

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120296.D
 Acq On : 14 May 2020 17:48
 Operator : MA/SJ
 Sample : L2501-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320

Quant Time: May 14 18:25:57 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

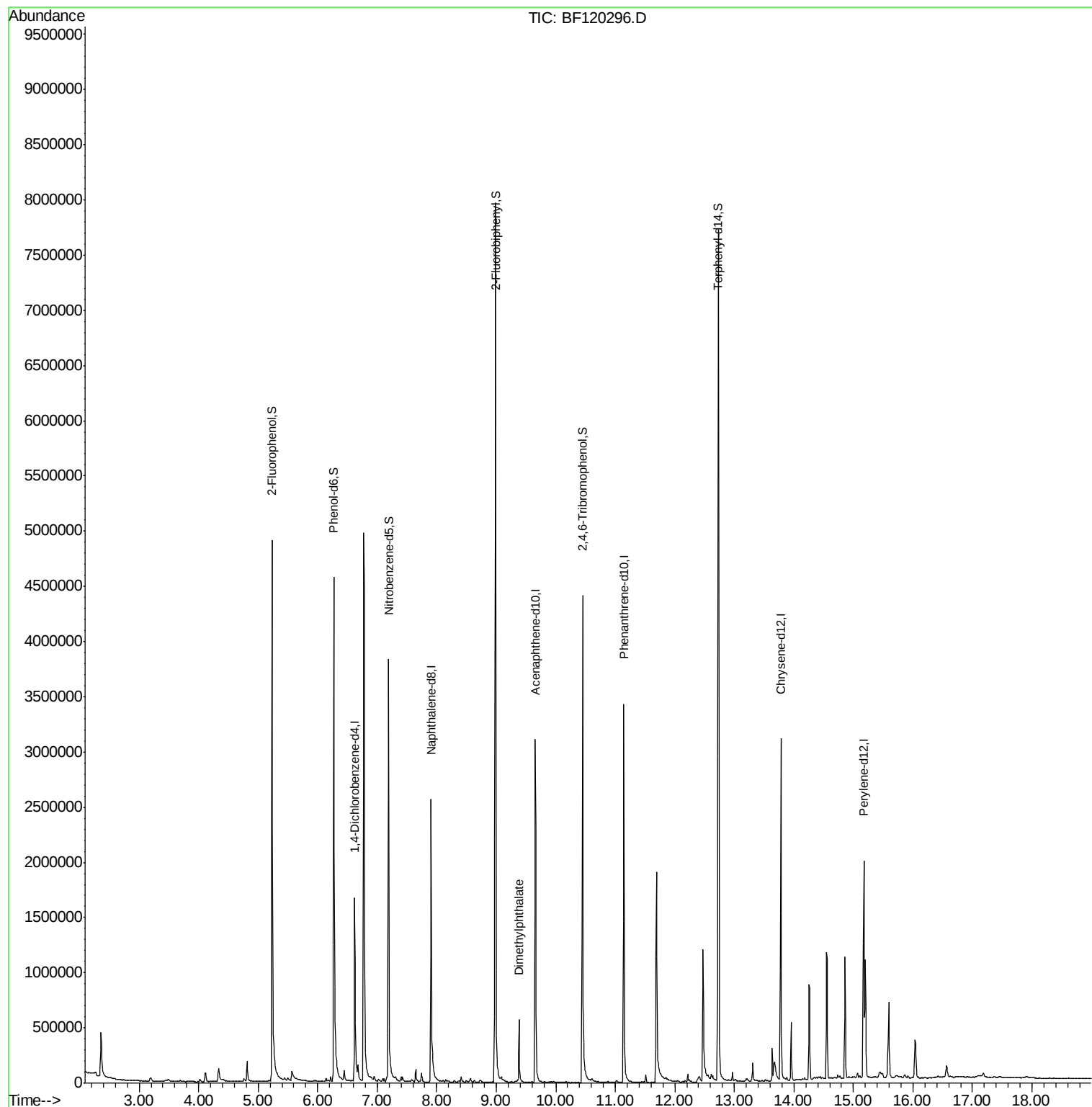
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	348673	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1451336	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	694147	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	1500418	20.00	ng	0.00
76) Chrysene-d12	13.78	240	1159109	20.00	ng	0.00
87) Perylene-d12	15.17	264	970149	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1810390	101.03	ng	0.00
7) Phenol-d6	6.27	99	1983394	87.52	ng	0.00
23) Nitrobenzene-d5	7.19	82	1476577	69.66	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	641761	113.39	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2983340	88.30	ng	0.00
79) Terphenyl-d14	12.73	244	3487996	66.48	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.38	163	251912	5.741	ng	99

