

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
 Data File : BF118712.D
 Acq On : 25 Jan 2020 5:53
 Operator : CG/JU
 Sample : L1241-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-16

Quant Time: Jan 27 03:24:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

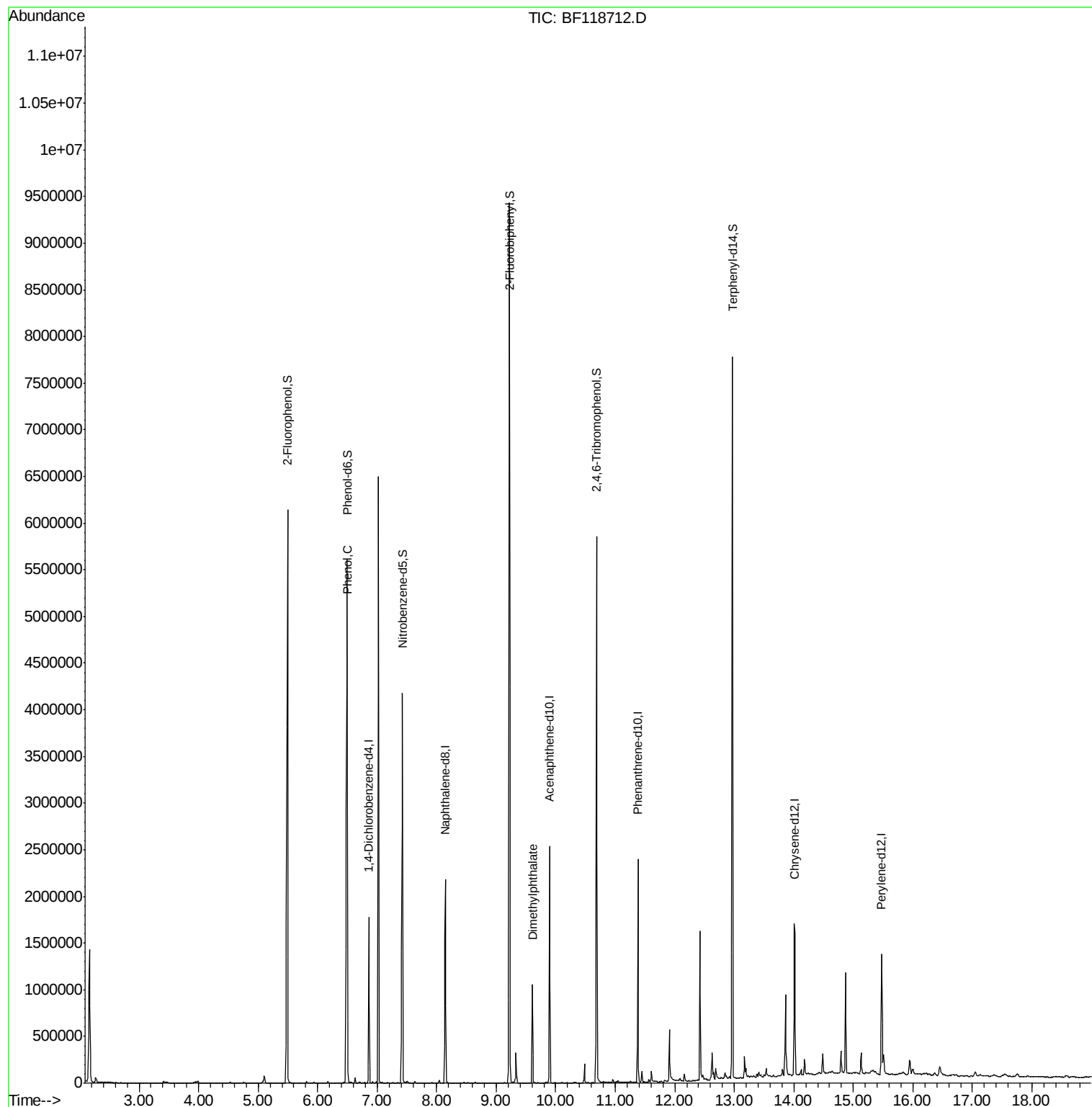
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	251056	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	926510	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	505110	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	841378	20.00	ng	-0.03
76) Chrysene-d12	14.01	240	562259	20.00	ng	-0.04
87) Perylene-d12	15.47	264	622508	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	2003490	148.21	ng	0.00
7) Phenol-d6	6.49	99	2526169	143.78	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1591119	96.06	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	816449	139.75	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	3000343	97.63	ng	-0.02
79) Terphenyl-d14	12.97	244	3132883	121.53	ng	-0.02
Target Compounds						
10) Phenol	6.50	94	66180	3.305	ng	95
50) Dimethylphthalate	9.61	163	442282	13.440	ng	96

