

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090920\
 Data File : BF121543.D
 Acq On : 9 Sep 2020 12:07
 Operator : JU/CG
 Sample : PB131493BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131493BL

Quant Time: Sep 09 12:43:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 17:52:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	342155	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1329986	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	720938	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1451137	20.00	ng	0.00
76) Chrysene-d12	14.00	240	1298397	20.00	ng	-0.02
86) Perylene-d12	15.46	264	1285152	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2162273	106.03	ng	0.01
7) Phenol-d6	6.47	99	2839371	99.63	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1884175	96.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	1033508	141.93	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3419511	76.53	ng	-0.01
79) Terphenyl-d14	12.95	244	3979533	64.52	ng	0.00

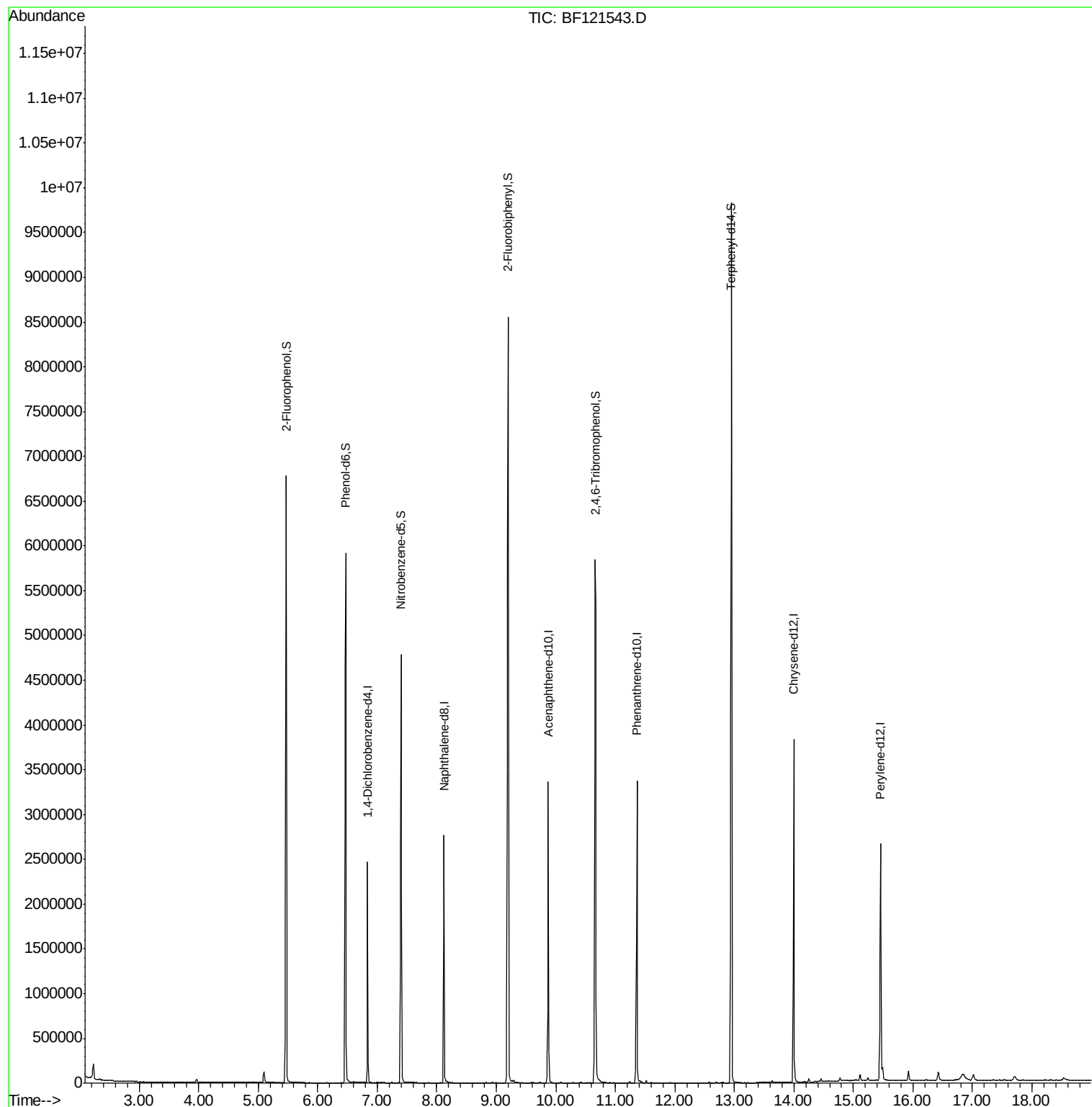
Target Compounds Qvalue

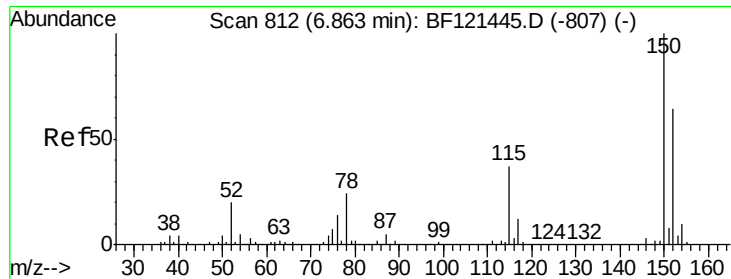
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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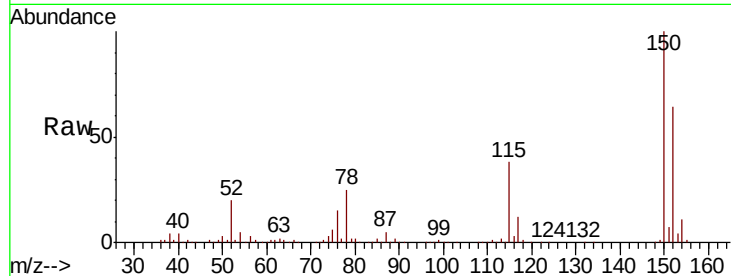


#1

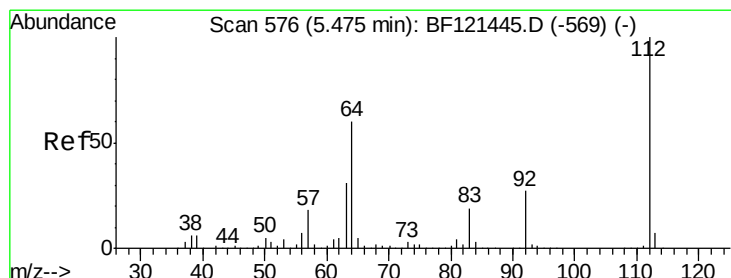
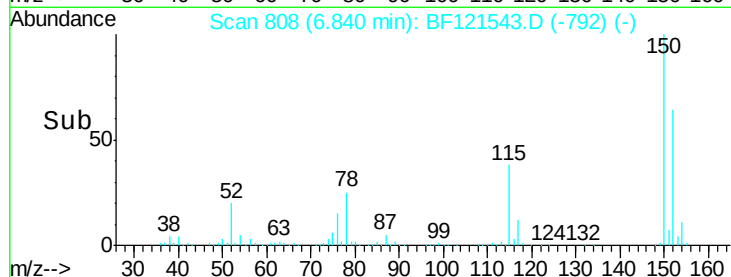
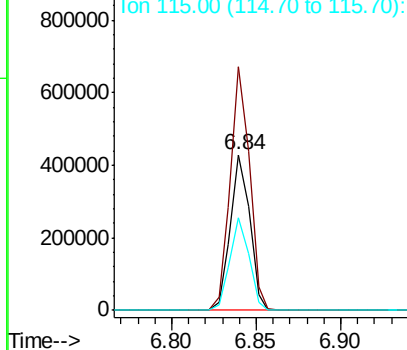
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF121543.D
Acq: 9 Sep 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB131493BL

Tot Ion:152 Resp: 342155
Ion Ratio Lower Upper
152 100
150 156.8 126.1 189.1
115 59.4 48.4 72.6



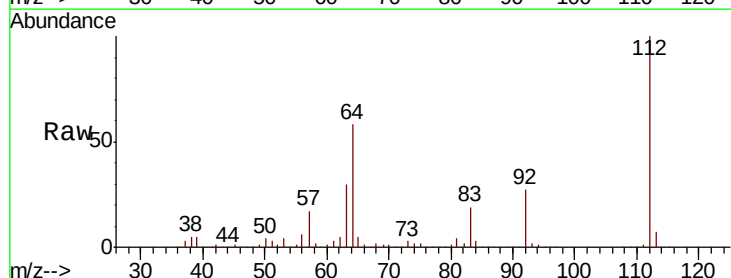
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



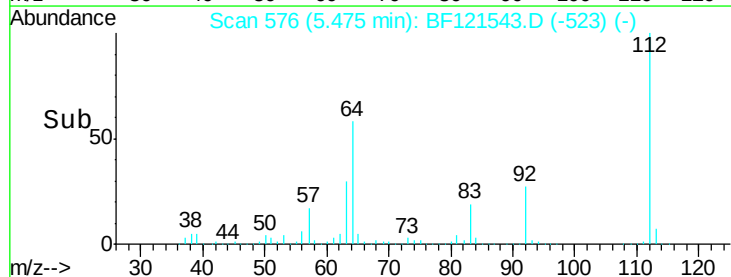
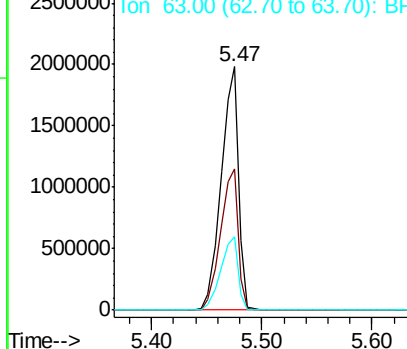
#5