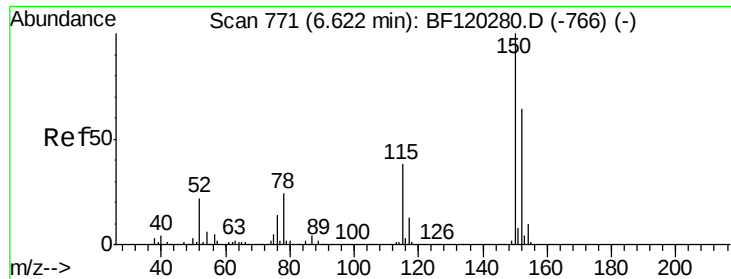
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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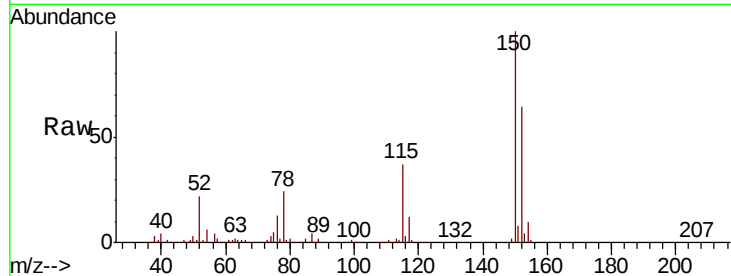


#1

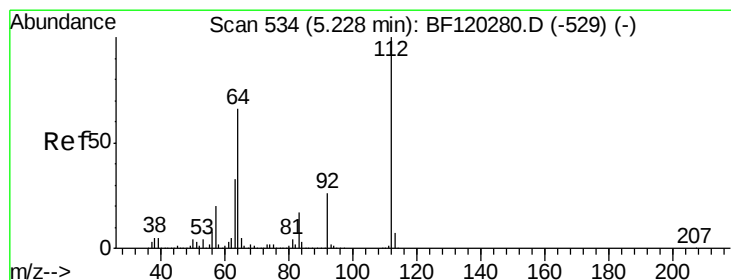
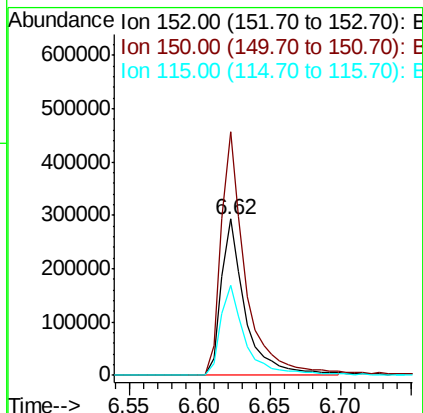
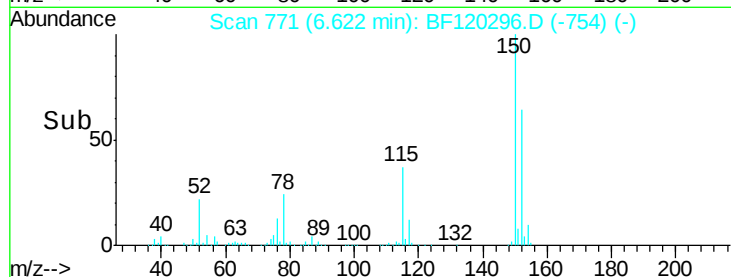
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF120296.D
Acq: 14 May 2020 17:48

Instrument :
BNA_F
ClientSampleId :
EO-01-051320

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	57.9	47.9	71.9



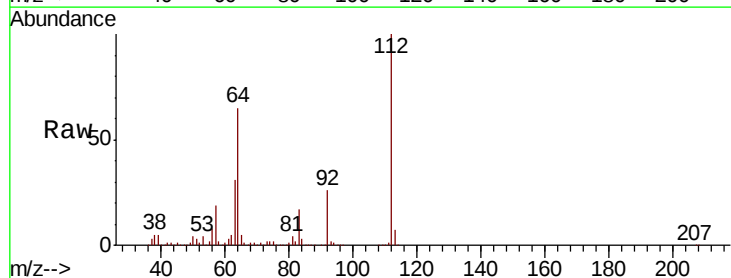
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



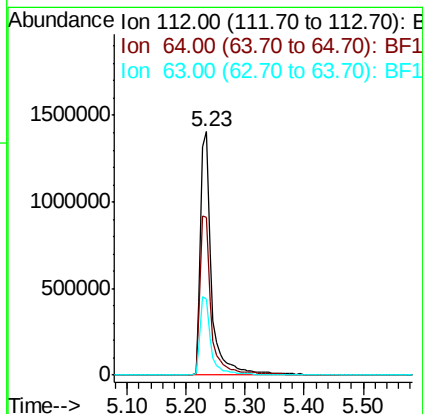
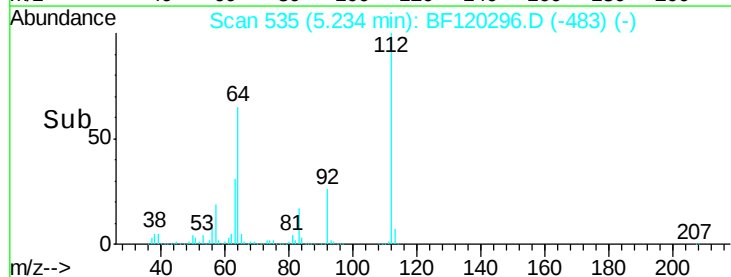
#5