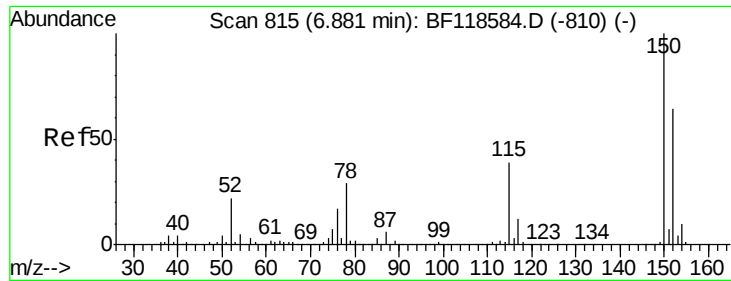
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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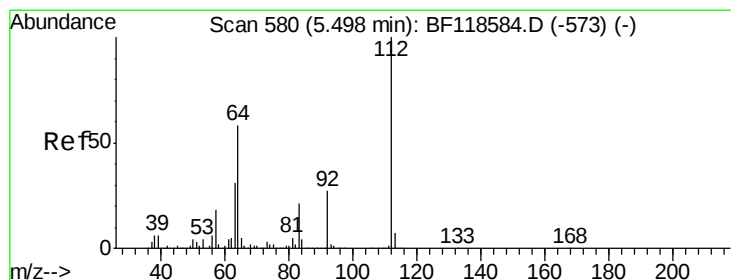
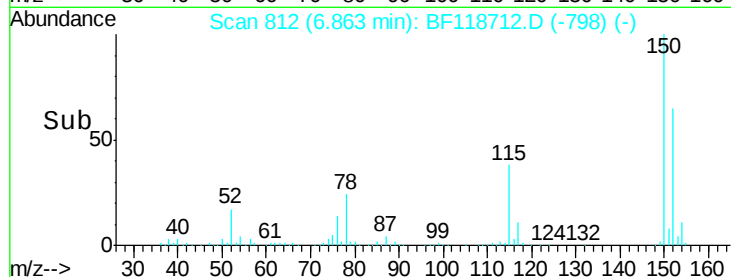
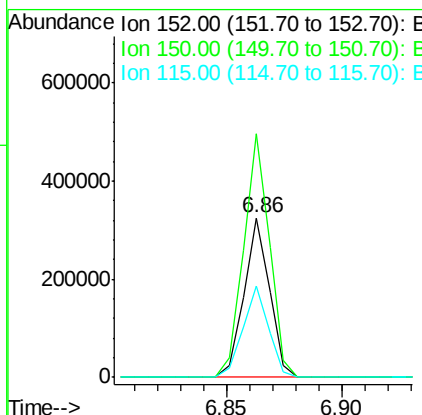
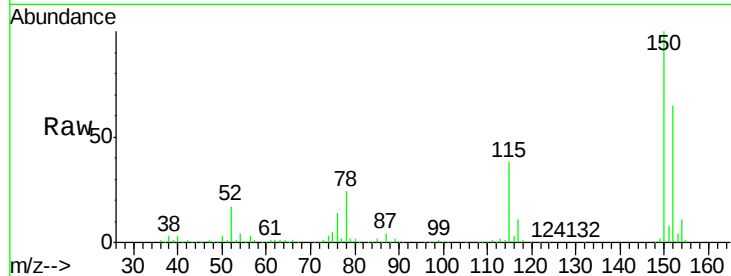


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118712.D
Acq: 25 Jan 2020 5:53

Instrument :
BNA_F
ClientSampleId :
EP-16

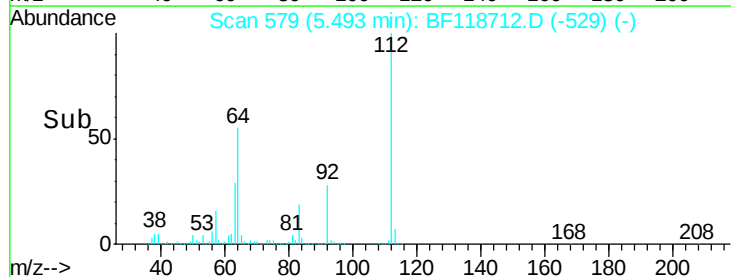
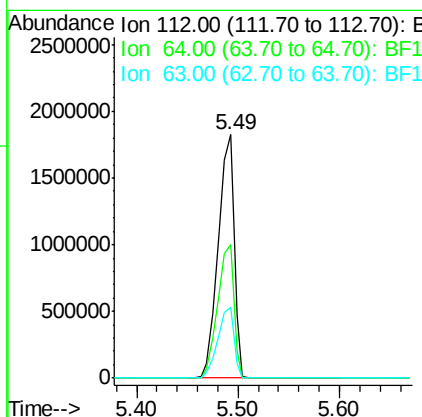
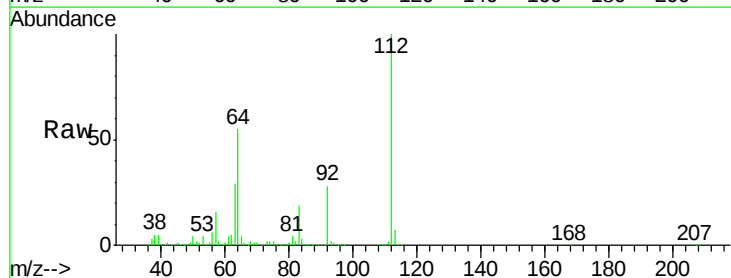
Tot Ion:152 Resp: 251056
Ion Ratio Lower Upper
152 100
150 153.0 125.6 188.4
115 57.4 48.4 72.6

