

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118812.D
 Acq On : 4 Feb 2020 20:17
 Operator : CG/JU
 Sample : PB126588BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126588BL

Quant Time: Feb 05 06:54:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	274462	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1038882	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	600919	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	1167284	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	961980	20.00	ng	-0.02
87) Perylene-d12	15.40	264	904437	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1951525	134.59	ng	0.00
7) Phenol-d6	6.45	99	2348828	130.50	ng	0.00
23) Nitrobenzene-d5	7.37	82	1555022	89.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	988509	137.48	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	3091740	91.98	ng	-0.01
79) Terphenyl-d14	12.92	244	4182214	89.30	ng	-0.01

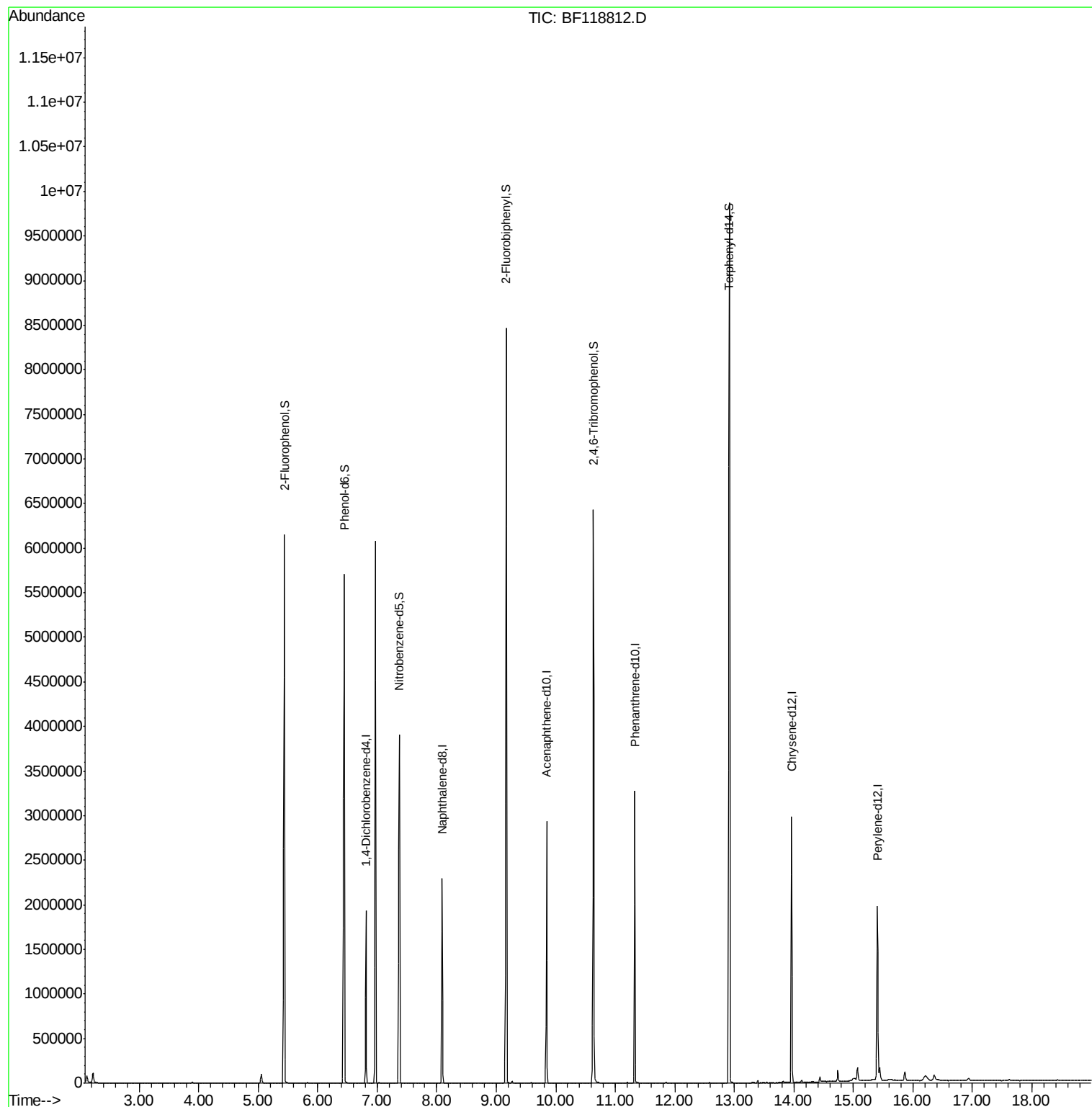
Target Compounds Qvalue

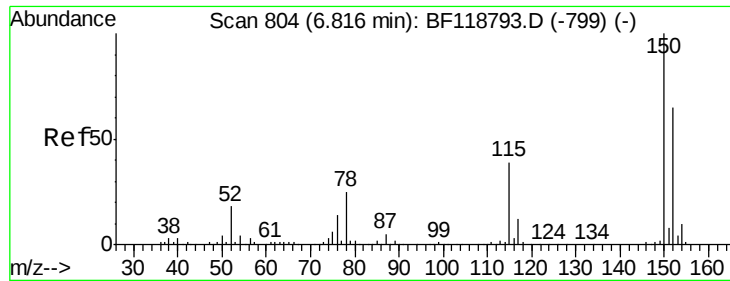
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



