

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
 Data File : BF119511.D
 Acq On : 25 Mar 2020 18:40
 Operator : CG/JU
 Sample : L2017-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FE-SB-29-(5.5-6)

Quant Time: Mar 26 02:41:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

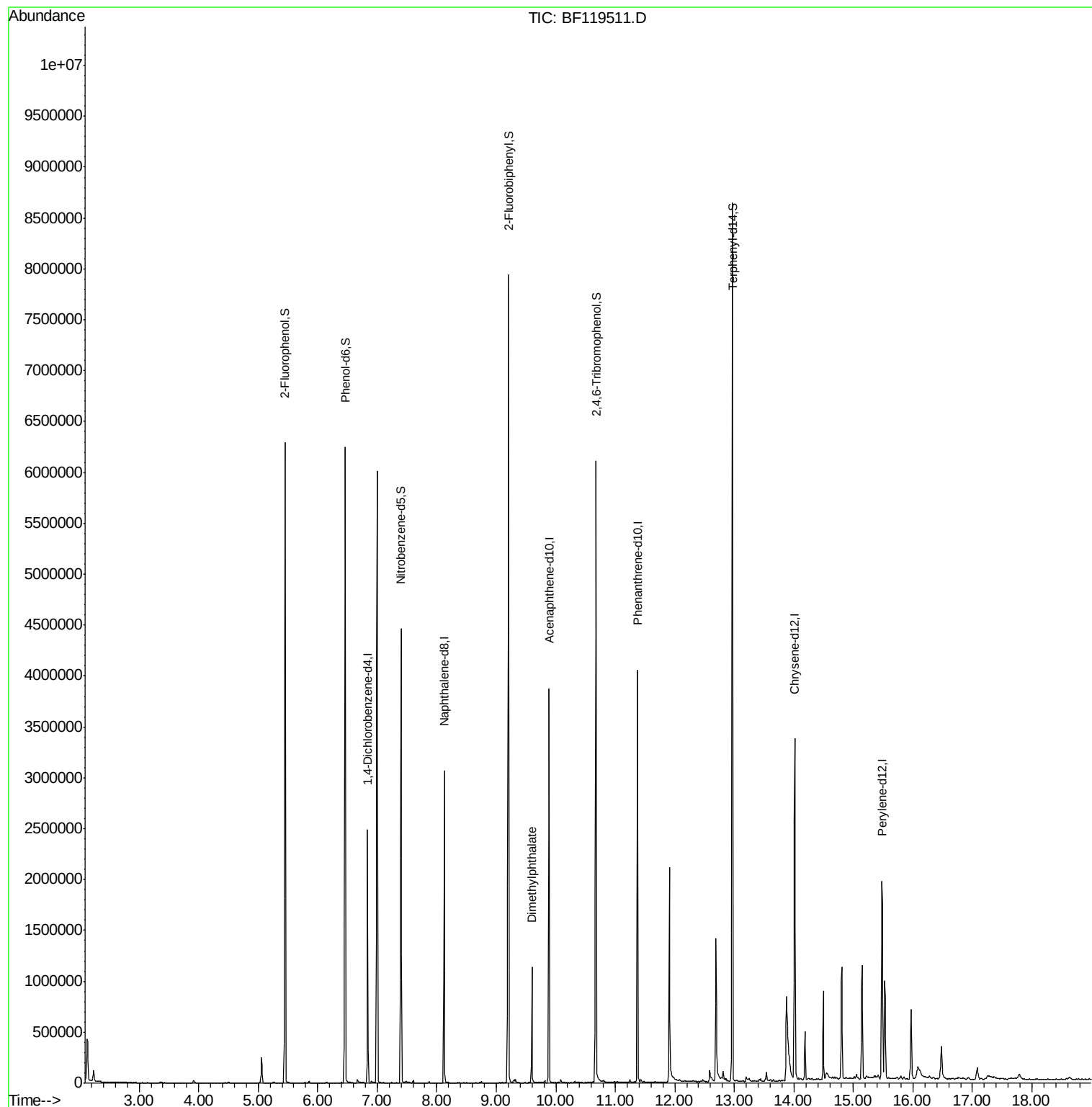
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	356710	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1371435	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	750899	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1455413	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	1111270	20.00	ng	-0.02
87) Perylene-d12	15.48	264	927741	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1812678	80.90	ng	0.00
7) Phenol-d6	6.46	99	2347279	82.00	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1461555	57.92	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	756321	97.63	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2803994	55.32	ng	-0.02
79) Terphenyl-d14	12.97	244	3286287	57.94	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.60	163	407832	7.646	ng	Qvalue 99