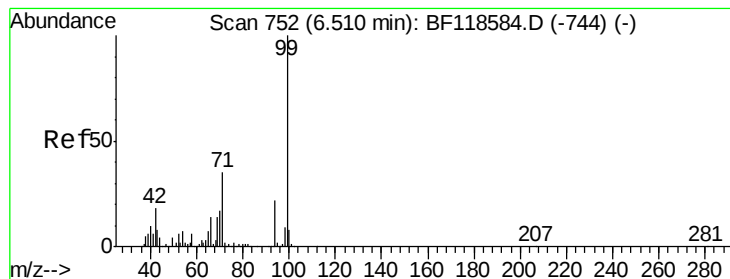


#5

2-Fluorophenol
Concen: 148.214 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF118712.D
Acq: 25 Jan 2020 5:53

Tgt Ion:112 Resp: 2003490
Ion Ratio Lower Upper
112 100
64 55.1 46.6 70.0
63 28.9 25.1 37.7





#7

Phenol-d6

Concen: 143.782 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF118712.D

Acq: 25 Jan 2020 5:53

Instrument :

BNA_F

ClientSampleId :

EP-16

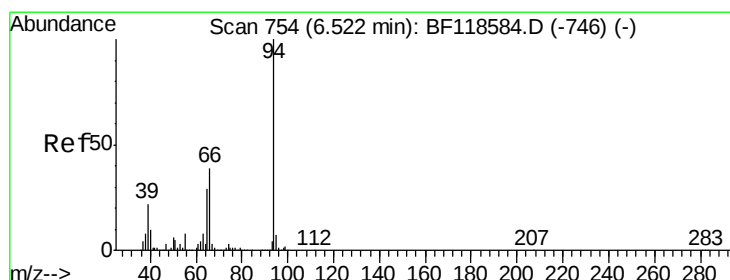
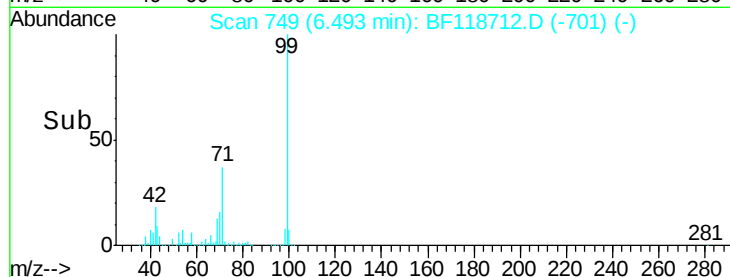
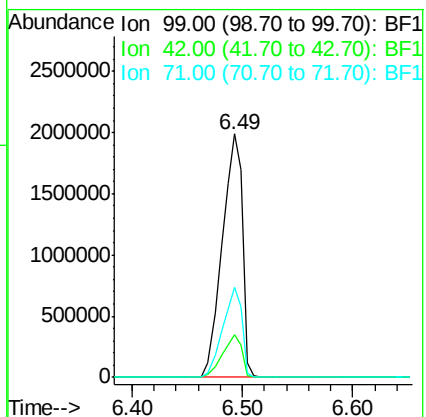
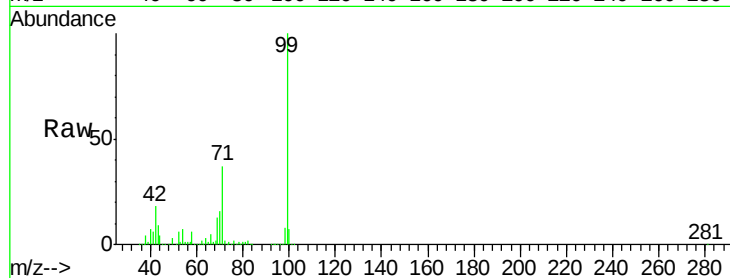
Tot Ion: 99 Resp: 2526169

Ion Ratio Lower Upper

99 100

42 17.6 14.2 21.2

71 37.0 27.8 41.6



#10

Phenol

Concen: 3.305 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF118712.D

Acq: 25 Jan 2020 5:53

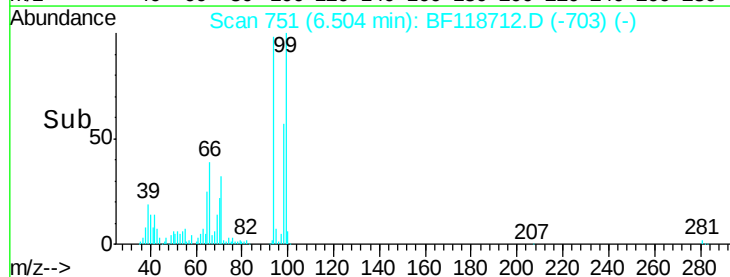
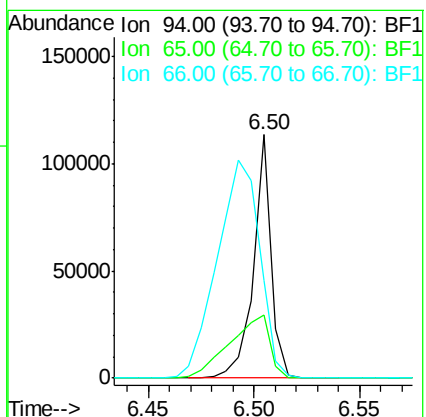
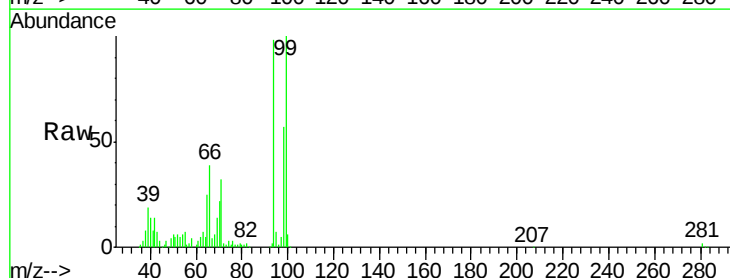
Tgt Ion: 94 Resp: 66180

