

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
 Data File : BF119513.D
 Acq On : 25 Mar 2020 19:52
 Operator : CG/JU
 Sample : L2017-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FE-SB-32-(8.5-9)

Quant Time: Mar 26 03:02:14 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

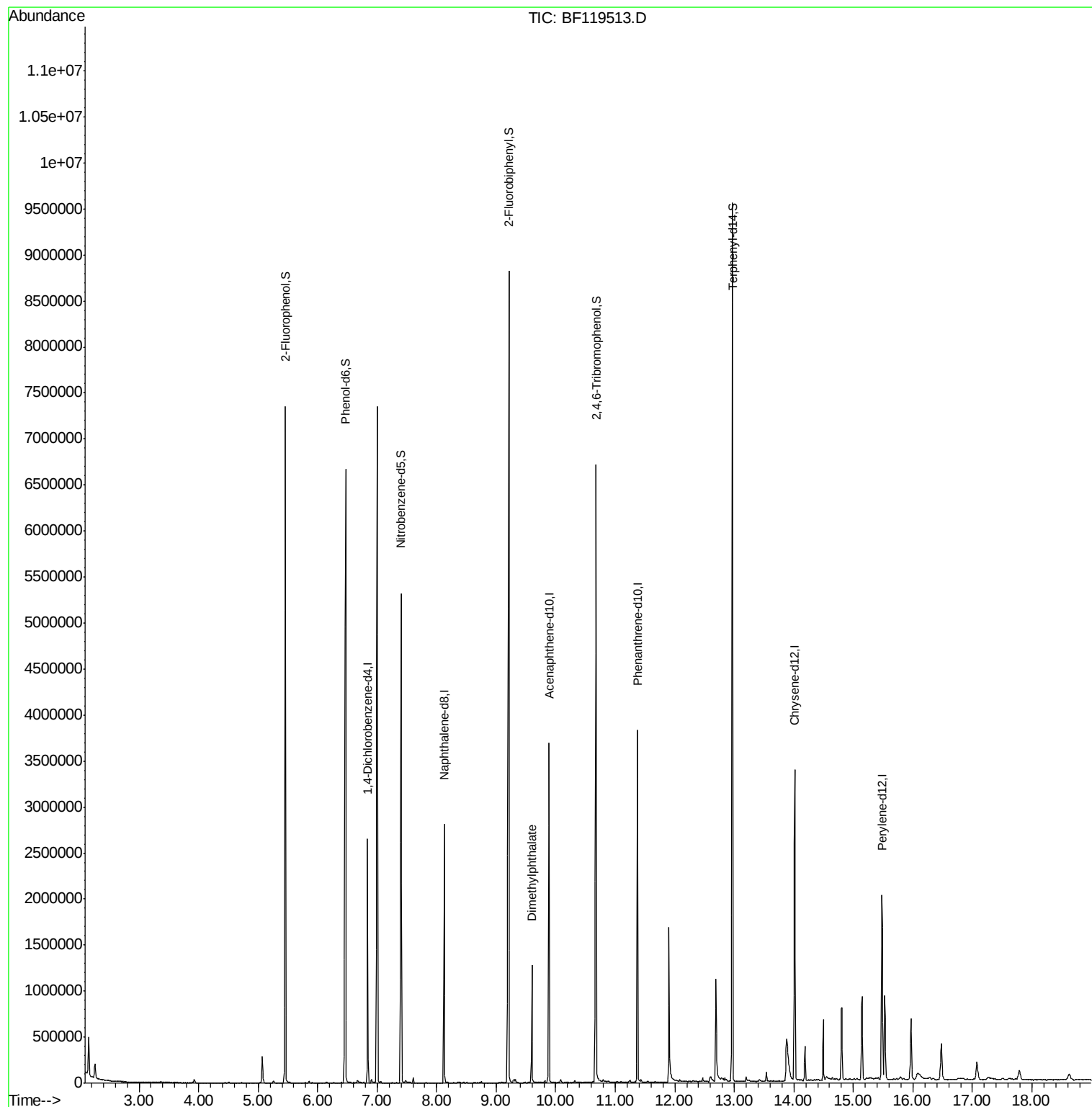
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	358504	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1364911	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	740030	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1455516	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	1102612	20.00	ng	-0.02
87) Perylene-d12	15.48	264	934879	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2193089	97.38	ng	0.00
7) Phenol-d6	6.47	99	2821349	98.07	ng	0.00
23) Nitrobenzene-d5	7.40	82	1793444	71.41	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	889300	116.48	ng	-0.02
45) 2-Fluorobiphenyl	9.21	172	3286467	65.79	ng	-0.01
79) Terphenyl-d14	12.97	244	3622422	64.37	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.60	163	477375	9.082	ng	Qvalue 99