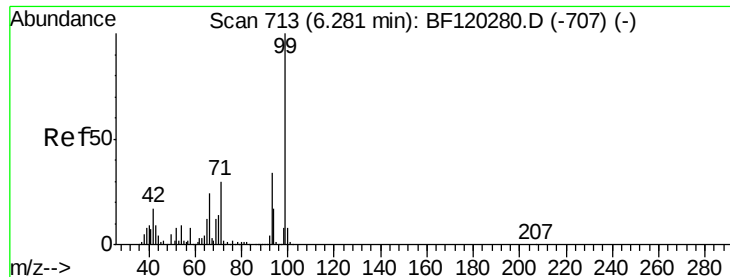
2-Fluorophenol
Concen: 101.025 ng
RT: 5.23 min Scan# 535
Delta R.T. 0.01 min
Lab File: BF120296.D
Acq: 14 May 2020 17:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	52.7	79.1
63	31.5	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: 87.522 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF120296.D

Acq: 14 May 2020 17:48

Instrument :

BNA_F

ClientSampleId :

EO-01-051320

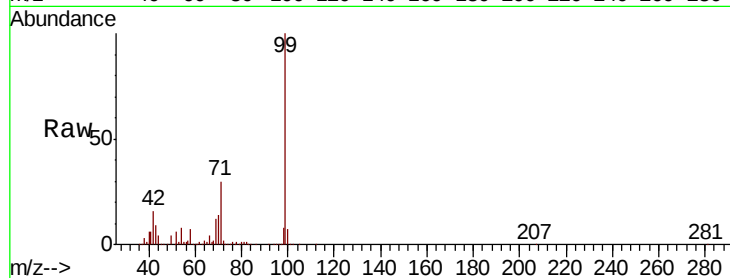
Tot Ion: 99 Resp: 1983394

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

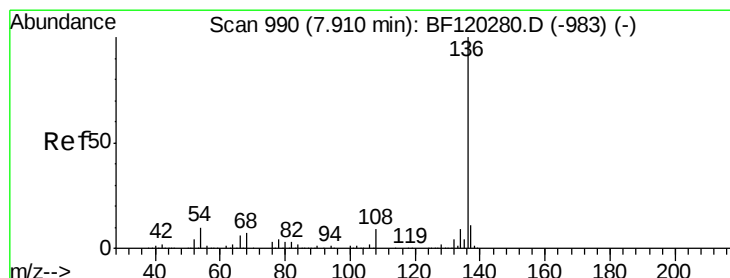
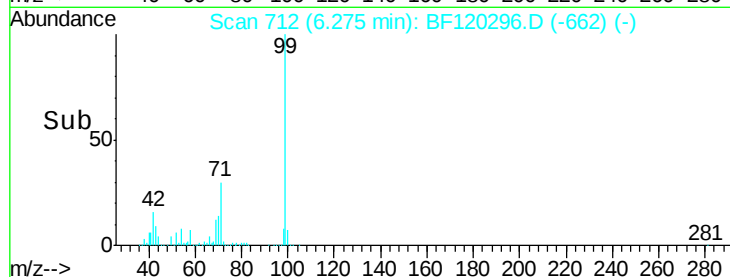
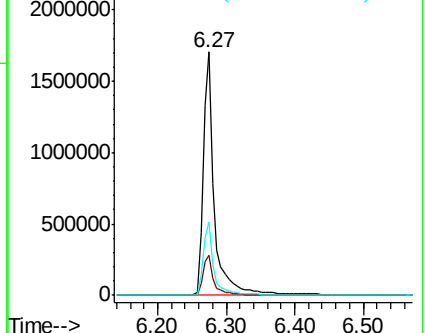
71 30.0 24.2 36.4



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: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF120296.D

Acq: 14 May 2020 17:48

Tgt Ion: 136 Resp: 1451336

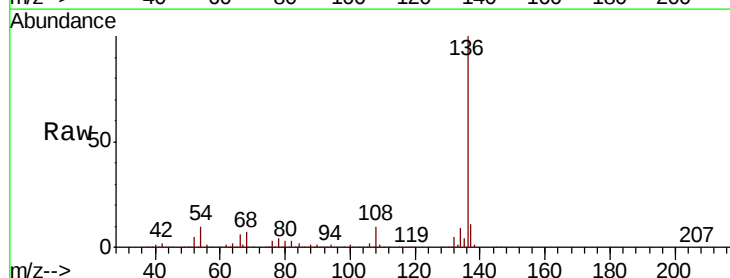
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.5 7.9 11.9

