

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
 Data File : BF121674.D
 Acq On : 23 Sep 2020 19:23
 Operator : JU/CG
 Sample : L3870-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-092220

Quant Time: Sep 24 00:36:25 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	128972	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	505927	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	264050	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	519257	20.00	ng	0.00
76) Chrysene-d12	13.97	240	506519	20.00	ng	-0.01
86) Perylene-d12	15.42	264	479385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	916438	105.60	ng	0.01
7) Phenol-d6	6.45	99	1045150	91.80	ng	0.00
23) Nitrobenzene-d5	7.37	82	893482	94.82	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	446642	136.10	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1553548	89.11	ng	0.00
79) Terphenyl-d14	12.92	244	1949924	77.99	ng	0.00

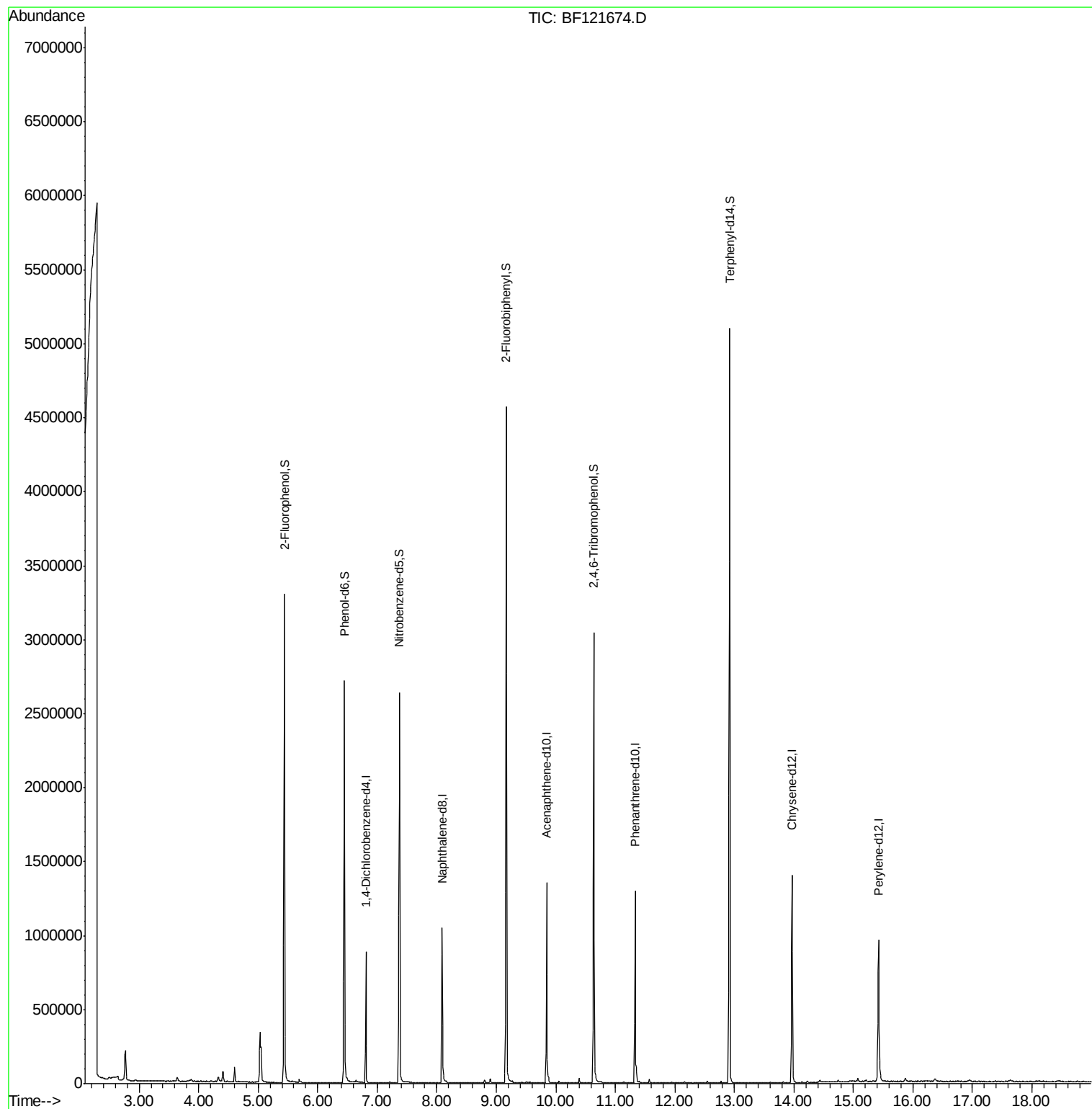
Target Compounds Qvalue

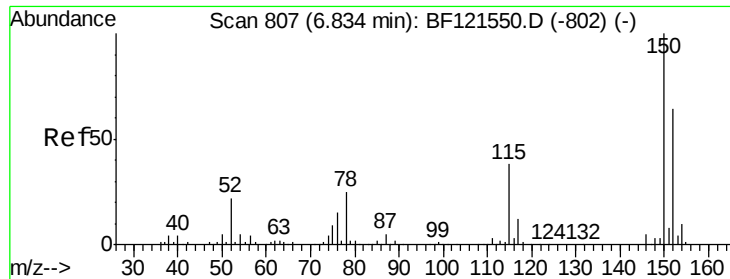
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
Data File : BF121674.D
Acq On : 23 Sep 2020 19:23
Operator : JU/CG
Sample : L3870-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-092220

Quant Time: Sep 24 00:36:25 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



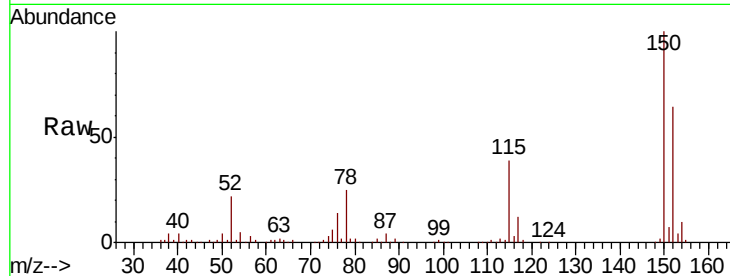


#1

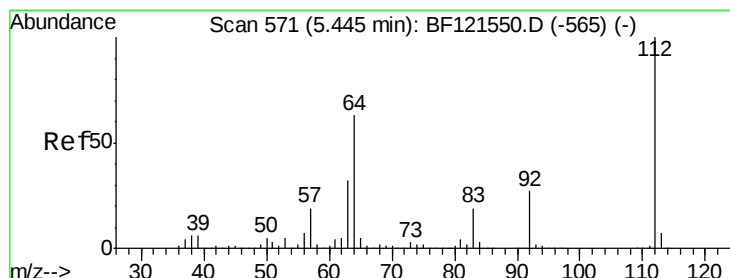
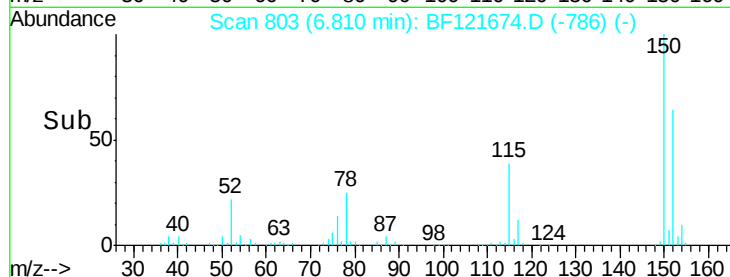
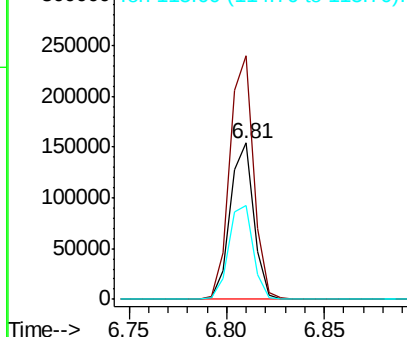
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF121674.D
Acq: 23 Sep 2020 19:23

Instrument :
BNA_F
ClientSampleId :
SU-02-092220

Tot Ion:152 Resp: 128972
Ion Ratio Lower Upper
152 100
150 155.6 128.1 192.1
115 60.2 52.6 79.0



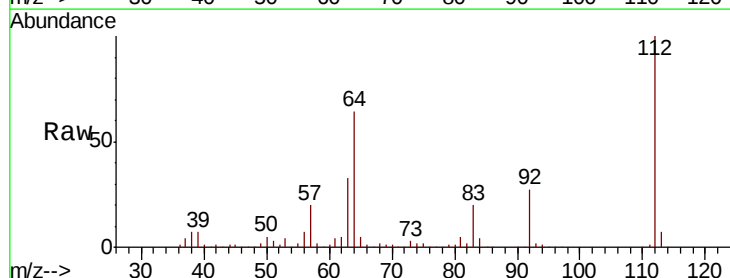
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



