

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
 Data File : BF122645.D
 Acq On : 10 Dec 2020 14:29
 Operator : JU/CG
 Sample : PB133503BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133503BL

Quant Time: Dec 10 14:54:08 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	178593	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	703565	20.00	ng	0.00
39) Acenaphthene-d10	9.874	164	387617	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	744663	20.00	ng	0.00
76) Chrysene-d12	14.004	240	654817	20.00	ng	0.00
86) Perylene-d12	15.468	264	568988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1311700	116.28	ng	0.01
7) Phenol-d6	6.475	99	1642711	109.80	ng	0.00
23) Nitrobenzene-d5	7.404	82	1056415	75.23	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	579706	114.26	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1969877	68.74	ng	0.00
79) Terphenyl-d14	12.951	244	2277935	60.89	ng	0.00

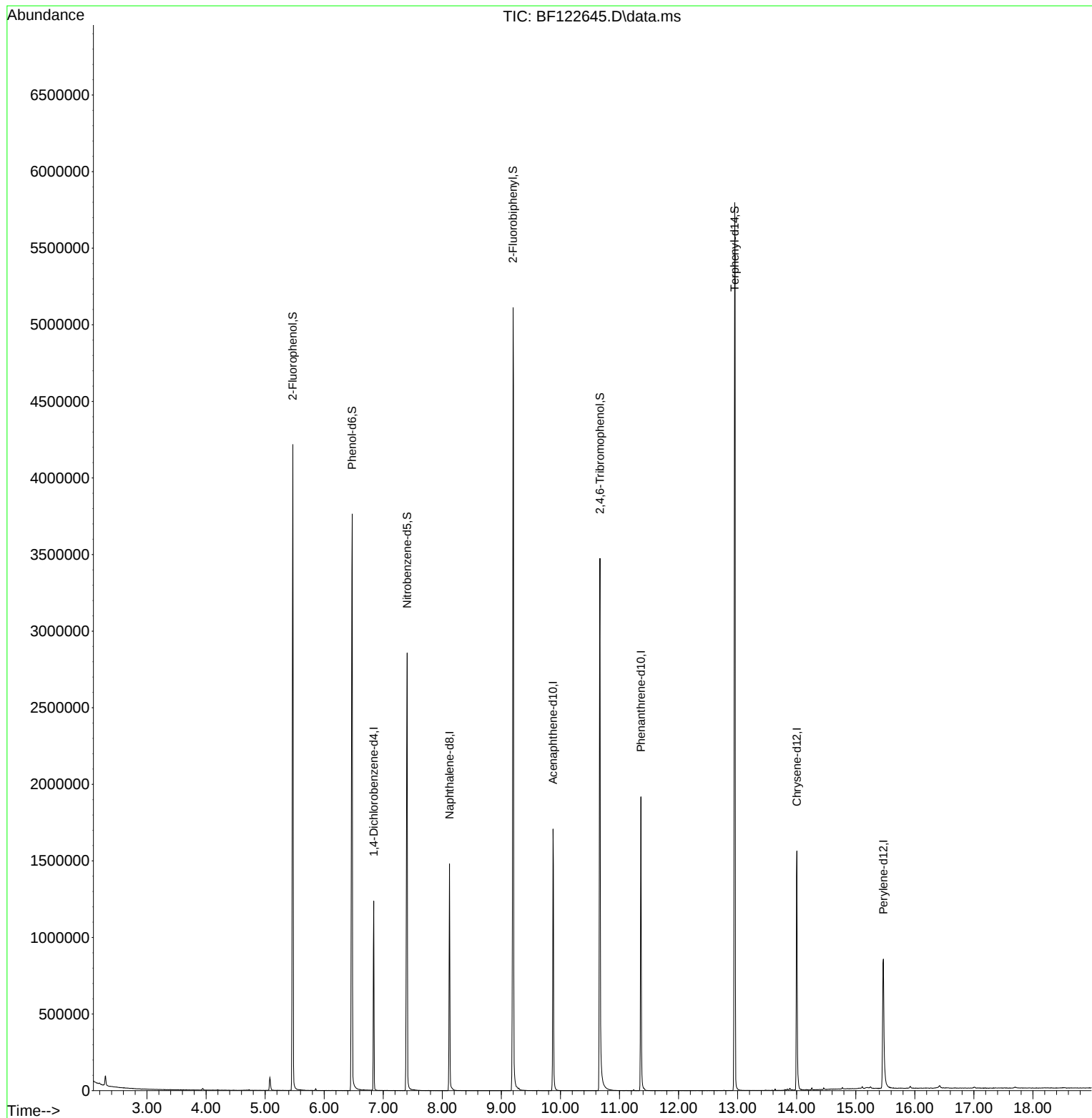
Target Compounds	Qvalue

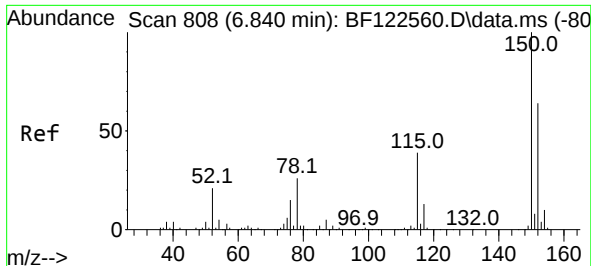
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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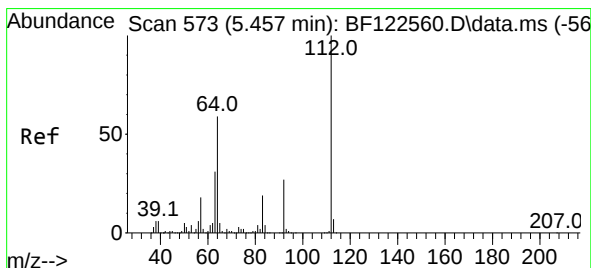
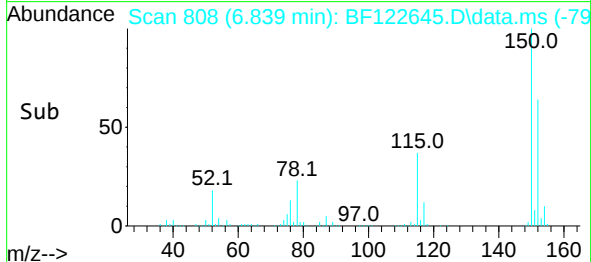
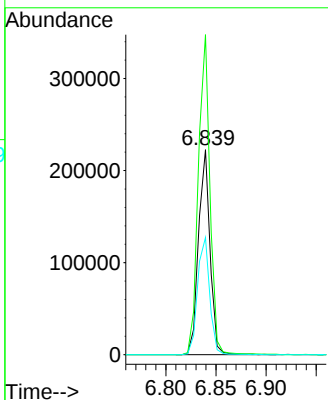
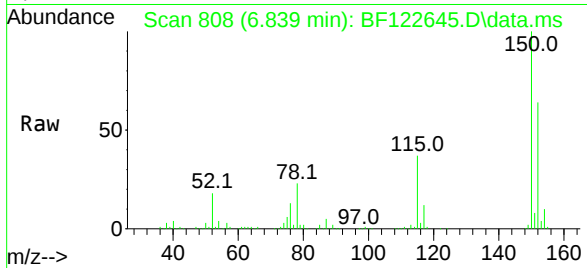




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122645.D
Acq: 10 Dec 2020 14:29

