

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
 Data File : BF119088.D
 Acq On : 26 Feb 2020 11:57
 Operator : CG/JU
 Sample : L1586-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0173-COMP-BT-A-MOD-ELUTRIATE

Quant Time: Feb 26 16:18:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

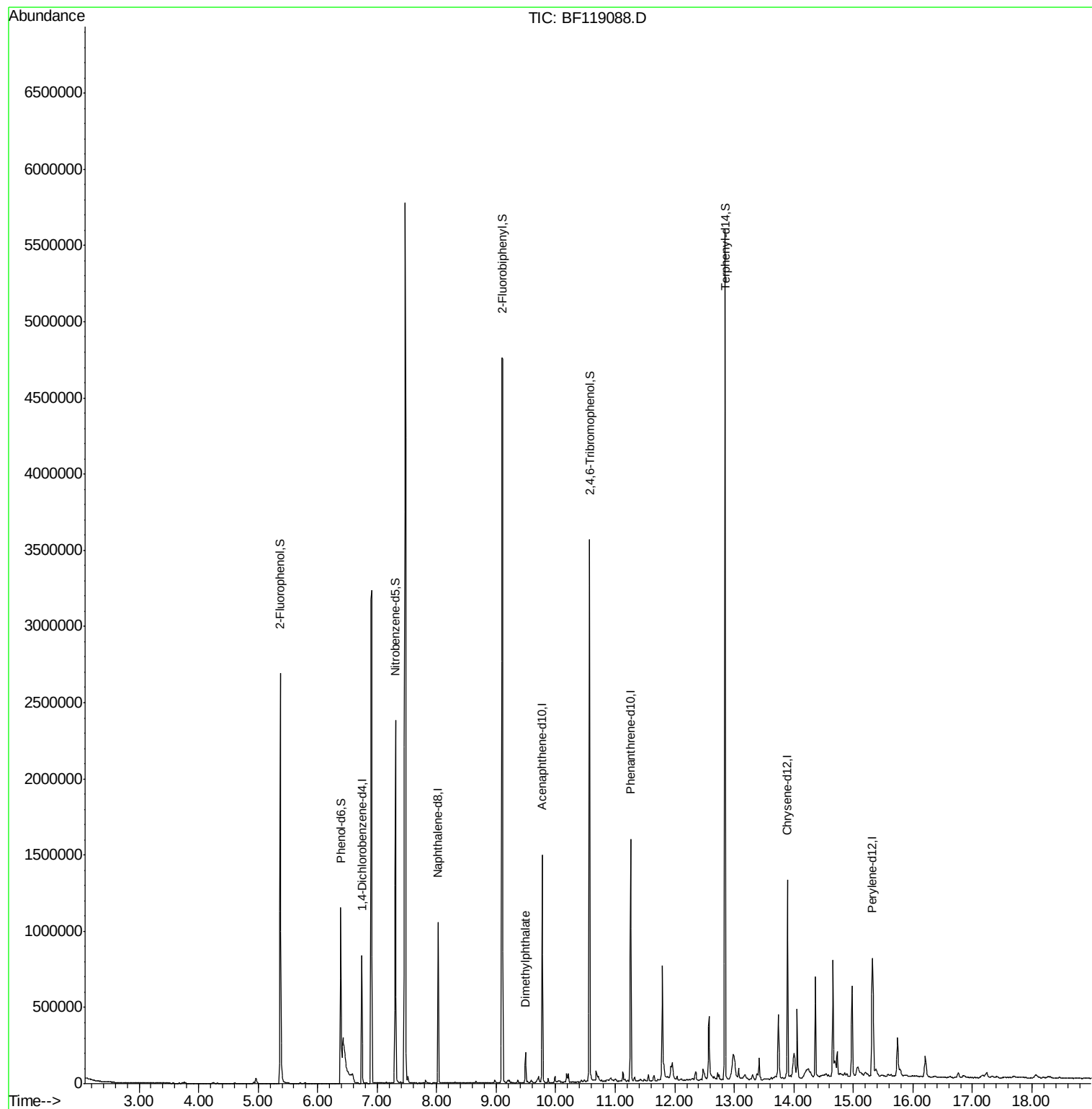
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	137644	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	527387	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	291099	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	550781	20.00	ng	0.00
76) Chrysene-d12	13.89	240	437582	20.00	ng	-0.01
87) Perylene-d12	15.32	264	339323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	875500	106.30	ng	0.00
7) Phenol-d6	6.39	99	482258	48.14	ng	-0.02
23) Nitrobenzene-d5	7.31	82	900410	90.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	526201	138.18	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1745743	88.35	ng	0.00
79) Terphenyl-d14	12.85	244	2154018	84.75	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	77604	3.486	ng	Qvalue 99