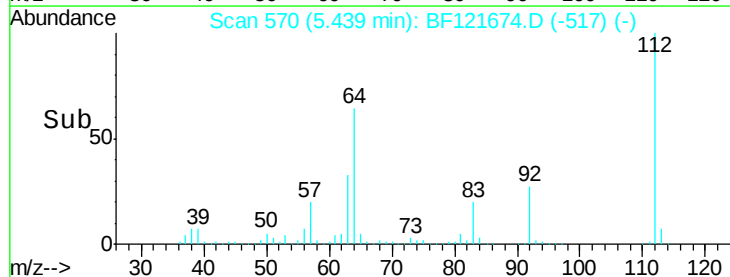
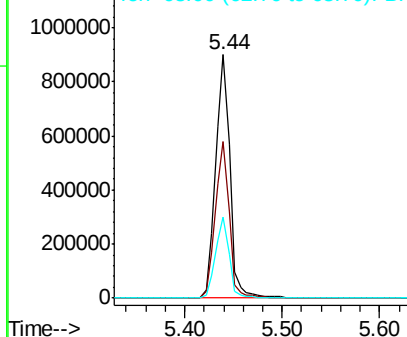
#5

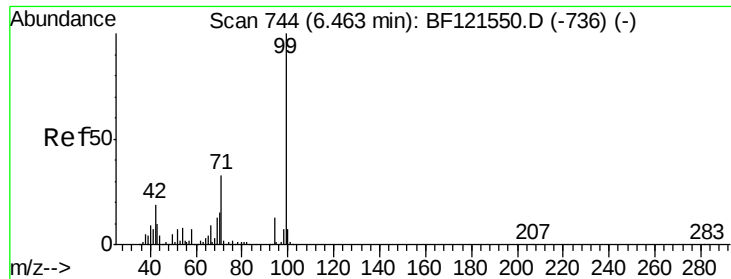
2-Fluorophenol
Concen: 105.600 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF121674.D
Acq: 23 Sep 2020 19:23

Tgt Ion:112 Resp: 916438
Ion Ratio Lower Upper
112 100
64 64.2 52.2 78.2
63 33.0 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: 91.796 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF121674.D

Acq: 23 Sep 2020 19:23

Instrument :

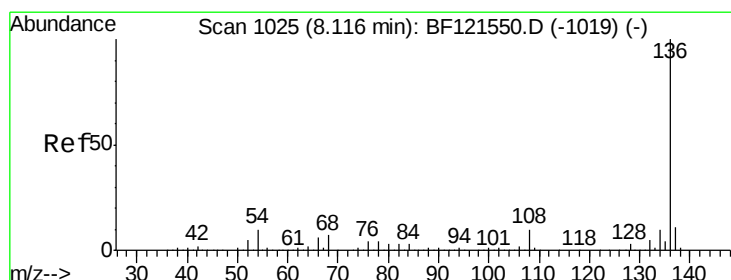
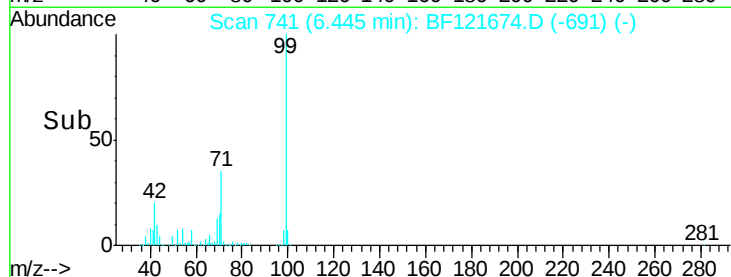
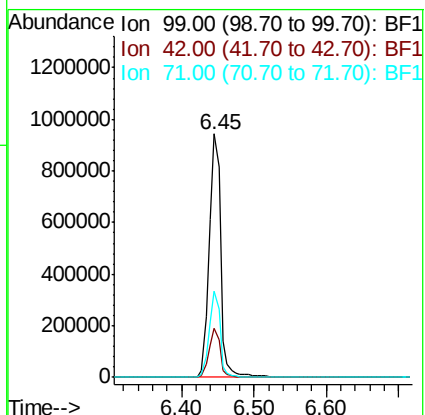
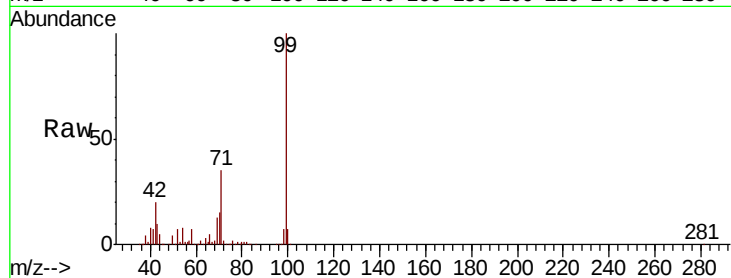
BNA_F

ClientSampleId :

SU-02-092220

Tot Ion: 99 Resp: 1045150

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.5	23.3
71	35.1	27.4	41.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