68 6.8 5.4 8.2

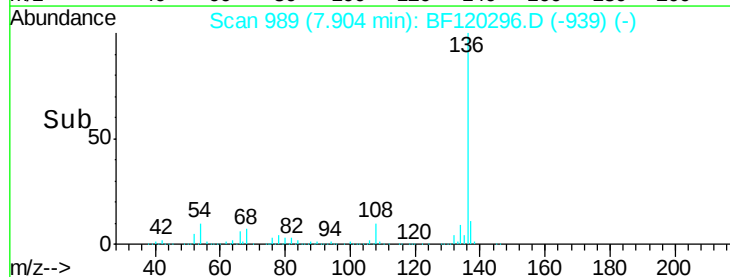
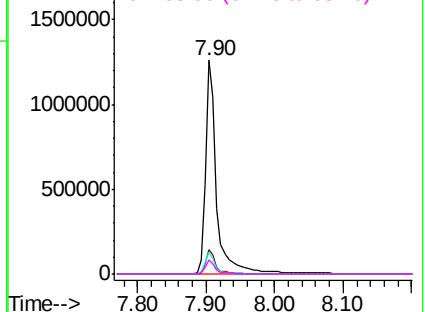


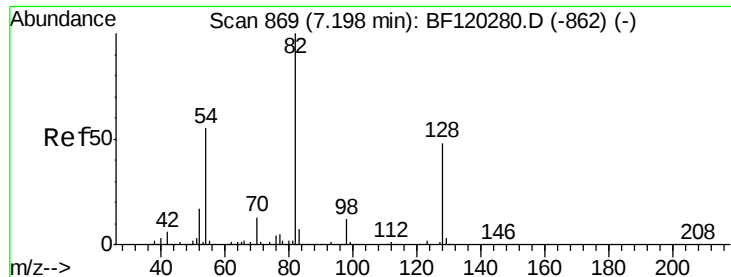
Abundance Ion 136.00 (135.70 to 136.70): E

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

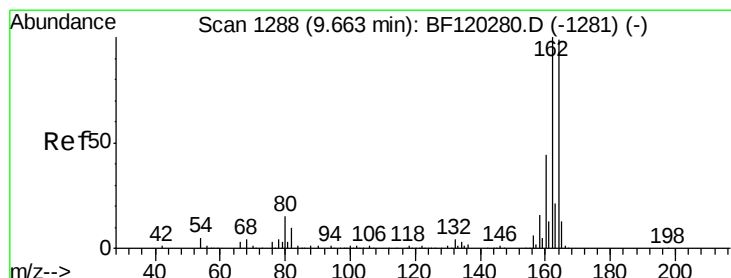
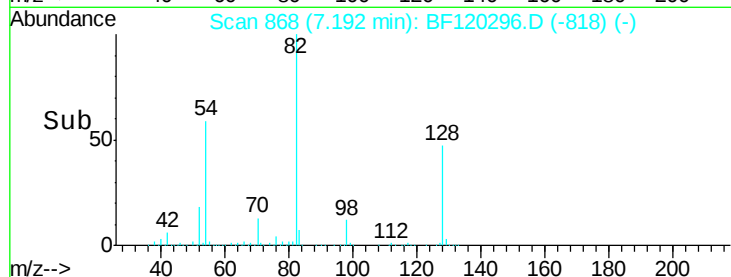
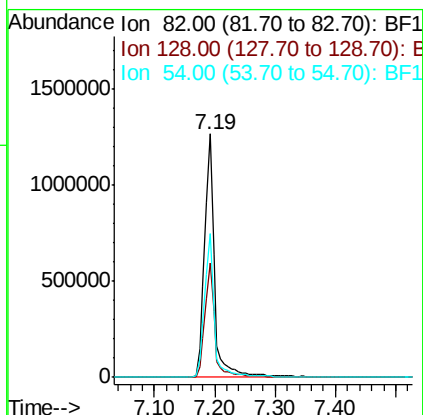
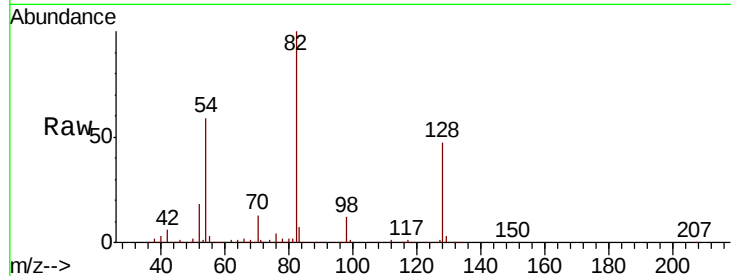




#23
Nitrobenzene-d5
Concen: 69.657 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF120296.D
Acq: 14 May 2020 17:48