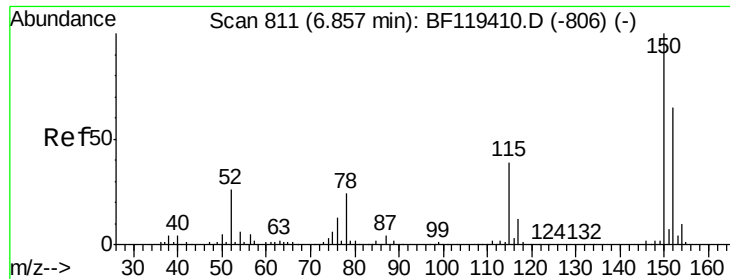
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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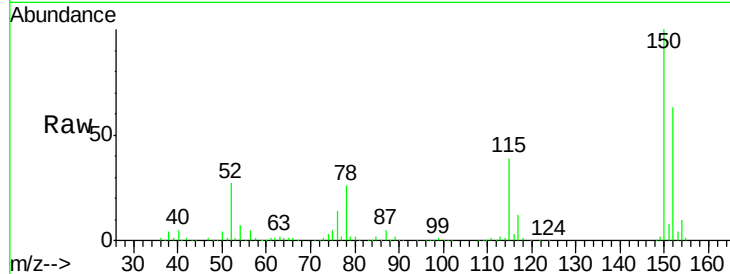


#1

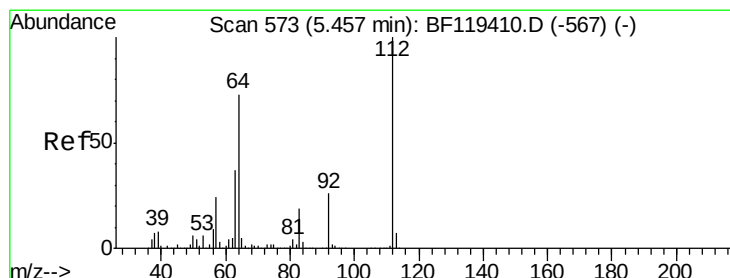
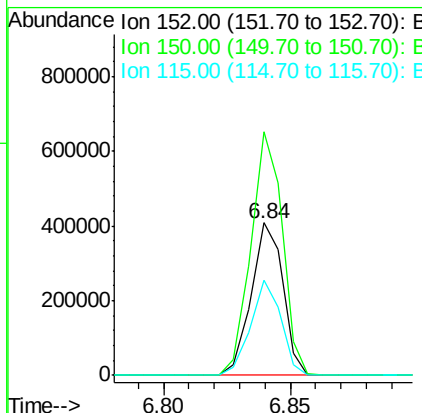
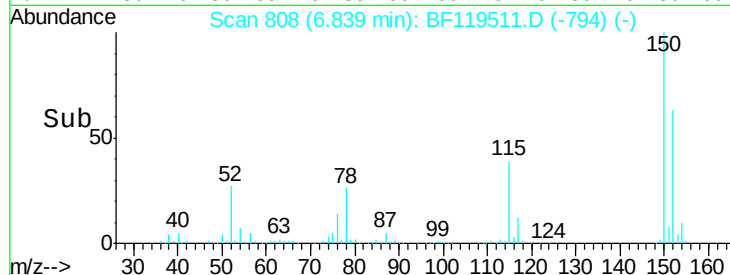
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF119511.D
Acq: 25 Mar 2020 18:40

Instrument :
BNA_F
ClientSampleId :
FE-SB-29-(5.5-6)

Tot Ion:152 Resp: 356710
Ion Ratio Lower Upper
152 100
150 159.7 123.9 185.9
115 62.3 47.8 71.6



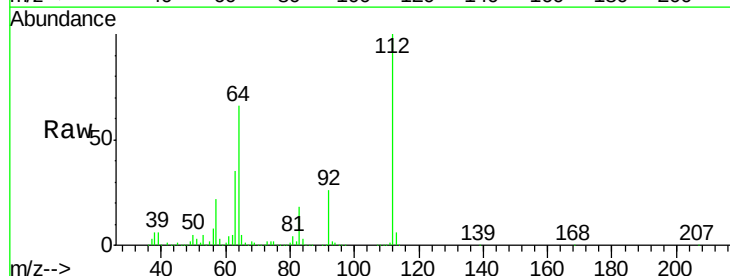
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



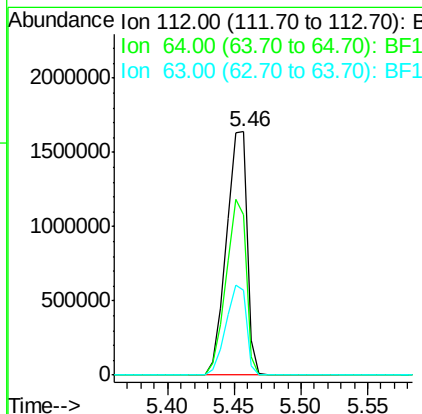
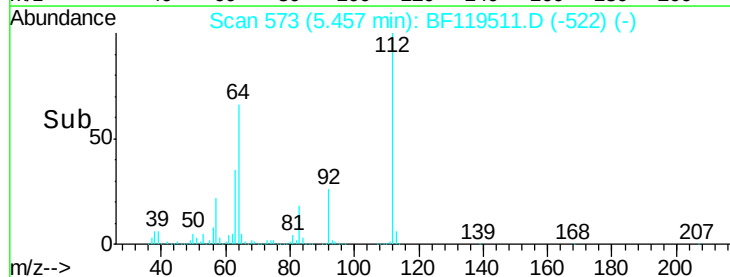
#5