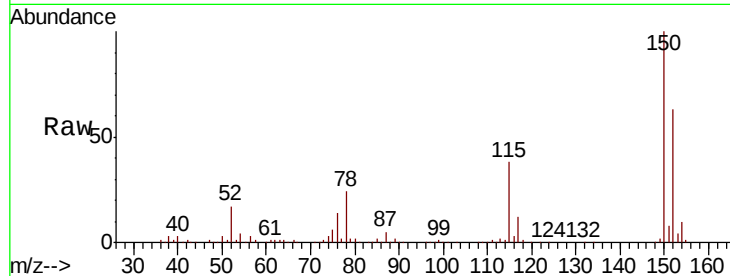


#1

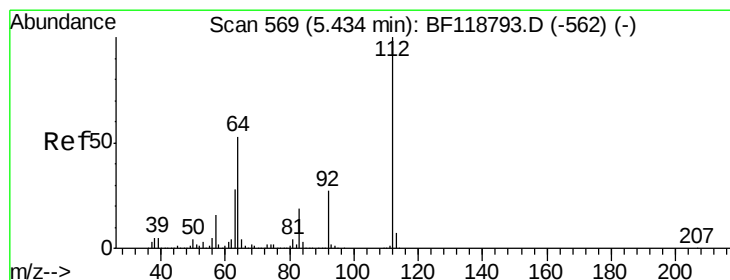
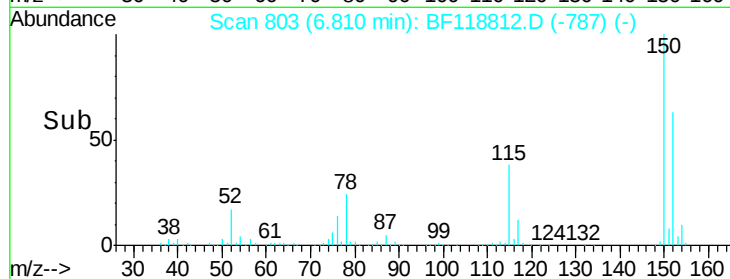
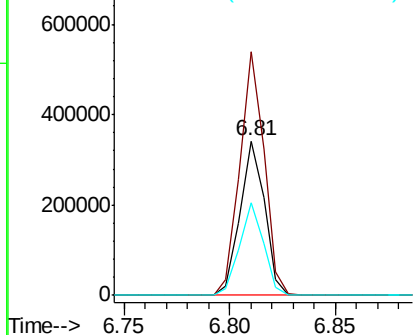
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF118812.D
 Acq: 4 Feb 2020 20:17

Instrument :
 BNA_F
 ClientSampleId :
 PB126588BL

Tot Ion:152 Resp: 274462
 Ion Ratio Lower Upper
 152 100
 150 157.7 123.6 185.4
 115 59.8 48.2 72.2



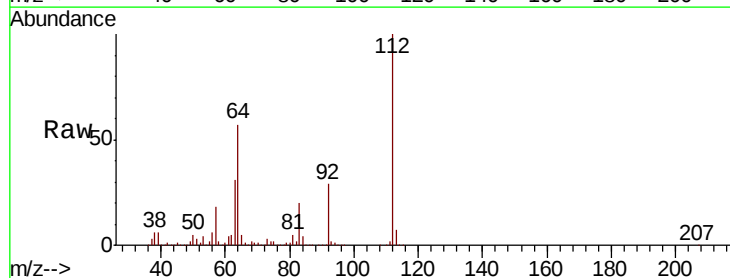
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