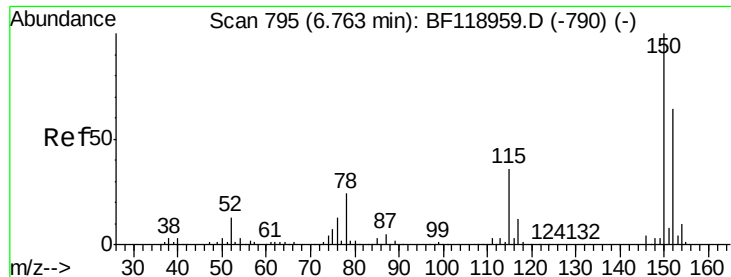
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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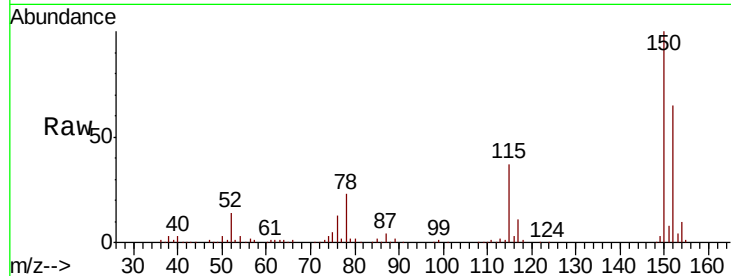


#1

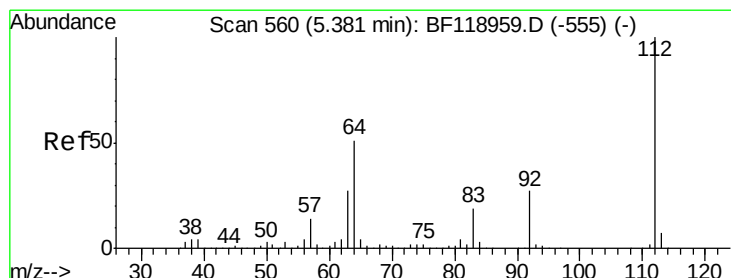
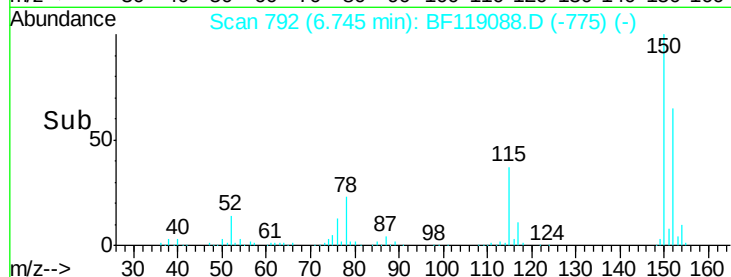
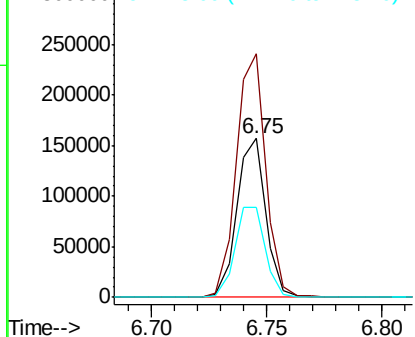
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF119088.D
Acq: 26 Feb 2020 11:57

Instrument :
BNA_F
ClientSampleId :
0173-COMP-BT-A-MOD-ELUTRIATE

Tot Ion:152 Resp: 137644
Ion Ratio Lower Upper
152 100
150 153.5 123.0 184.6
115 57.1 49.5 74.3



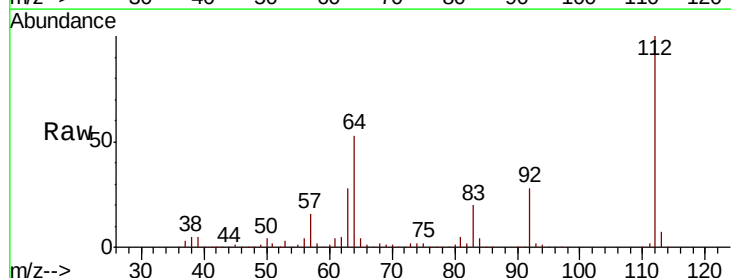
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



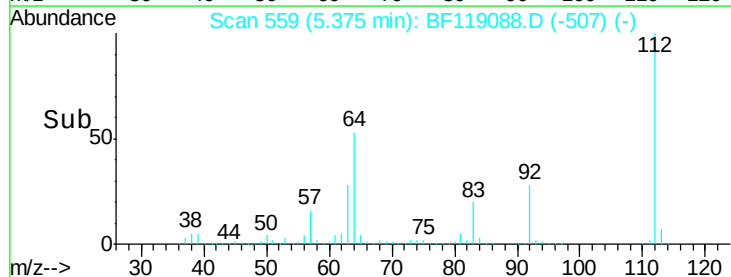
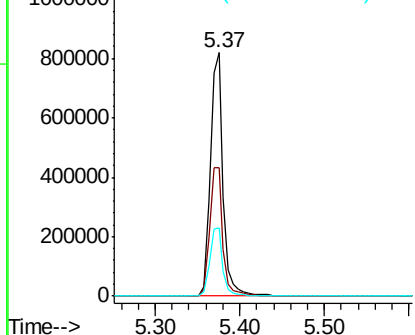
#5