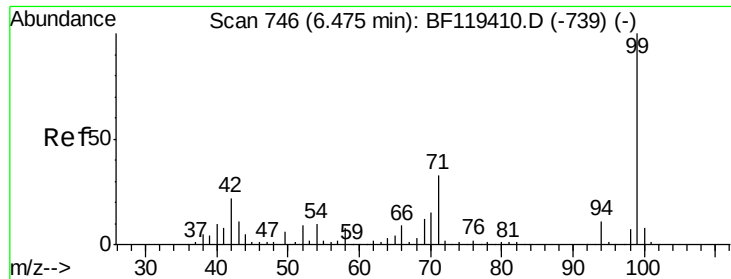
2-Fluorophenol
Concen: 80.895 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF119511.D
Acq: 25 Mar 2020 18:40

Tgt Ion:112 Resp: 1812678
Ion Ratio Lower Upper
112 100
64 65.8 58.1 87.1
63 34.7 29.7 44.5



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: 82.003 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF119511.D

Acq: 25 Mar 2020 18:40

Instrument :

BNA_F

ClientSampleId :

FE-SB-29-(5.5-6)

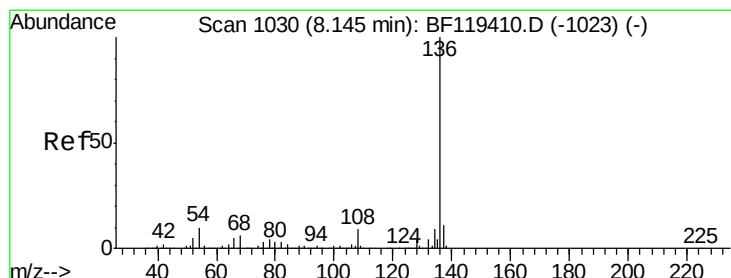
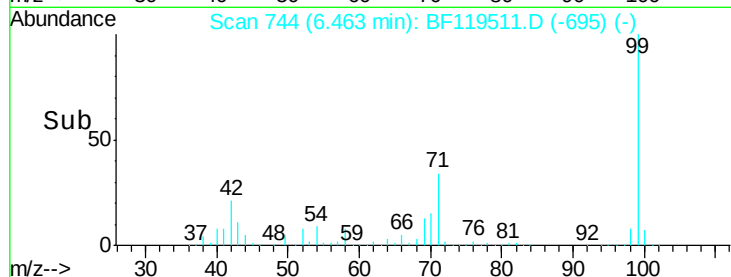
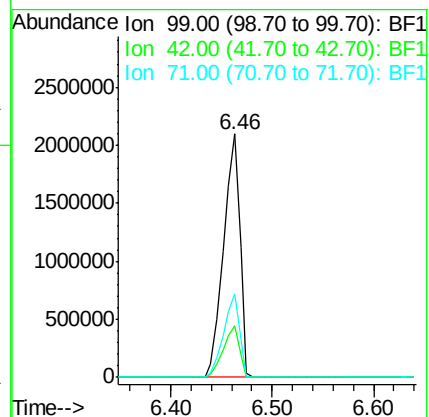
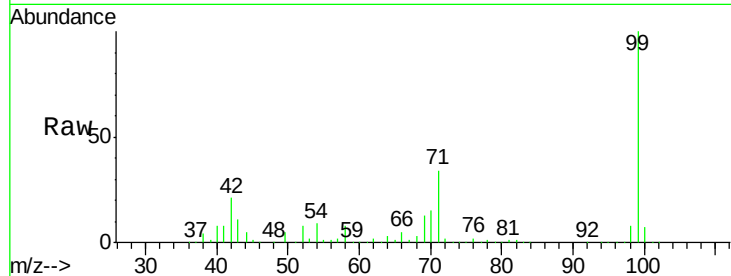
Tot Ion: 99 Resp: 2347279

