

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092420\
 Data File : BF121687.D
 Acq On : 24 Sep 2020 17:52
 Operator : JU/CG
 Sample : L4133-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW1S

Quant Time: Sep 24 19:05:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	143082	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	559282	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	297065	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	586935	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	552790	20.00	ng	-0.01
86) Perylene-d12	15.42	264	474274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	575918	59.82	ng	0.00
7) Phenol-d6	6.44	99	469246	37.15	ng	-0.01
23) Nitrobenzene-d5	7.37	82	995234	95.54	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	514341	139.31	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1624386	82.82	ng	0.00
79) Terphenyl-d14	12.92	244	2230516	81.75	ng	0.00

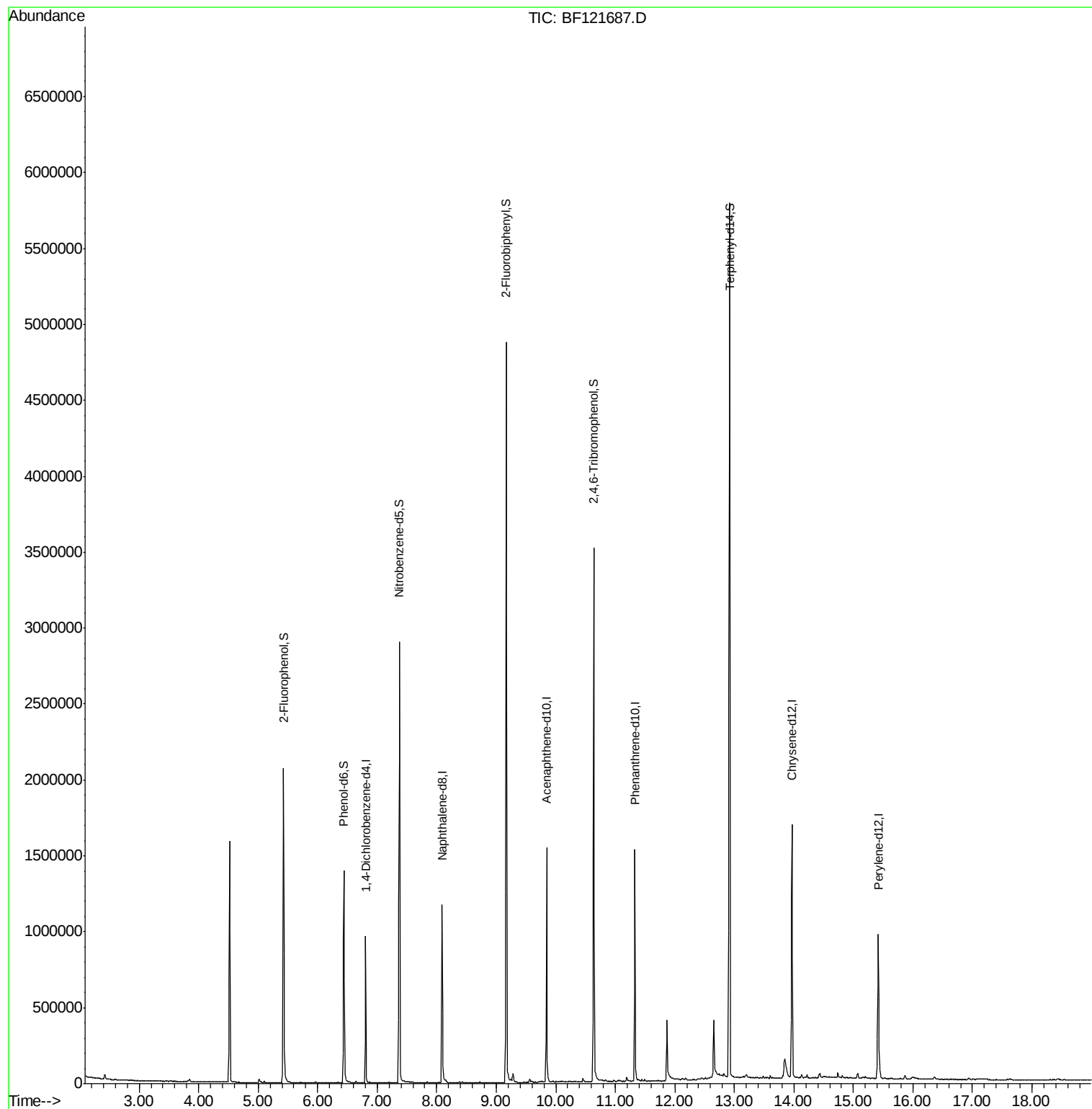
Target Compounds Qvalue

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

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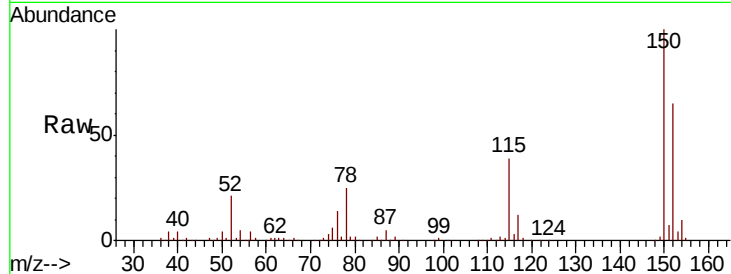


#1

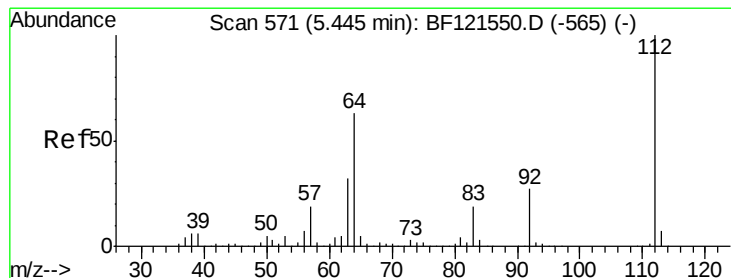
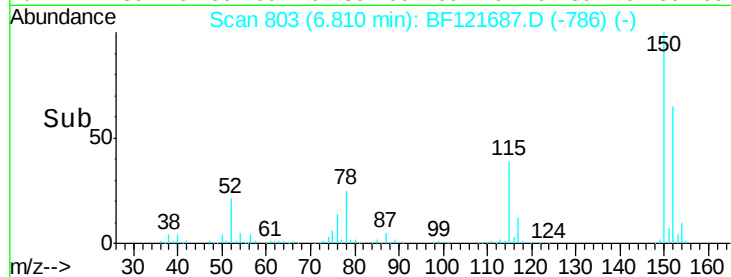
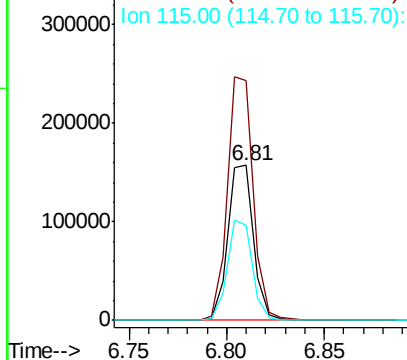
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF121687.D
Acq: 24 Sep 2020 17:52

Instrument :
BNA_F
ClientSampleId :
MW1S

Tot Ion:152 Resp: 143082
Ion Ratio Lower Upper
152 100
150 154.7 128.1 192.1
115 61.1 52.6 79.0



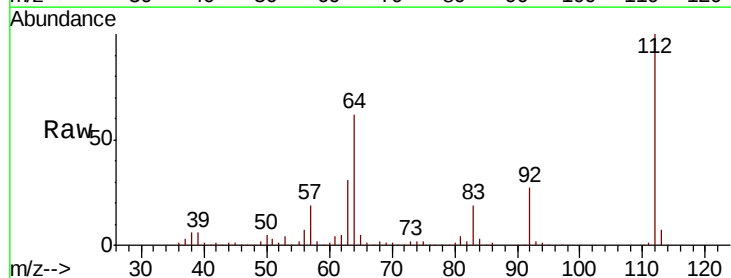
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