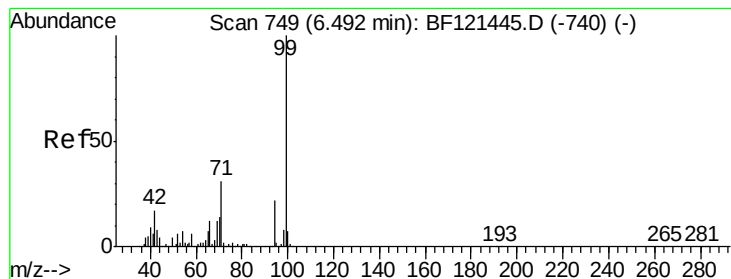
2-Fluorophenol
Concen: 106.026 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF121543.D
Acq: 9 Sep 2020 12:07

Tgt Ion:112 Resp: 2162273
Ion Ratio Lower Upper
112 100
64 57.8 46.0 69.0
63 29.9 23.4 35.2



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: 99.628 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF121543.D

Acq: 9 Sep 2020 12:07

Instrument :

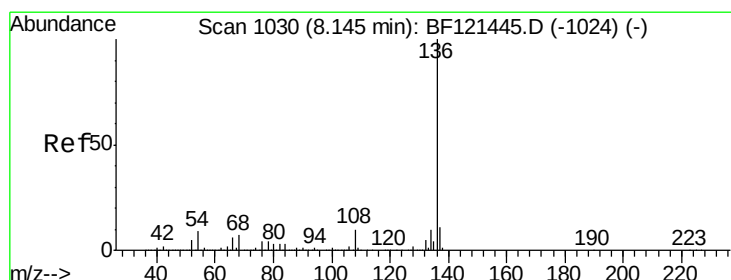
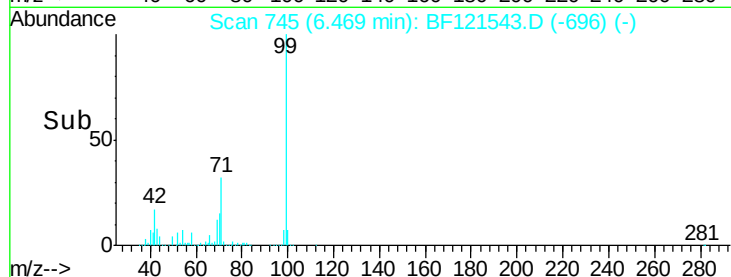
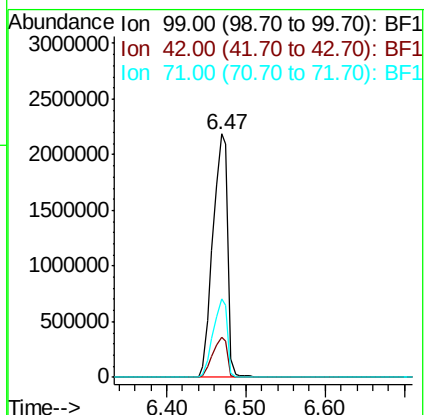
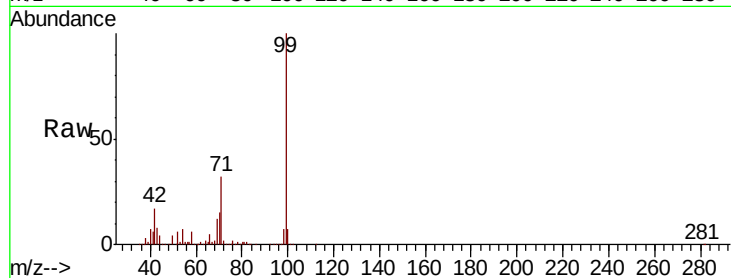
BNA_F

ClientSampleId :

PB131493BL

Tot Ion: 99 Resp: 2839371

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.0	19.4
71	32.3	24.8	37.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