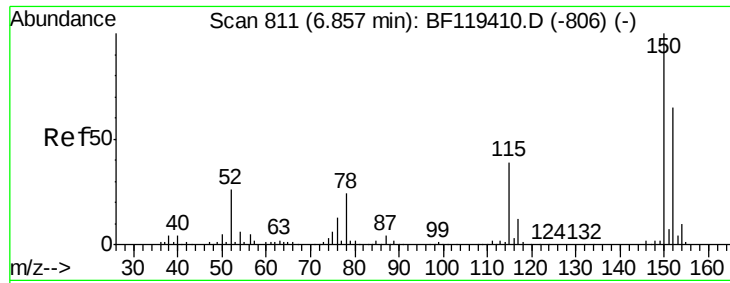
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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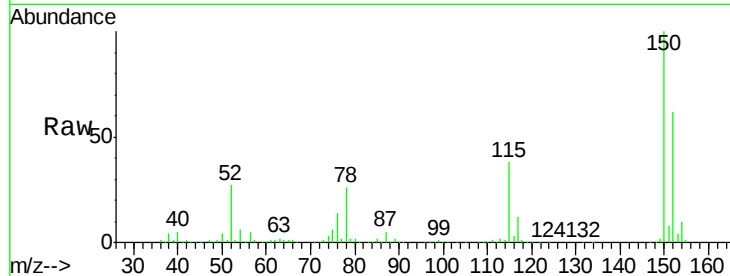


#1

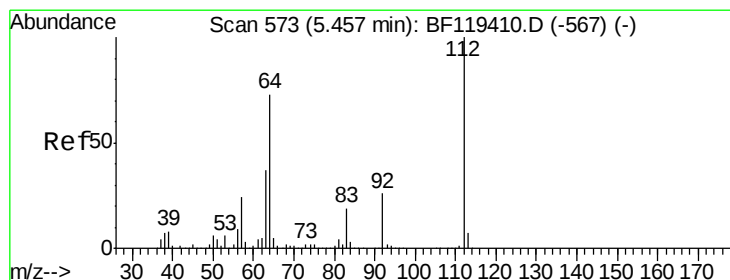
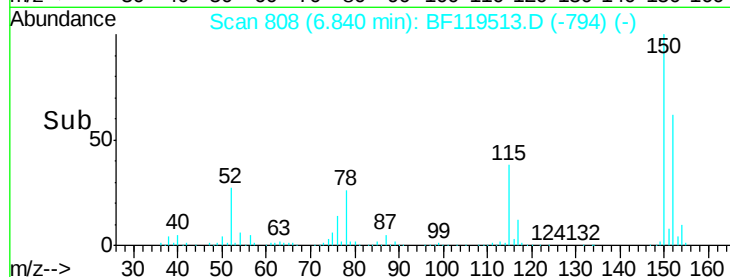
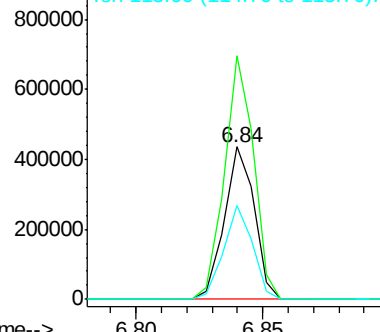
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF119513.D
Acq: 25 Mar 2020 19:52

Instrument :
BNA_F
ClientSampleId :
FE-SB-32-(8.5-9)

Tot Ion:152 Resp: 358504
Ion Ratio Lower Upper
152 100
150 160.0 123.9 185.9
115 61.4 47.8 71.6



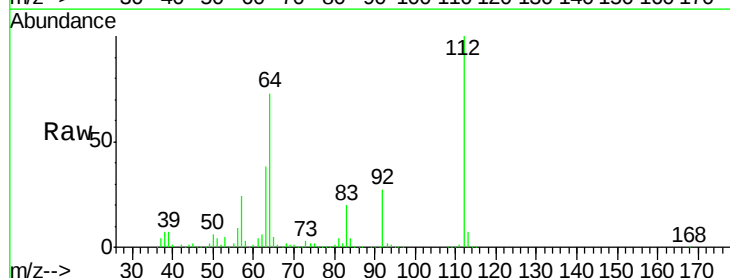
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



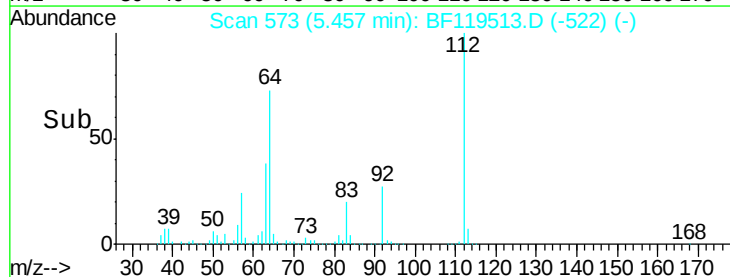
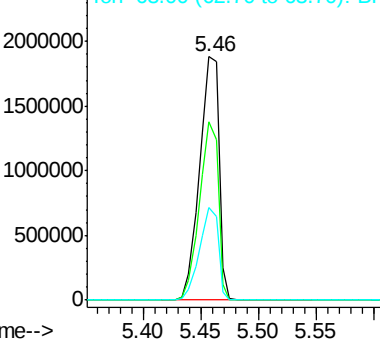
#5

