

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
 Data File : BF122888.D
 Acq On : 30 Dec 2020 20:06
 Operator : JU/CG
 Sample : L5221-02DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124021DL

Quant Time: Dec 31 00:57:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

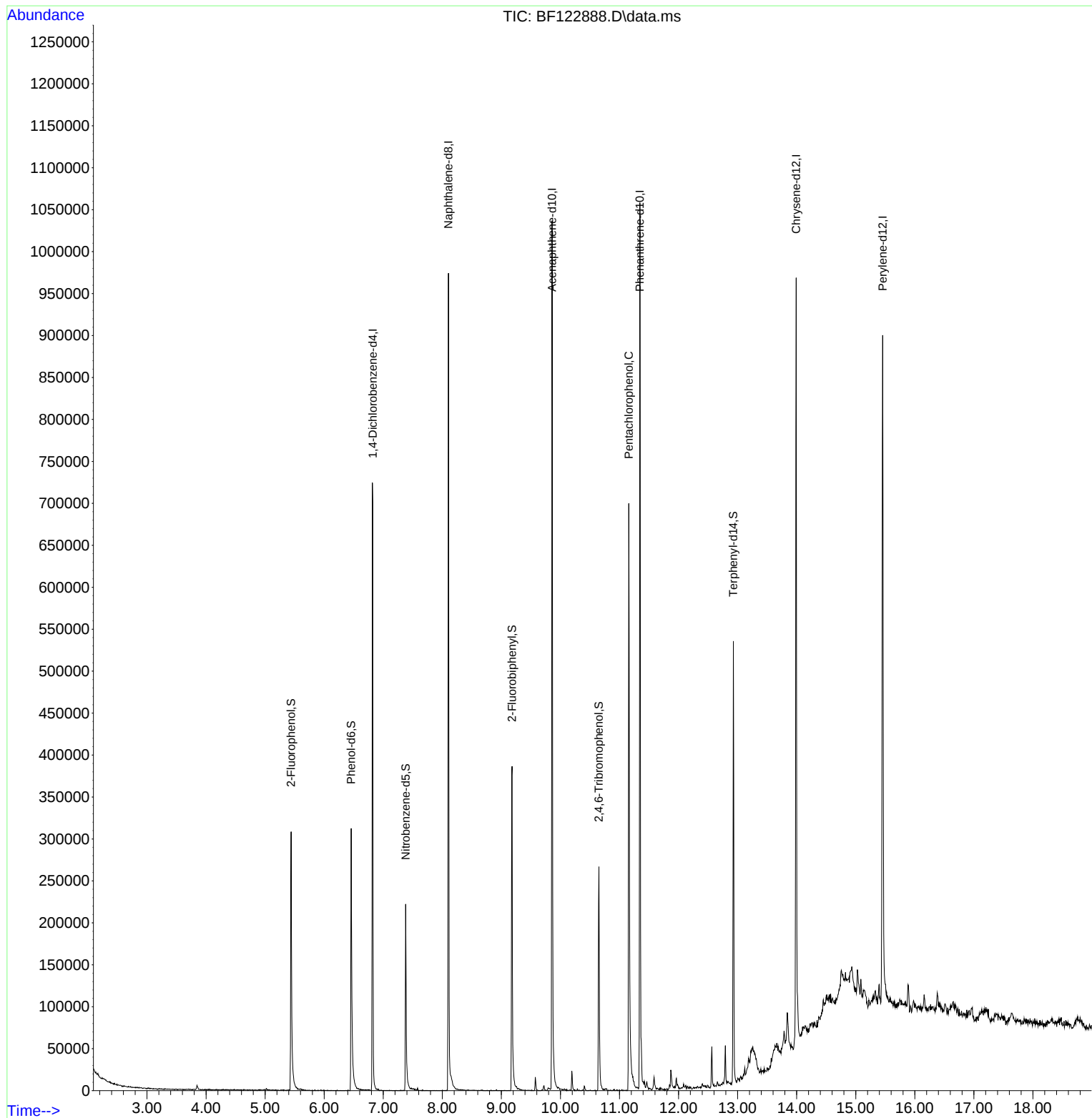
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	123993	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	451554	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	237615	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	408759	20.00	ng	0.00
76) Chrysene-d12	13.992	240	332303	20.00	ng	0.00
86) Perylene-d12	15.457	264	372880	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	123385	15.75	ng	0.00
7) Phenol-d6	6.457	99	149192	14.36	ng	0.00
23) Nitrobenzene-d5	7.381	82	84372	9.36	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	45324	14.57	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	160750	9.15	ng	0.00
79) Terphenyl-d14	12.927	244	168194	8.86	ng	0.00
Target Compounds						
70) Pentachlorophenol	11.157	266	113910	35.11	ng	Qvalue 99