Ion Ratio Lower Upper

94 100

65 25.7 9.5 49.5

66 40.1 18.5 58.5

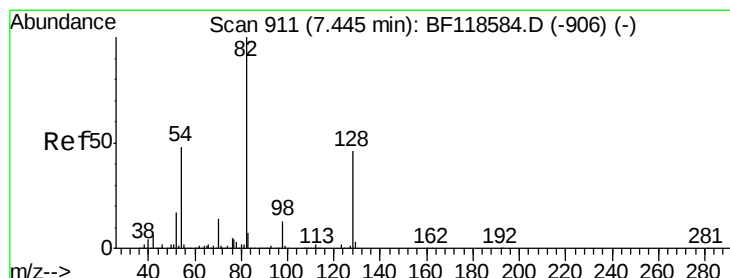
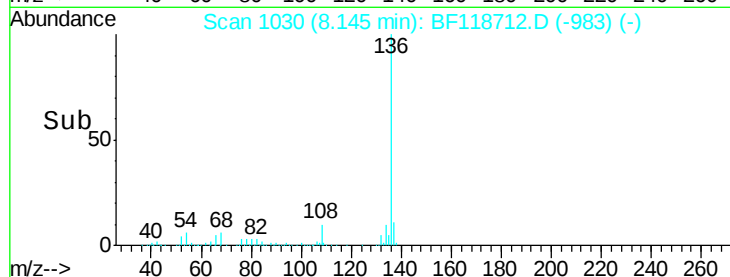
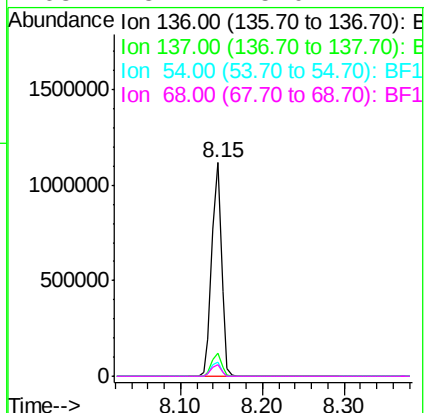
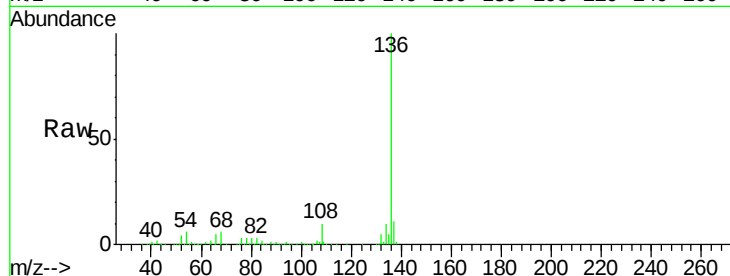




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118712.D
Acq: 25 Jan 2020 5:53

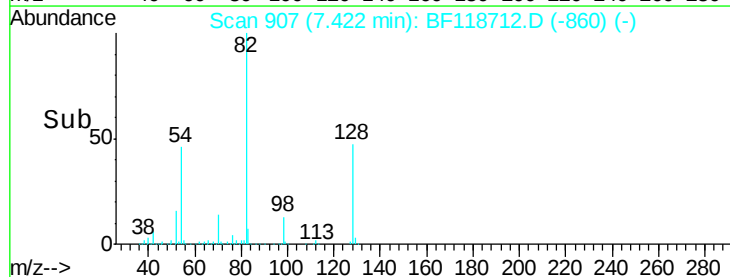
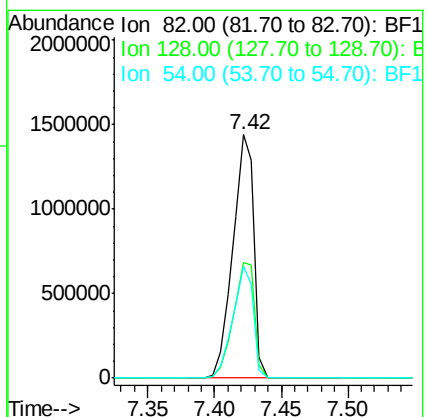
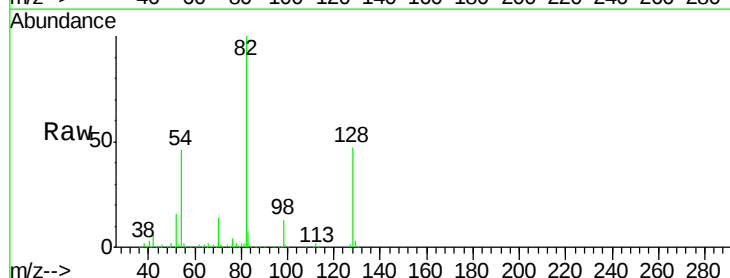
Instrument :
BNA_F
ClientSampleId :
EP-16