Ion Ratio Lower Upper

99 100

42 21.2 17.8 26.6

71 34.2 26.0 39.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119511.D

Acq: 25 Mar 2020 18:40

Tgt Ion: 136 Resp: 1371435

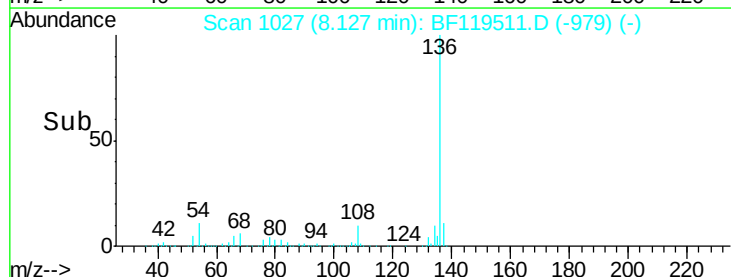
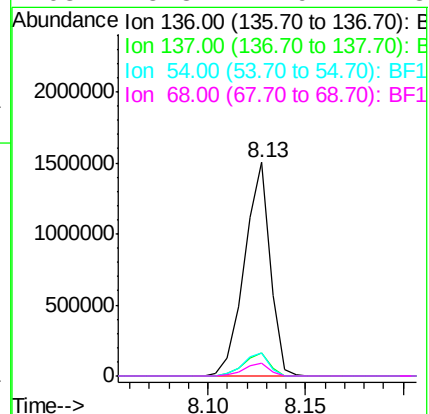
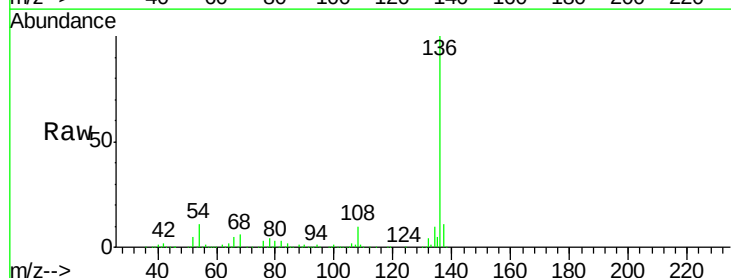
Ion Ratio Lower Upper

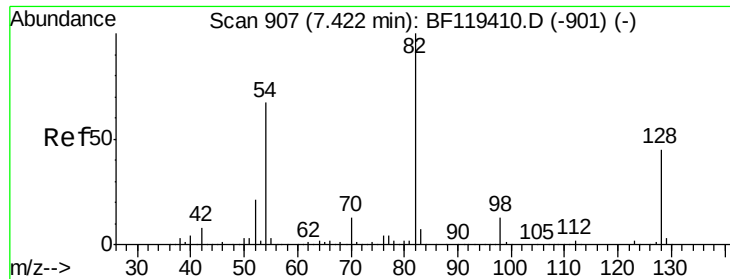
136 100

137 11.0 8.4 12.6

54 10.7 8.3 12.5

68 5.8 4.9 7.3

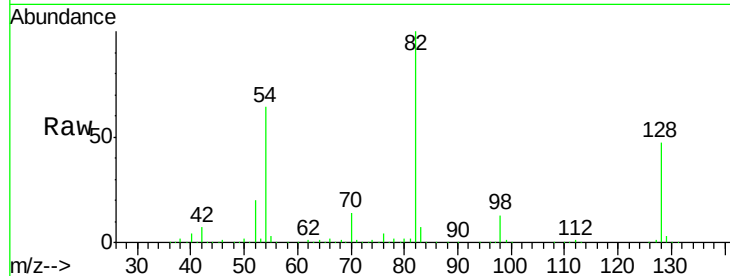




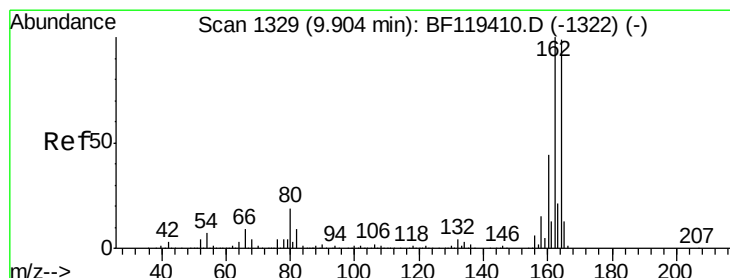
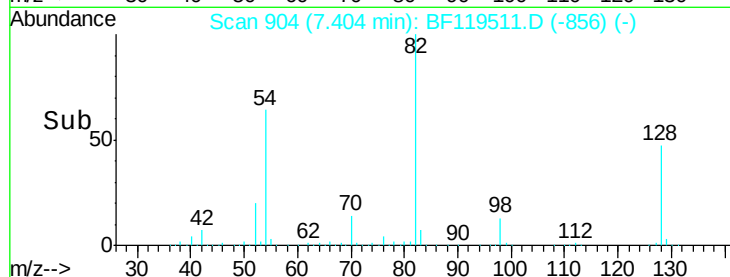
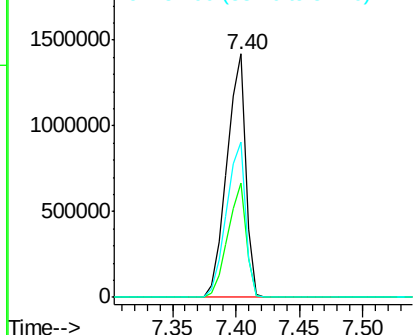
#23
Nitrobenzene-d5
Concen: 57.919 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF119511.D
Acq: 25 Mar 2020 18:40

Instrument :
BNA_F
ClientSampleId :
FE-SB-29-(5.5-6)

Tot Ion: 82 Resp: 1461555
Ion Ratio Lower Upper
82 100
128 46.9 35.8 53.8
54 63.9 53.4 80.0