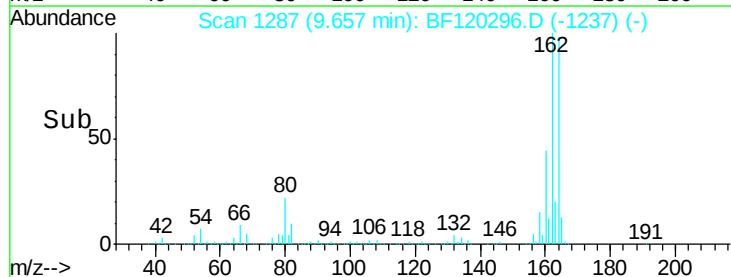
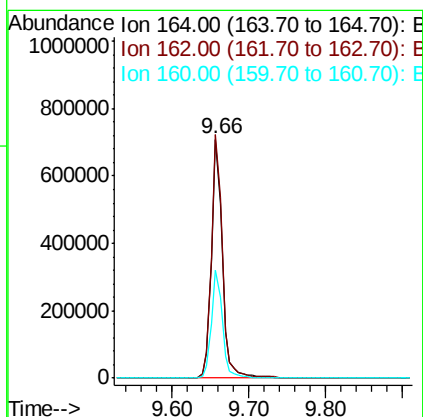
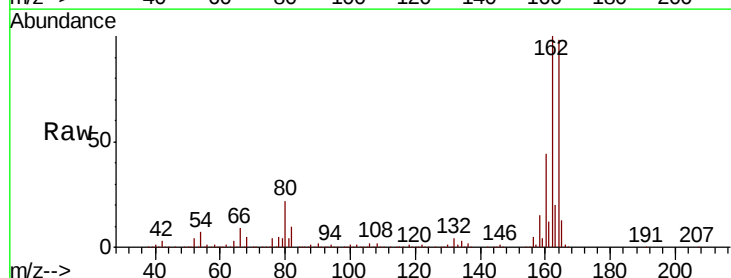
Instrument :
BNA_F
ClientSampleId :
EO-01-051320

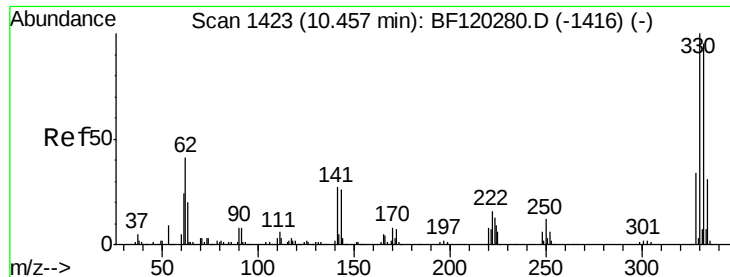
Tot Ion: 82 Resp: 1476577
Ion Ratio Lower Upper
82 100
128 47.1 38.3 57.5
54 59.0 43.9 65.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF120296.D
Acq: 14 May 2020 17:48

Tgt Ion:164 Resp: 694147
Ion Ratio Lower Upper
164 100
162 101.9 81.2 121.8
160 45.1 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 113.391 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF120296.D

Acq: 14 May 2020 17:48

Instrument :

BNA_F

ClientSampleId :

EO-01-051320

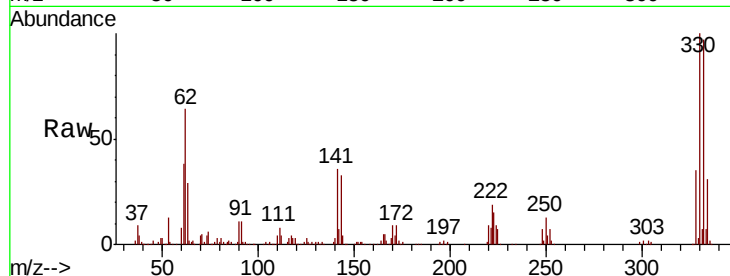
Tot Ion:330 Resp: 641761

Ion Ratio Lower Upper

330 100

332 95.9 76.5 114.7

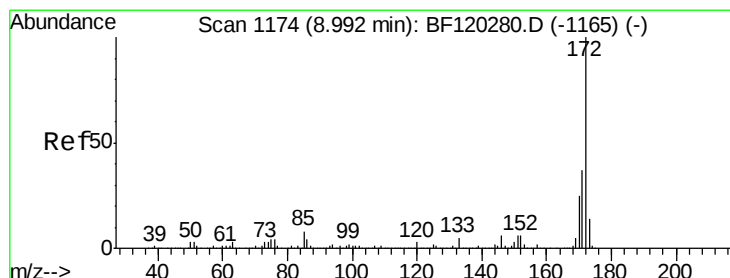
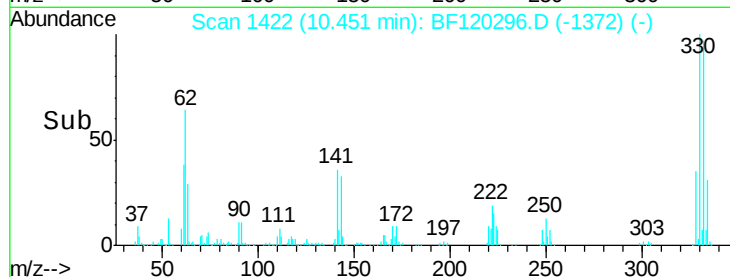
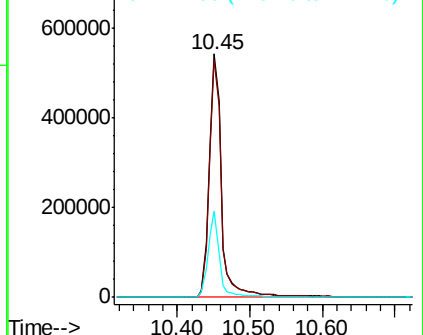
141 32.8 25.4 38.0