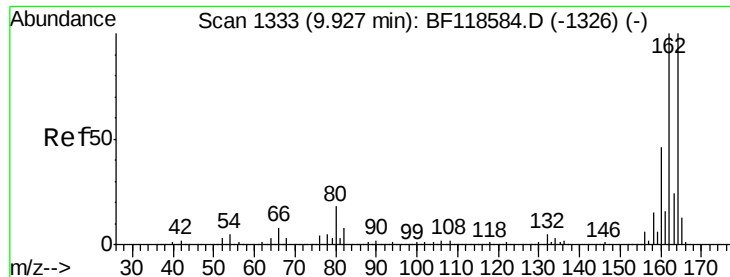
Tot Ion:136	Resp:	926510
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.1 13.7
54	6.3	5.8 8.6
68	5.7	5.0 7.4



#23
Nitrobenzene-d5
Concen: 96.057 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118712.D
Acq: 25 Jan 2020 5:53

Tgt Ion: 82	Resp:	1591119
Ion	Ratio	Lower Upper
82	100	
128	47.4	36.6 54.8
54	46.1	38.0 57.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF118712.D

Acq: 25 Jan 2020 5:53

Instrument :

BNA_F

ClientSampleId :

EP-16

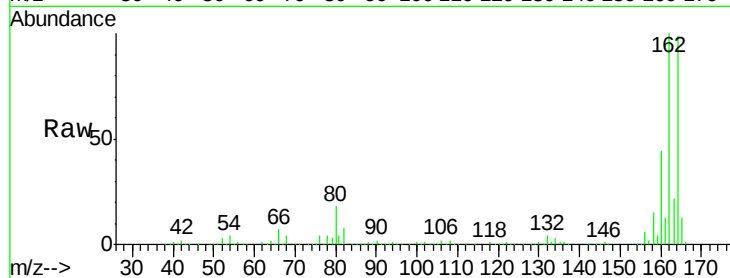
Tot Ion:164 Resp: 505110

Ion Ratio Lower Upper

164 100

162 101.4 80.4 120.6

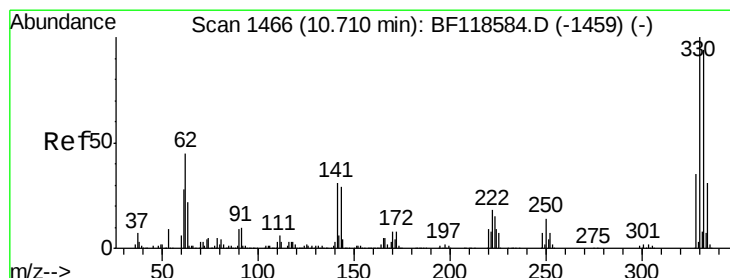
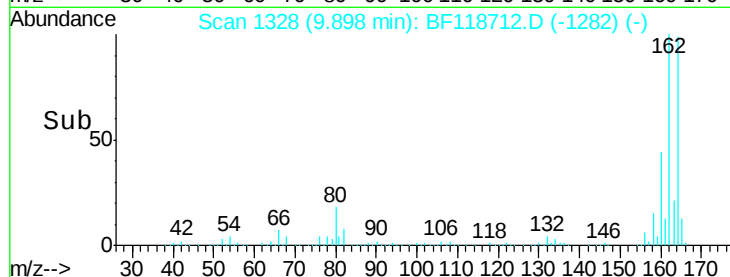
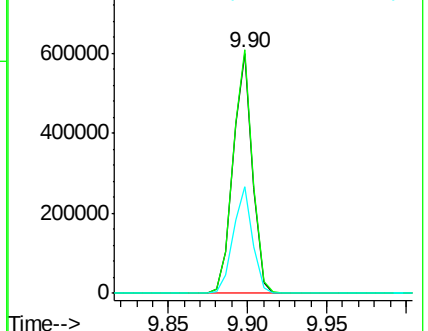
160 44.3 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 139.749 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BF118712.D

Acq: 25 Jan 2020 5:53

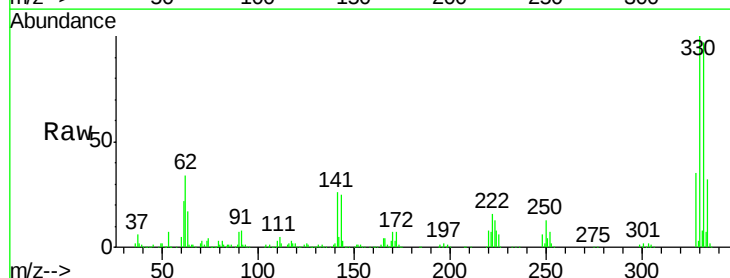
Tgt Ion:330 Resp: 816449

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

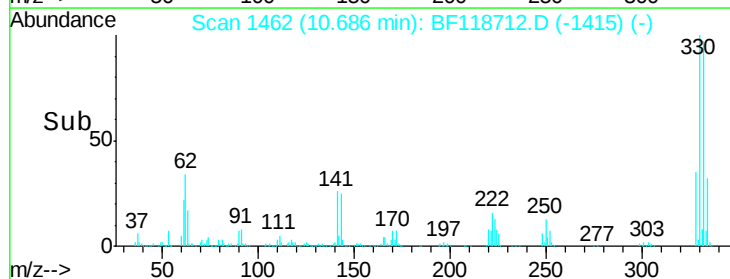
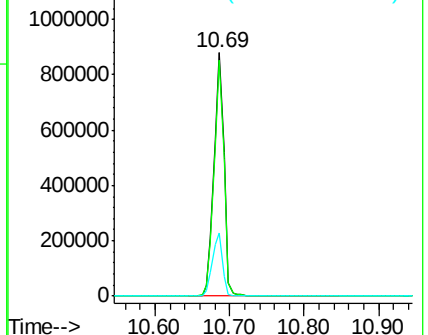
141 26.2 23.9 35.9