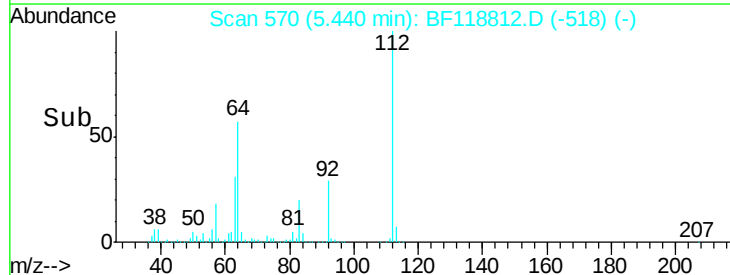
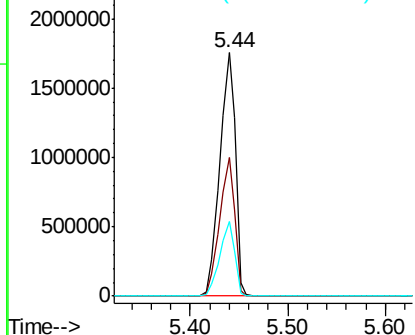
#5

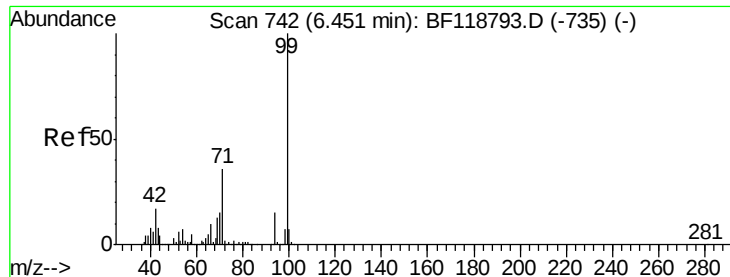
2-Fluorophenol
 Concen: 134.594 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: BF118812.D
 Acq: 4 Feb 2020 20:17

Tgt Ion:112 Resp: 1951525
 Ion Ratio Lower Upper
 112 100
 64 56.8 42.6 63.8
 63 30.8 22.2 33.4



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: 130.499 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118812.D

Acq: 4 Feb 2020 20:17

Instrument :

BNA_F

ClientSampleId :

PB126588BL

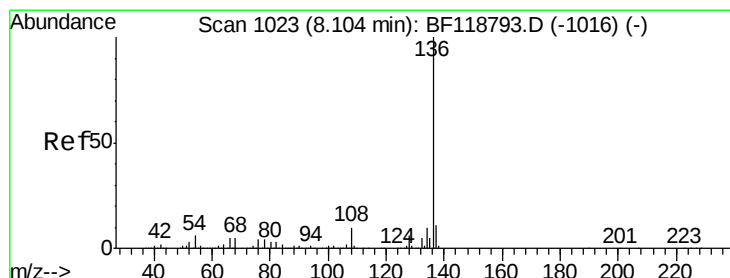
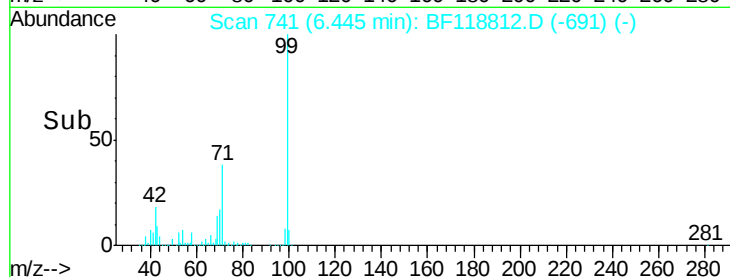
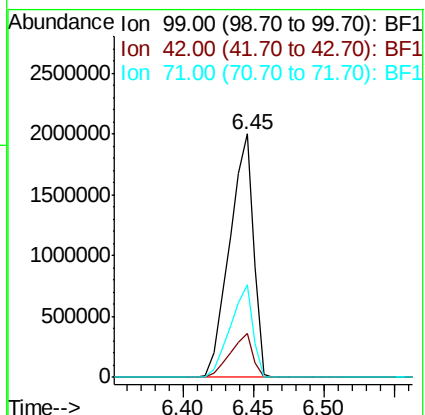
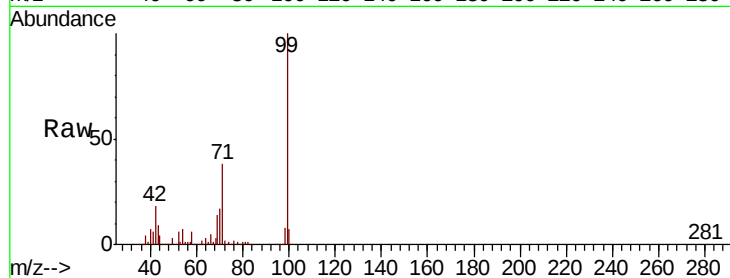
Tot Ion: 99 Resp: 2348828