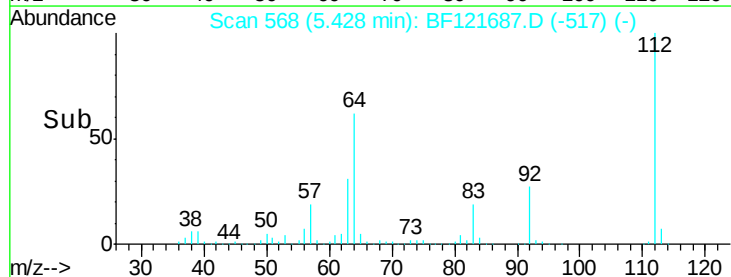
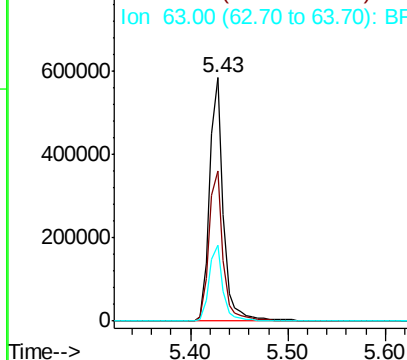
#5

2-Fluorophenol
Concen: 59.818 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF121687.D
Acq: 24 Sep 2020 17:52

Tgt Ion:112 Resp: 575918
Ion Ratio Lower Upper
112 100
64 61.9 52.2 78.2
63 31.5 26.6 39.8



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: 37.150 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121687.D

Acq: 24 Sep 2020 17:52

Instrument :

BNA_F

ClientSampleId :

MW1S

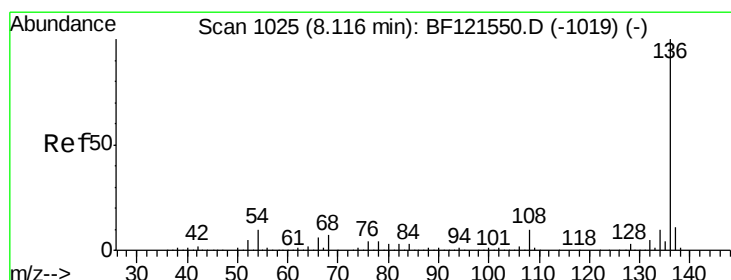
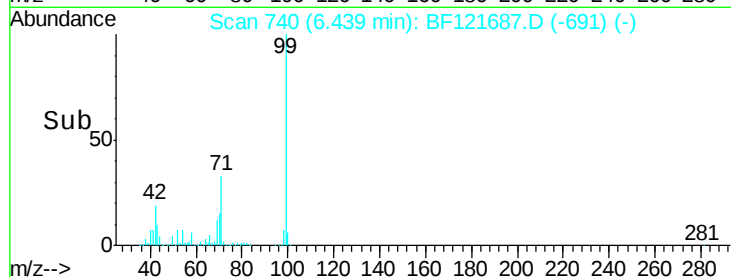
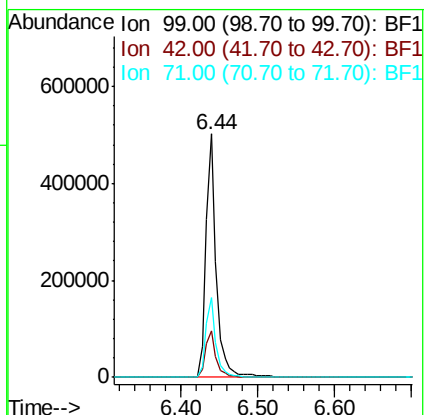
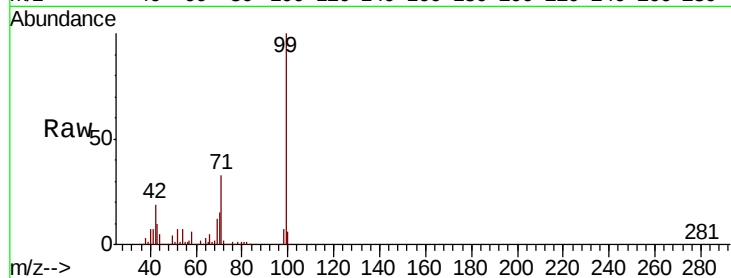
Tot Ion: 99 Resp: 469246