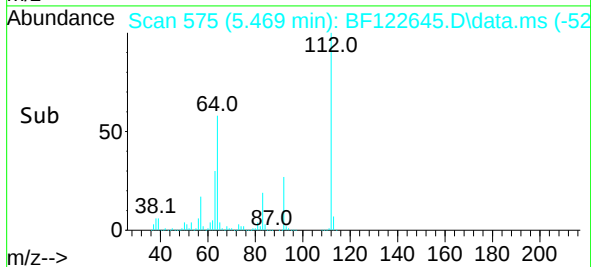
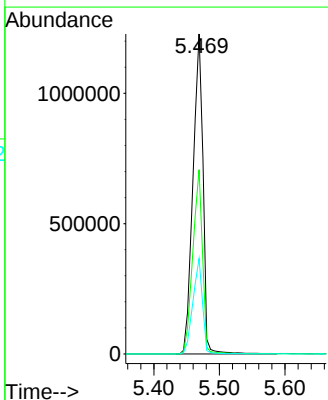
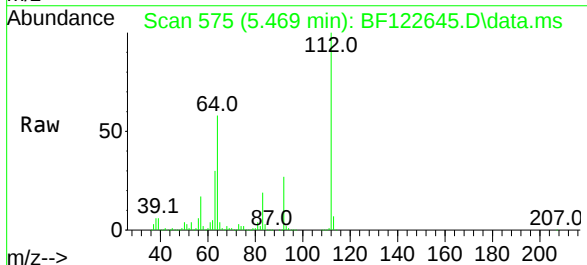
Instrument :
BNA_F
ClientSampleId :
PB133503BL

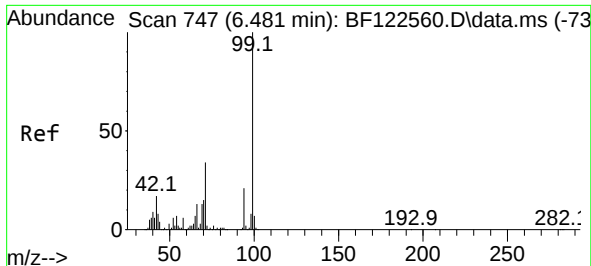
Tgt Ion:152 Resp: 178593
Ion Ratio Lower Upper
152 100
150 156.1 125.8 188.6
115 57.1 49.3 73.9



#5
2-Fluorophenol
Concen: 116.28 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF122645.D
Acq: 10 Dec 2020 14:29

Tgt Ion:112 Resp: 1311700
Ion Ratio Lower Upper
112 100
64 57.6 46.9 70.3
63 29.9 24.5 36.7



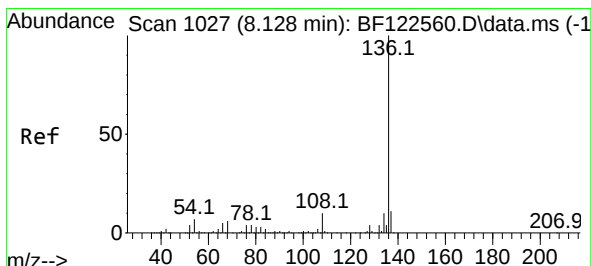
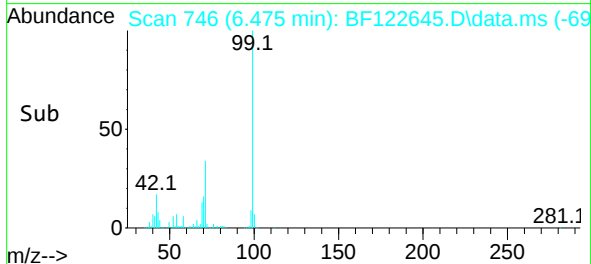
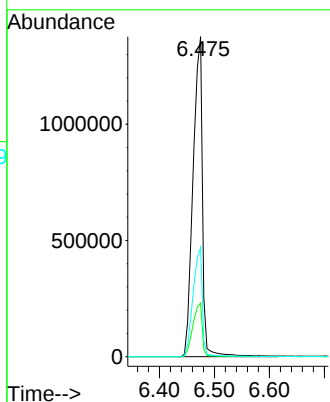
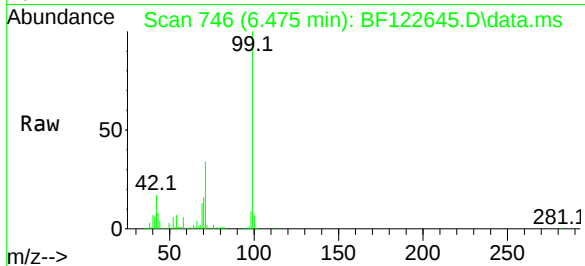