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

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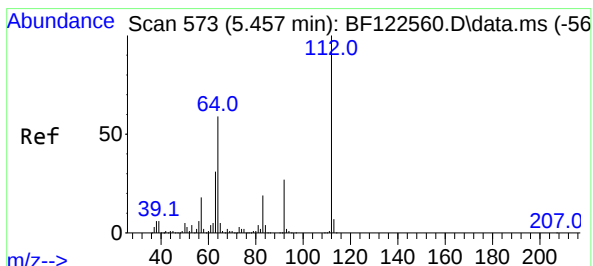
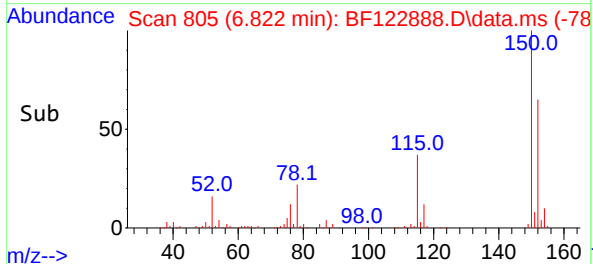
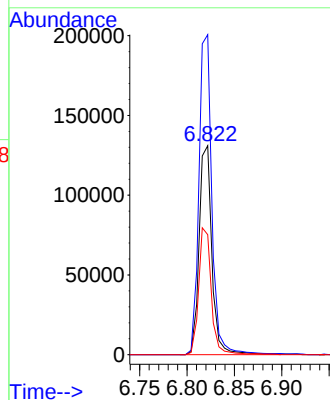
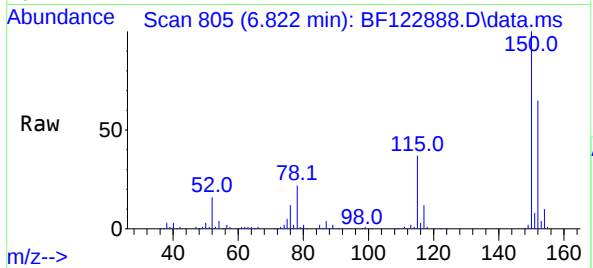




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF122888.D
Acq: 30 Dec 2020 20:06

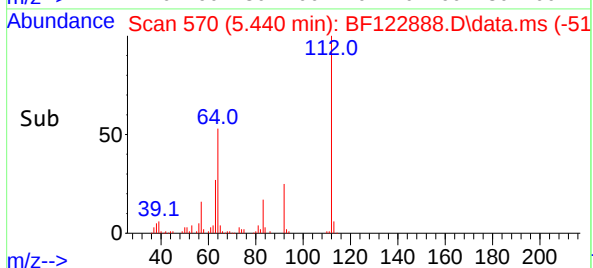
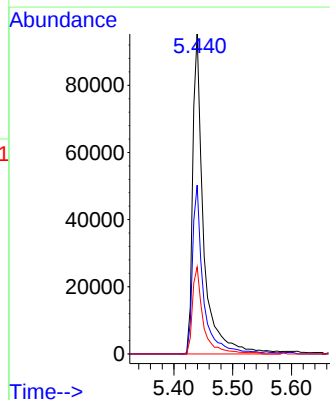
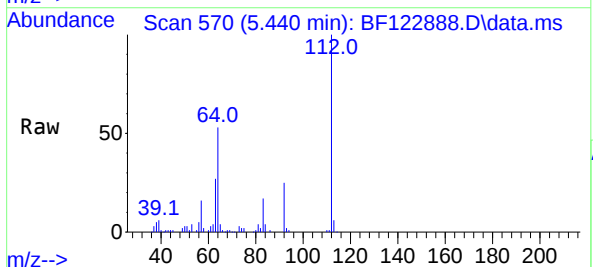
Instrument :
BNA_F
ClientSampled :
124021DL