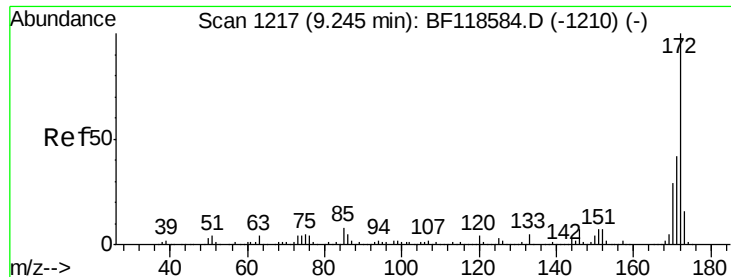


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

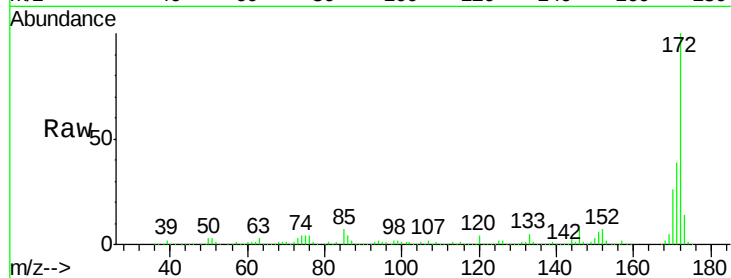




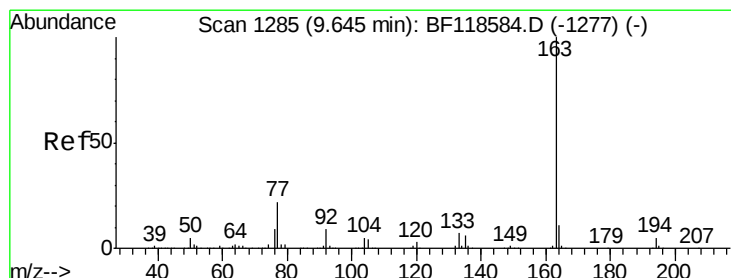
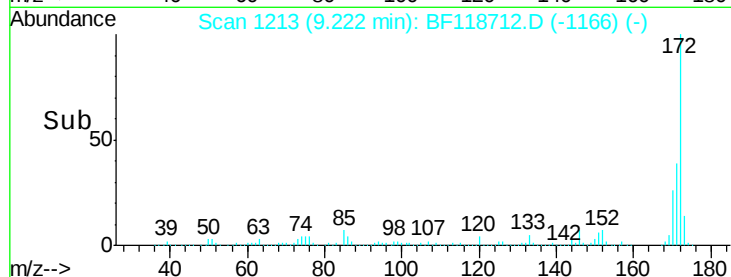
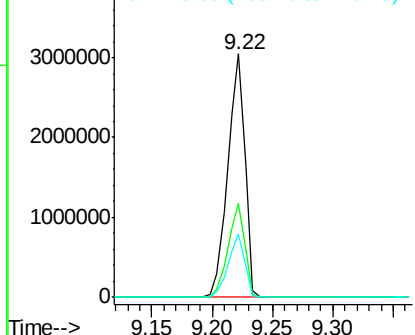
#45
2-Fluorobiphenyl
Concen: 97.630 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118712.D
Acq: 25 Jan 2020 5:53

Instrument :
BNA_F
ClientSampleId :
EP-16

Tot Ion:172 Resp: 3000343
Ion Ratio Lower Upper
172 100
171 38.7 33.4 50.2
170 26.0 23.2 34.8

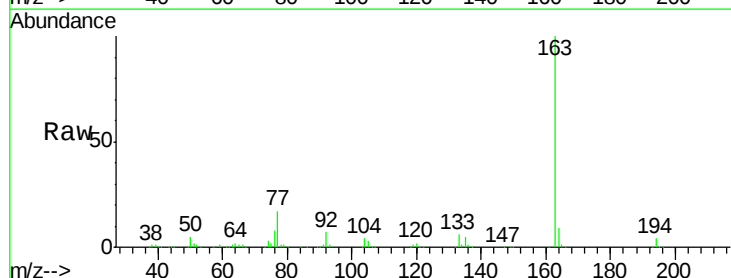


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

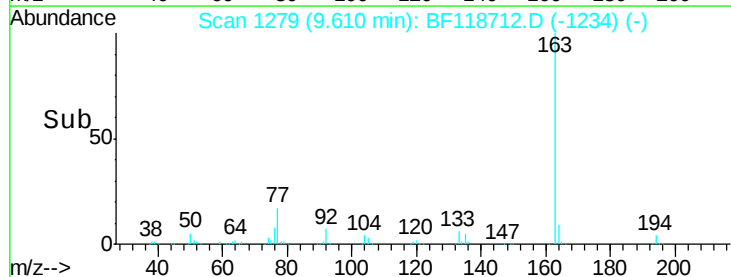
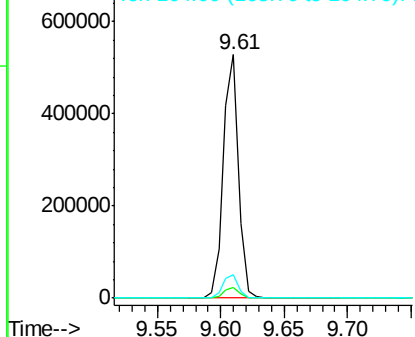