Ion Ratio Lower Upper

99 100

42 19.2 15.5 23.3

71 32.8 27.4 41.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121687.D

Acq: 24 Sep 2020 17:52

Tgt Ion: 136 Resp: 559282

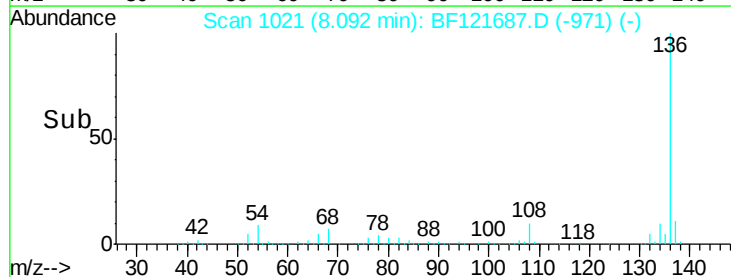
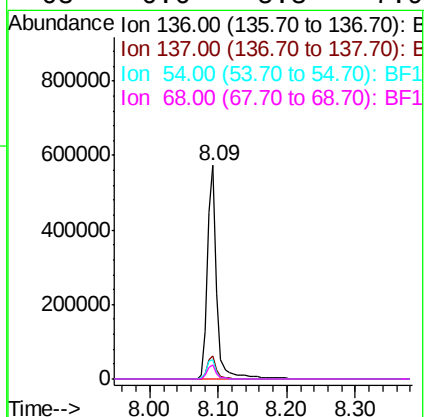
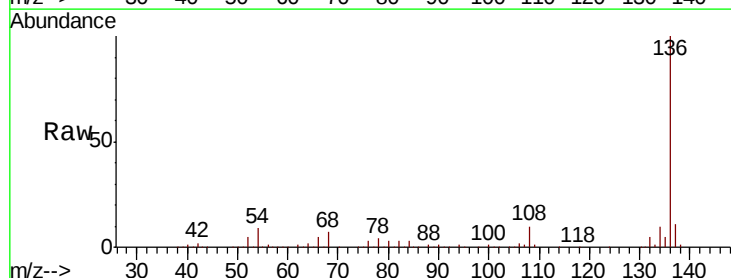
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.9 7.4 11.0

68 6.6 5.3 7.9

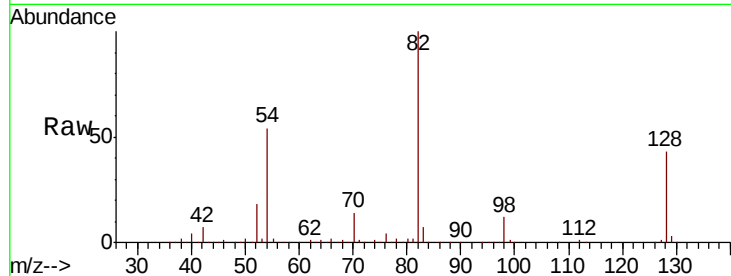




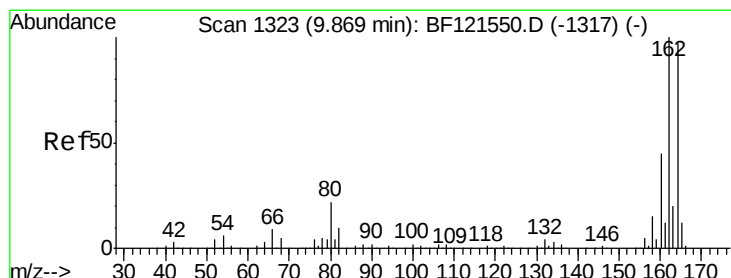
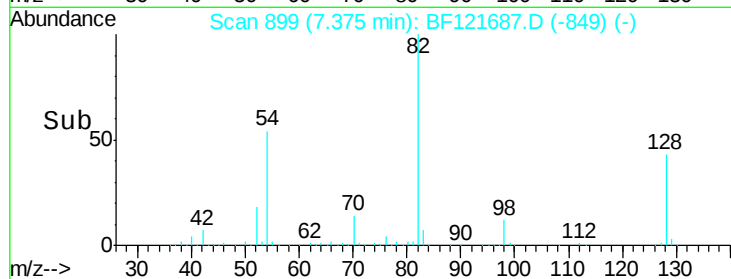
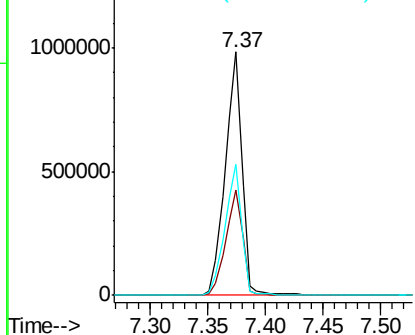
#23
 Nitrobenzene-d5
 Concen: 95.544 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121687.D
 Acq: 24 Sep 2020 17:52