#7
Phenol-d6
Concen: 109.80 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF122645.D
Acq: 10 Dec 2020 14:29

Instrument :
BNA_F
ClientSampleId :
PB133503BL

Tgt Ion: 99 Resp: 1642711

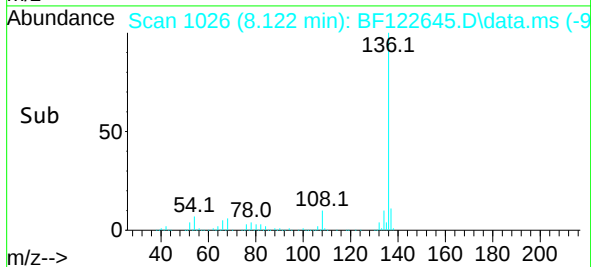
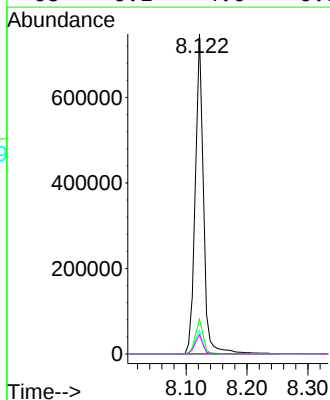
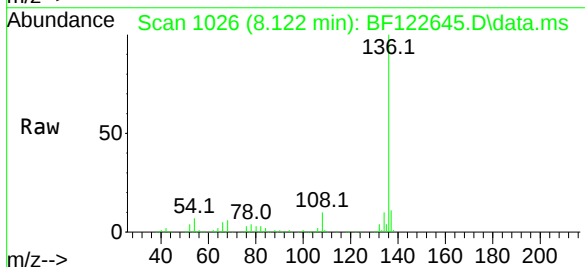
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.8	20.6
71	34.2	26.9	40.3

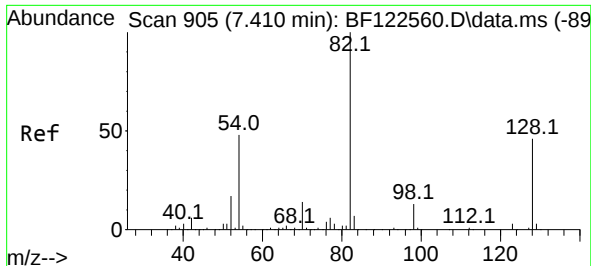


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122645.D
Acq: 10 Dec 2020 14:29