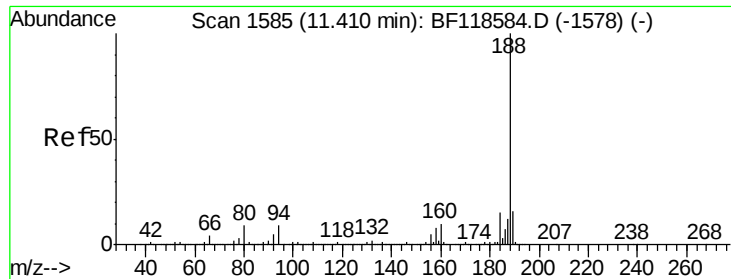
#50
Dimethylphthalate
Concen: 13.440 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.04 min
Lab File: BF118712.D
Acq: 25 Jan 2020 5:53

Tgt Ion:163 Resp: 442282
Ion Ratio Lower Upper
163 100
194 4.4 3.9 5.9
164 9.4 9.1 13.7



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

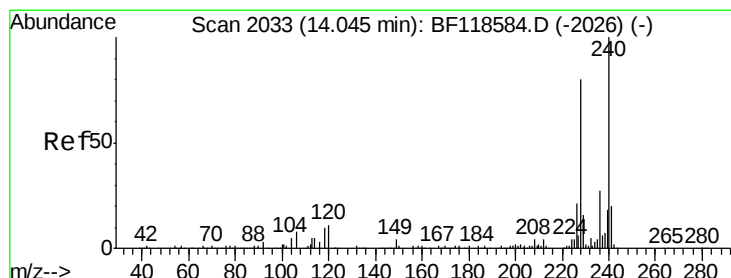
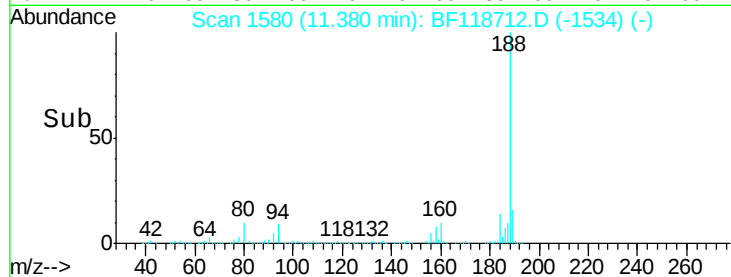
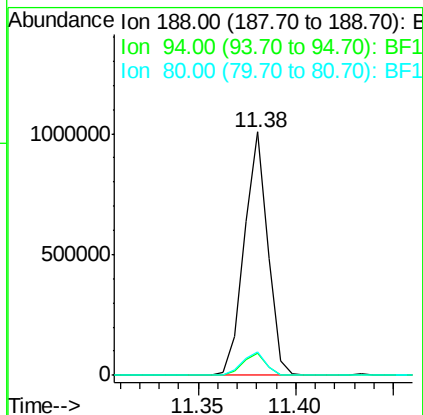
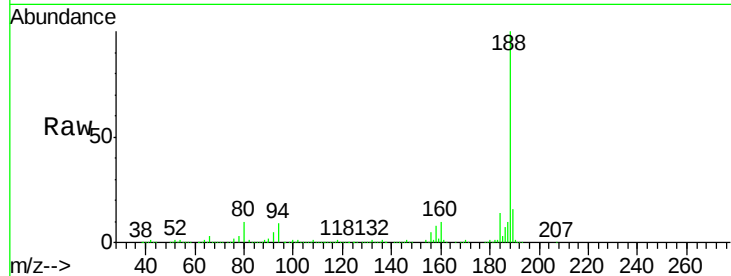




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BF118712.D
Acq: 25 Jan 2020 5:53