Tgt Ion:152 Resp: 123993
Ion Ratio Lower Upper
152 100
150 153.1 125.8 188.6
115 57.4 49.3 73.9



#5
2-Fluorophenol
Concen: 15.75 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF122888.D
Acq: 30 Dec 2020 20:06

Tgt Ion:112 Resp: 123385
Ion Ratio Lower Upper
112 100
64 52.8 46.9 70.3
63 27.2 24.5 36.7



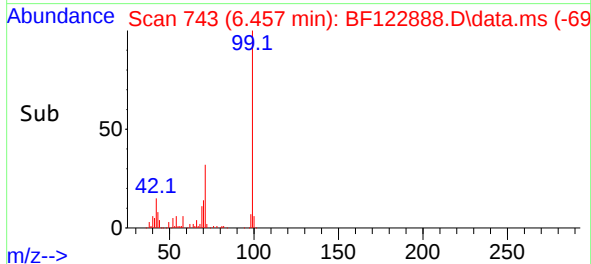
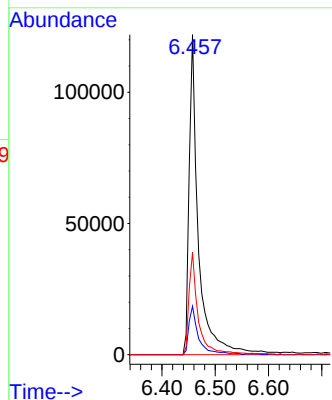
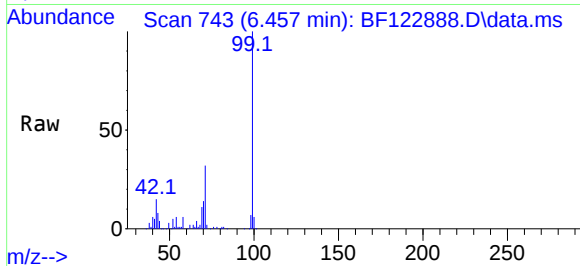


#7
Phenol-d6
Concen: 14.36 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122888.D
Acq: 30 Dec 2020 20:06

Instrument :
BNA_F
ClientSampleId :
124021DL

Tgt Ion: 99 Resp: 149192

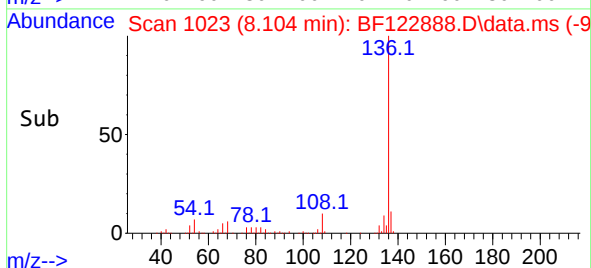
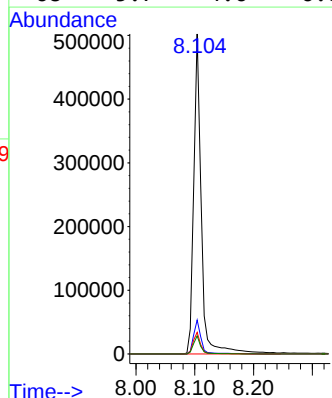
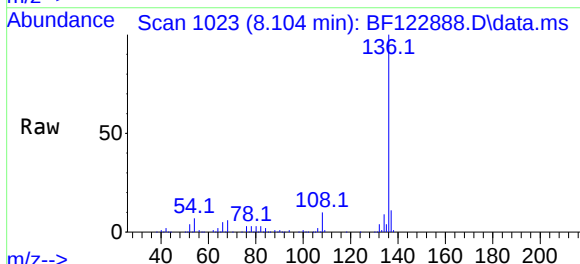
Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.8	20.6
71	32.0	26.9	40.3