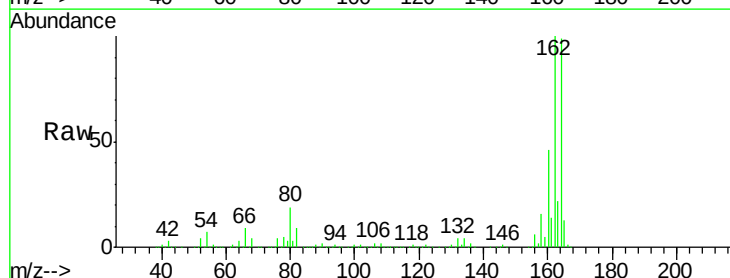


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

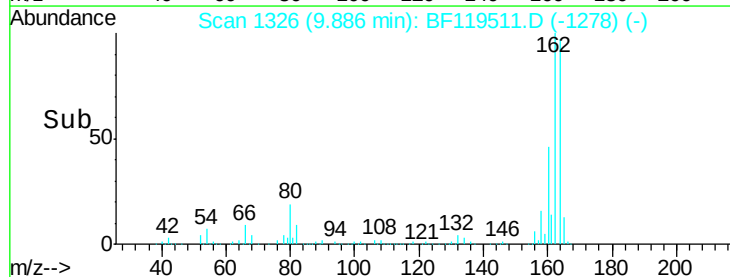
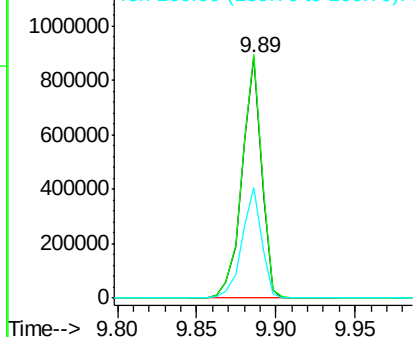


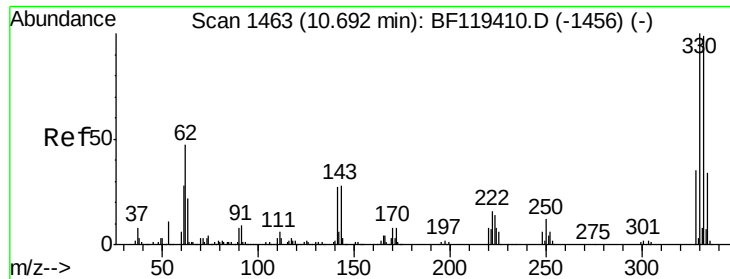
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF119511.D
Acq: 25 Mar 2020 18:40

Tgt Ion:164 Resp: 750899
Ion Ratio Lower Upper
164 100
162 101.1 80.7 121.1
160 46.2 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 97.631 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.02 min

Lab File: BF119511.D

Acq: 25 Mar 2020 18:40

Instrument :

BNA_F

ClientSampleId :

FE-SB-29-(5.5-6)

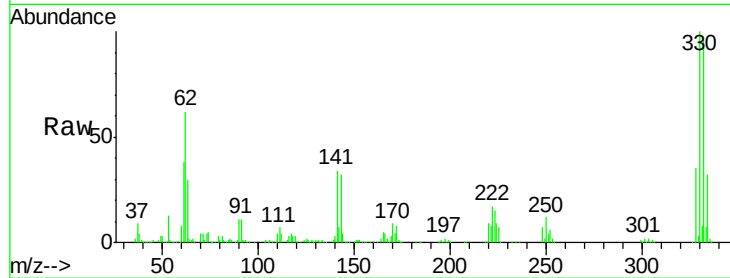
Tot Ion:330 Resp: 756321

Ion Ratio Lower Upper

330 100

332 97.1 77.6 116.4

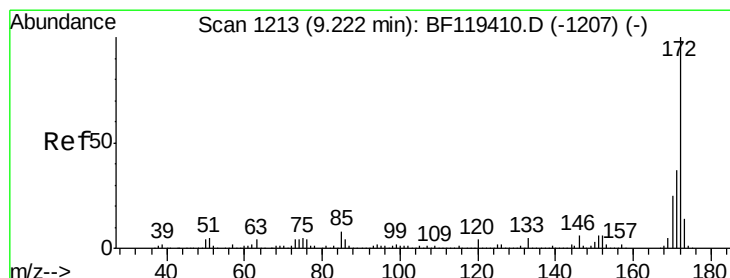
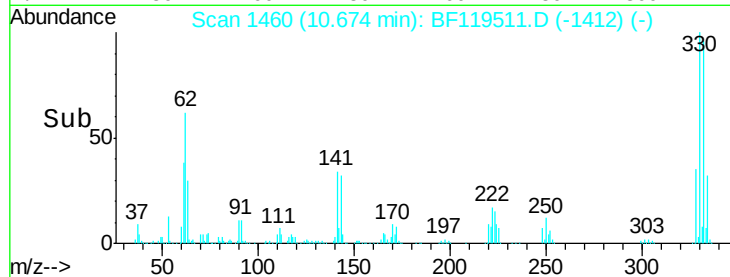
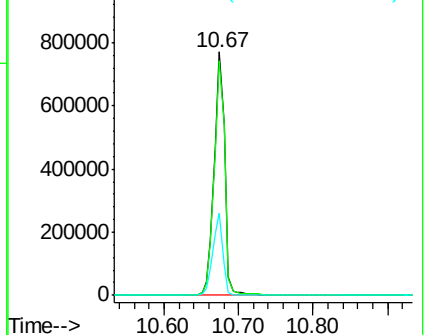
141 31.7 26.6 40.0



