

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
 Data File : BF122646.D
 Acq On : 10 Dec 2020 15:00
 Operator : JU/CG
 Sample : PB133503TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133503TB

Quant Time: Dec 10 16:05:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	195602	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	778698	20.00	ng	0.00
39) Acenaphthene-d10	9.874	164	439262	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	856380	20.00	ng	0.00
76) Chrysene-d12	14.004	240	723341	20.00	ng	0.00
86) Perylene-d12	15.468	264	628863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1538577	124.53	ng	0.02
7) Phenol-d6	6.475	99	1959405	119.58	ng	0.00
23) Nitrobenzene-d5	7.404	82	1258970	81.00	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	697963	121.39	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2237327	68.89	ng	0.00
79) Terphenyl-d14	12.957	244	2694863	65.21	ng	0.00

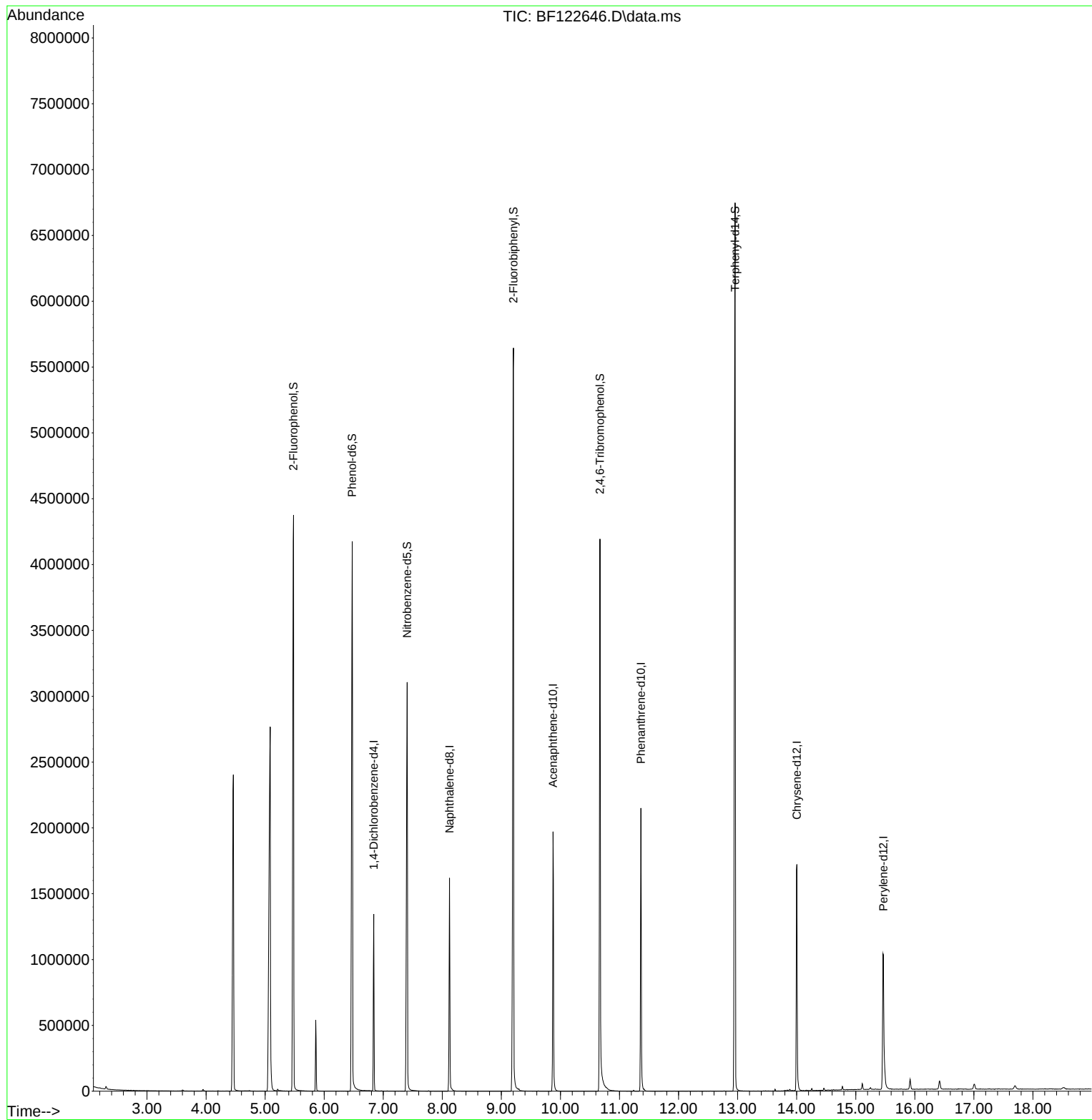
Target Compounds	Qvalue

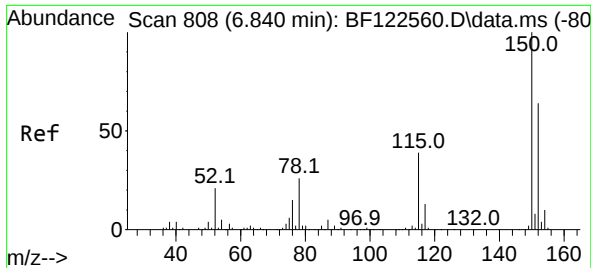
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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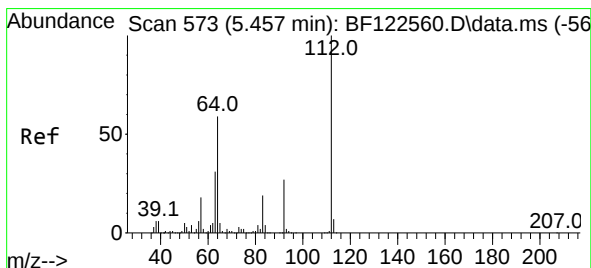
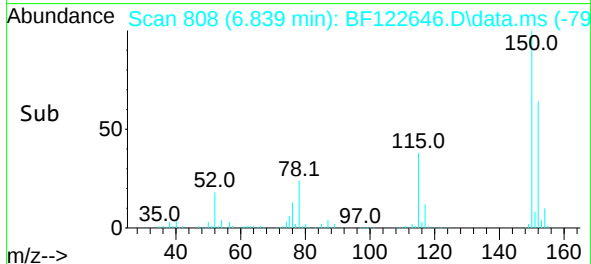
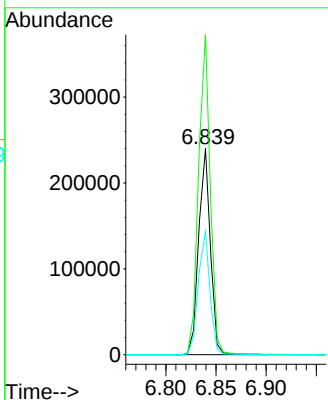
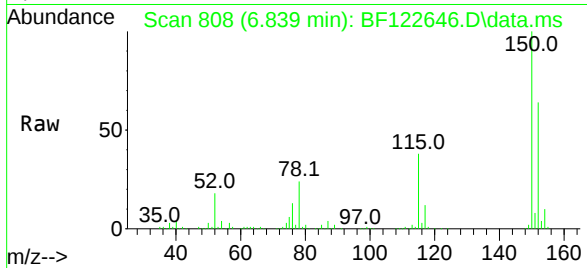




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

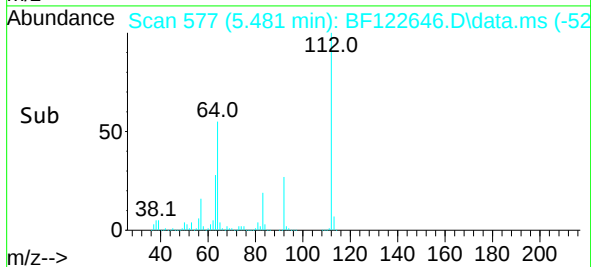
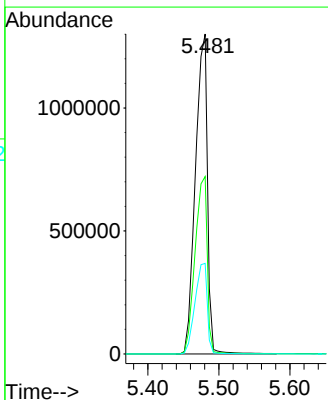
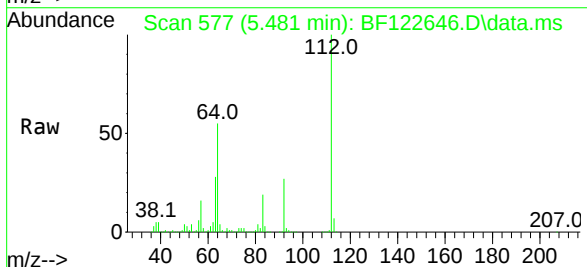
Instrument :
BNA_F
ClientSampleId :
PB133503TB