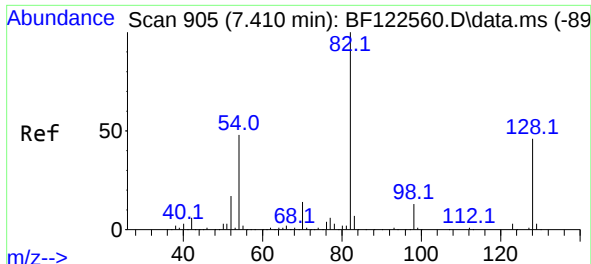


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122888.D
Acq: 30 Dec 2020 20:06

Tgt Ion: 136 Resp: 451554

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.7	5.5	8.3
68	5.7	4.6	6.8

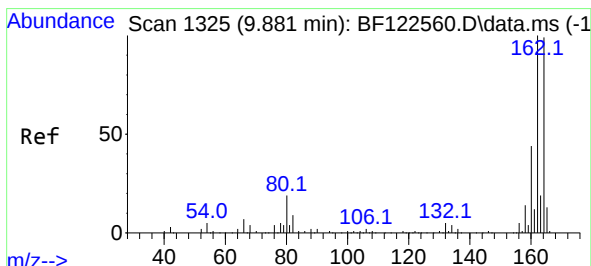
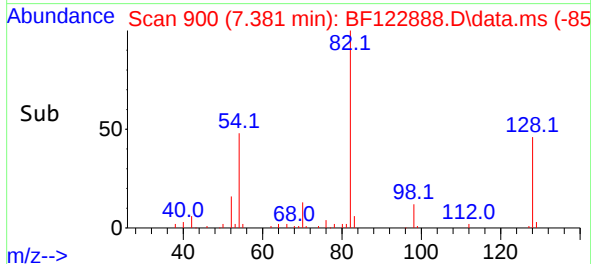
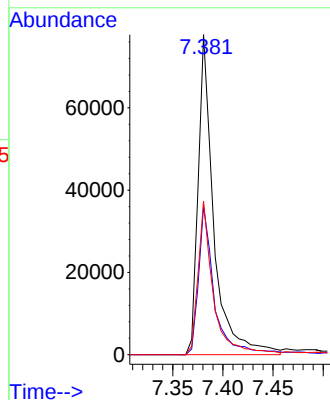
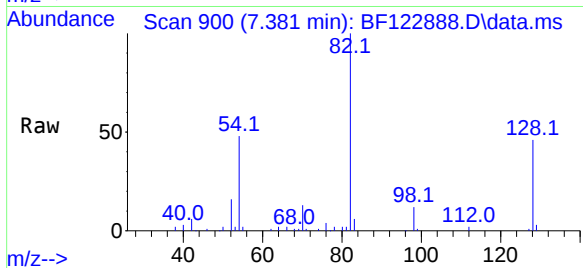




#23
Nitrobenzene-d5
Concen: 9.36 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122888.D
Acq: 30 Dec 2020 20:06