Instrument :
 BNA_F
 ClientSampled :
 MW1S

Tot Ion	82	Resp	995234
Ion Ratio	Lower	Upper	
82	100		
128	43.1	33.9	50.9
54	53.6	42.9	64.3

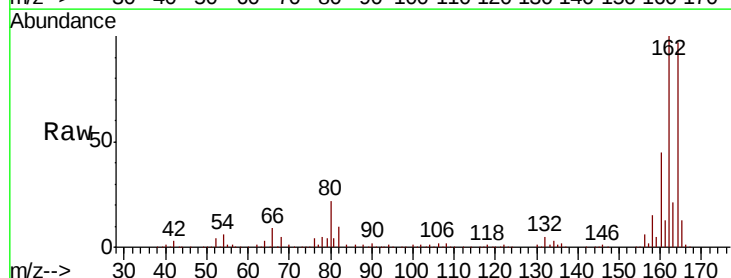


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

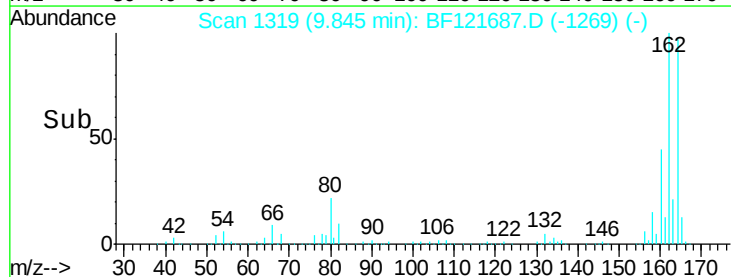
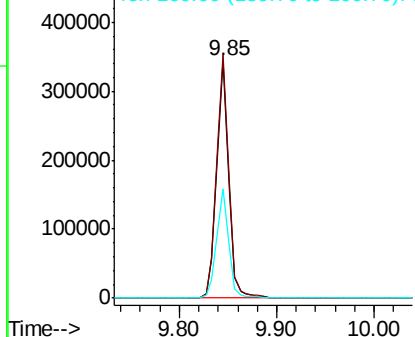


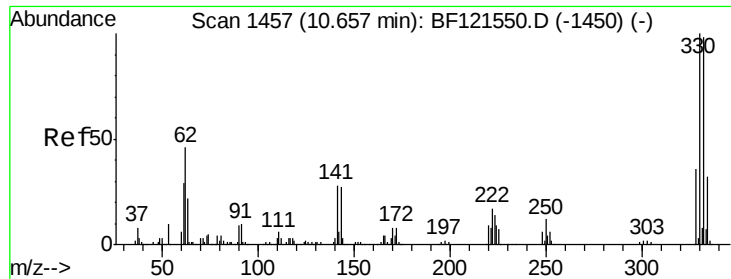
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121687.D
 Acq: 24 Sep 2020 17:52

Tgt Ion	164	Resp	297065
Ion Ratio	Lower	Upper	
164	100		
162	102.6	81.2	121.8
160	46.2	36.2	54.4



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: 139.308 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF121687.D

Acq: 24 Sep 2020 17:52

Instrument :

BNA_F

ClientSampleId :