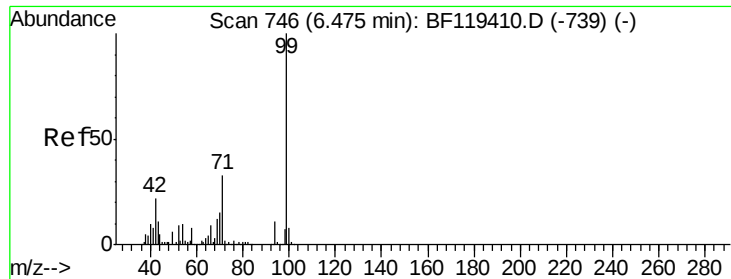
2-Fluorophenol
Concen: 97.382 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF119513.D
Acq: 25 Mar 2020 19:52

Tgt Ion:112 Resp: 2193089
Ion Ratio Lower Upper
112 100
64 73.3 58.1 87.1
63 37.8 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: 98.072 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119513.D

Acq: 25 Mar 2020 19:52

Instrument :

BNA_F

ClientSampleId :

FE-SB-32-(8.5-9)

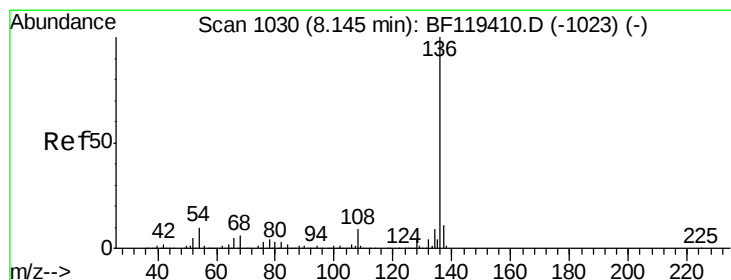
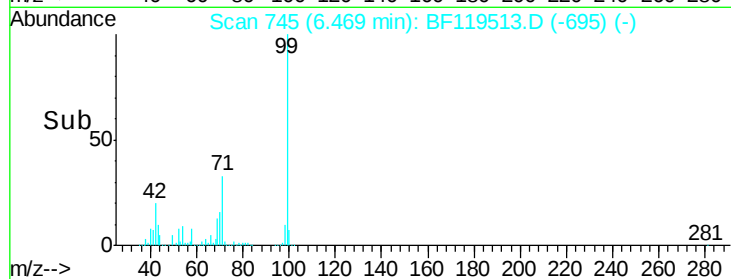
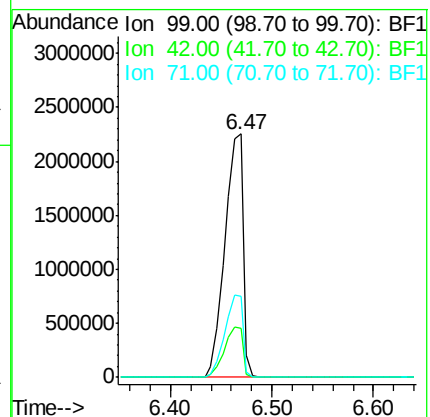
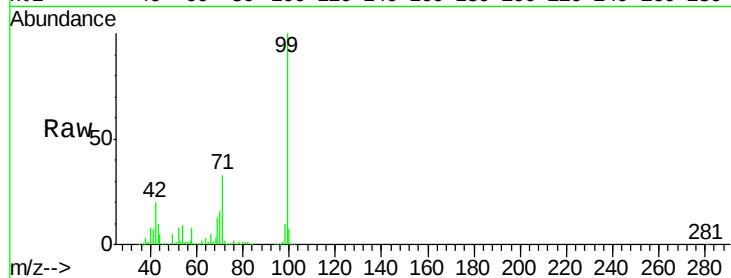
Tot Ion: 99 Resp: 2821349