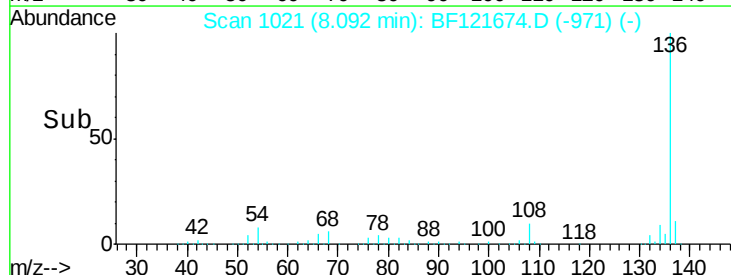
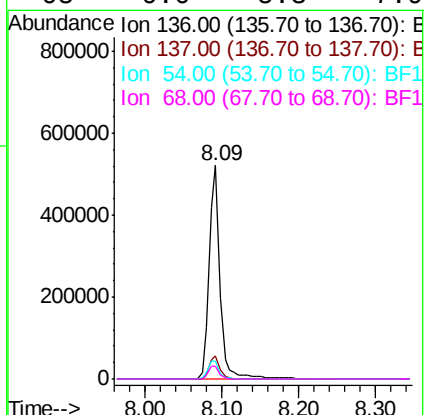
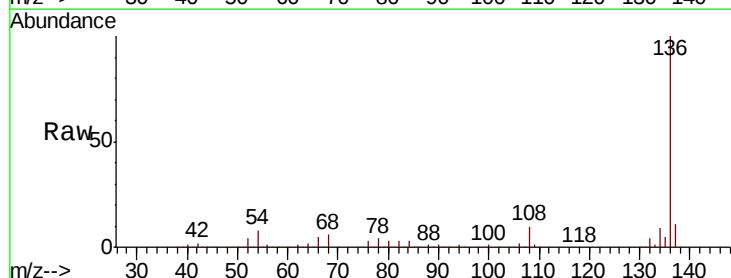
Delta R.T. -0.01 min

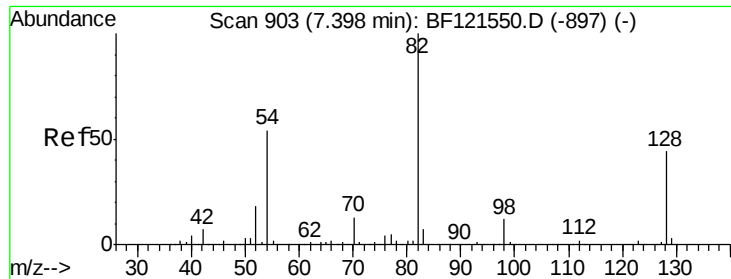
Lab File: BF121674.D

Acq: 23 Sep 2020 19:23

Tgt Ion: 136 Resp: 505927

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.3	7.4	11.0
68	6.0	5.3	7.9

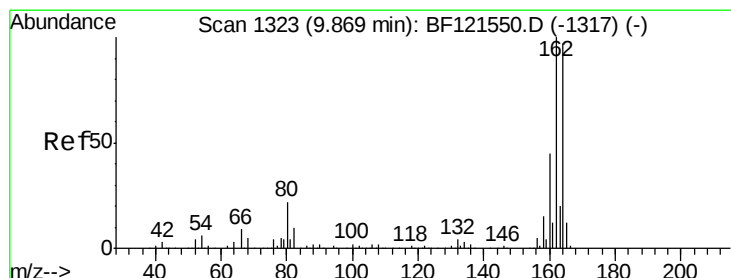
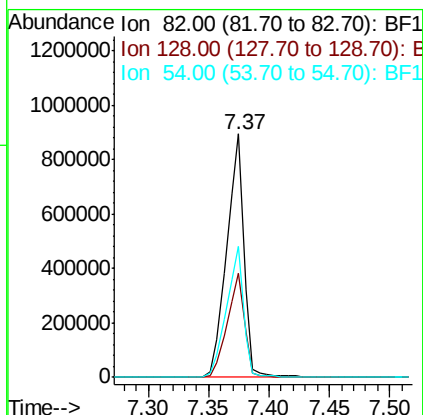
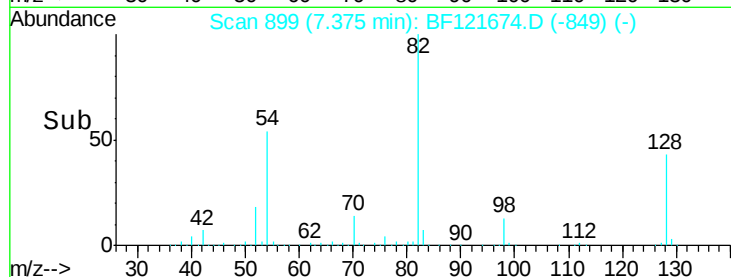
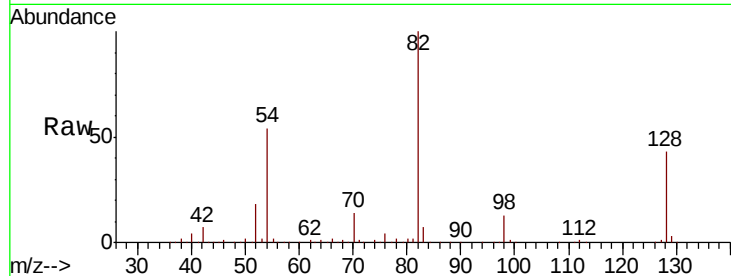