MW1S

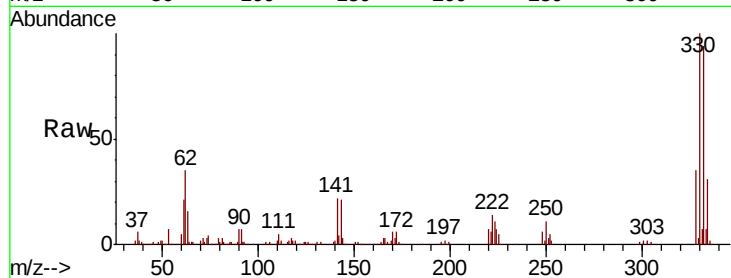
Tot Ion:330 Resp: 514341

Ion Ratio Lower Upper

330 100

332 95.2 76.9 115.3

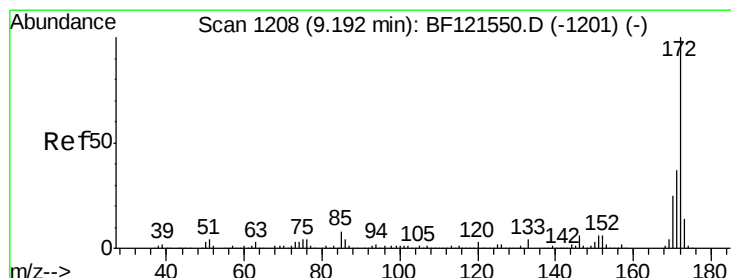
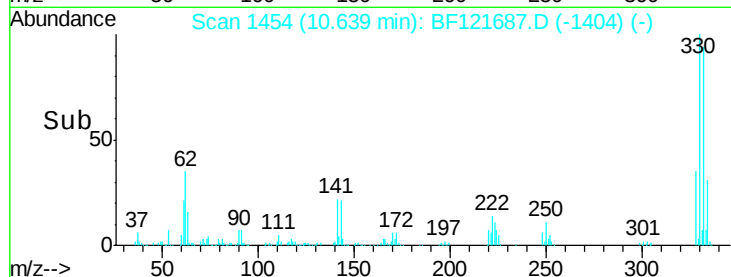
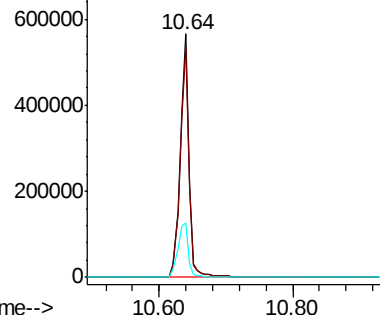
141 26.8 22.4 33.6



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: 82.816 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF121687.D

Acq: 24 Sep 2020 17:52

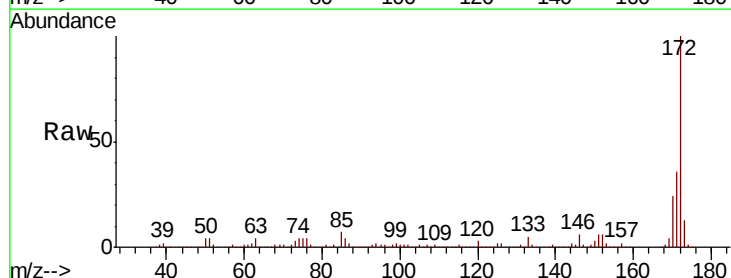
Tgt Ion:172 Resp: 1624386

Ion Ratio Lower Upper

172 100

171 36.5 29.3 43.9

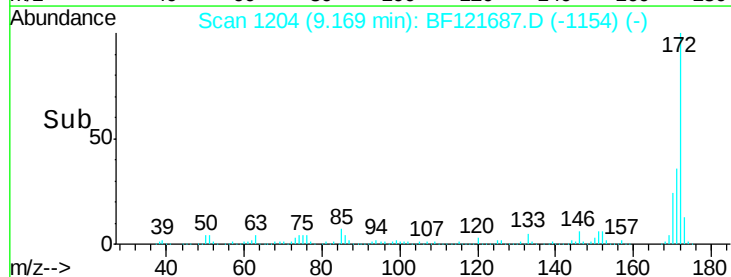
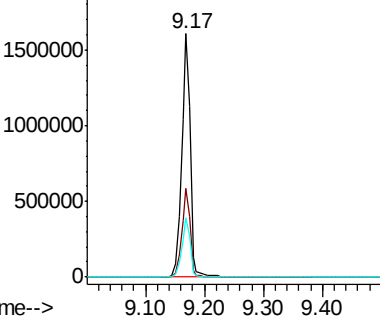
170 24.4 19.5 29.3