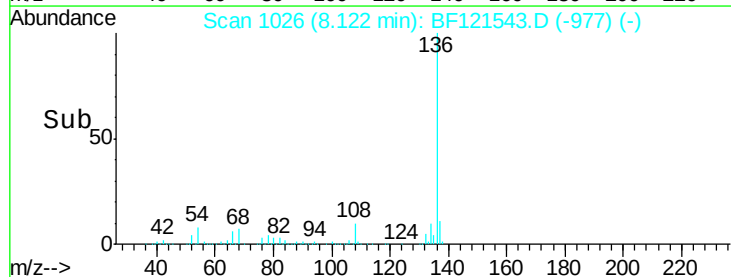
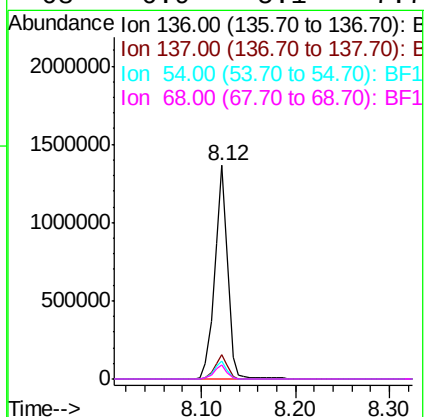
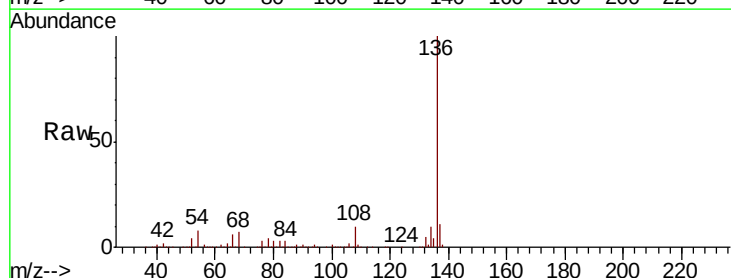
Delta R.T. -0.01 min

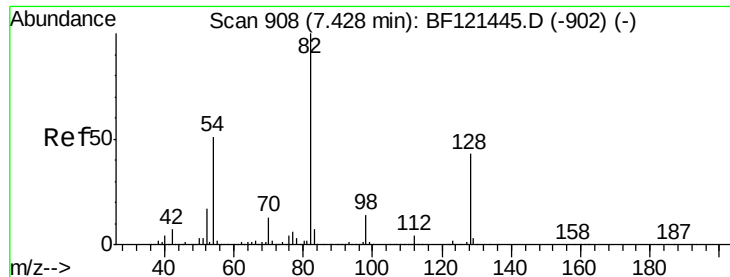
Lab File: BF121543.D

Acq: 9 Sep 2020 12:07

Tgt Ion: 136 Resp: 1329986

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.4	6.2	9.4
68	6.9	5.1	7.7

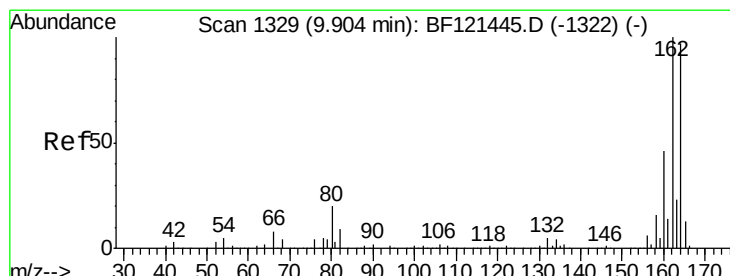
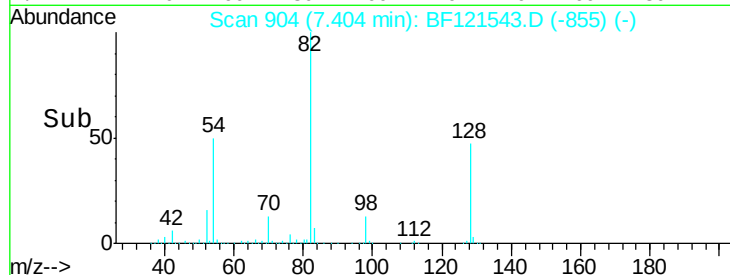
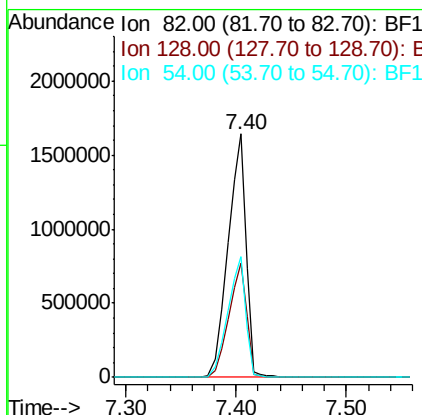
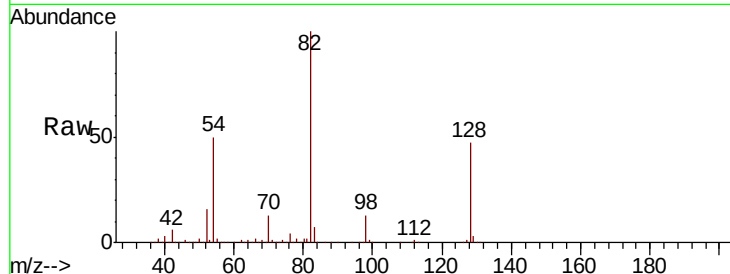