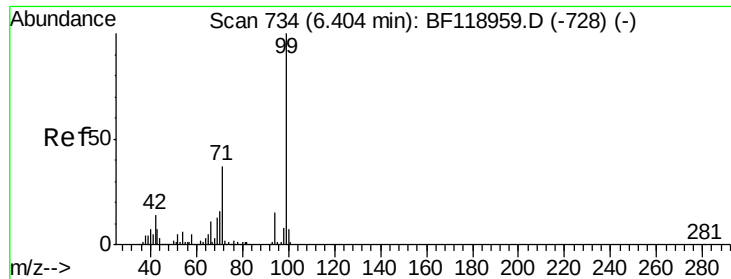
2-Fluorophenol
Concen: 106.297 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF119088.D
Acq: 26 Feb 2020 11:57

Tgt Ion:112 Resp: 875500
Ion Ratio Lower Upper
112 100
64 52.9 45.0 67.4
63 28.1 24.2 36.4



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: 48.144 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119088.D

Acq: 26 Feb 2020 11:57

Instrument :

BNA_F

ClientSampleId :

0173-COMP-BT-A-MOD-ELUTRIATE

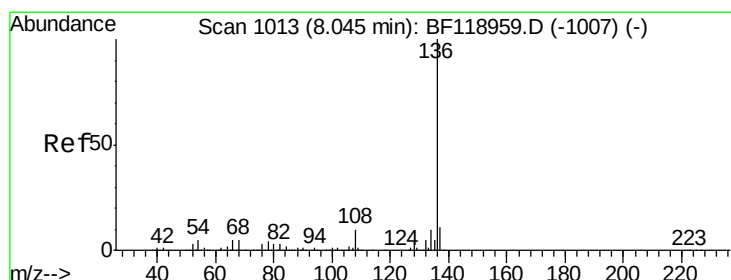
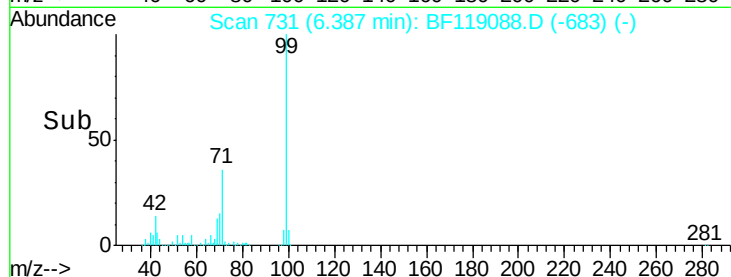
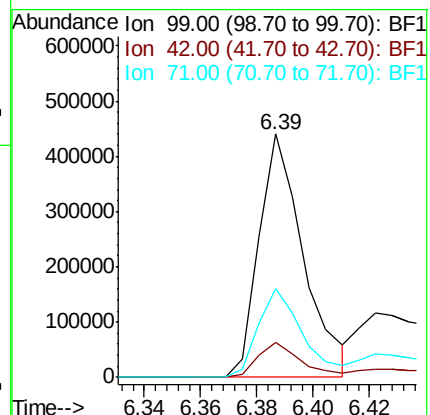
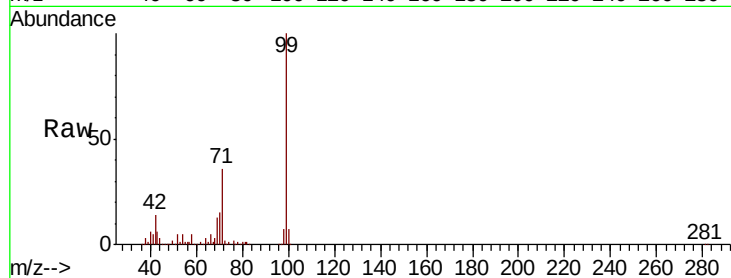
Tot Ion: 99 Resp: 482258

Ion Ratio Lower Upper

99 100

42 14.4 12.6 18.8

71 36.3 31.0 46.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119088.D

Acq: 26 Feb 2020 11:57

Tgt Ion: 136 Resp: 527387

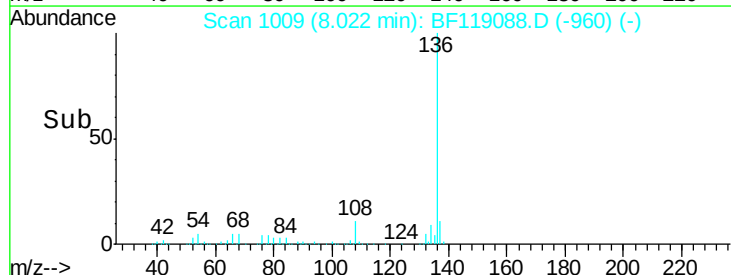
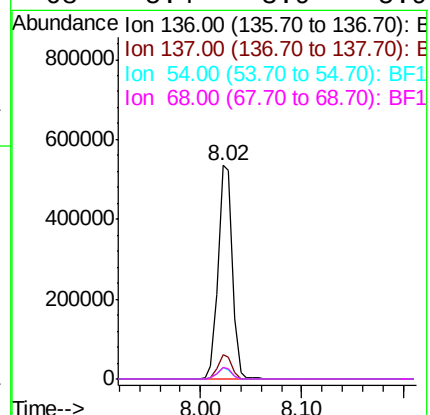
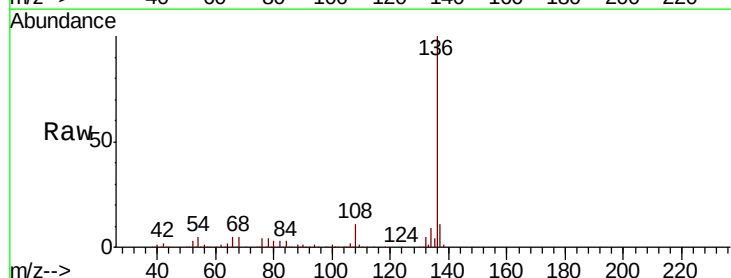
Ion Ratio Lower Upper