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: 55.321 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.02 min

Lab File: BF119511.D

Acq: 25 Mar 2020 18:40

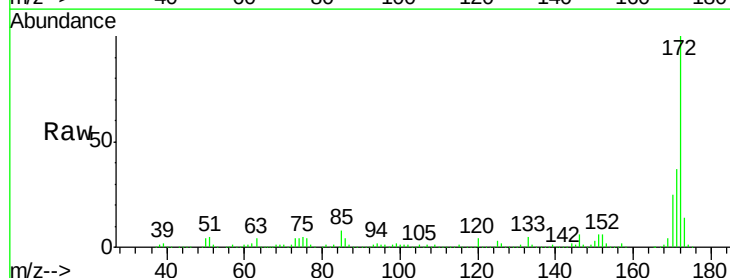
Tgt Ion:172 Resp: 2803994

Ion Ratio Lower Upper

172 100

171 37.4 29.9 44.9

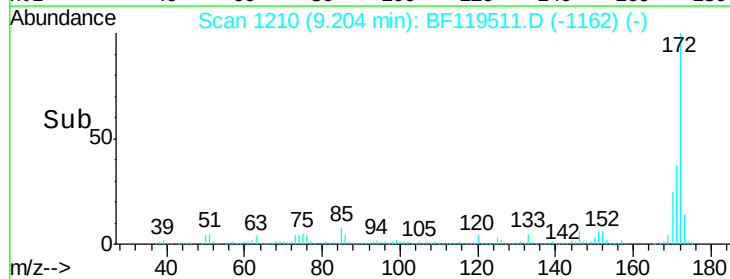
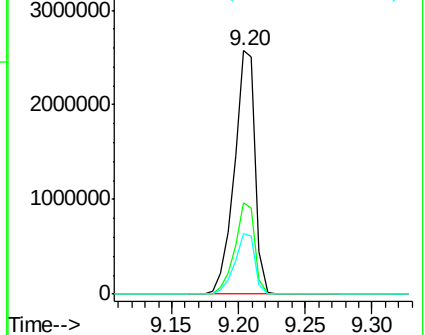
170 24.9 20.1 30.1

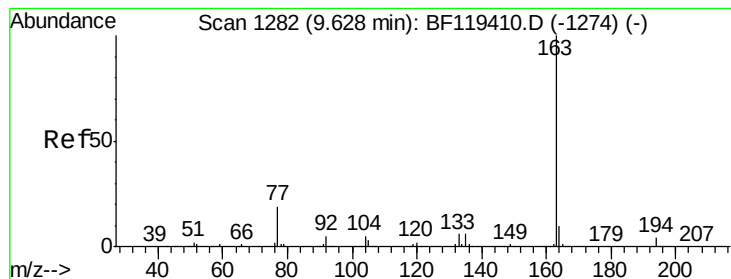


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.646 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.03 min

Lab File: BF119511.D

Acq: 25 Mar 2020 18:40

Instrument :

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ClientSampleId :

FE-SB-29-(5.5-6)