Tgt Ion: 136 Resp: 703565

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.4	5.5	8.3
68	6.1	4.6	6.8





#23

Nitrobenzene-d5

Concen: 75.23 ng

RT: 7.404 min Scan# 904

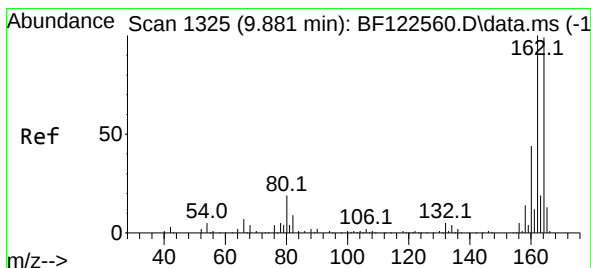
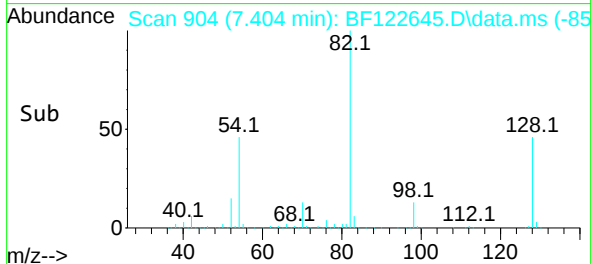
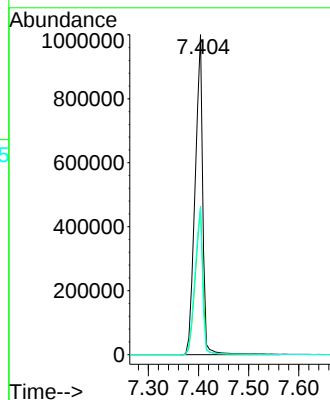
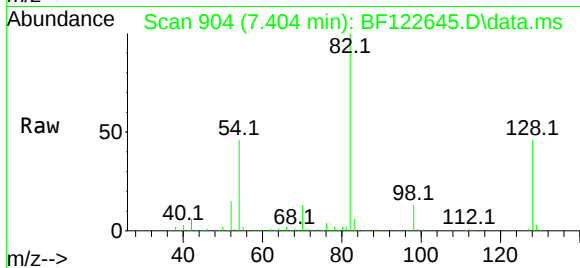
Delta R.T. -0.006 min

Lab File: BF122645.D

Acq: 10 Dec 2020 14:29

Tgt Ion: 82 Resp: 1056415

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.0	55.4
54	46.2	38.4	57.6



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.874 min Scan# 1324

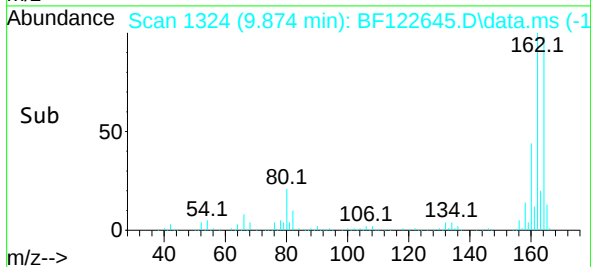
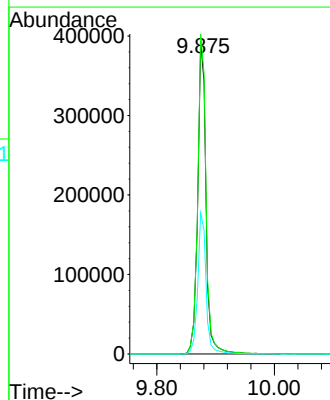
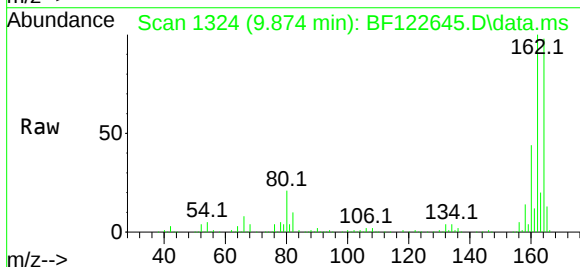
Delta R.T. -0.007 min