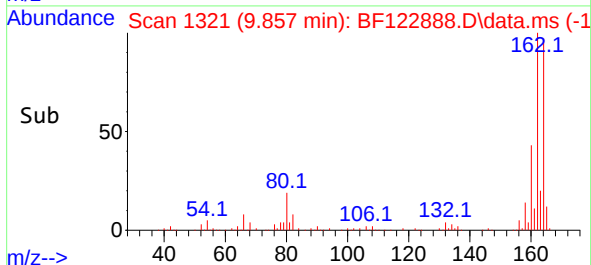
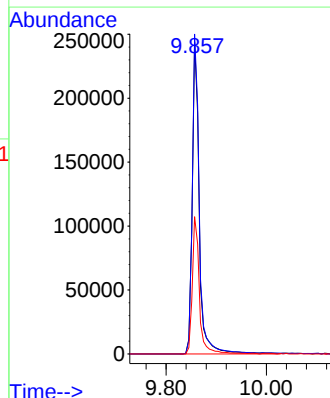
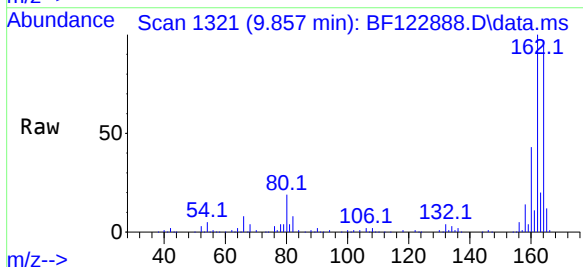
Instrument :
BNA_F
ClientSampleId :
124021DL

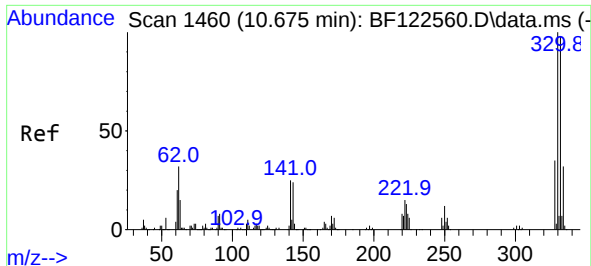
Tgt Ion: 82 Resp: 84372
Ion Ratio Lower Upper
82 100
128 46.4 37.0 55.4
54 48.0 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122888.D
Acq: 30 Dec 2020 20:06

Tgt Ion:164 Resp: 237615
Ion Ratio Lower Upper
164 100
162 102.7 80.8 121.2
160 44.1 35.4 53.0

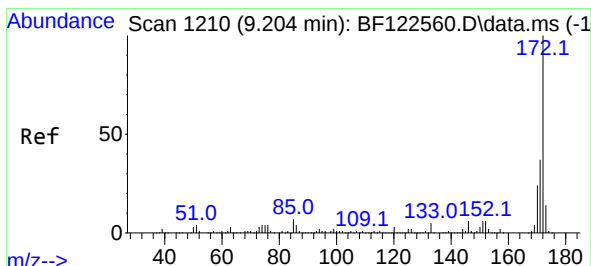
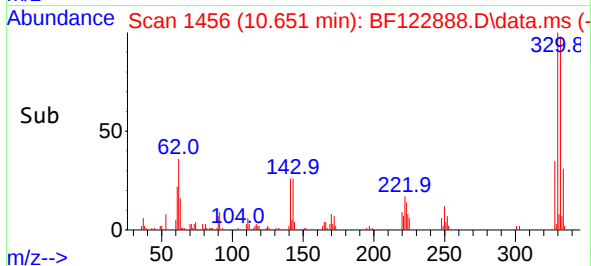
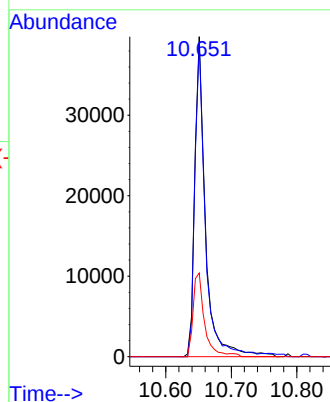
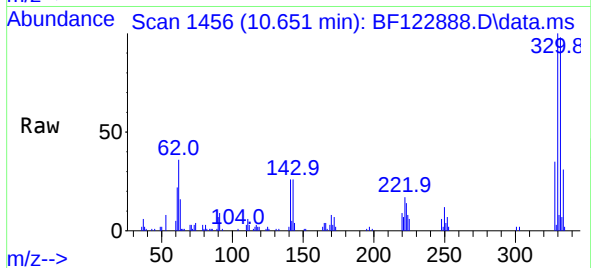




#42
2,4,6-Tribromophenol
Concen: 14.57 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122888.D
Acq: 30 Dec 2020 20:06