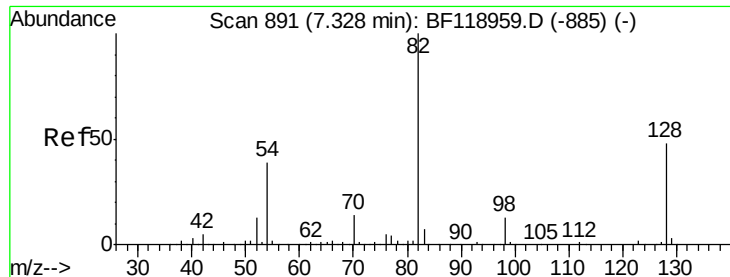
136 100

137 11.3 8.8 13.2

54 5.4 3.8 5.6

68 5.4 3.9 5.9

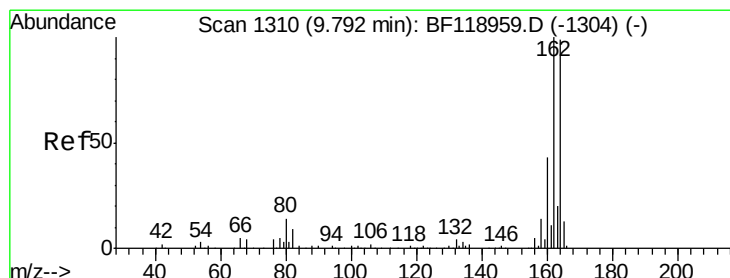
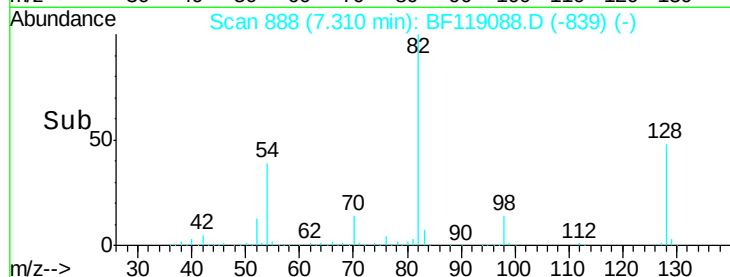
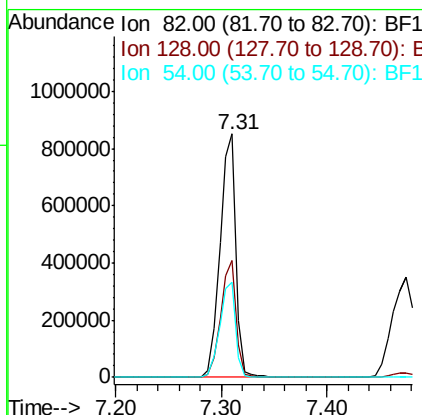
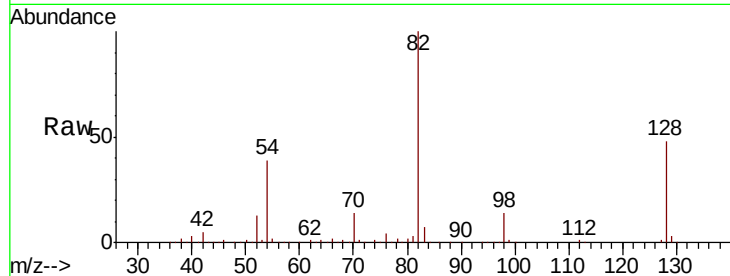




#23
 Nitrobenzene-d5
 Concen: 90.146 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF119088.D
 Acq: 26 Feb 2020 11:57