Ion Ratio Lower Upper

99 100

42 20.4 17.8 26.6

71 33.1 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: BF119513.D

Acq: 25 Mar 2020 19:52

Tgt Ion: 136 Resp: 1364911

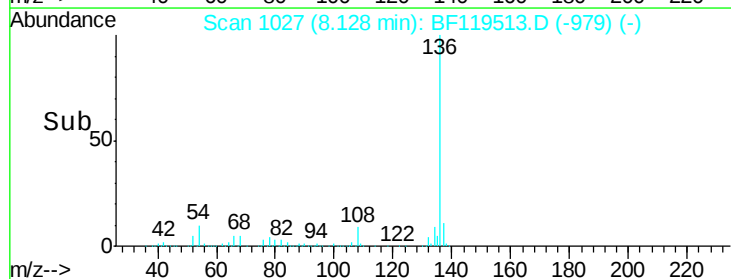
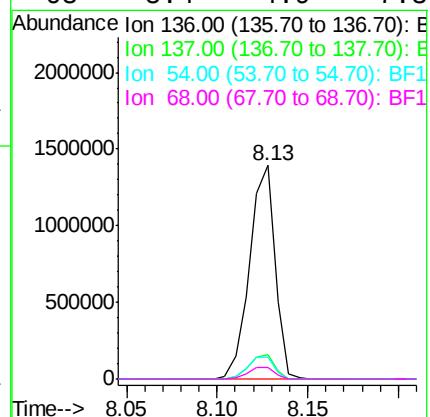
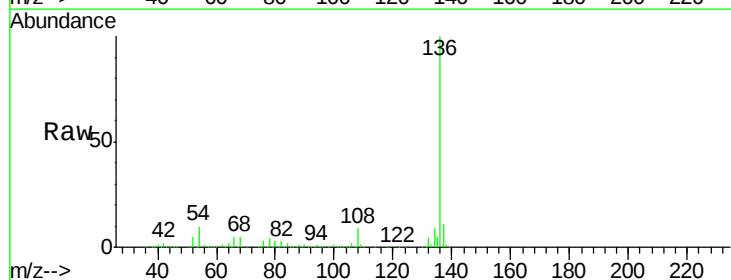
Ion Ratio Lower Upper

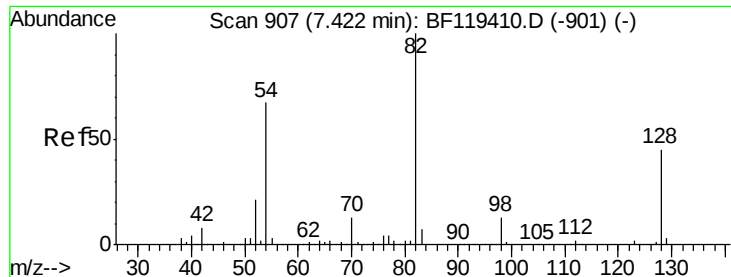
136 100

137 11.2 8.4 12.6

54 10.1 8.3 12.5

68 5.4 4.9 7.3

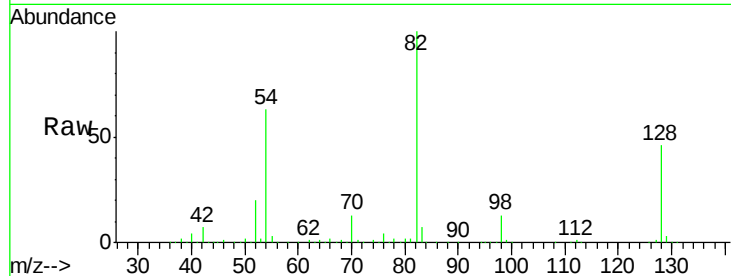




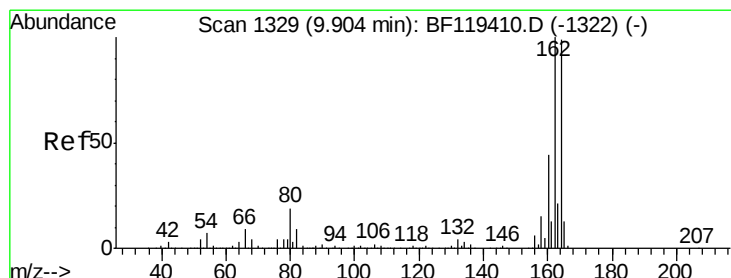
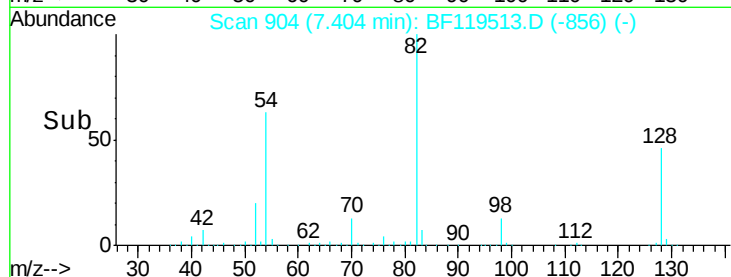
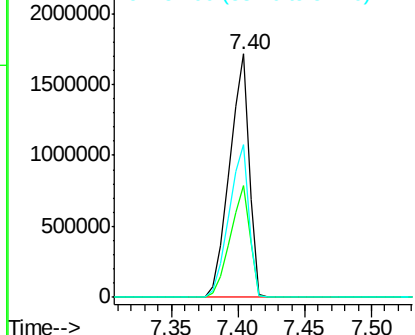
#23
Nitrobenzene-d5
Concen: 71.411 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF119513.D
Acq: 25 Mar 2020 19:52

Instrument :
BNA_F
ClientSampleId :
FE-SB-32-(8.5-9)

Tot Ion: 82 Resp: 1793444
Ion Ratio Lower Upper
82 100
128 45.8 35.8 53.8
54 62.8 53.4 80.0