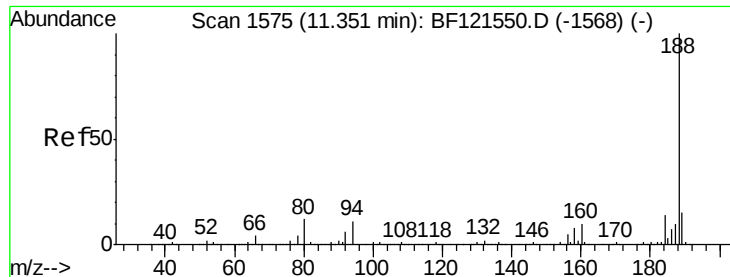


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

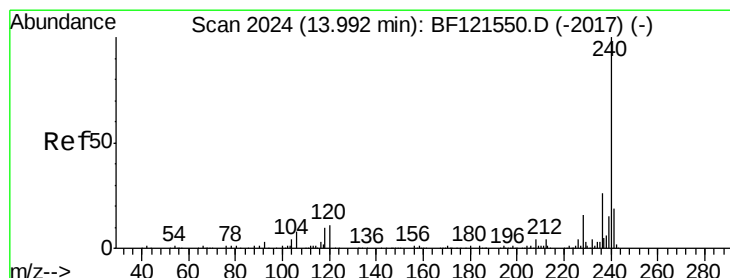
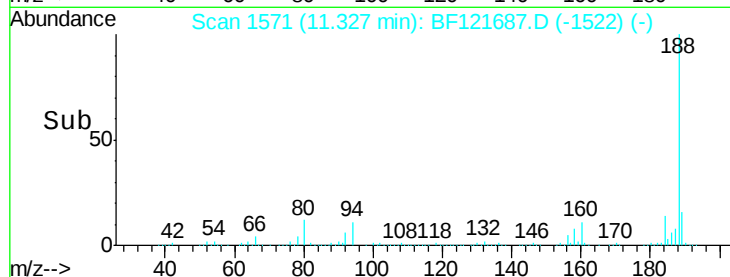
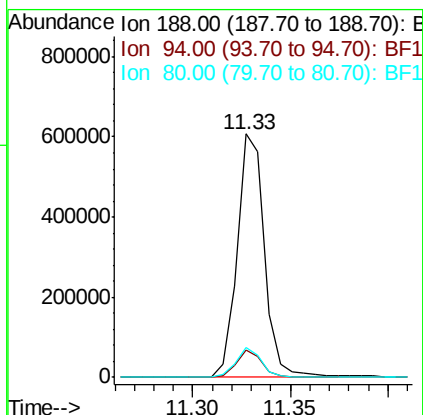
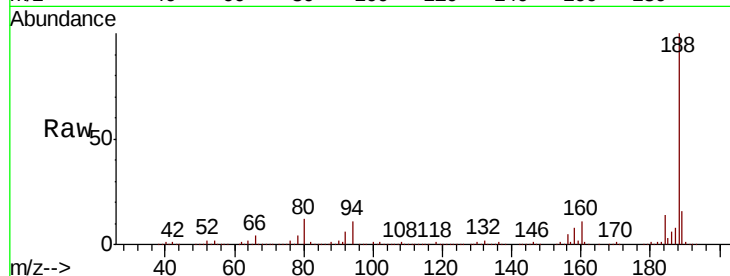




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF121687.D
Acq: 24 Sep 2020 17:52

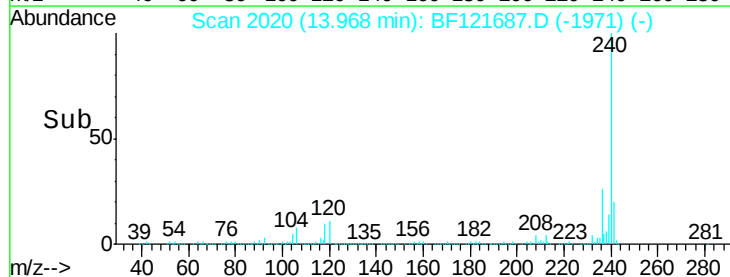
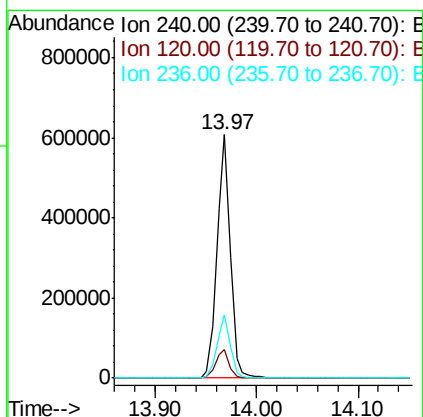
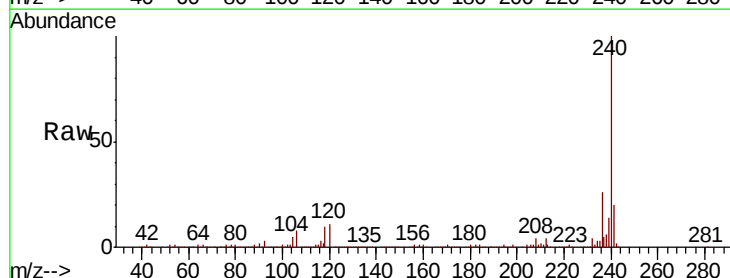
Instrument :
BNA_F
ClientSampleId :
MW1S