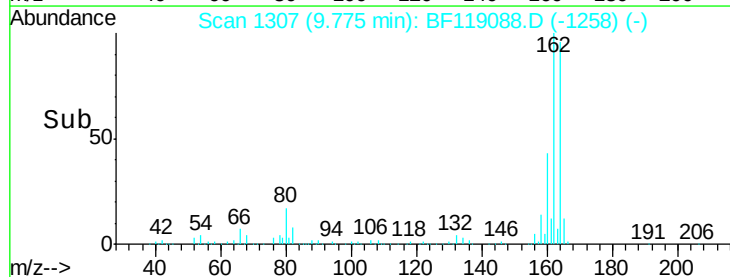
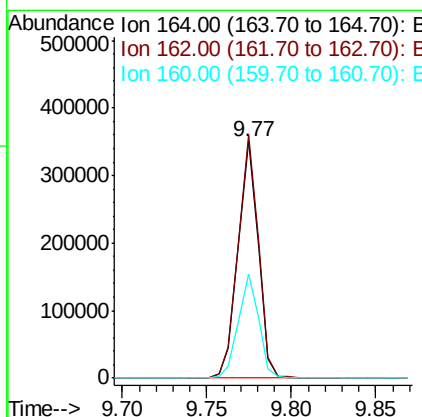
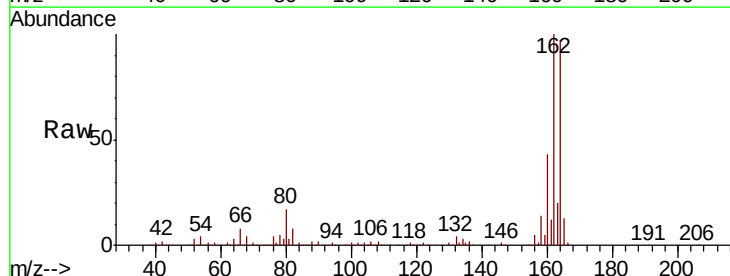
Instrument :
 BNA_F
 ClientSampleId :
 0173-COMP-BT-A-MOD-ELUTRIATE

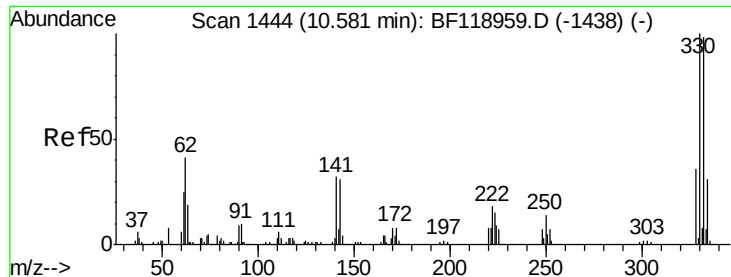
Tot Ion	82	Resp	900410
Ion Ratio	Lower	Upper	
82	100		
128	47.9	37.9	56.9
54	38.9	33.4	50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119088.D
 Acq: 26 Feb 2020 11:57

Tgt Ion	164	Resp	291099
Ion Ratio	Lower	Upper	
164	100		
162	102.7	81.8	122.8
160	44.1	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 138.181 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF119088.D

Acq: 26 Feb 2020 11:57

Instrument :

BNA_F

ClientSampleId :

0173-COMP-BT-A-MOD-ELUTRIATE

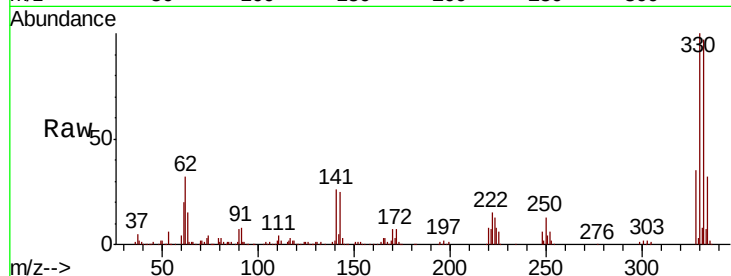
Tot Ion:330 Resp: 526201

Ion Ratio Lower Upper

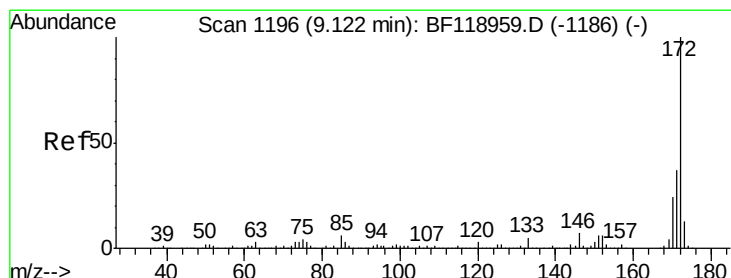
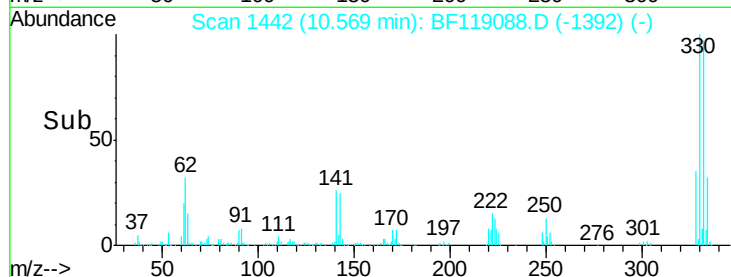
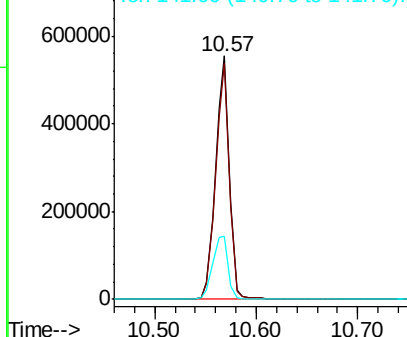
330 100