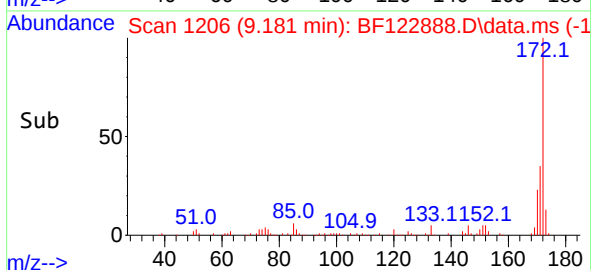
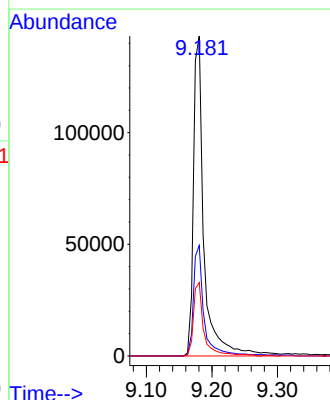
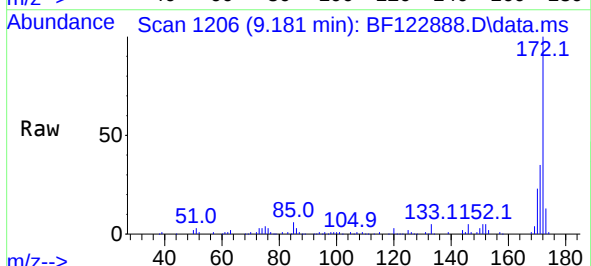
Instrument :
BNA_F
ClientSampleID :
124021DL

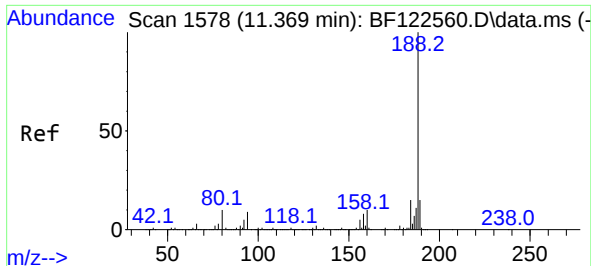
Tgt Ion: 330 Resp: 45324
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 27.9 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 9.15 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122888.D
Acq: 30 Dec 2020 20:06

Tgt Ion: 172 Resp: 160750
Ion Ratio Lower Upper
172 100
171 34.5 29.6 44.4
170 23.0 19.5 29.3

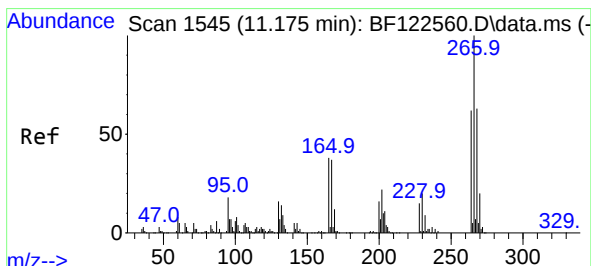
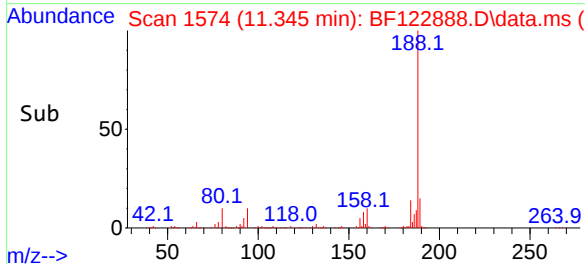
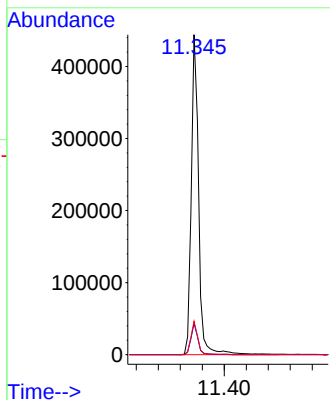
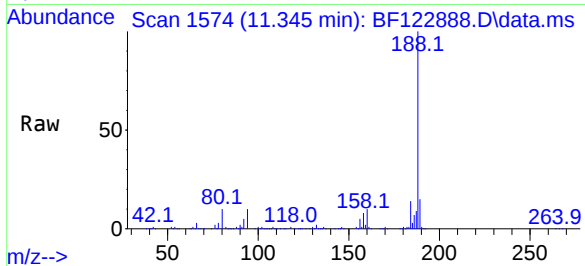