Ion Ratio Lower Upper

99 100

42 17.8 13.4 20.0

71 38.1 29.0 43.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118812.D

Acq: 4 Feb 2020 20:17

Tgt Ion: 136 Resp: 1038882

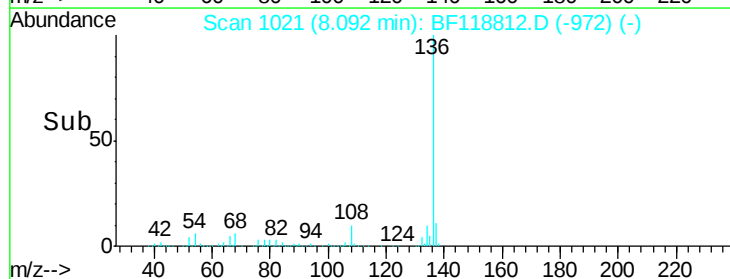
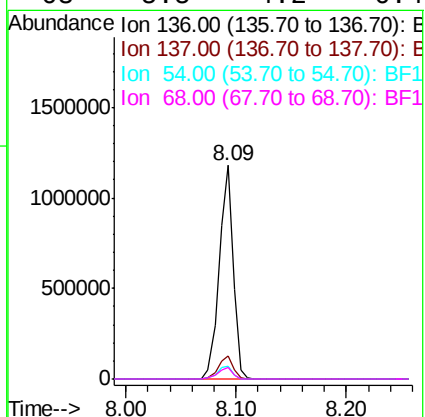
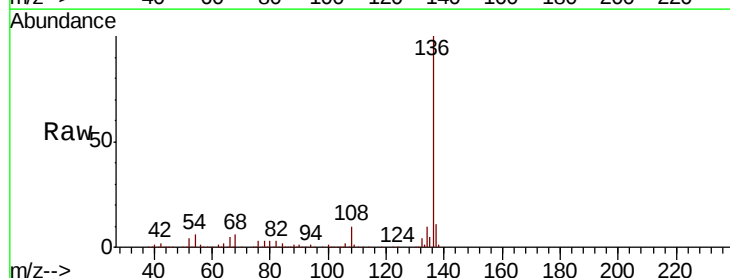
Ion Ratio Lower Upper

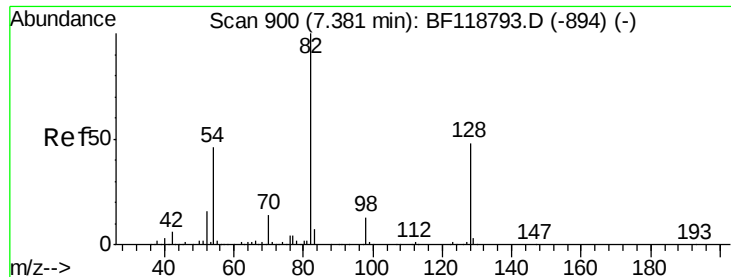
136 100

137 11.0 8.7 13.1

54 6.1 5.0 7.6

68 5.5 4.2 6.4

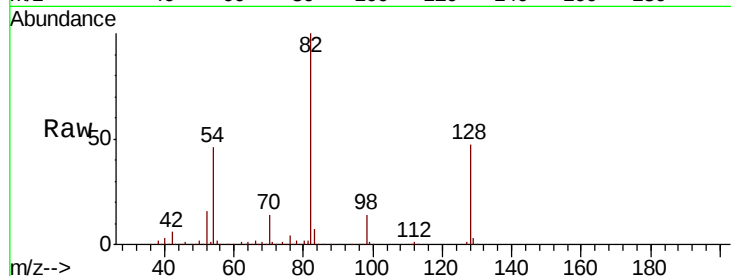




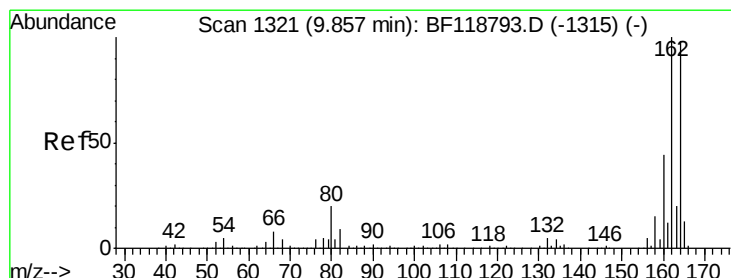
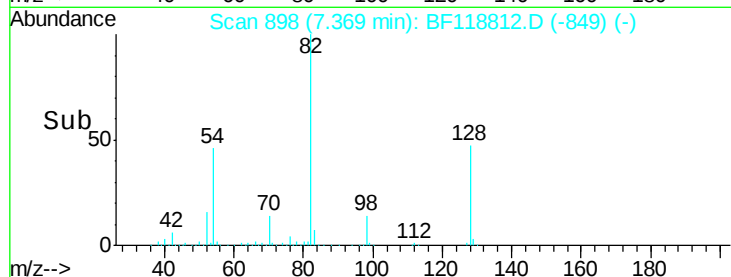
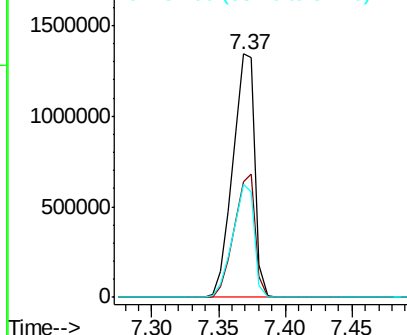
#23
Nitrobenzene-d5
Concen: 89.218 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118812.D
Acq: 4 Feb 2020 20:17