332 96.5 76.0 114.0

141 29.0 22.9 34.3



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: 88.347 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF119088.D

Acq: 26 Feb 2020 11:57

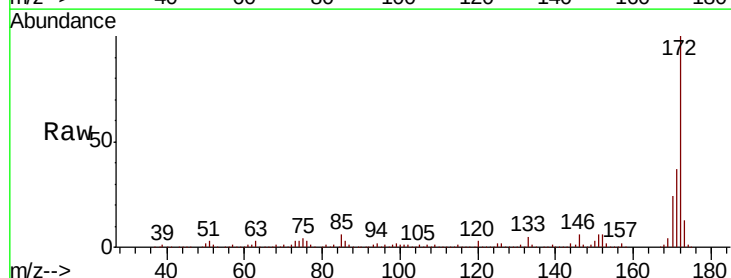
Tgt Ion:172 Resp: 1745743

Ion Ratio Lower Upper

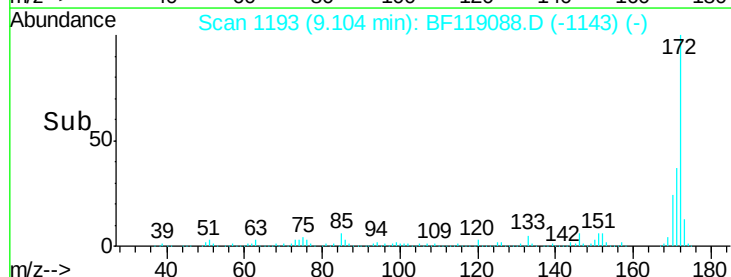
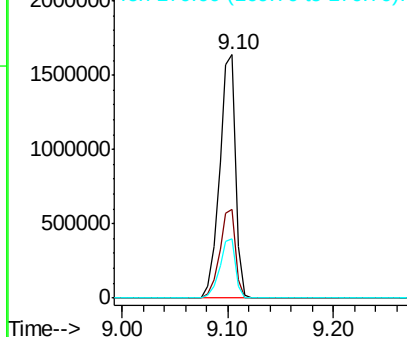
172 100

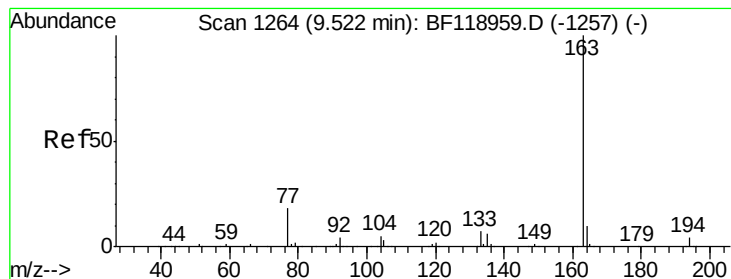
171 36.5 30.6 45.8

170 24.5 20.2 30.2



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: 3.486 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119088.D

Acq: 26 Feb 2020 11:57

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0173-COMP-BT-A-MOD-ELUTRIATE

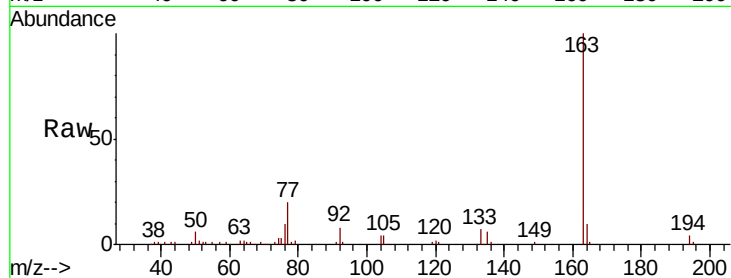
Tot Ion:163 Resp: 77604

Ion Ratio Lower Upper

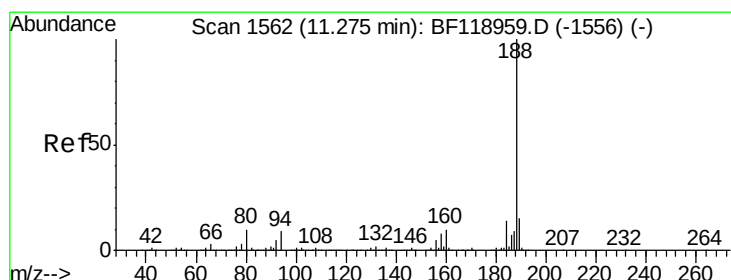
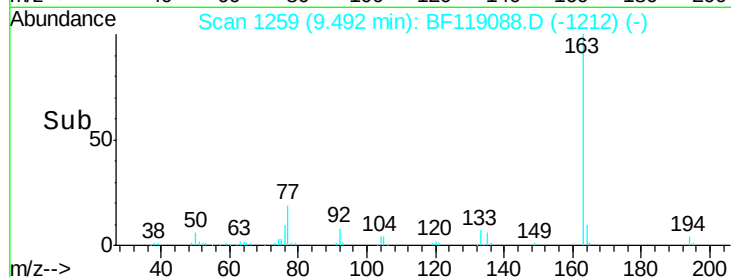
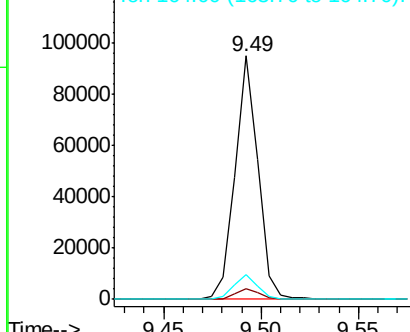
163 100