#23
Nitrobenzene-d5
Concen: 94.821 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121674.D
Acq: 23 Sep 2020 19:23

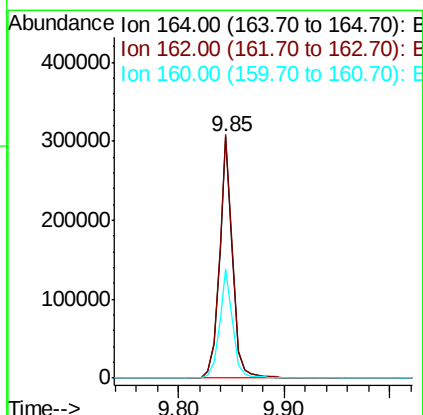
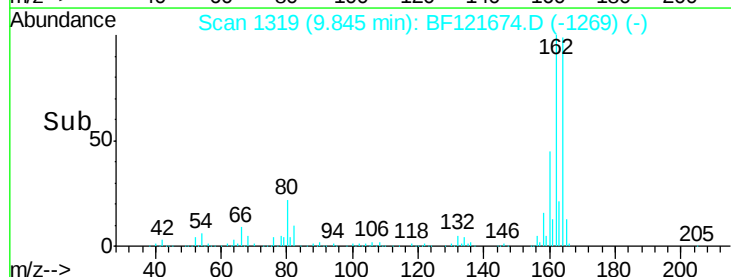
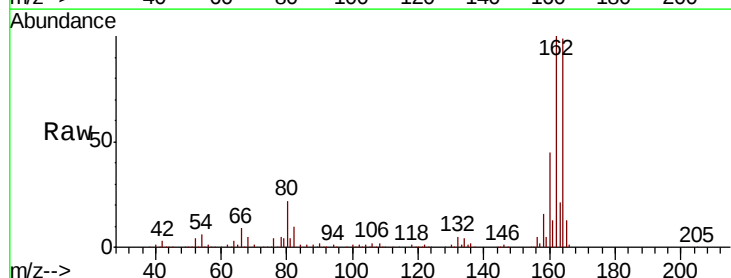
Instrument :
BNA_F
ClientSampleId :
SU-02-092220

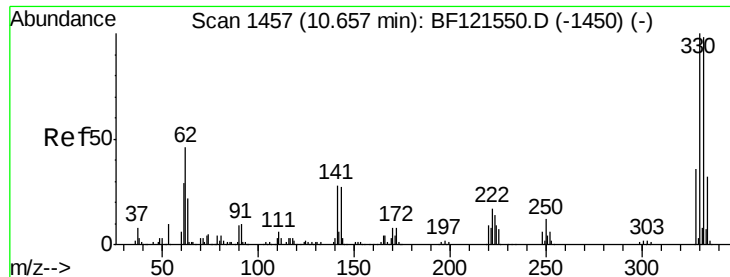
Tot Ion: 82 Resp: 893482
Ion Ratio Lower Upper
82 100
128 42.7 33.9 50.9
54 53.6 42.9 64.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121674.D
Acq: 23 Sep 2020 19:23

Tgt Ion:164 Resp: 264050
Ion Ratio Lower Upper
164 100
162 100.9 81.2 121.8
160 45.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 136.097 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF121674.D

Acq: 23 Sep 2020 19:23

Instrument :

BNA_F

ClientSampleId :