Instrument :
BNA_F
ClientSampleId :
PB126588BL

Tot Ion: 82 Resp: 1555022
Ion Ratio Lower Upper
82 100
128 47.5 38.5 57.7
54 46.4 36.7 55.1

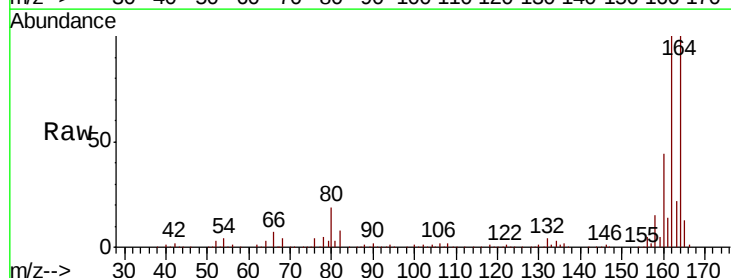


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

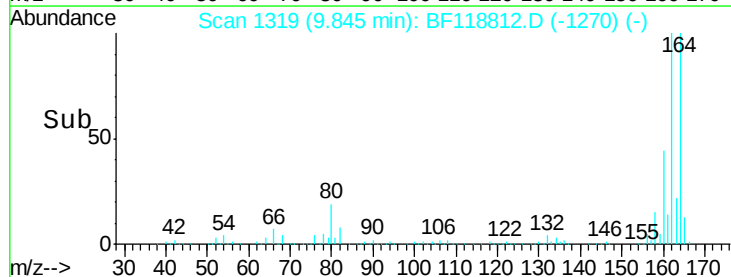
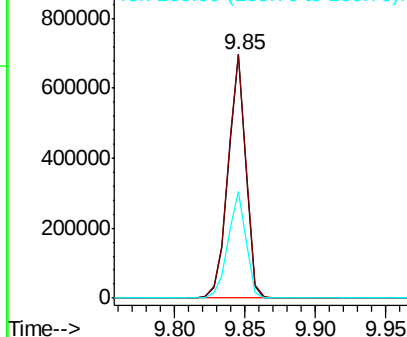


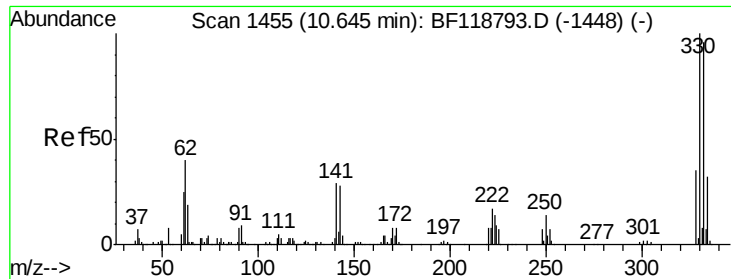
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118812.D
Acq: 4 Feb 2020 20:17

Tgt Ion: 164 Resp: 600919
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.2
160 44.0 35.6 53.4