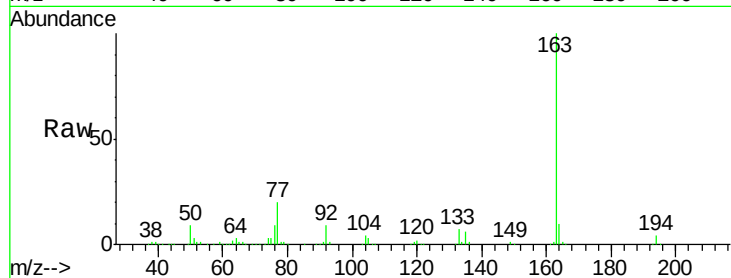
Tot Ion:163 Resp: 407832

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

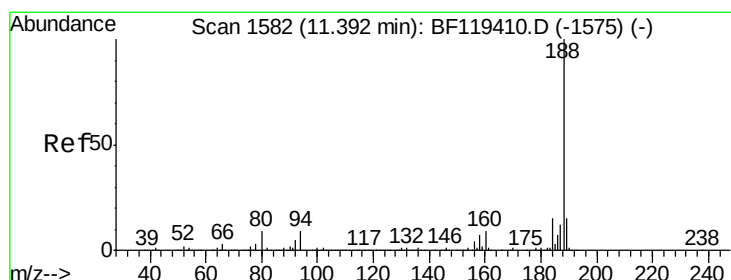
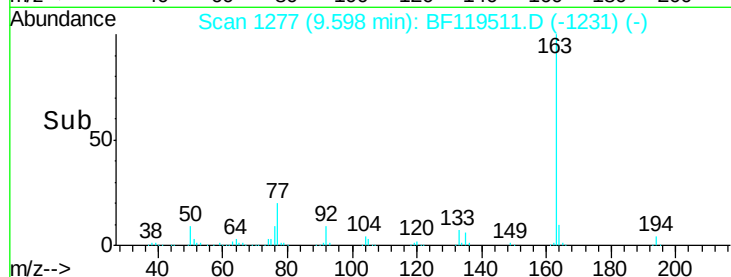
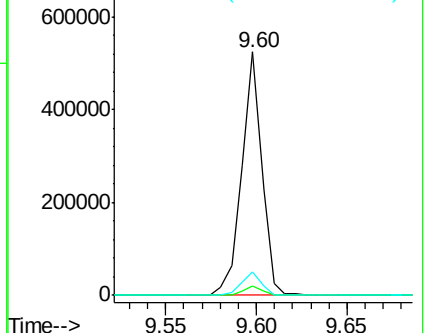
164 9.8 8.1 12.1



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: 11.37 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BF119511.D

Acq: 25 Mar 2020 18:40

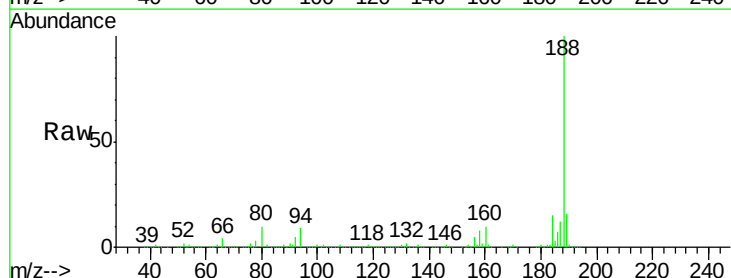
Tgt Ion:188 Resp: 1455413

Ion Ratio Lower Upper

188 100

94 9.2 7.1 10.7

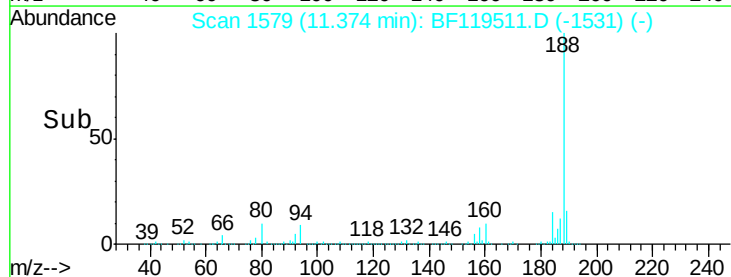
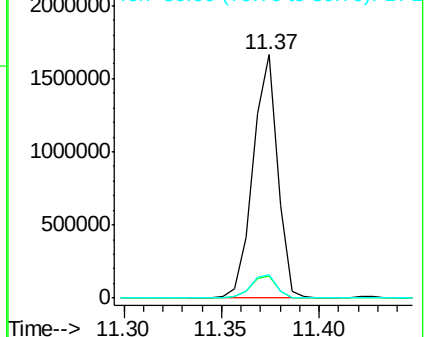
80 9.7 7.5 11.3

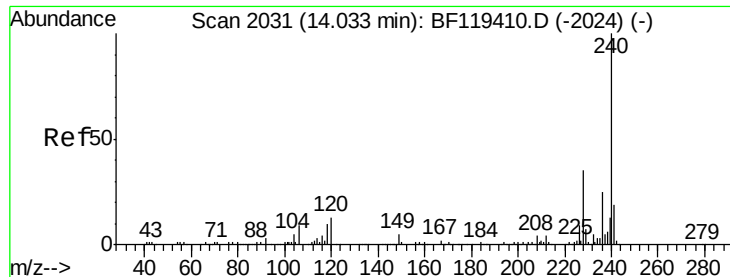


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF119511.D

Acq: 25 Mar 2020 18:40

Instrument :

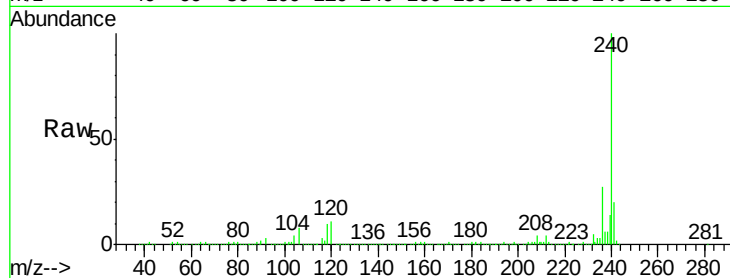
BNA_F

ClientSampleId :

FE-SB-29-(5.5-6)