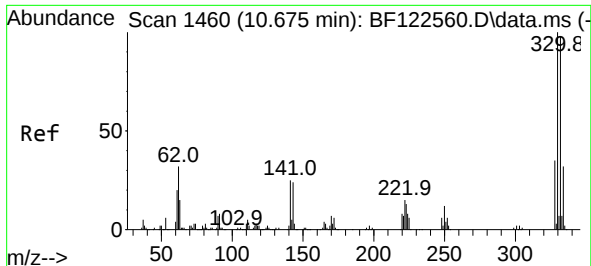
Lab File: BF122645.D

Acq: 10 Dec 2020 14:29

Tgt Ion: 164 Resp: 387617

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.8	121.2
160	45.1	35.4	53.0

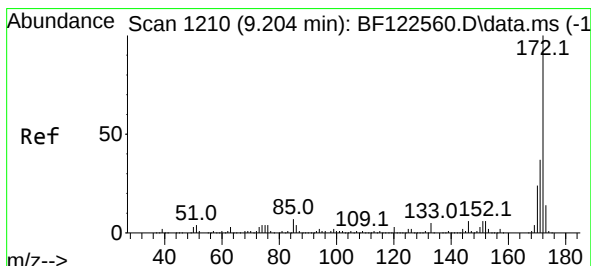
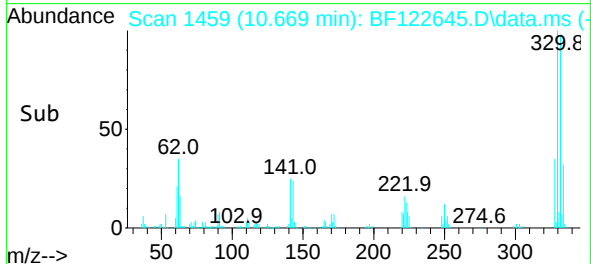
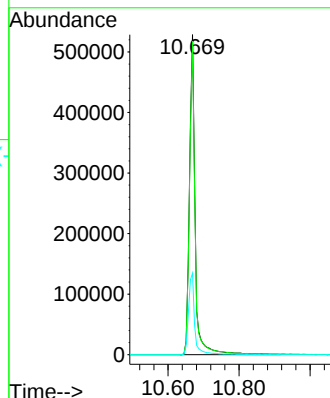
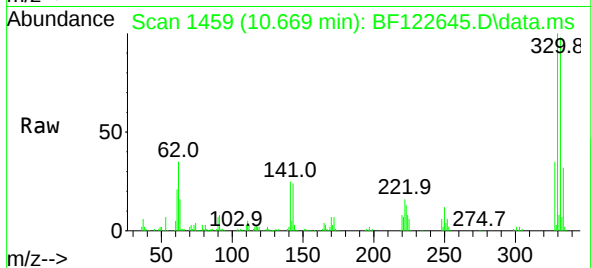




#42
2,4,6-Tribromophenol
Concen: 114.26 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122645.D
Acq: 10 Dec 2020 14:29

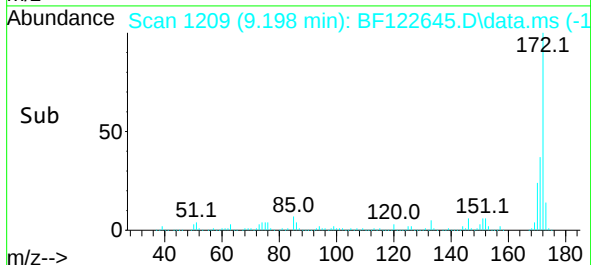
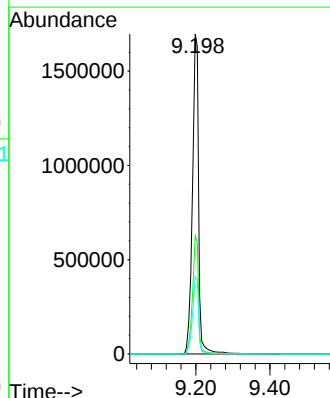
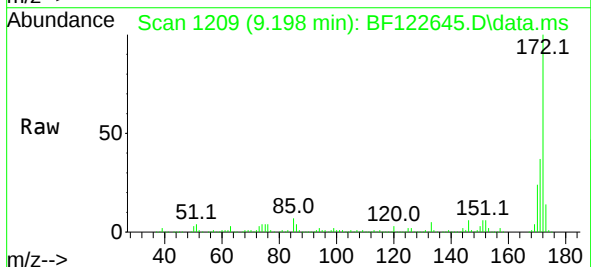
Instrument :
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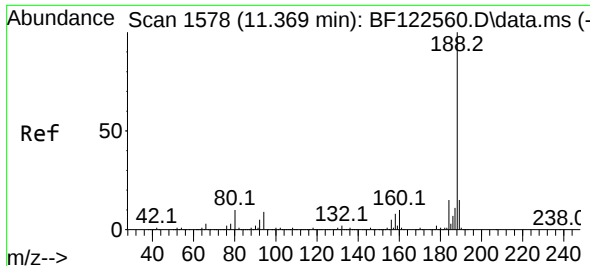
Tgt Ion: 330 Resp: 579706
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 27.9 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 68.74 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122645.D
Acq: 10 Dec 2020 14:29