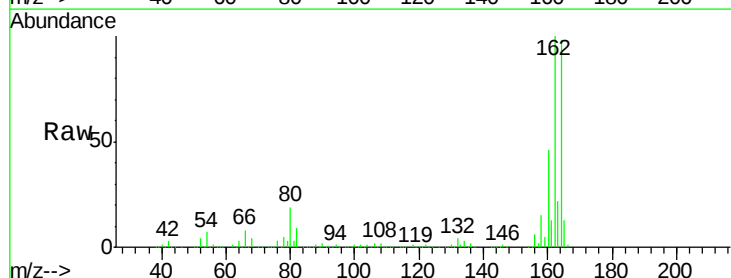


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

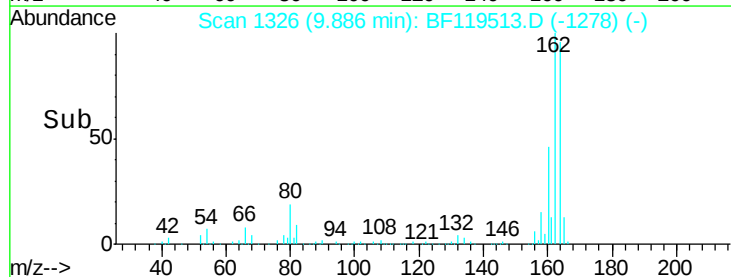
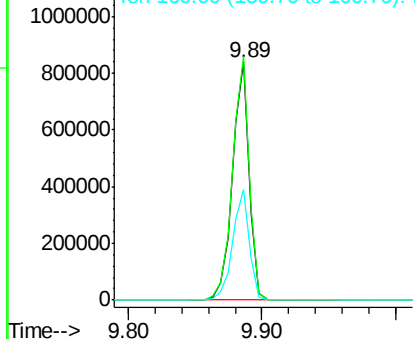


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF119513.D
Acq: 25 Mar 2020 19:52

Tgt Ion:164 Resp: 740030
Ion Ratio Lower Upper
164 100
162 102.3 80.7 121.1
160 46.6 35.5 53.3



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

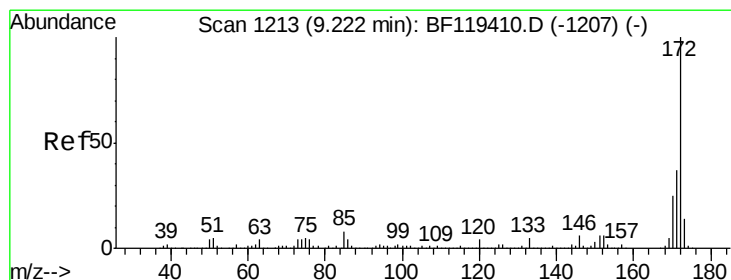
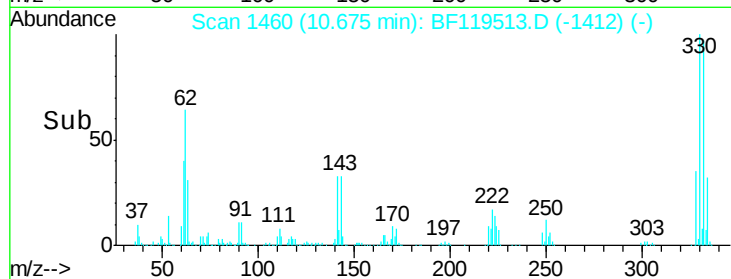
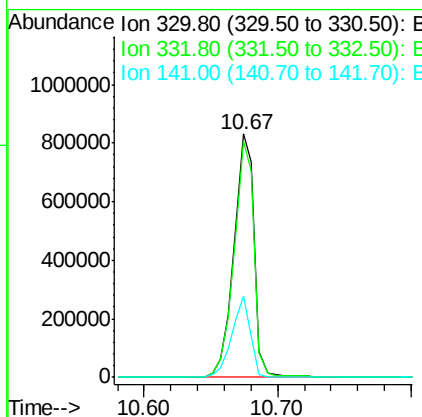
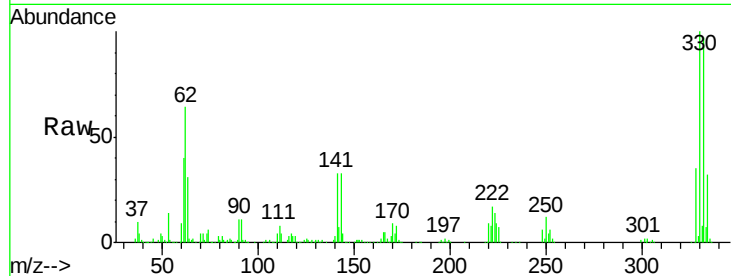




#42
 2,4,6-Tribromophenol
 Concen: 116.482 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.02 min
 Lab File: BF119513.D
 Acq: 25 Mar 2020 19:52