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

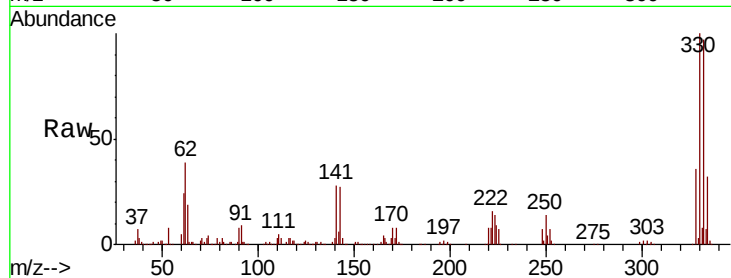




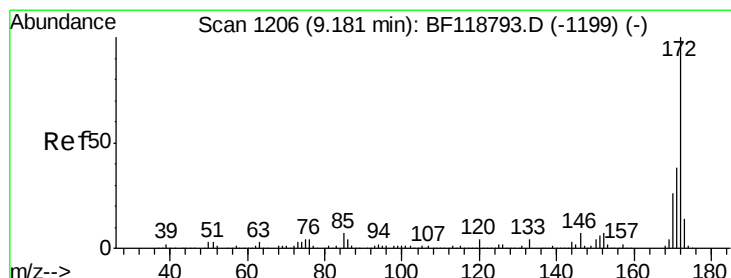
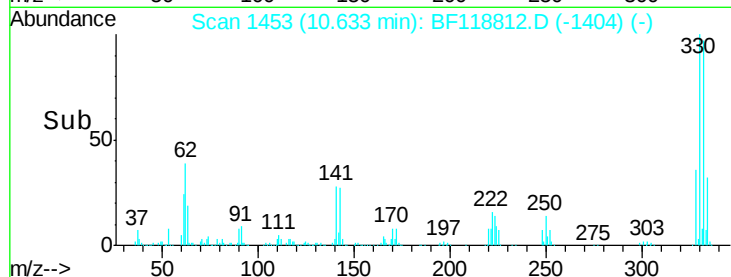
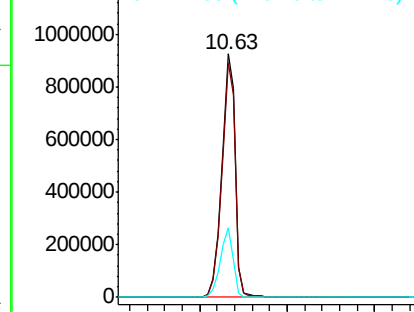
#42
 2,4,6-Tribromophenol
 Concen: 137.481 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF118812.D
 Acq: 4 Feb 2020 20:17

Instrument :
 BNA_F
 ClientSampleId :
 PB126588BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	27.3	22.4	33.6

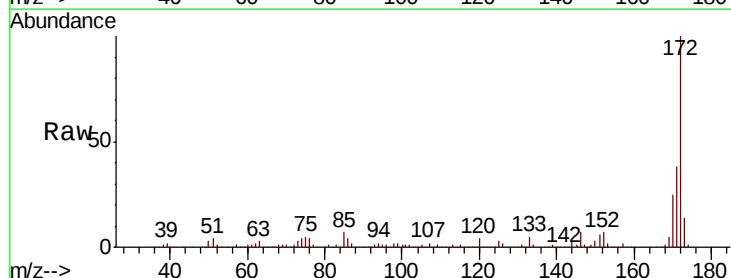


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

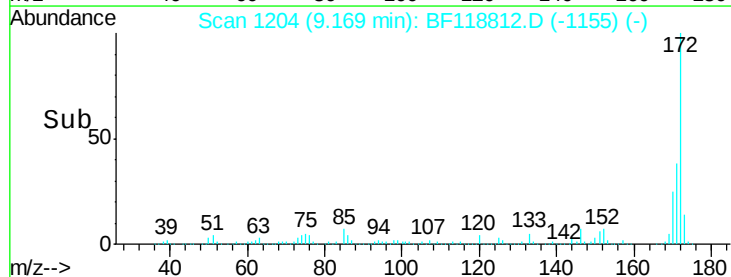
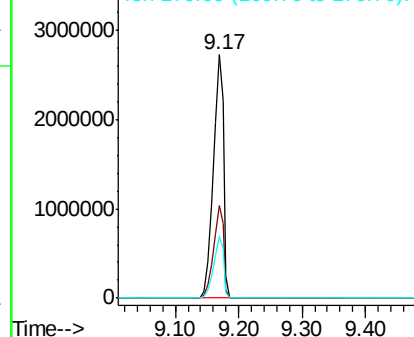


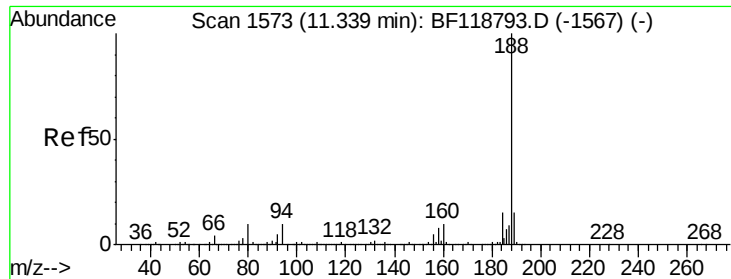
#45
 2-Fluorobiphenyl
 Concen: 91.977 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF118812.D
 Acq: 4 Feb 2020 20:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	25.5	20.5	30.7