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: 88.298 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF120296.D

Acq: 14 May 2020 17:48

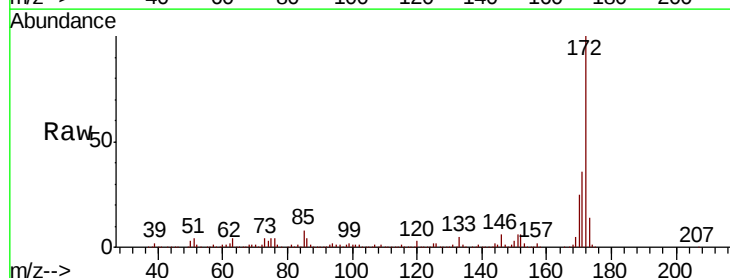
Tgt Ion:172 Resp: 2983340

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

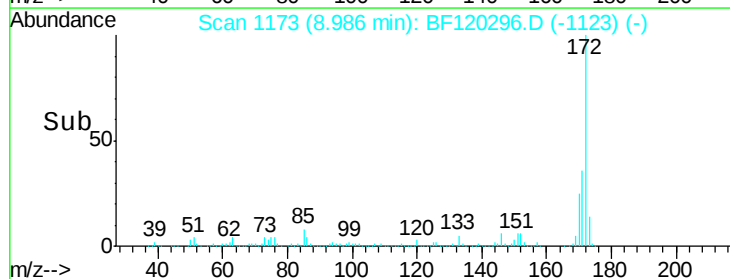
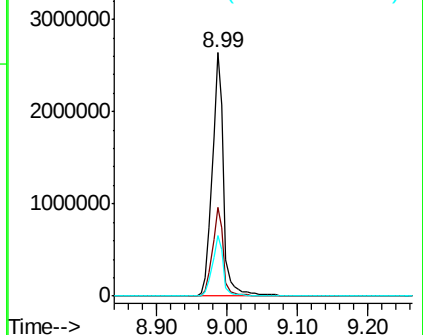
170 24.8 19.9 29.9

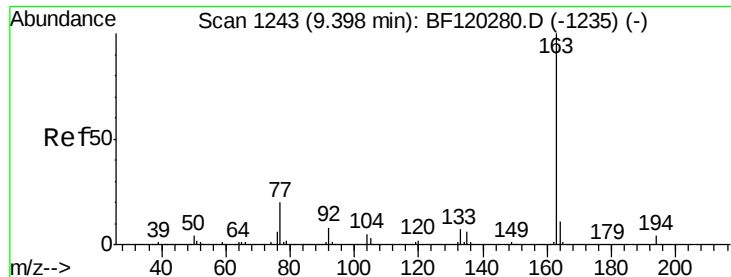


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.741 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BF120296.D

Acq: 14 May 2020 17:48

Instrument :

BNA_F

ClientSampleId :