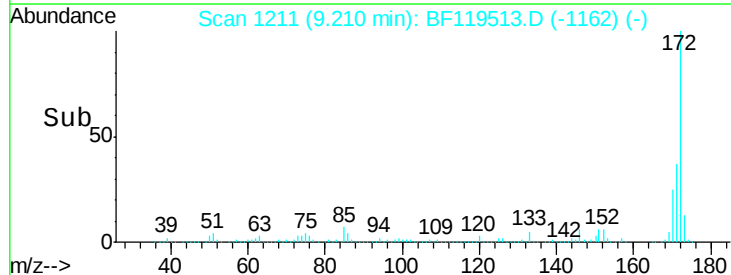
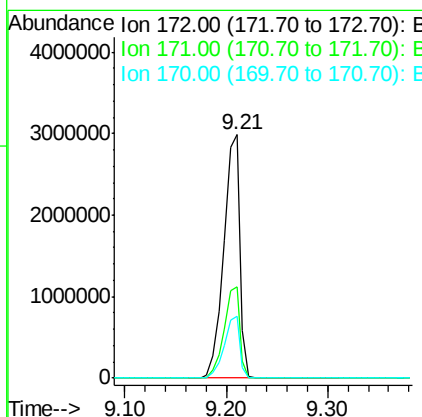
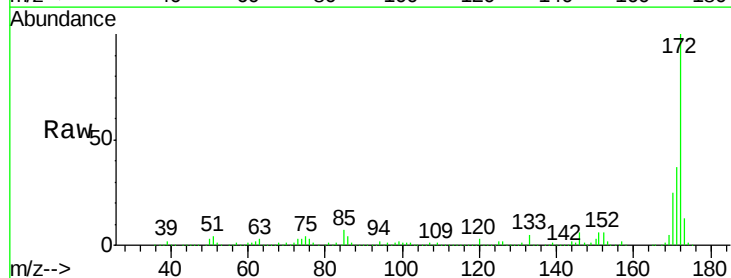
Instrument :
 BNA_F
 ClientSampleId :
 FE-SB-32-(8.5-9)

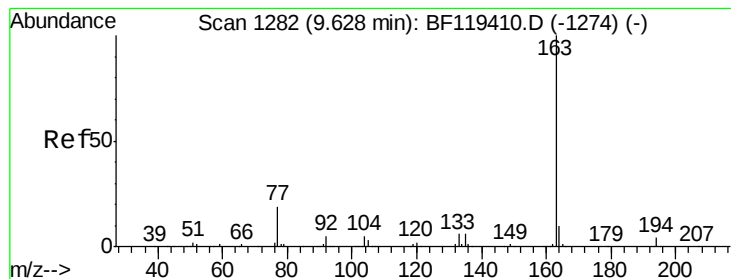
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.6	116.4
141	31.2	26.6	40.0



#45
 2-Fluorobiphenyl
 Concen: 65.792 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF119513.D
 Acq: 25 Mar 2020 19:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.9	44.9
170	25.3	20.1	30.1





#50

Dimethylphthalate

Concen: 9.082 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.03 min

Lab File: BF119513.D

Acq: 25 Mar 2020 19:52

Instrument :

BNA_F

ClientSampleId :

FE-SB-32-(8.5-9)

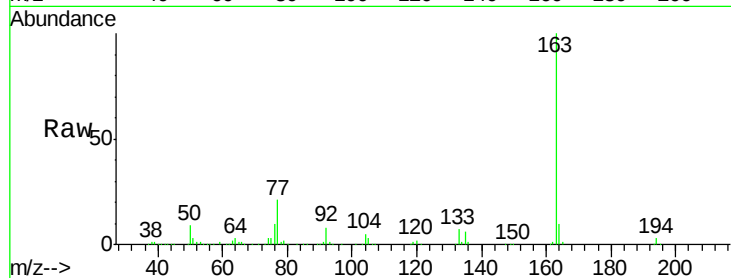
Tot Ion:163 Resp: 477375

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

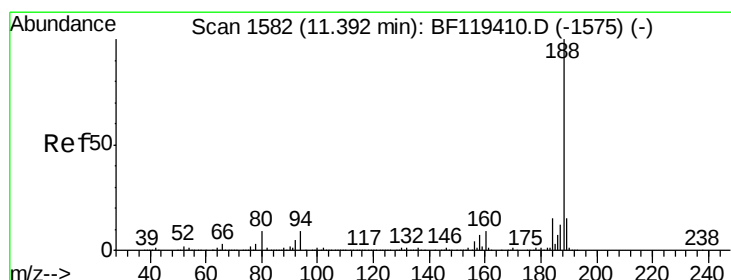
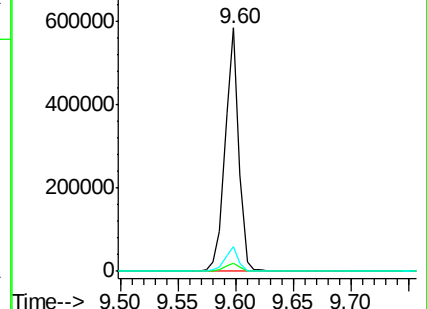
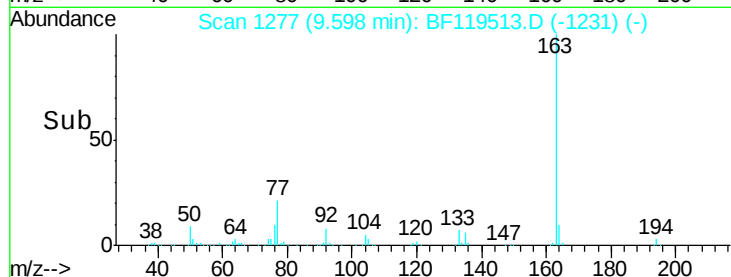
164 10.3 8.1 12.1