#23
 Nitrobenzene-d5
 Concen: 96.853 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF121543.D
 Acq: 9 Sep 2020 12:07

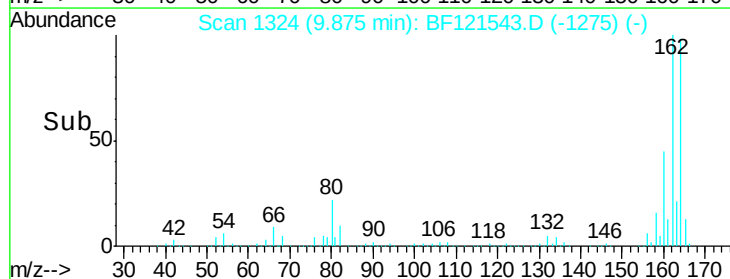
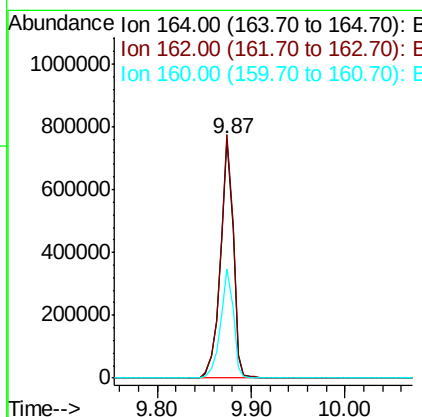
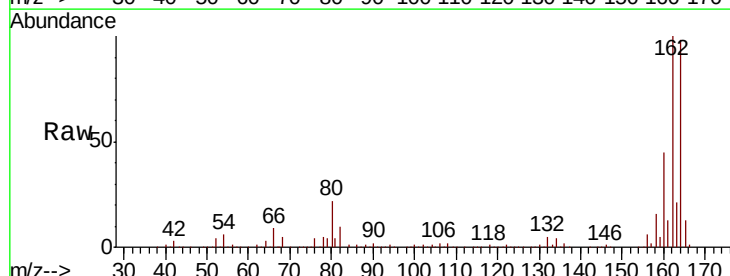
Instrument :
 BNA_F
 ClientSampleId :
 PB131493BL

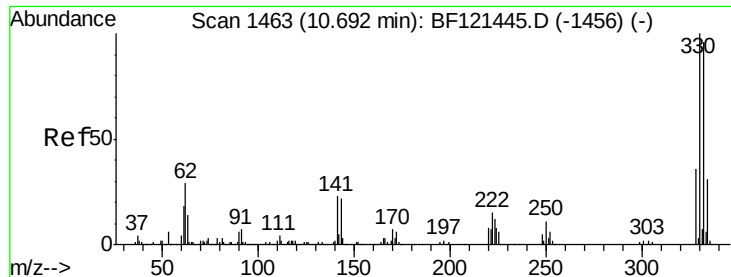
Tot Ion: 82 Resp: 1884175
 Ion Ratio Lower Upper
 82 100
 128 46.9 37.3 55.9
 54 49.5 39.0 58.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF121543.D
 Acq: 9 Sep 2020 12:07

Tgt Ion: 164 Resp: 720938
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.5 120.7
 160 45.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 141.929 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF121543.D

Acq: 9 Sep 2020 12:07

Instrument :

BNA_F

ClientSampleId :