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122888.D
Acq: 30 Dec 2020 20:06

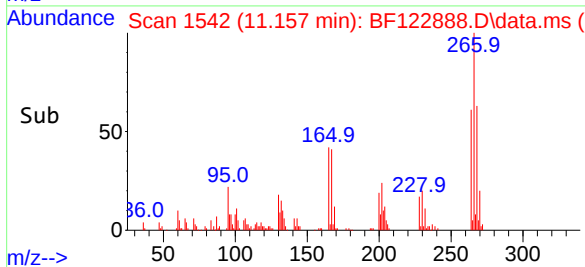
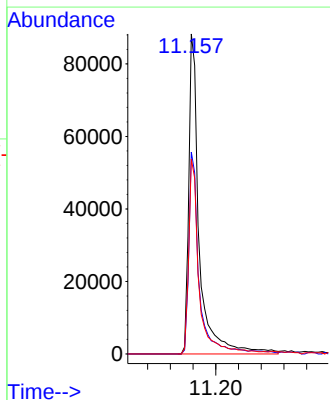
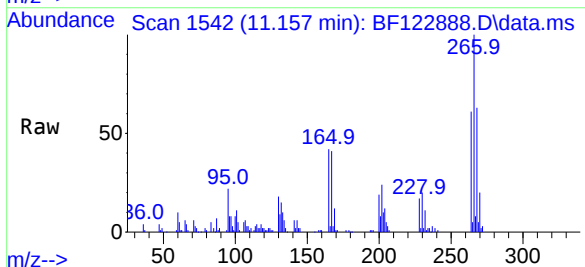
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ClientSampleId :
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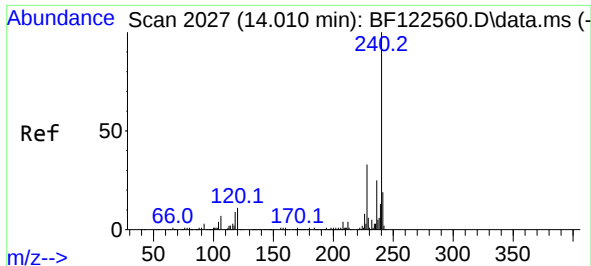
Tgt Ion:188 Resp: 408759
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.4 8.2 12.4



#70
Pentachlorophenol
Concen: 35.11 ng
RT: 11.157 min Scan# 1542
Delta R.T. 0.006 min
Lab File: BF122888.D
Acq: 30 Dec 2020 20:06

Tgt Ion:266 Resp: 113910
Ion Ratio Lower Upper
266 100
268 63.1 50.5 75.7
264 60.9 49.8 74.8