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: BF119513.D

Acq: 25 Mar 2020 19:52

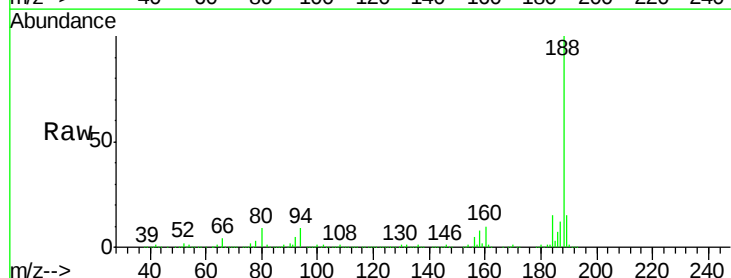
Tgt Ion:188 Resp: 1455516

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

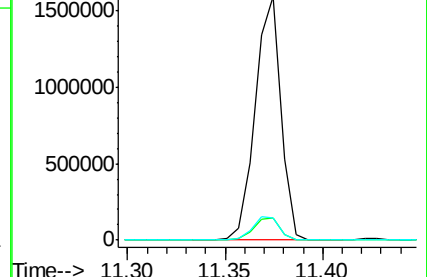
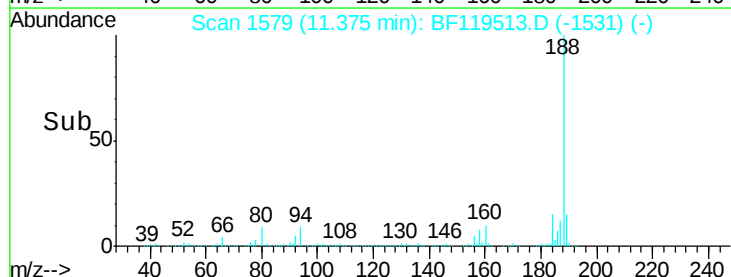
80 9.3 7.5 11.3

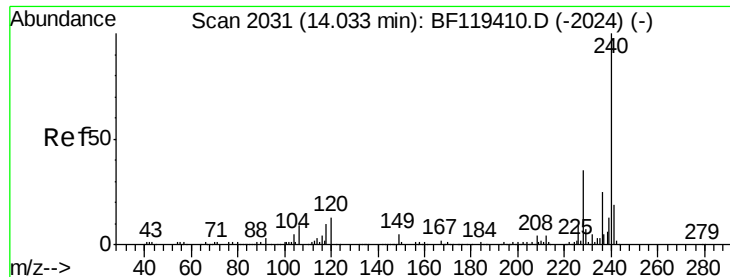


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF119513.D

Acq: 25 Mar 2020 19:52

Instrument :

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ClientSampleId :

FE-SB-32-(8.5-9)

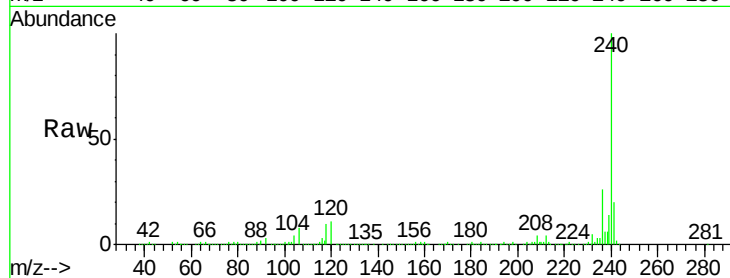
Tot Ion:240 Resp: 1102612

Ion Ratio Lower Upper

240 100

120 10.9 10.2 15.4

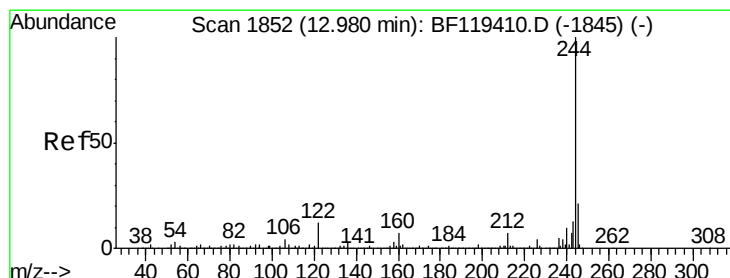
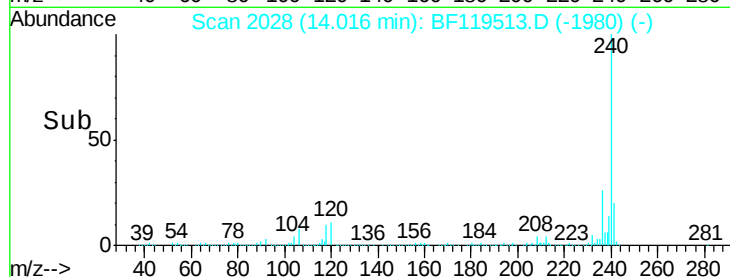
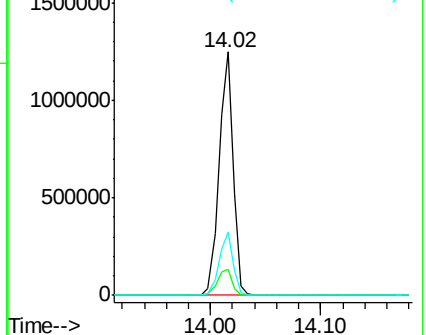
236 25.9 20.4 30.6