Tgt Ion:152 Resp: 195602
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 59.6 49.3 73.9



#5
2-Fluorophenol
Concen: 124.53 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.023 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

Tgt Ion:112 Resp: 1538577
Ion Ratio Lower Upper
112 100
64 55.5 46.9 70.3
63 28.3 24.5 36.7

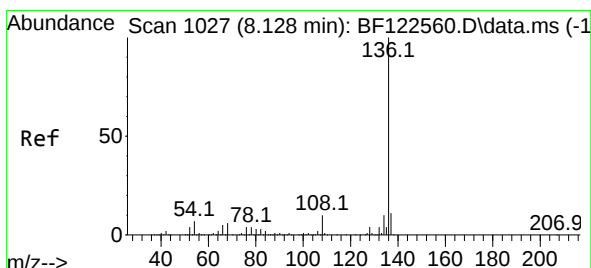
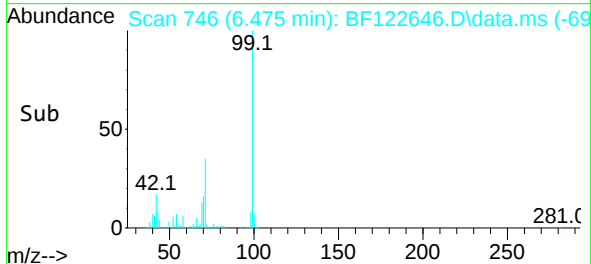
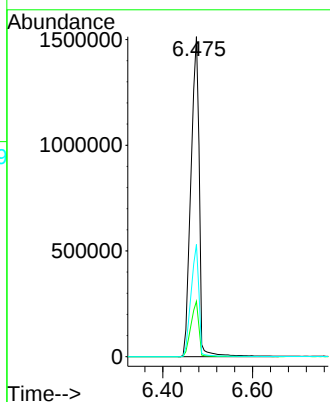
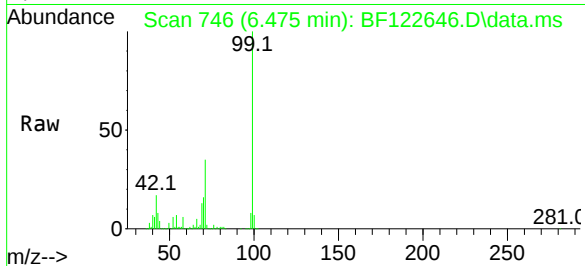




#7
Phenol-d6
Concen: 119.58 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

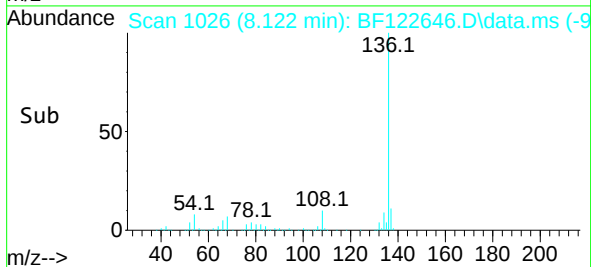
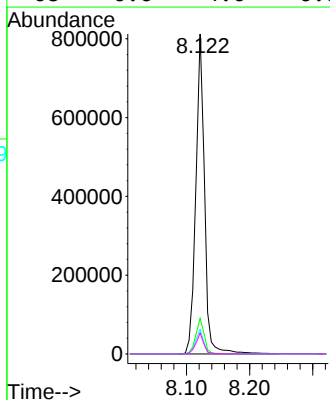
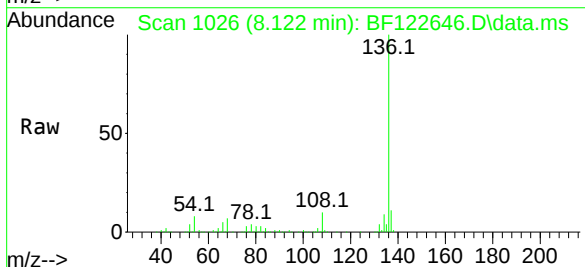
Instrument :
BNA_F
ClientSampleId :
PB133503TB