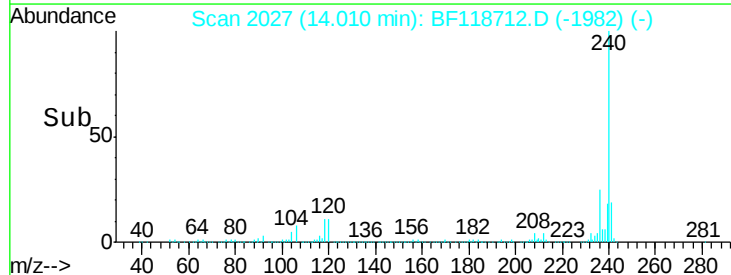
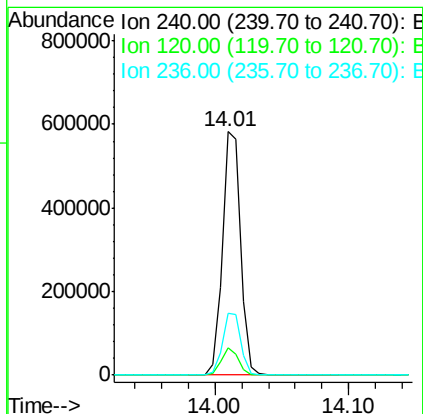
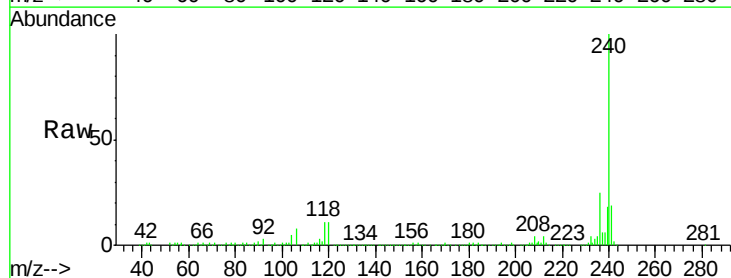
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ClientSampled :
EP-16

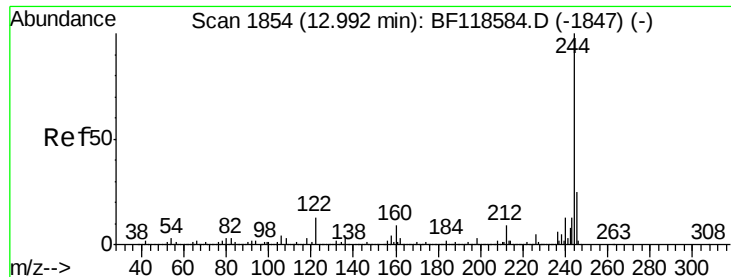
Tot Ion:188 Resp: 841378
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 9.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.04 min
Lab File: BF118712.D
Acq: 25 Jan 2020 5:53

Tgt Ion:240 Resp: 562259
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.4 21.5 32.3





#79

Terphenyl-d14

Concen: 121.530 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF118712.D

Acq: 25 Jan 2020 5:53

Instrument :

BNA_F

ClientSampleId :

EP-16

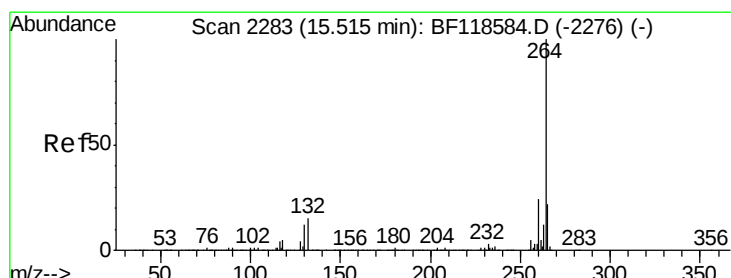
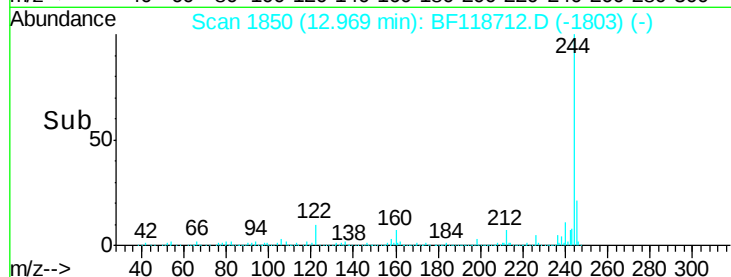
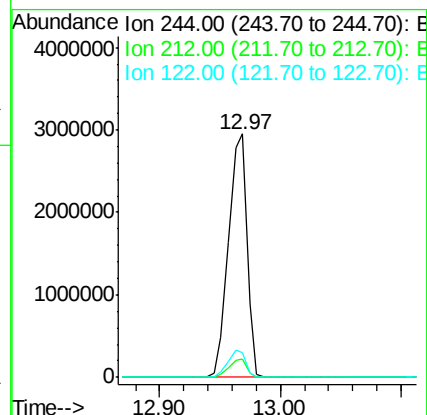
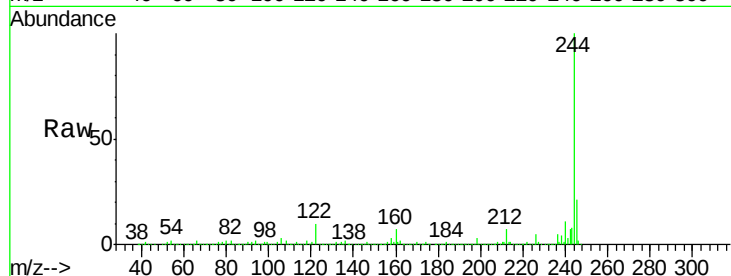
Tot Ion:244 Resp: 3132883

Ion Ratio Lower Upper

244 100

212 7.3 7.0 10.4

122 10.0 10.7 16.1#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.04 min

Lab File: BF118712.D

Acq: 25 Jan 2020 5:53

Tgt Ion:264 Resp: 622508

Ion Ratio Lower Upper

264 100

260 23.2 19.6 29.4

265 21.4 17.7 26.5