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: 64.366 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF119513.D

Acq: 25 Mar 2020 19:52

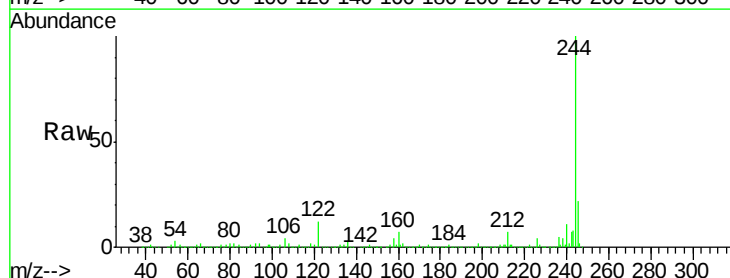
Tgt Ion:244 Resp: 3622422

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

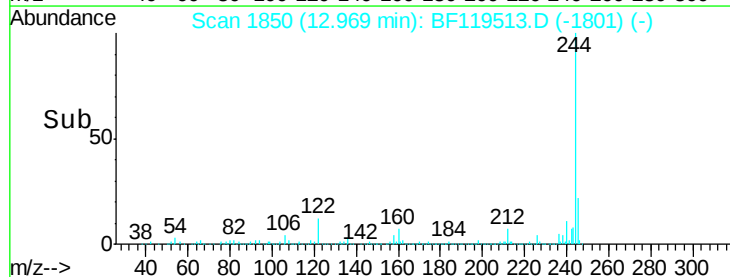
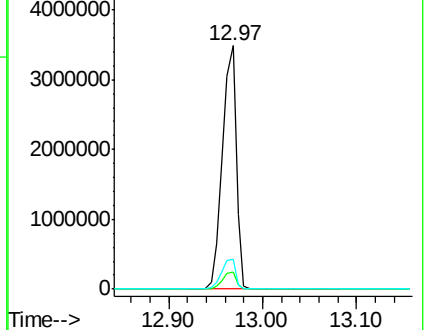
122 12.2 9.8 14.8

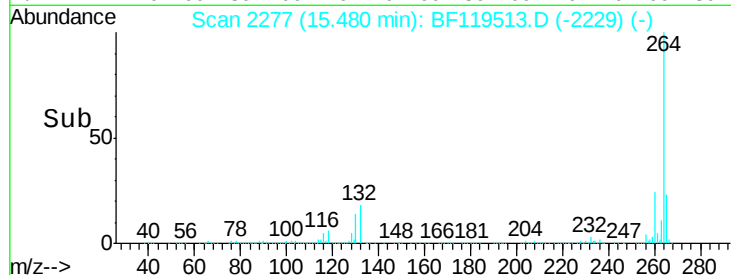
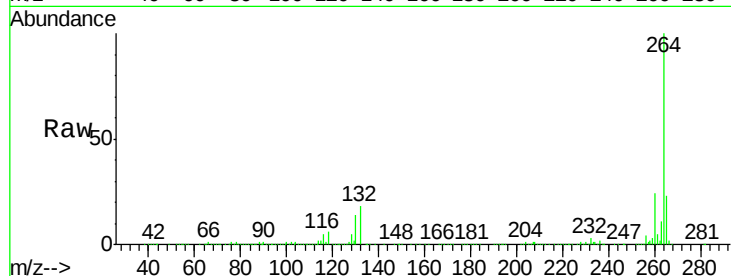
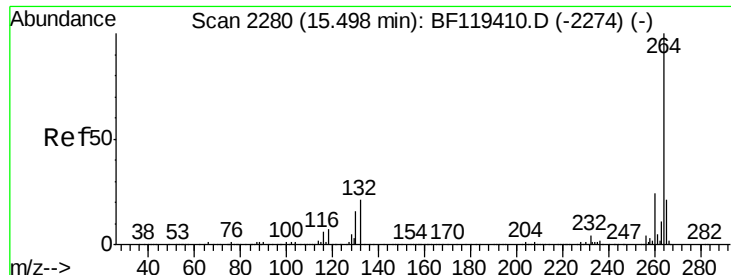


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF119513.D
 Acq: 25 Mar 2020 19:52

Instrument :
 BNA_F
 ClientSampleId :
 FE-SB-32-(8.5-9)

Tot Ion:	264	Resp:	934879
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	22.5	16.9	25.3