PB131493BL

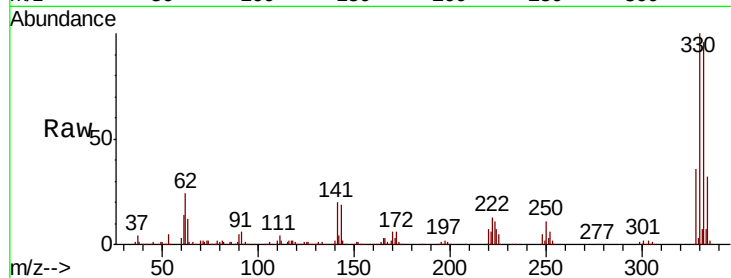
Tot Ion:330 Resp: 1033508

Ion Ratio Lower Upper

330 100

332 95.7 76.2 114.2

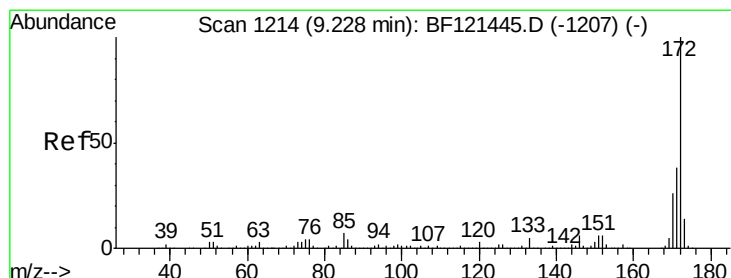
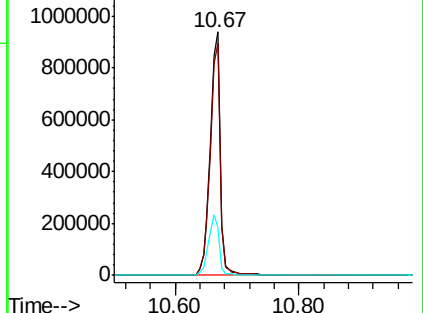
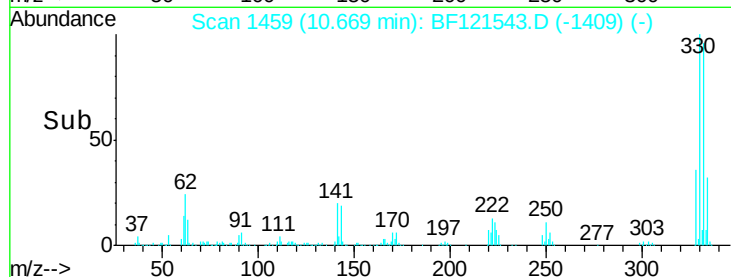
141 26.6 22.6 34.0



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: 76.532 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF121543.D

Acq: 9 Sep 2020 12:07

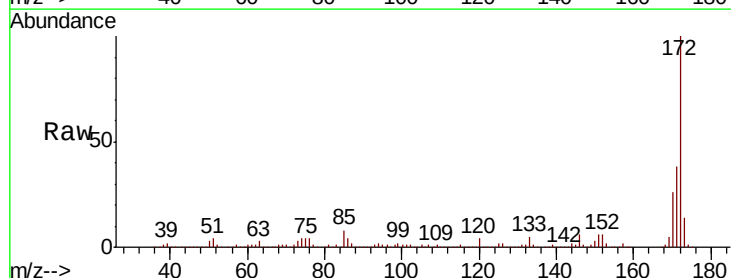
Tgt Ion:172 Resp: 3419511

Ion Ratio Lower Upper

172 100

171 38.1 30.4 45.6

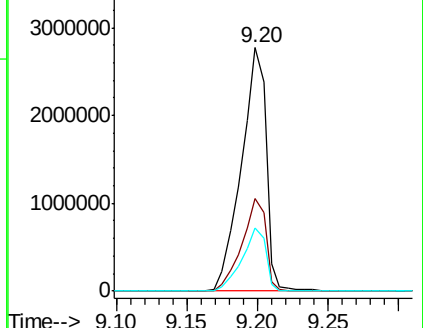
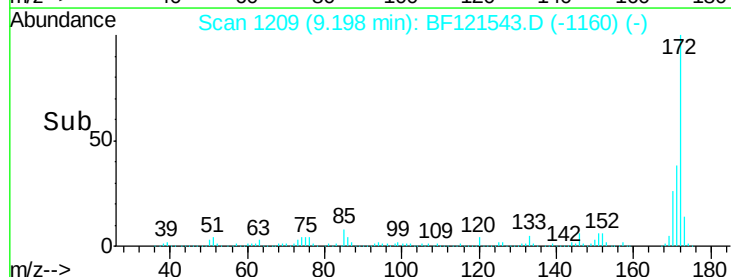
170 25.9 20.7 31.1