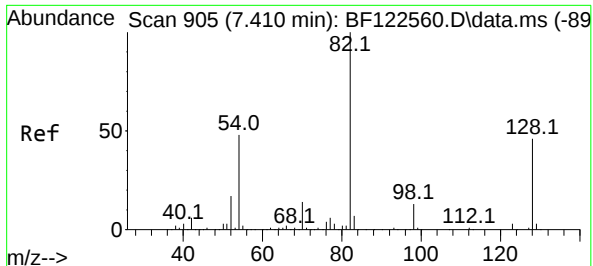
Tgt Ion: 99 Resp: 1959405
Ion Ratio Lower Upper
99 100
42 17.3 13.8 20.6
71 35.1 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

Tgt Ion: 136 Resp: 778698
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.6 5.5 8.3
68 6.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 81.00 ng

RT: 7.404 min Scan# 904

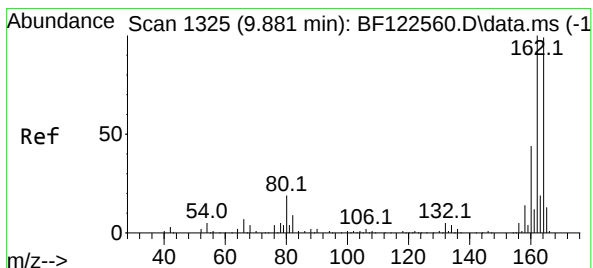
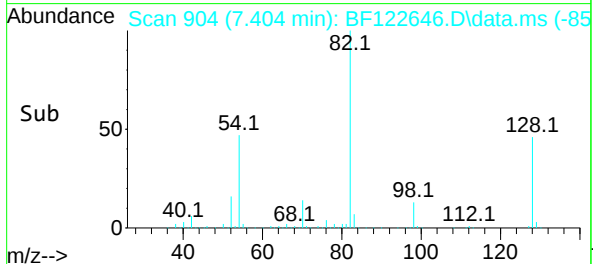
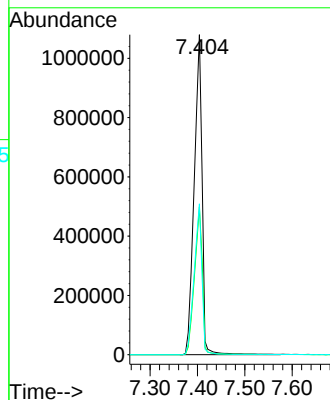
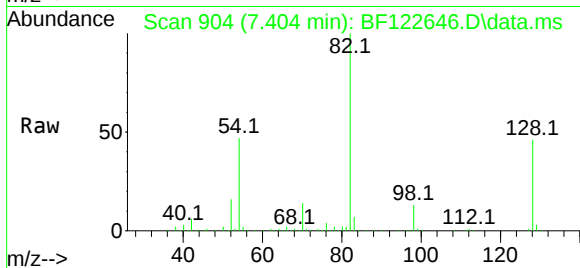
Delta R.T. -0.006 min

Lab File: BF122646.D

Acq: 10 Dec 2020 15:00

Tgt Ion: 82 Resp: 1258970

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.0	55.4
54	47.1	38.4	57.6



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.874 min Scan# 1324

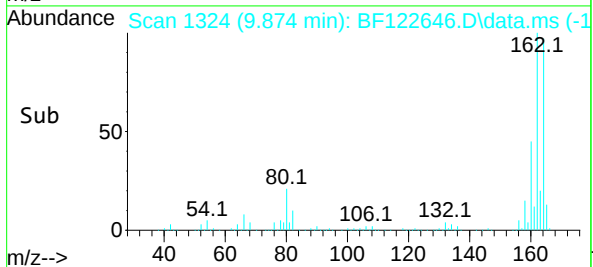
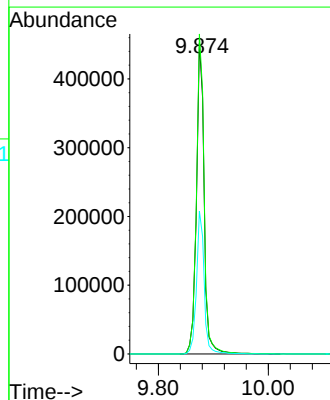
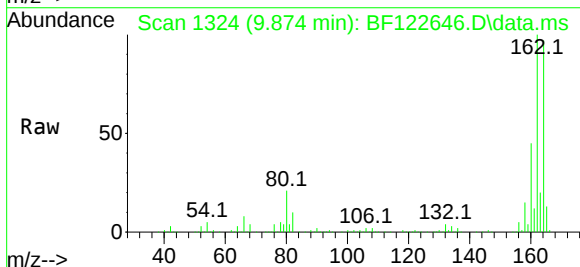
Delta R.T. -0.007 min