194 4.1 3.5 5.3

164 9.9 8.4 12.6



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: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF119088.D

Acq: 26 Feb 2020 11:57

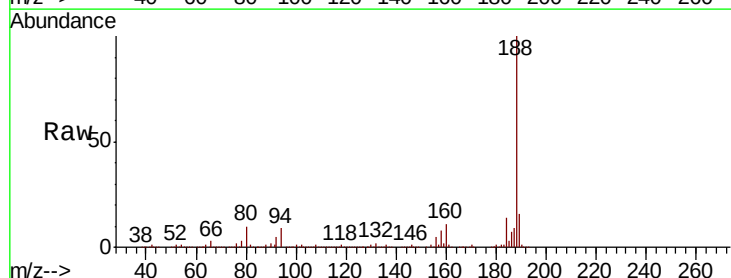
Tgt Ion:188 Resp: 550781

Ion Ratio Lower Upper

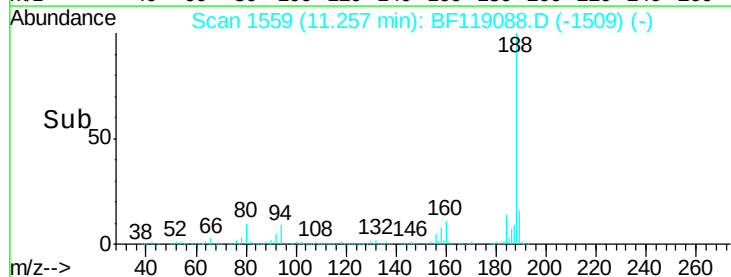
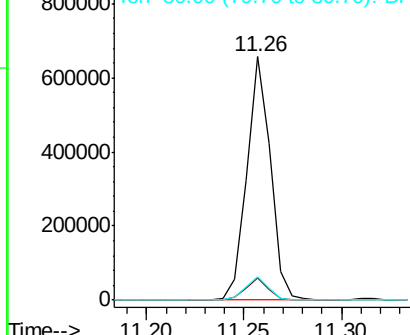
188 100

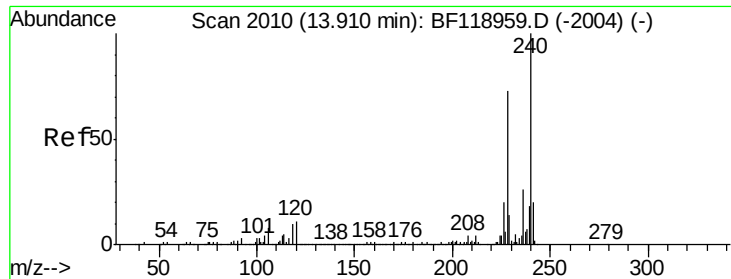
94 9.0 7.1 10.7

80 9.8 7.8 11.8



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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF119088.D

Acq: 26 Feb 2020 11:57

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0173-COMP-BT-A-MOD-ELUTRIATE

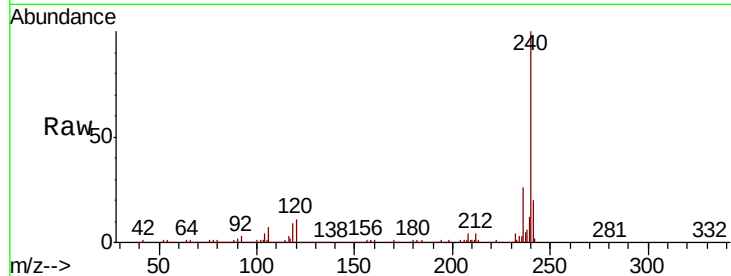
Tot Ion:240 Resp: 437582

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

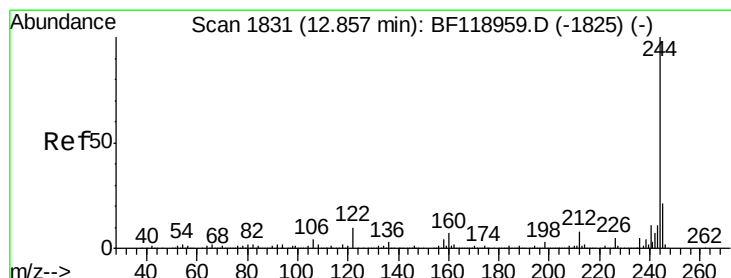
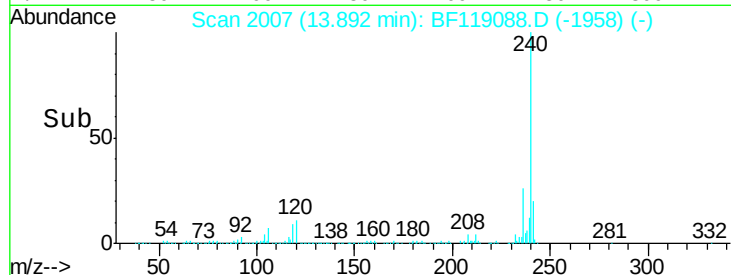
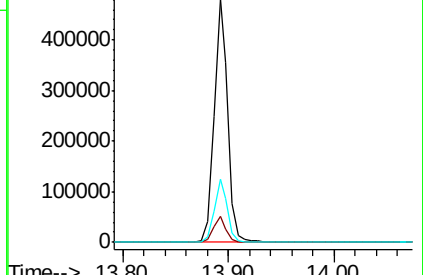
236 25.7 21.0 31.4