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.4	12.6
80	12.3	9.0	13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121687.D
Acq: 24 Sep 2020 17:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.2	13.8
236	25.7	20.4	30.6





#79

Terphenyl-d14

Concen: 81.745 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF121687.D

Acq: 24 Sep 2020 17:52

Instrument :

BNA_F

ClientSampleId :

MW1S

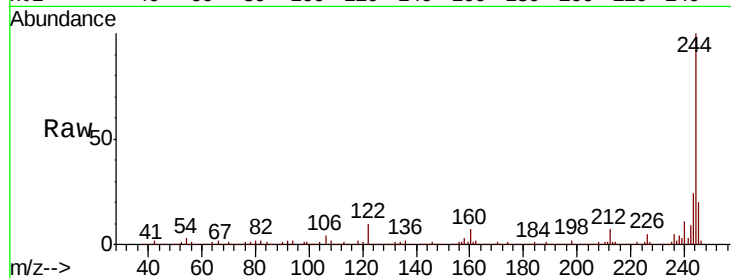
Tot Ion:244 Resp: 2230516

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

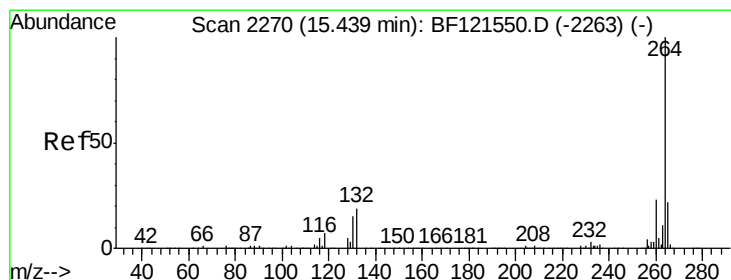
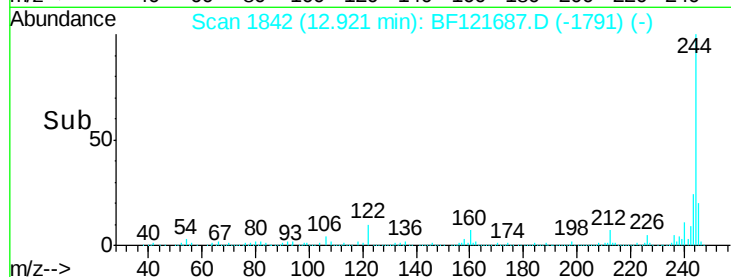
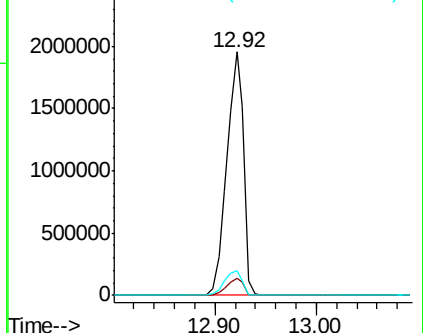
122 10.1 7.4 11.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF121687.D

Acq: 24 Sep 2020 17:52

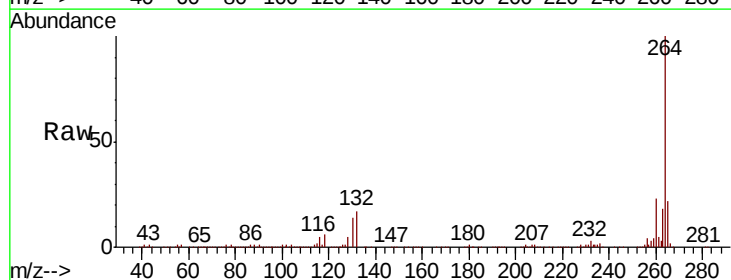
Tgt Ion:264 Resp: 474274

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 21.5 17.3 25.9



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