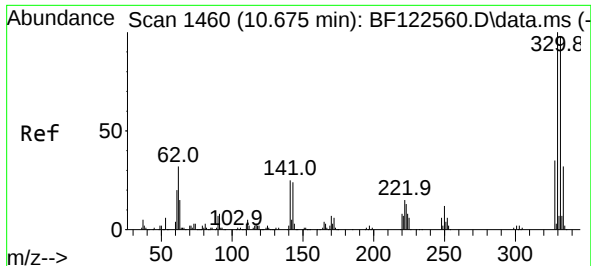
Lab File: BF122646.D

Acq: 10 Dec 2020 15:00

Tgt Ion: 164 Resp: 439262

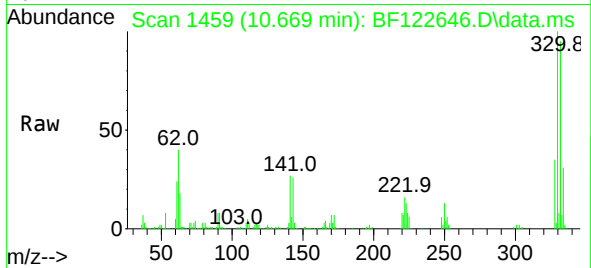
Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.8	121.2
160	46.0	35.4	53.0



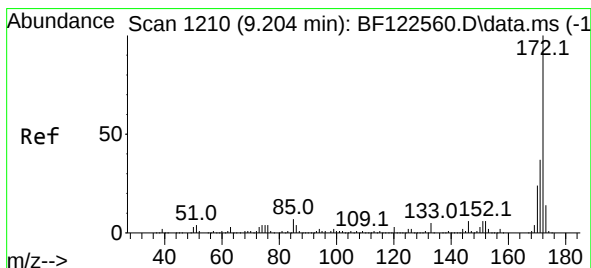
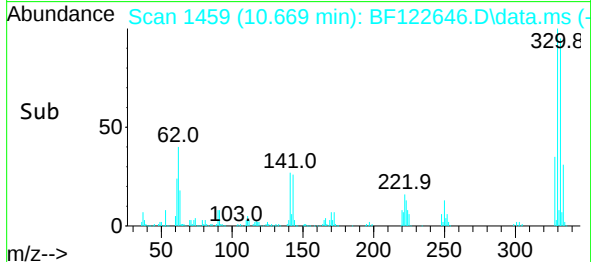
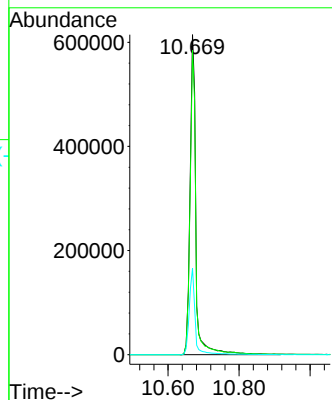


#42
2,4,6-Tribromophenol
Concen: 121.39 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

Instrument :
BNA_F
ClientSampleId :
PB133503TB

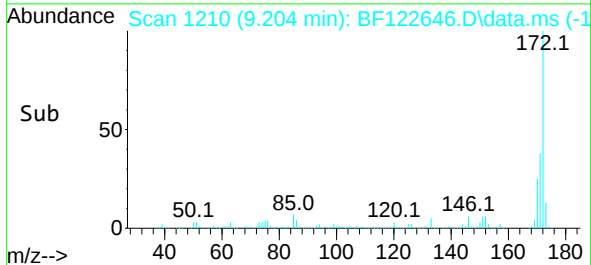
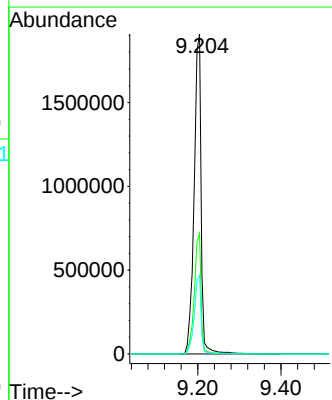
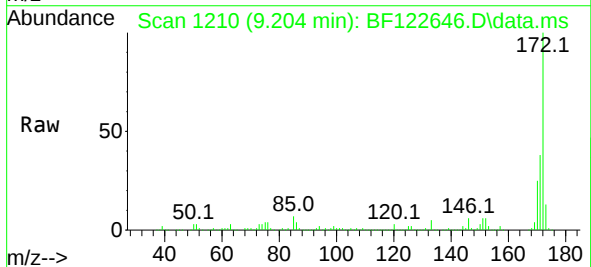