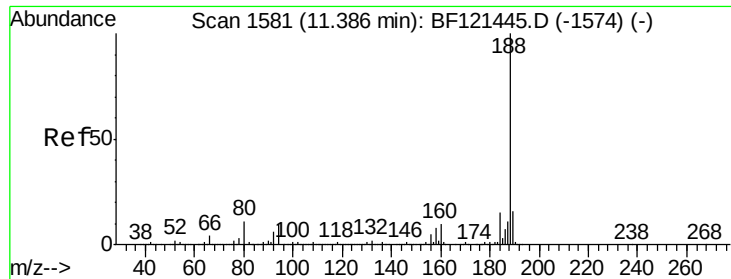


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

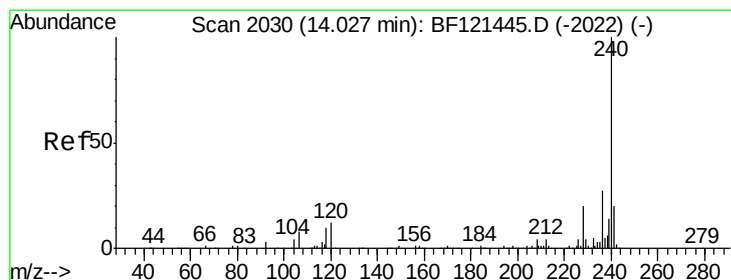
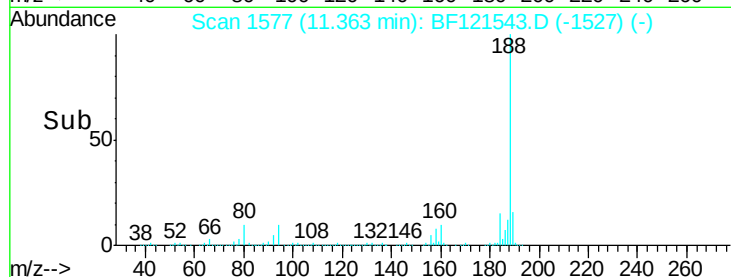
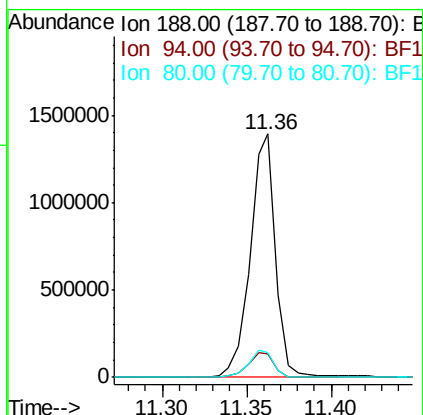
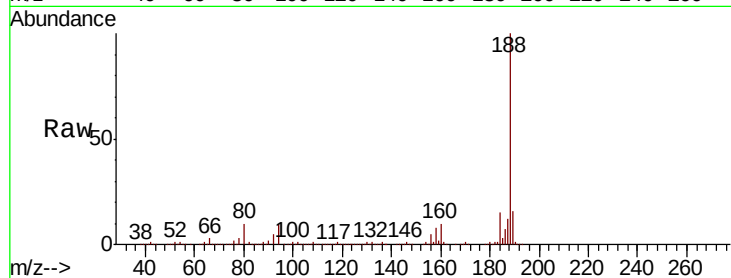




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF121543.D
Acq: 9 Sep 2020 12:07

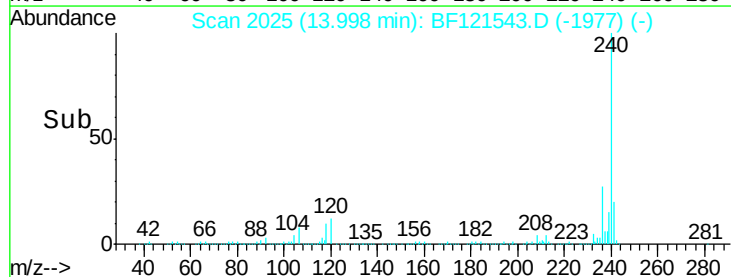
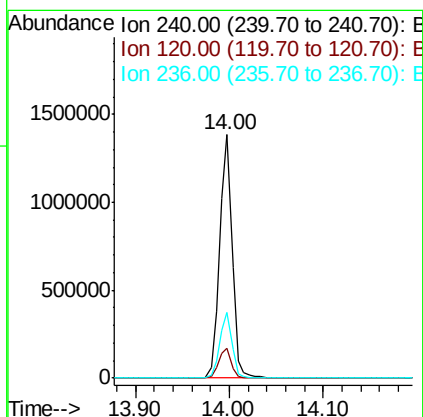
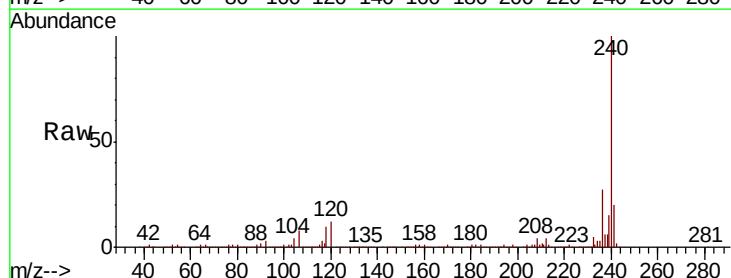
Instrument :
BNA_F
ClientSampleId :
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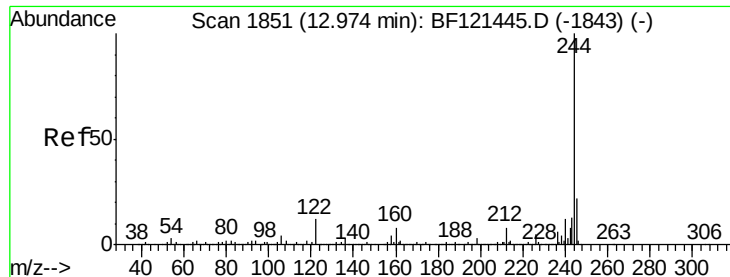
Tot Ion:188 Resp: 1451137
Ion Ratio Lower Upper
188 100
94 9.7 8.8 13.2
80 10.3 9.1 13.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF121543.D
Acq: 9 Sep 2020 12:07