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: 84.750 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF119088.D

Acq: 26 Feb 2020 11:57

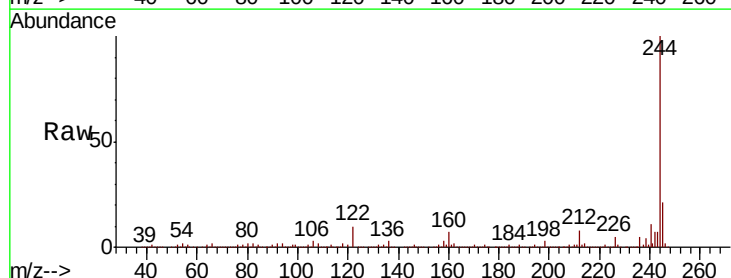
Tgt Ion:244 Resp: 2154018

Ion Ratio Lower Upper

244 100

212 7.7 6.6 10.0

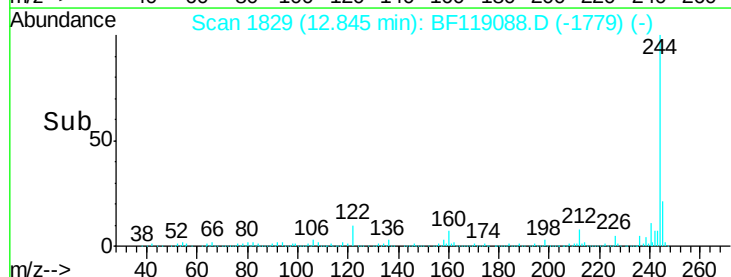
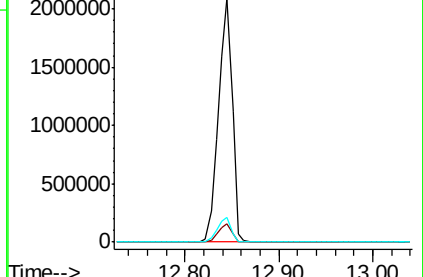
122 9.9 8.2 12.2

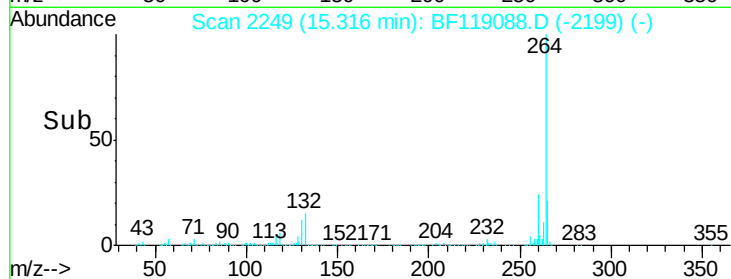
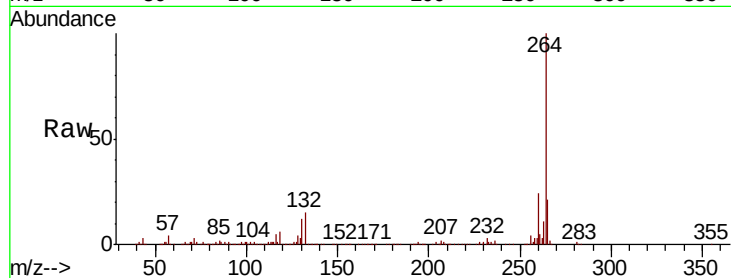
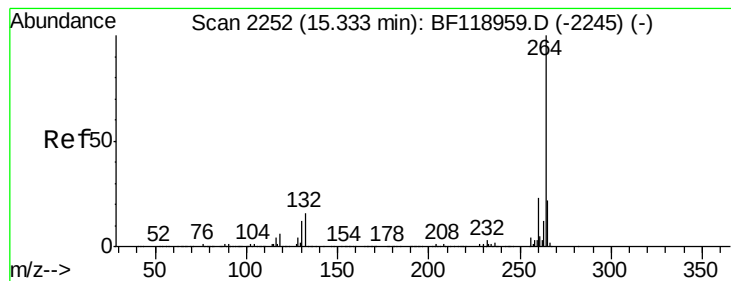


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2249

Delta R.T. -0.01 min

Lab File: BF119088.D

Acq: 26 Feb 2020 11:57

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:264 Resp: 339323

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.3 17.7 26.5