Tgt Ion: 172 Resp: 1969877
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.2 19.5 29.3

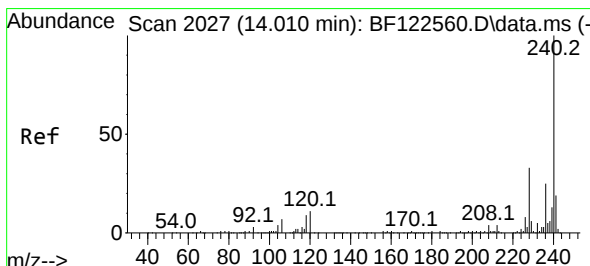
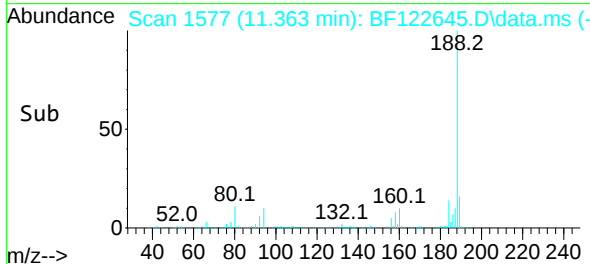
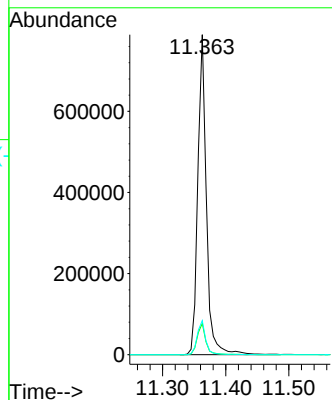
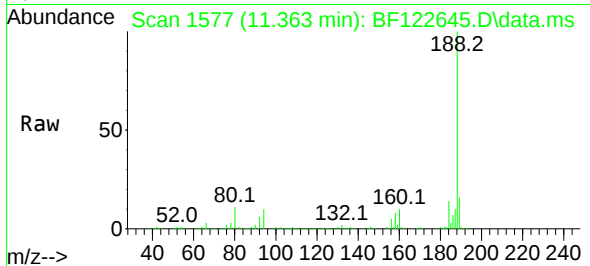




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122645.D
Acq: 10 Dec 2020 14:29

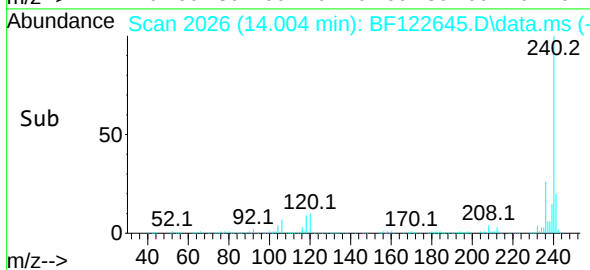
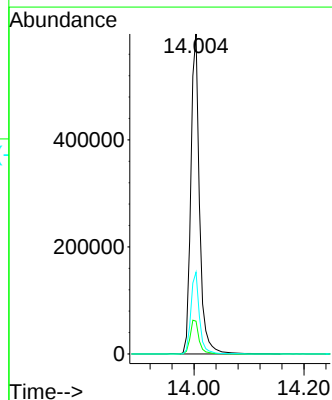
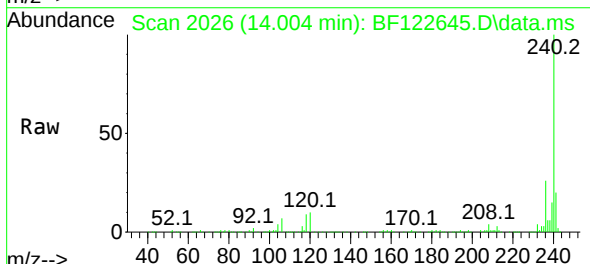
Instrument :
BNA_F
ClientSampleId :
PB133503BL