SU-02-092220

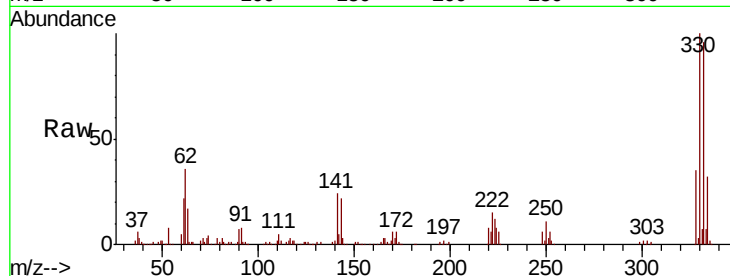
Tot Ion:330 Resp: 446642

Ion Ratio Lower Upper

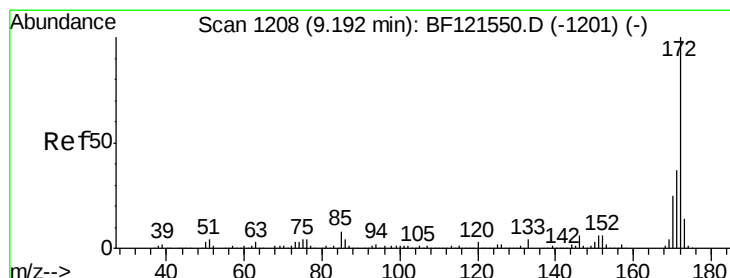
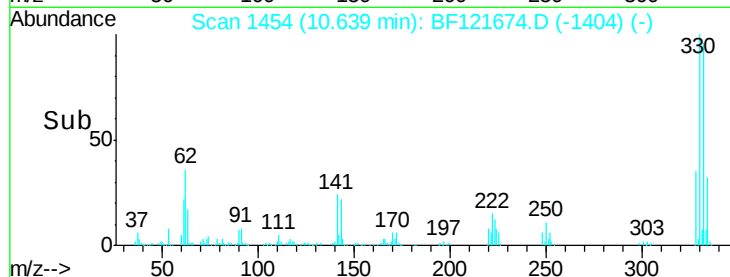
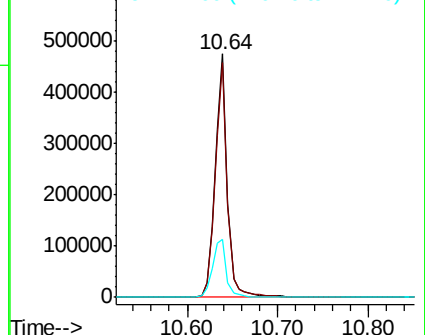
330 100

332 96.5 76.9 115.3

141 27.8 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: 89.108 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF121674.D

Acq: 23 Sep 2020 19:23

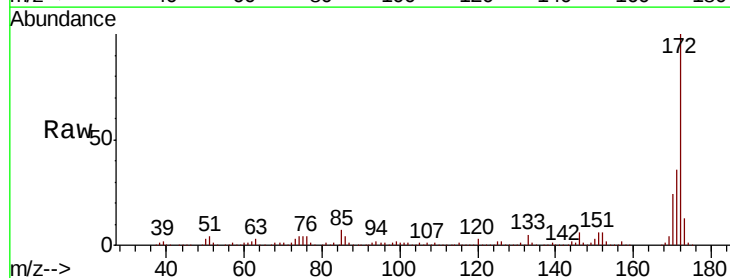
Tgt Ion:172 Resp: 1553548

Ion Ratio Lower Upper

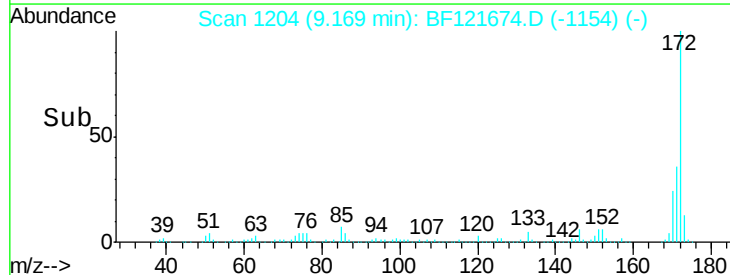
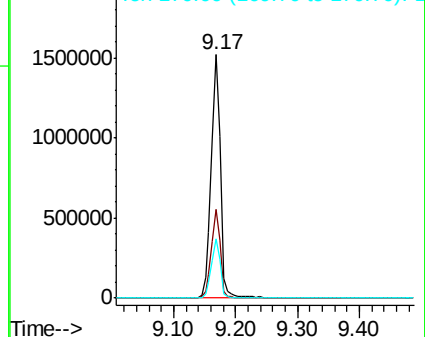
172 100