EO-01-051320

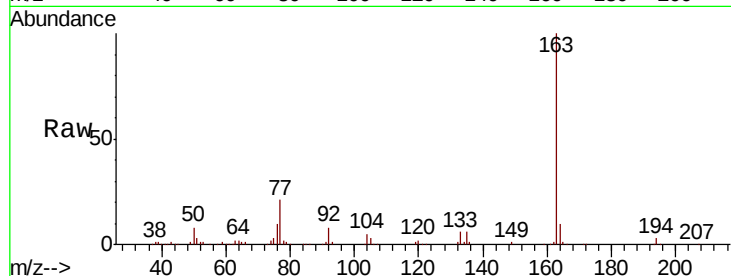
Tot Ion:163 Resp: 251912

Ion Ratio Lower Upper

163 100

194 3.4 3.1 4.7

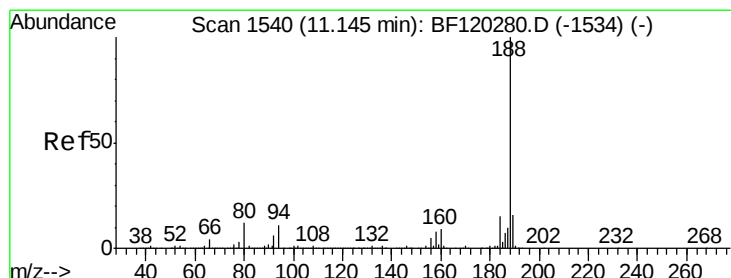
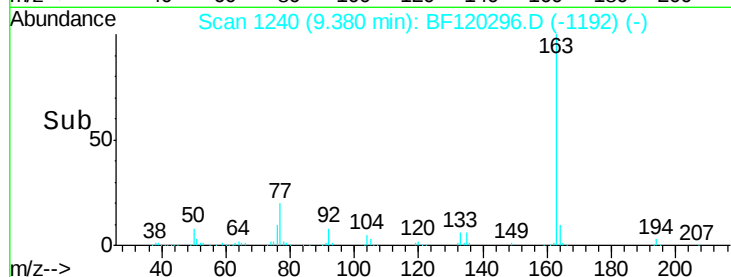
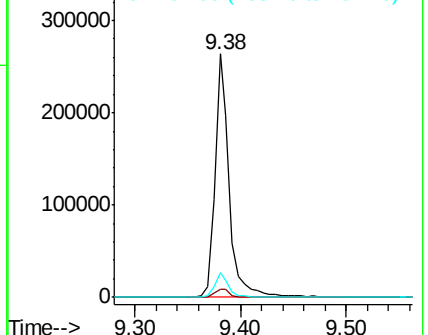
164 10.4 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.14 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BF120296.D

Acq: 14 May 2020 17:48

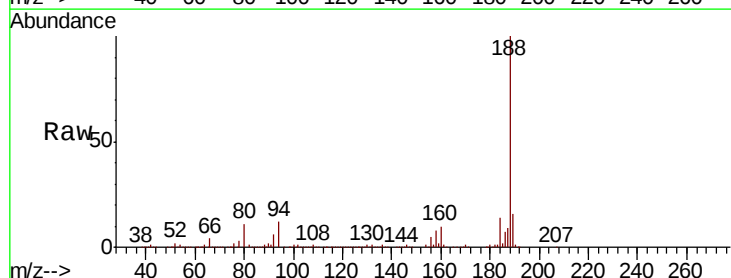
Tgt Ion:188 Resp: 1500418

Ion Ratio Lower Upper

188 100

94 11.7 8.6 13.0

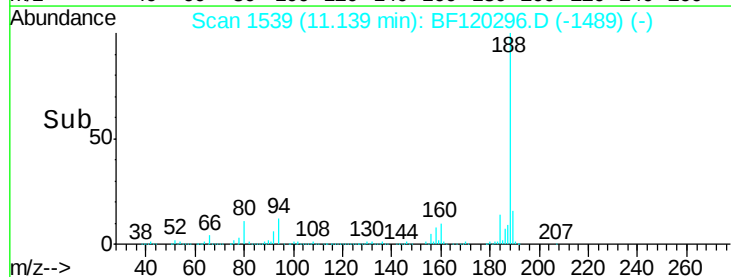
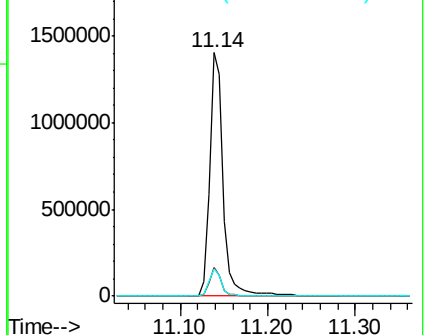
80 11.4 9.2 13.8

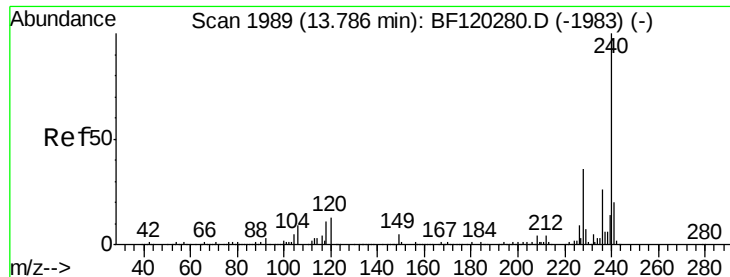


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF120296.D

Acq: 14 May 2020 17:48

Instrument :

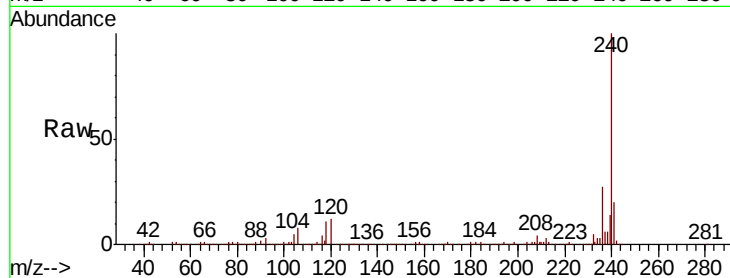
BNA_F

ClientSampleId :

EO-01-051320

Tot Ion:240 Resp: 1159109

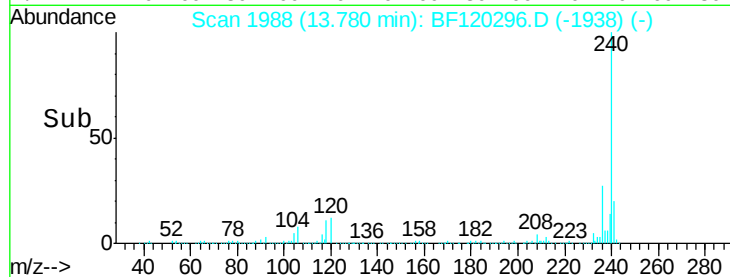
Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.4	15.6
236	27.1	21.0	31.6