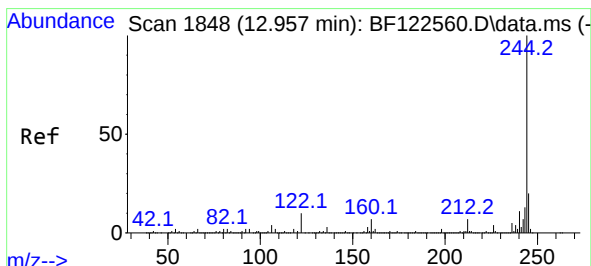
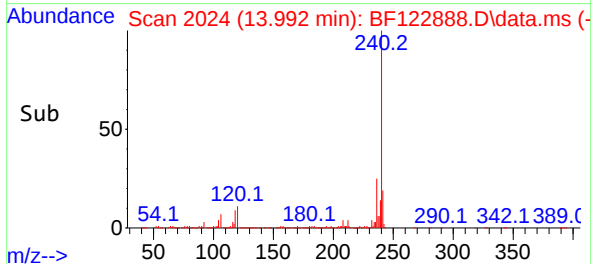
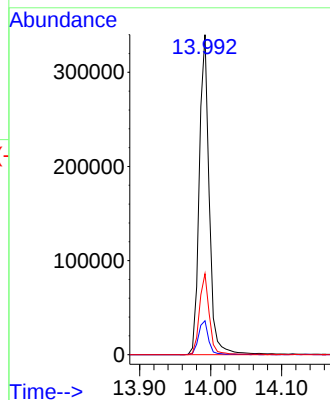
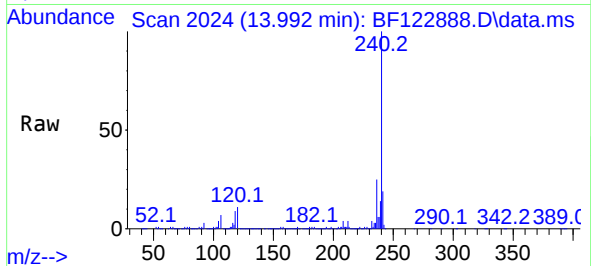




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF122888.D
Acq: 30 Dec 2020 20:06

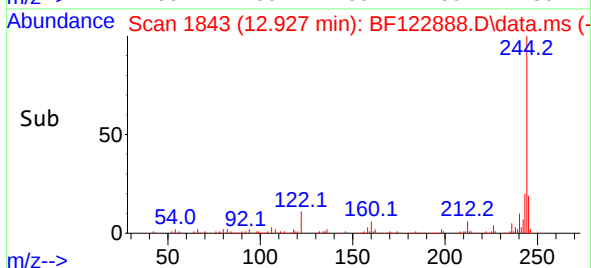
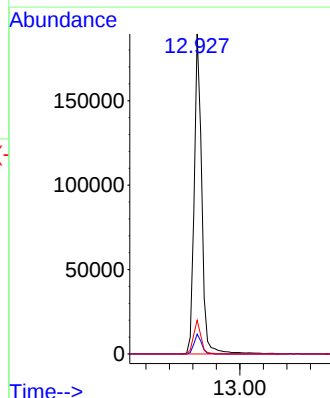
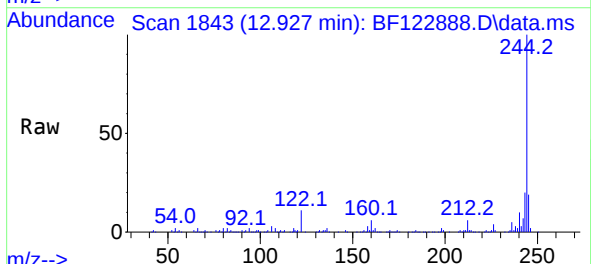
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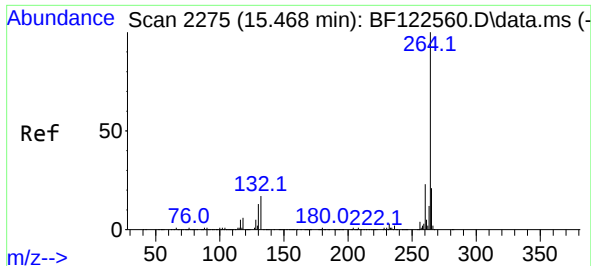
Tgt Ion:240 Resp: 332303
Ion Ratio Lower Upper
240 100
120 10.6 8.6 12.8
236 25.3 20.3 30.5



#79
Terphenyl-d14
Concen: 8.86 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122888.D
Acq: 30 Dec 2020 20:06

Tgt Ion:244 Resp: 168194
Ion Ratio Lower Upper
244 100
212 6.2 5.7 8.5
122 10.6 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.017 min
Lab File: BF122888.D
Acq: 30 Dec 2020 20:06

Instrument :
BNA_F
ClientSampleId :
124021DL

Tgt Ion:264 Resp: 372880

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	21.7	17.0	25.6