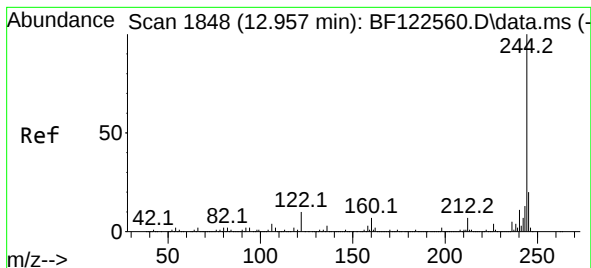
Tgt Ion:188 Resp: 744663
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.6 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122645.D
Acq: 10 Dec 2020 14:29

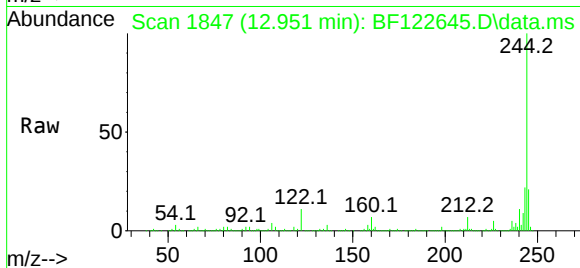
Tgt Ion:240 Resp: 654817
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 25.6 20.3 30.5





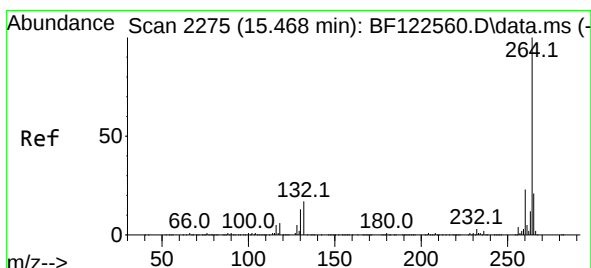
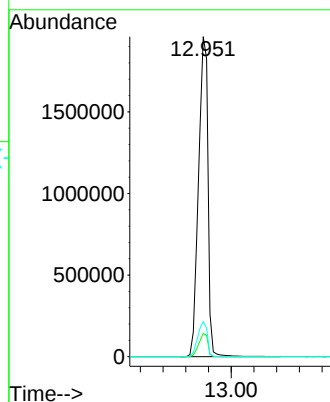
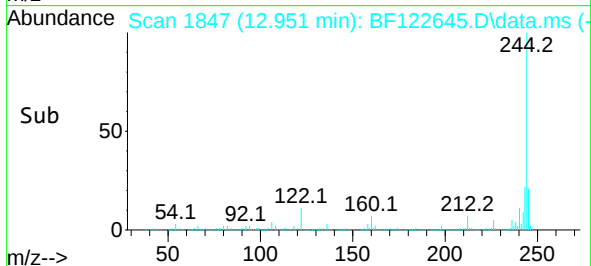
#79
 Terphenyl-d14
 Concen: 60.89 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF122645.D
 Acq: 10 Dec 2020 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PB133503BL

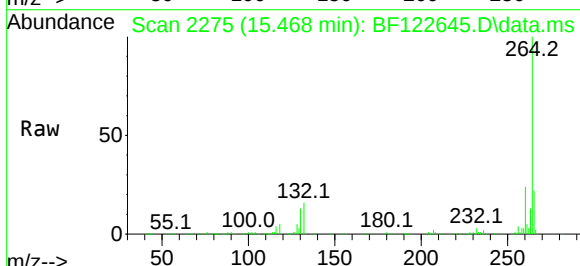


Tgt Ion:244 Resp: 2277935

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	10.9	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: BF122645.D
 Acq: 10 Dec 2020 14:29



Tgt Ion:264 Resp: 568988

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	28.0
265	21.6	17.0	25.6