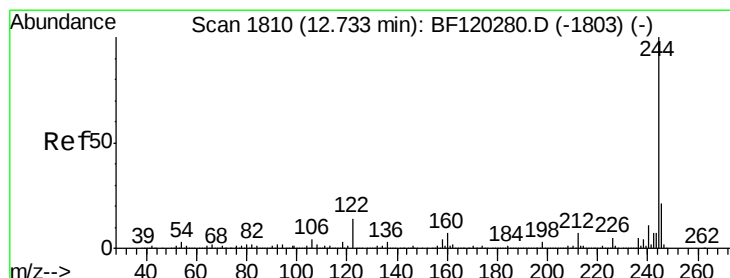
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.70 13.80 13.90



#79

Terphenyl-d14

Concen: 66.480 ng

RT: 12.73 min Scan# 1810

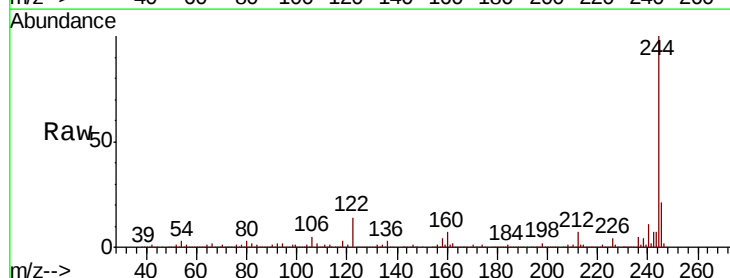
Delta R.T. -0.00 min

Lab File: BF120296.D

Acq: 14 May 2020 17:48

Tgt Ion:244 Resp: 3487996

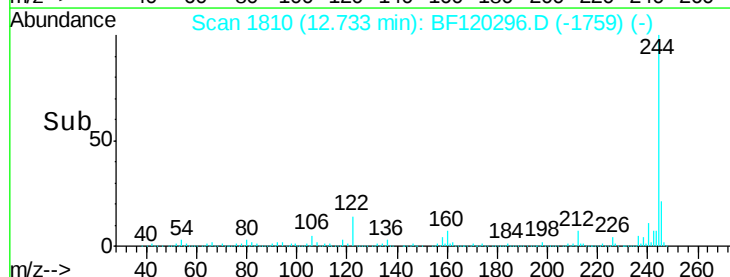
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	14.2	10.8	16.2



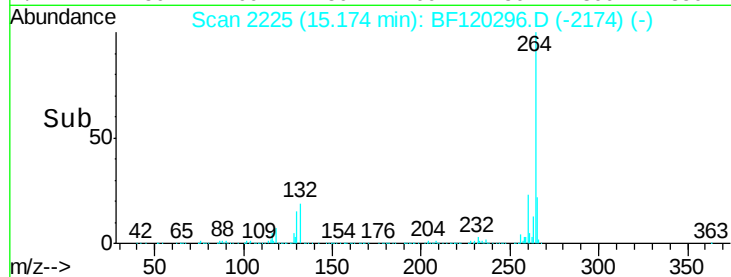
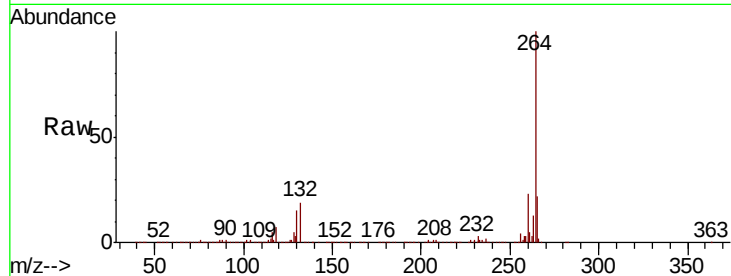
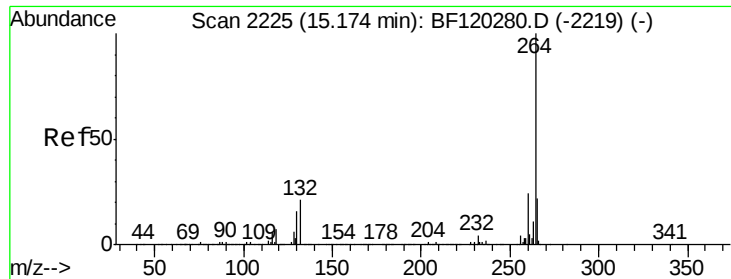
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.70 12.80 12.90



#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BF120296.D

Acq: 14 May 2020 17:48

Instrument :

BNA_F

ClientSampleId :

EO-01-051320

Tot Ion:264 Resp: 970149

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

265 21.7 17.5 26.3