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

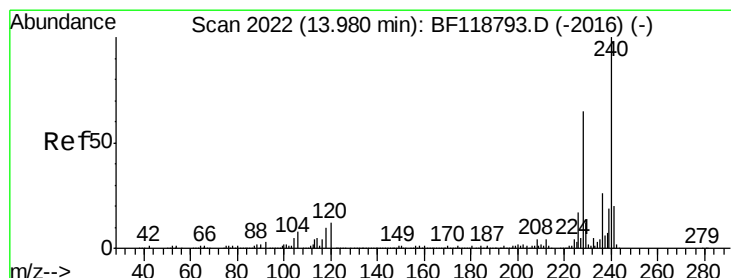
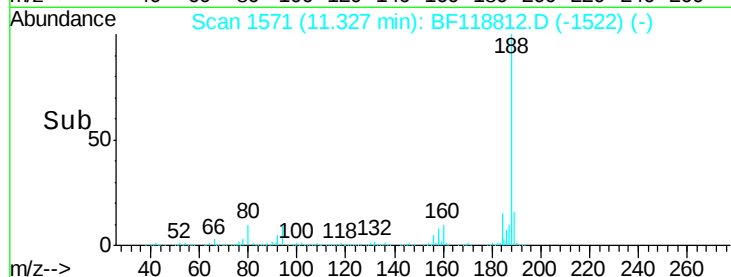
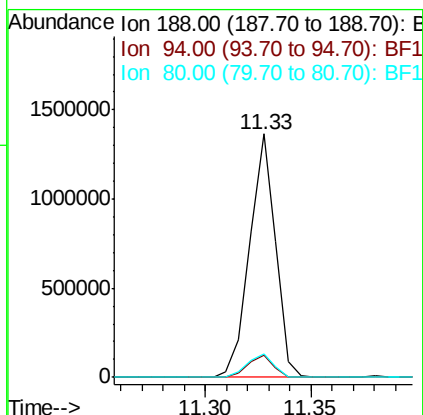
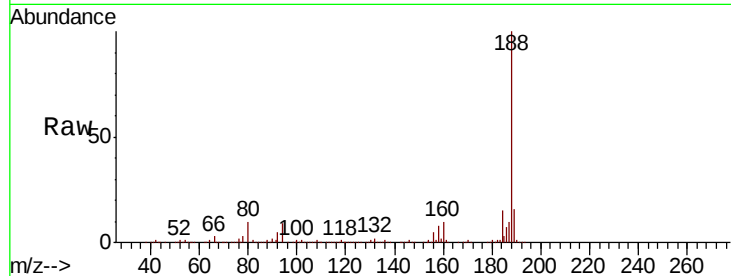




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118812.D
Acq: 4 Feb 2020 20:17

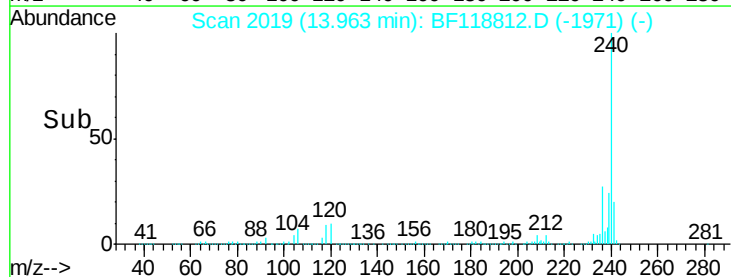
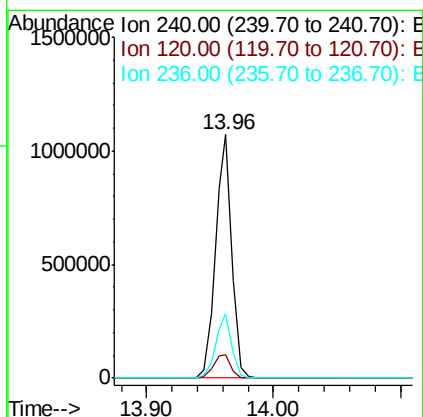
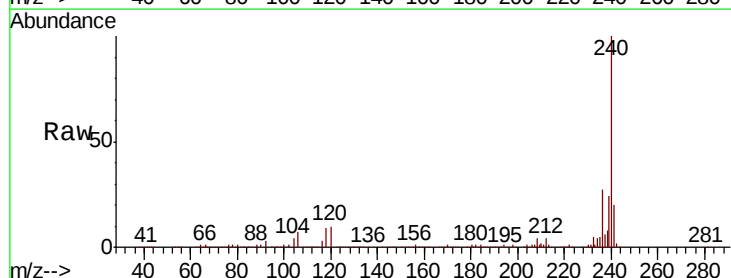
Instrument :
BNA_F
ClientSampleId :
PB126588BL