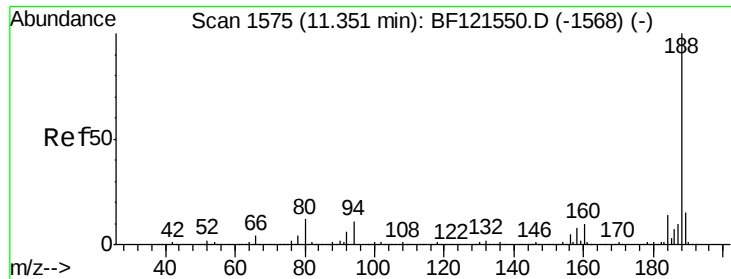
171 36.4 29.3 43.9

170 24.3 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

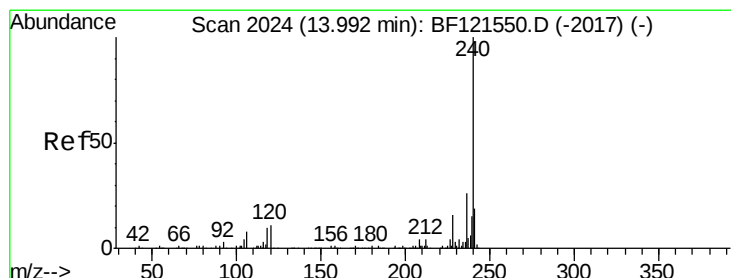
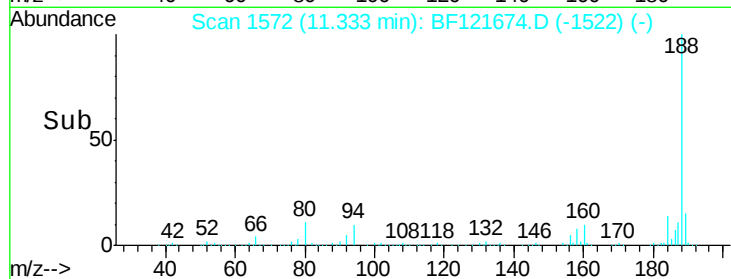
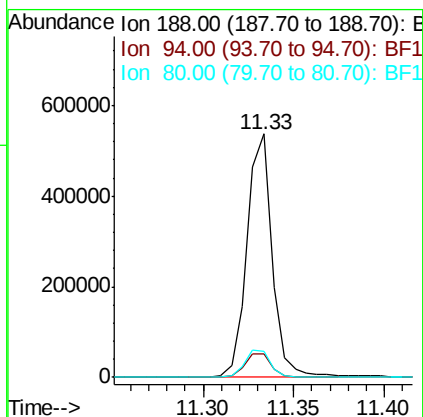
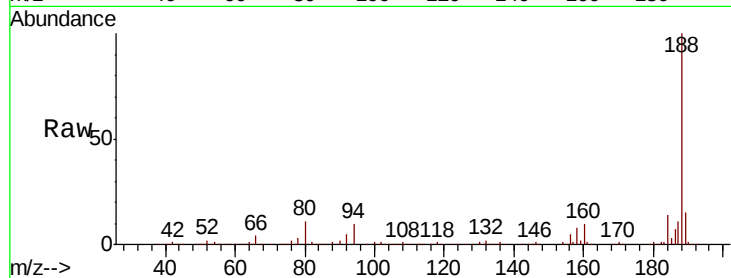




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF121674.D
Acq: 23 Sep 2020 19:23

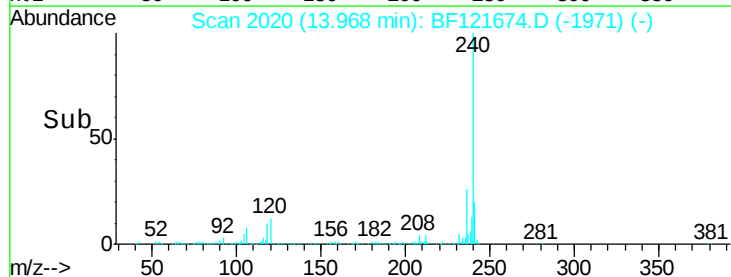
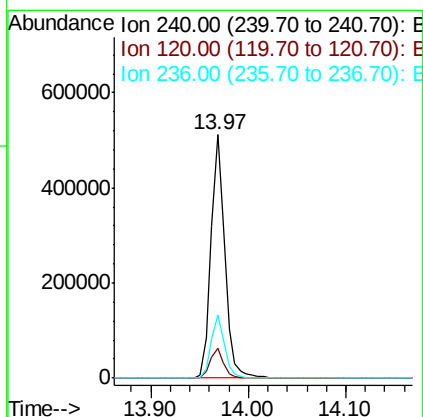
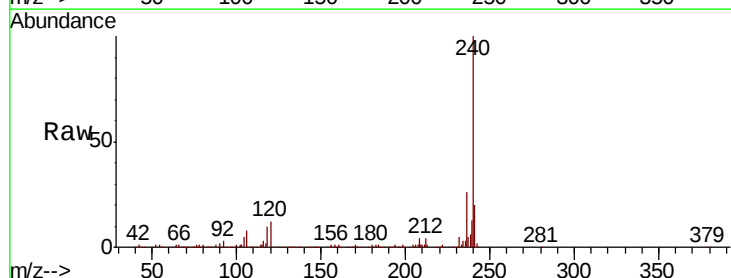
Instrument :
BNA_F
ClientSampleId :
SU-02-092220