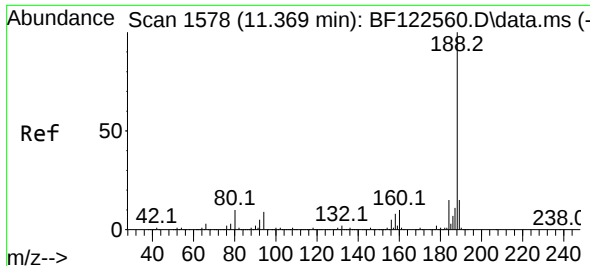
Tgt Ion: 330 Resp: 697963
Ion Ratio Lower Upper
330 100
332 95.1 77.5 116.3
141 27.5 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 68.89 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

Tgt Ion: 172 Resp: 2237327
Ion Ratio Lower Upper
172 100
171 37.6 29.6 44.4
170 24.6 19.5 29.3

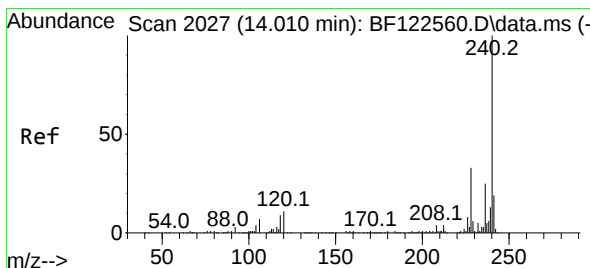
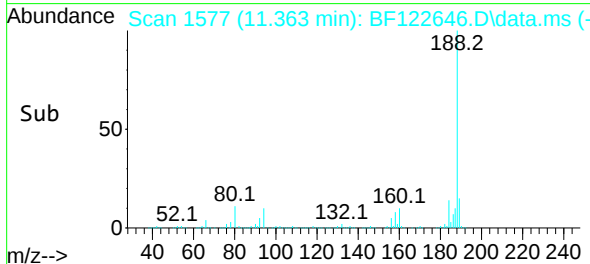
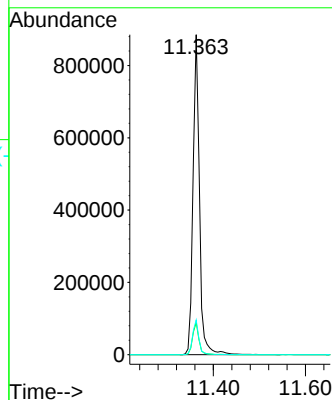
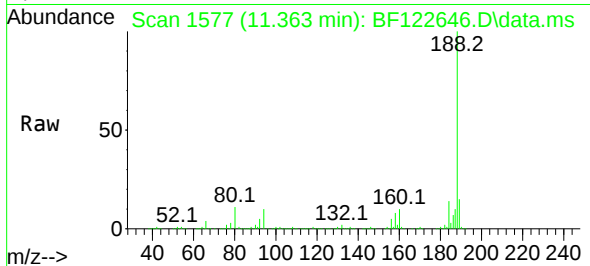