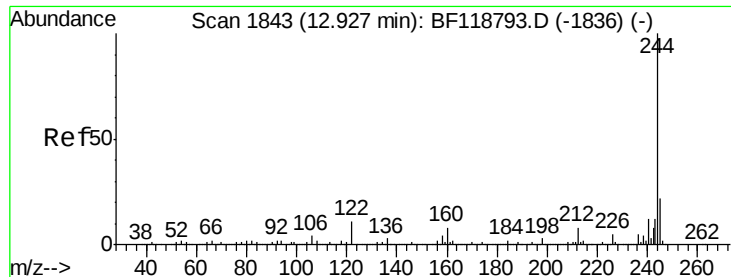
Tot Ion:188 Resp: 1167284
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 9.8 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF118812.D
Acq: 4 Feb 2020 20:17

Tgt Ion:240 Resp: 961980
Ion Ratio Lower Upper
240 100
120 9.8 9.4 14.0
236 26.5 21.0 31.6





#79

Terphenyl-d14

Concen: 89.300 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF118812.D

Acq: 4 Feb 2020 20:17

Instrument :

BNA_F

ClientSampleId :

PB126588BL

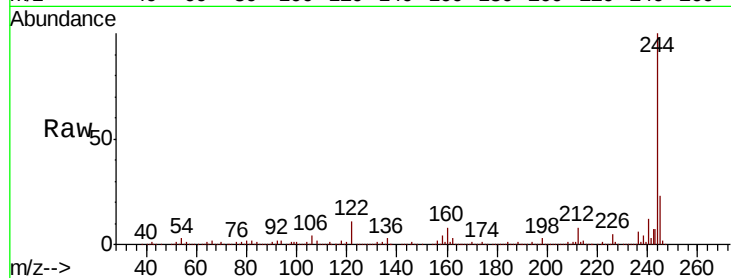
Tot Ion:244 Resp: 4182214

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

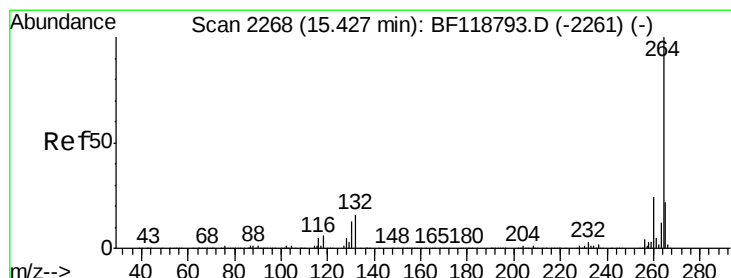
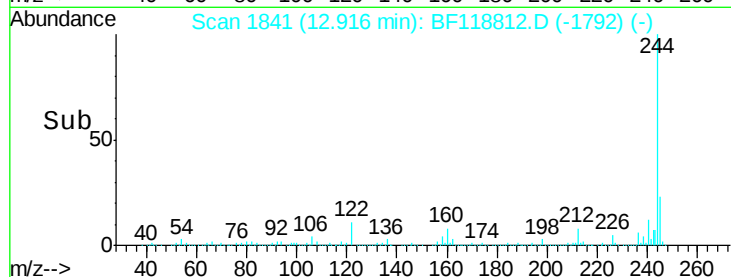
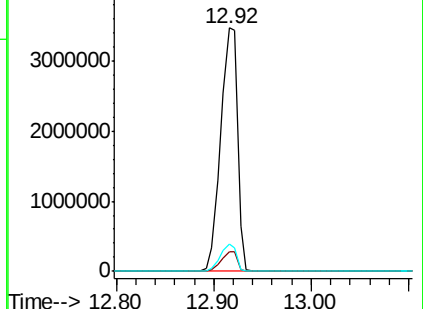
122 11.3 8.9 13.3



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: 15.40 min Scan# 2264

Delta R.T. -0.02 min

Lab File: BF118812.D

Acq: 4 Feb 2020 20:17

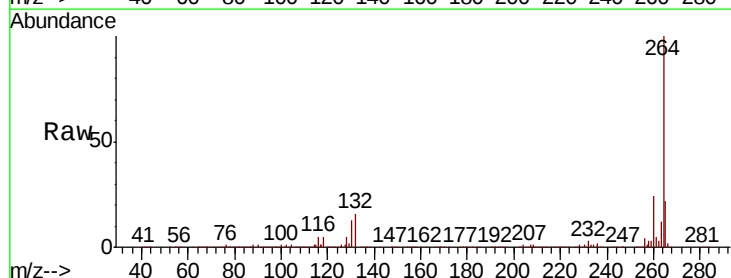
Tgt Ion:264 Resp: 904437

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 21.9 17.2 25.8



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

