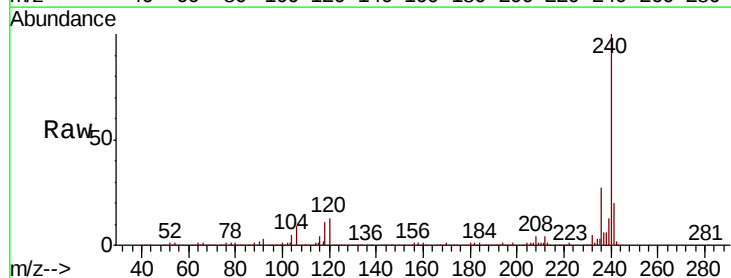
Instrument :
BNA_F
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PB128845BL

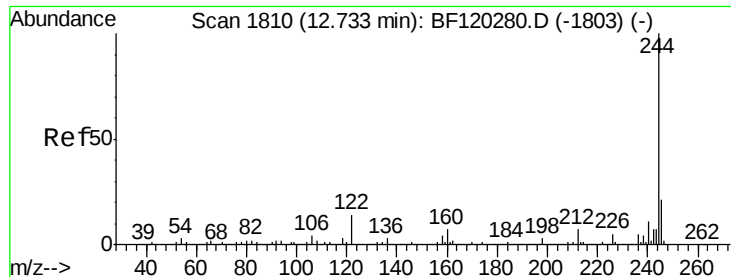
Tot Ion:188 Resp: 1517443
Ion Ratio Lower Upper
188 100
94 9.8 8.6 13.0
80 10.0 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF120288.D
Acq: 14 May 2020 14:10

Tgt Ion:240 Resp: 1272077
Ion Ratio Lower Upper
240 100
120 13.2 10.4 15.6
236 26.6 21.0 31.6





#79

Terphenyl-d14

Concen: 66.837 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF120288.D

Acq: 14 May 2020 14:10

Instrument :

BNA_F

ClientSampleId :

PB128845BL

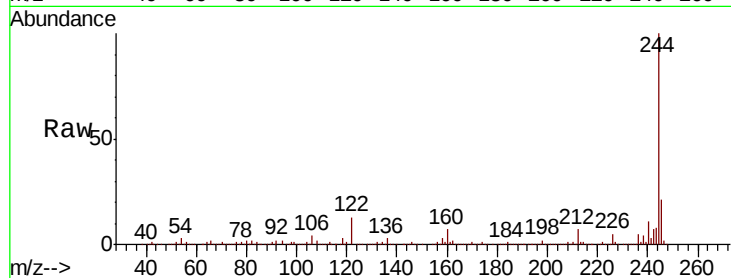
Tot Ion:244 Resp: 3848510

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

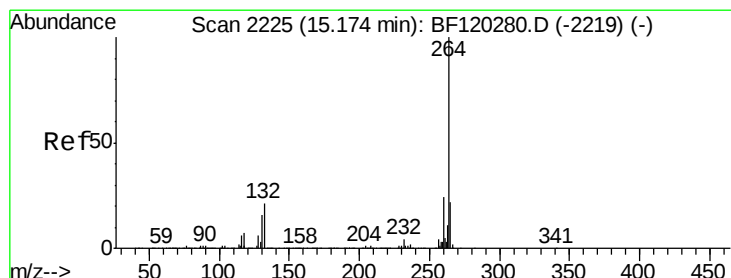
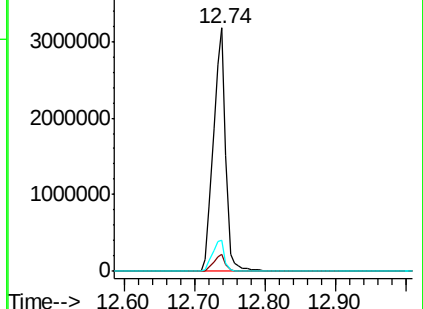
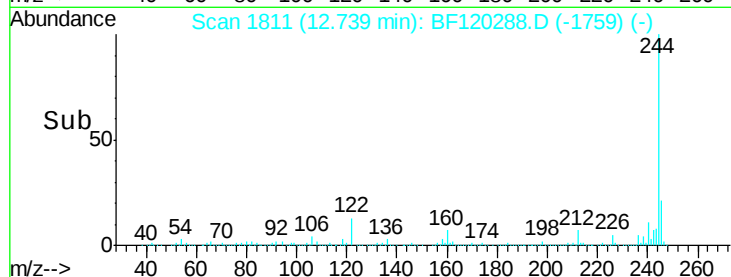
122 12.9 10.8 16.2



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: BF120288.D

Acq: 14 May 2020 14:10

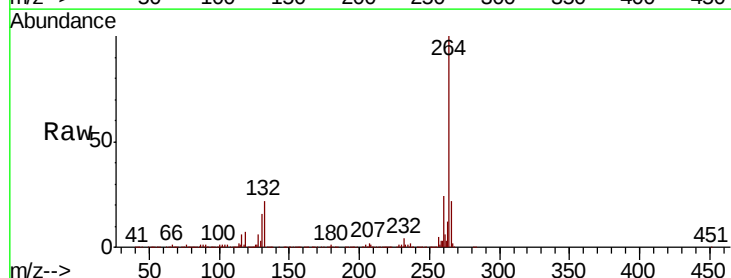
Tgt Ion:264 Resp: 1097913

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

265 22.4 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