Tgt Ion:240 Resp: 1298397
Ion Ratio Lower Upper
240 100
120 12.0 8.0 12.0#
236 26.9 21.4 32.2





#79

Terphenyl-d14

Concen: 64.516 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF121543.D

Acq: 9 Sep 2020 12:07

Instrument :

BNA_F

ClientSampleId :

PB131493BL

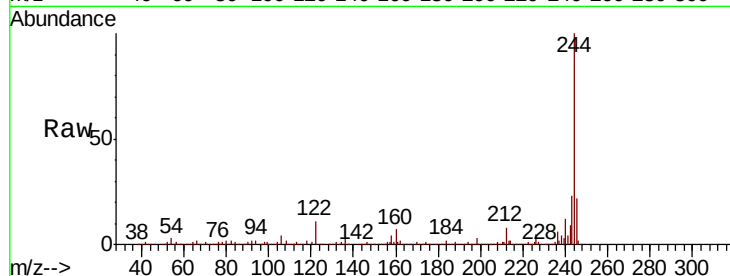
Tot Ion:244 Resp: 3979533

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

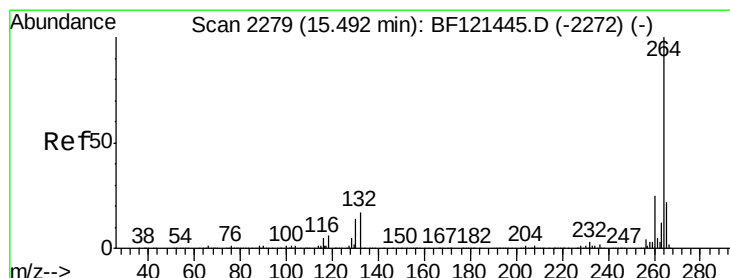
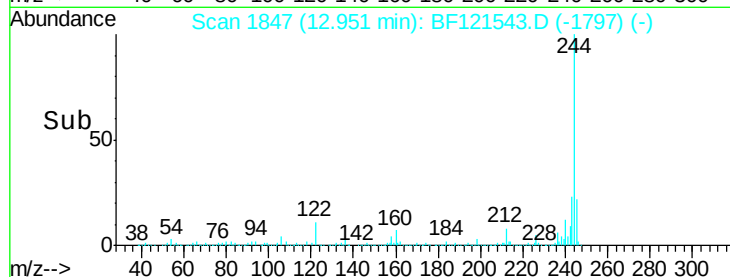
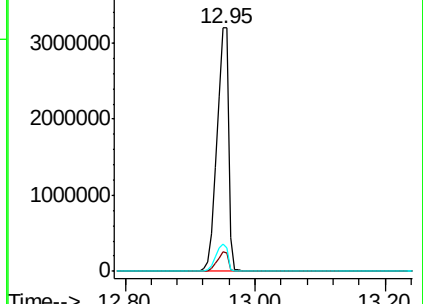
122 11.2 9.3 13.9



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: 15.46 min Scan# 2273

Delta R.T. -0.02 min

Lab File: BF121543.D

Acq: 9 Sep 2020 12:07

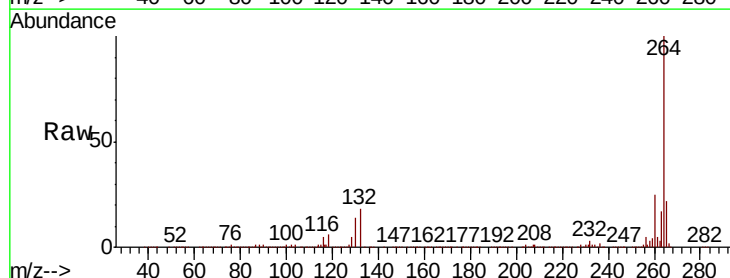
Tgt Ion:264 Resp: 1285152

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 21.6 17.4 26.2



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