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

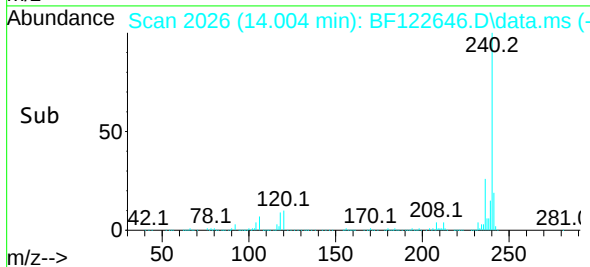
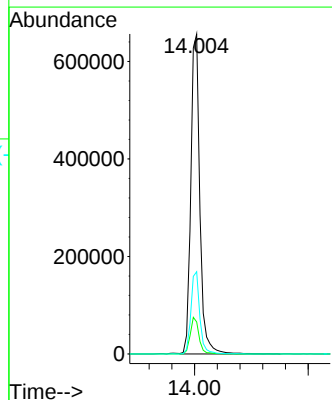
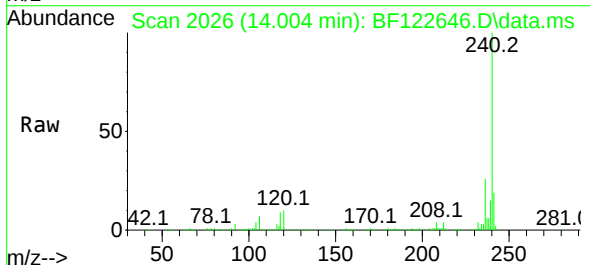
Instrument :
BNA_F
ClientSampleId :
PB133503TB

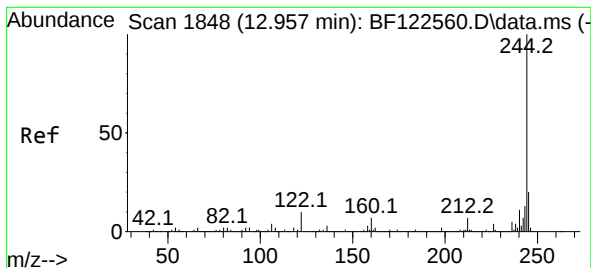
Tgt Ion:188 Resp: 856380
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.9 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

Tgt Ion:240 Resp: 723341
Ion Ratio Lower Upper
240 100
120 10.0 8.6 12.8
236 25.7 20.3 30.5





#79

Terphenyl-d14

Concen: 65.21 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF122646.D

Acq: 10 Dec 2020 15:00

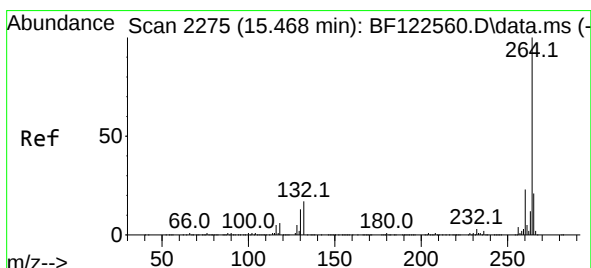
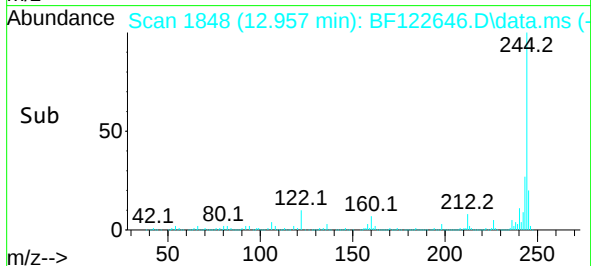
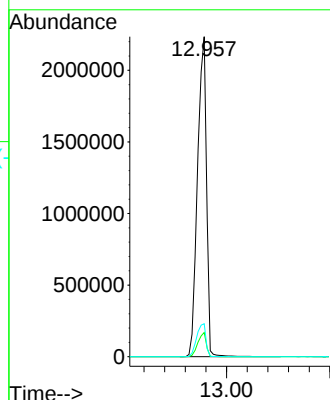
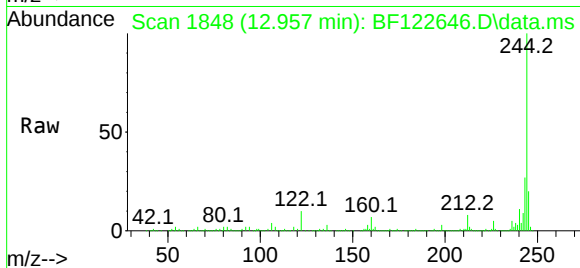
Tgt Ion:244 Resp: 2694863

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

122 10.3 8.3 12.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.000 min

Lab File: BF122646.D

Acq: 10 Dec 2020 15:00

Tgt Ion:264 Resp: 628863

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.0 17.0 25.6