Tot Ion:240 Resp: 1111270

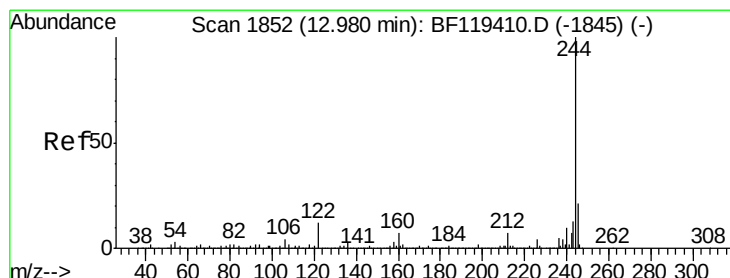
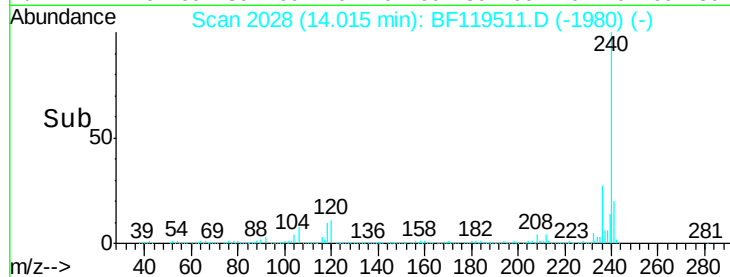
Ion	Ratio	Lower	Upper
240	100		
120	11.3	10.2	15.4
236	26.7	20.4	30.6



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: 57.939 ng

RT: 12.97 min Scan# 1850

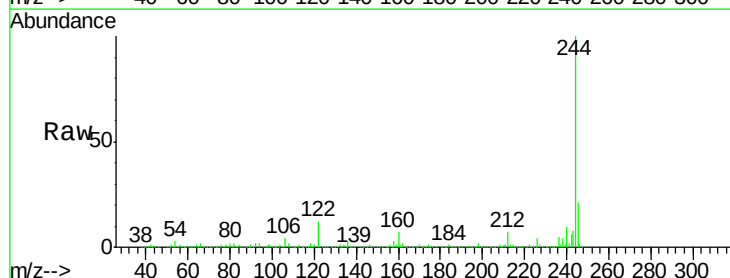
Delta R.T. -0.01 min

Lab File: BF119511.D

Acq: 25 Mar 2020 18:40

Tgt Ion:244 Resp: 3286287

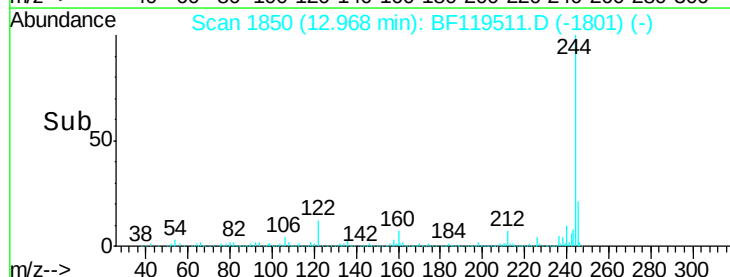
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	11.7	9.8	14.8

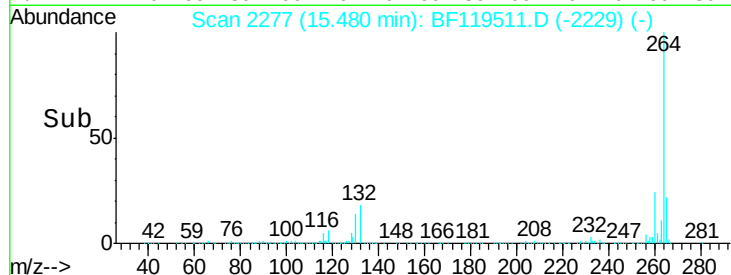
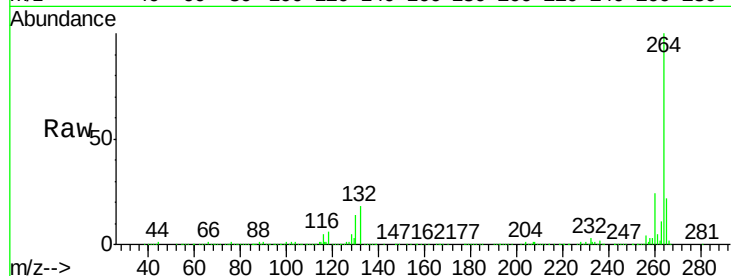
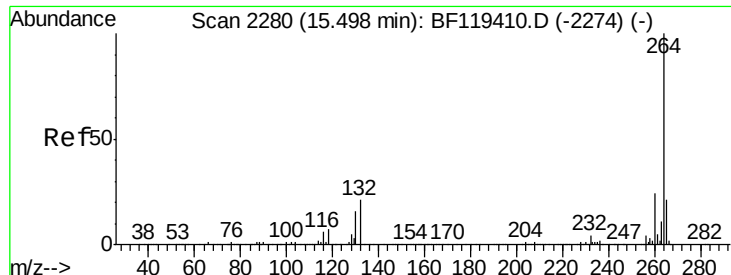


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BF119511.D
 Acq: 25 Mar 2020 18:40

Instrument :
 BNA_F
 ClientSampleId :
 FE-SB-29-(5.5-6)

Tot Ion:	264	Resp:	927741
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	22.3	16.9	25.3