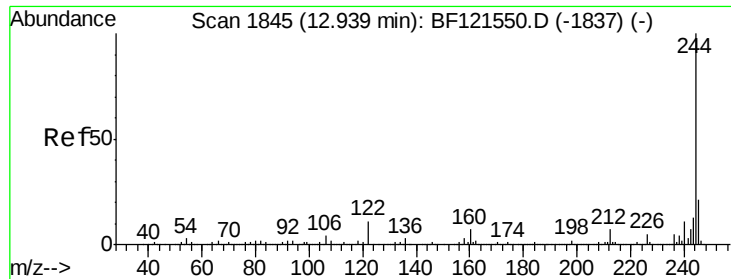
Tot Ion:188 Resp: 519257
Ion Ratio Lower Upper
188 100
94 9.7 8.4 12.6
80 10.5 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121674.D
Acq: 23 Sep 2020 19:23

Tgt Ion:240 Resp: 506519
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 25.9 20.4 30.6





#79

Terphenyl-d14

Concen: 77.990 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF121674.D

Acq: 23 Sep 2020 19:23

Instrument :

BNA_F

ClientSampleId :

SU-02-092220

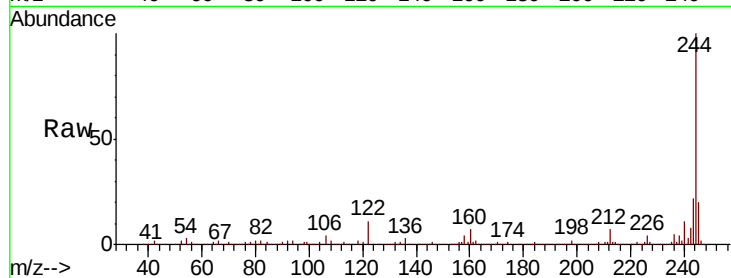
Tot Ion:244 Resp: 1949924

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

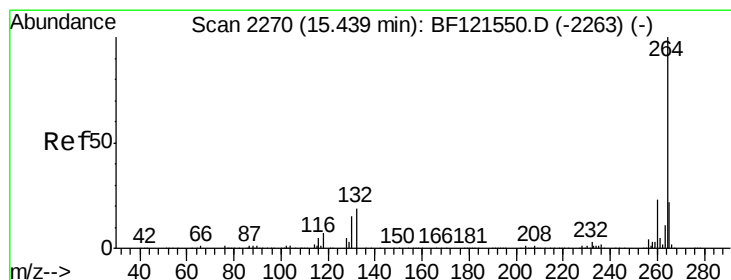
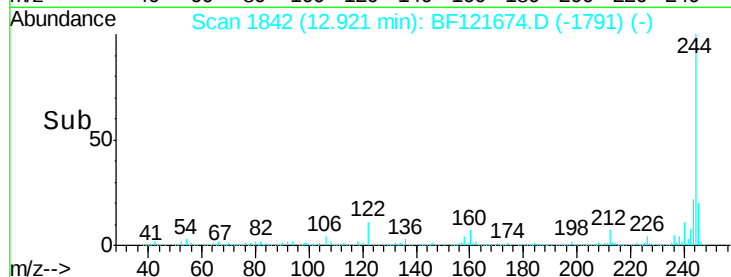
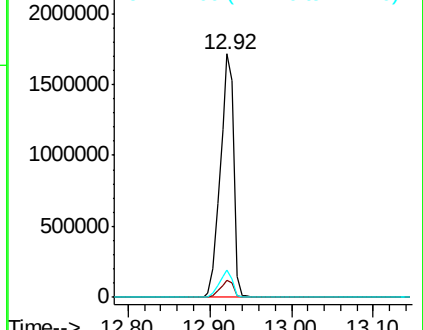
122 11.0 7.4 11.0



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: BF121674.D

Acq: 23 Sep 2020 19:23

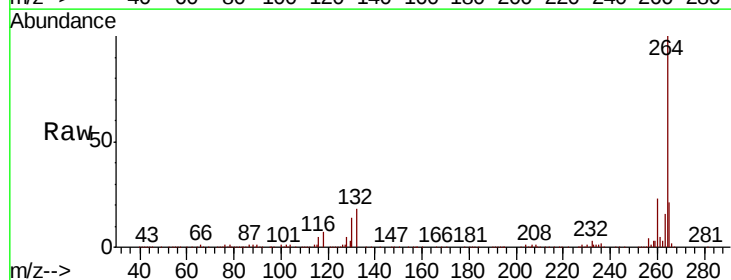
Tgt Ion:264 Resp: 479385

Ion Ratio Lower Upper

264 100

260 22.8 18.8 28.2

265 21.0 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

