

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
 Data File : BF122767.D
 Acq On : 17 Dec 2020 16:34
 Operator : JU/CG
 Sample : PB133586BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133586BL

Quant Time: Dec 17 16:59:42 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	6.816	152	182683	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	714843	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	380067	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	720454	20.00	ng	0.00
76) Chrysene-d12	13.986	240	670382	20.00	ng	0.00
86) Perylene-d12	15.439	264	623205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1248502	108.20	ng	0.02
7) Phenol-d6	6.451	99	1576641	103.02	ng	0.00
23) Nitrobenzene-d5	7.381	82	988509	69.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	515765	103.67	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1807099	64.31	ng	0.00
79) Terphenyl-d14	12.933	244	2088518	54.53	ng	0.00

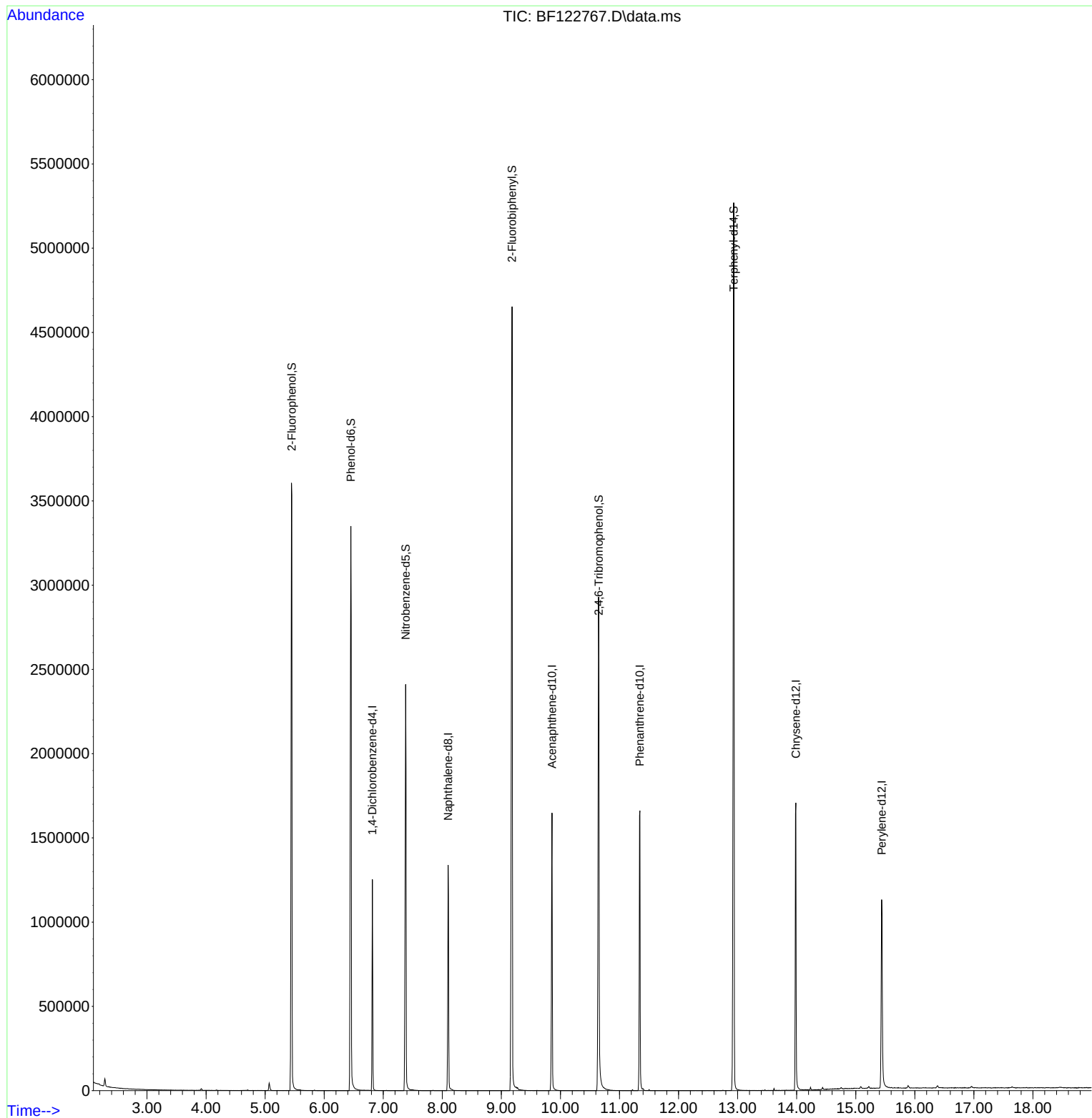
Target Compounds	Qvalue

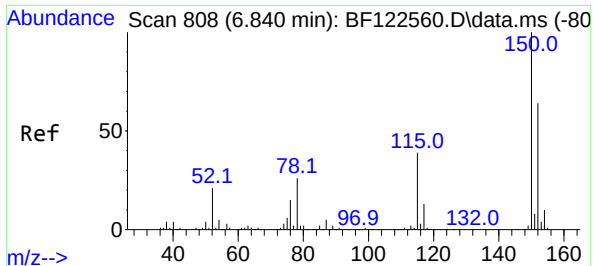
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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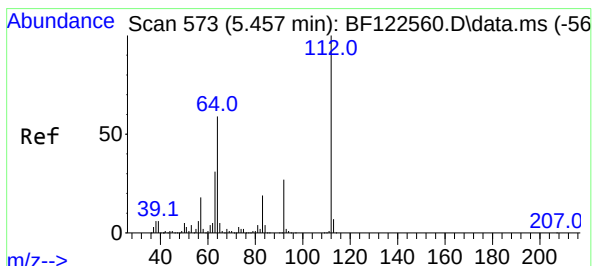
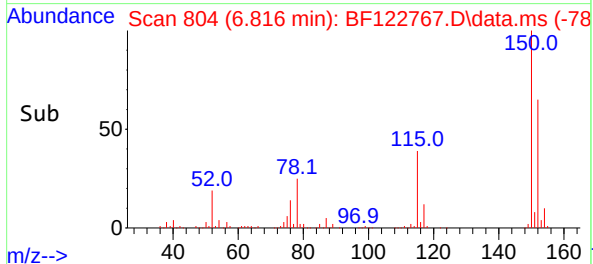
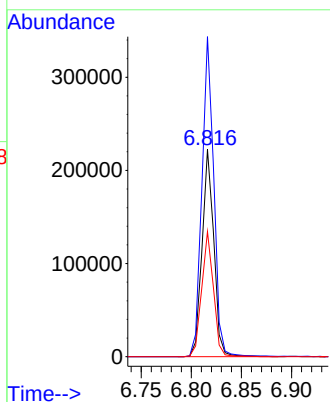
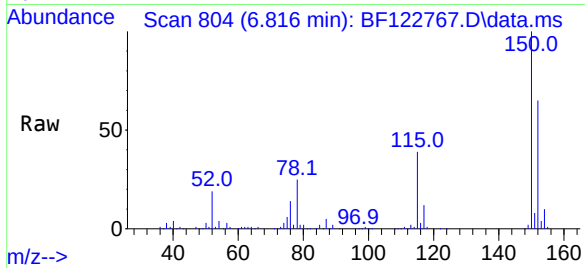




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122767.D
Acq: 17 Dec 2020 16:34

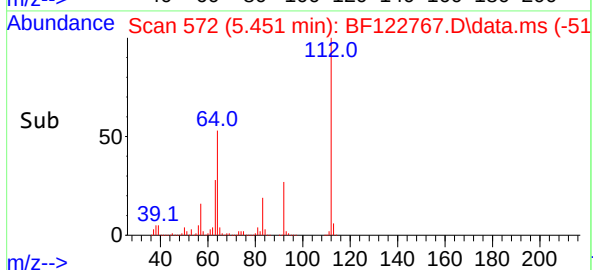
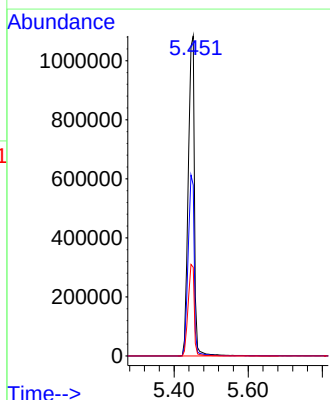
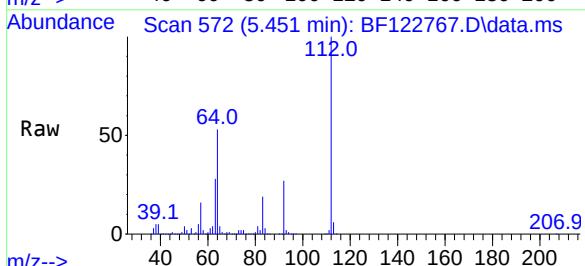
Instrument :
BNA_F
ClientSampleId :
PB133586BL

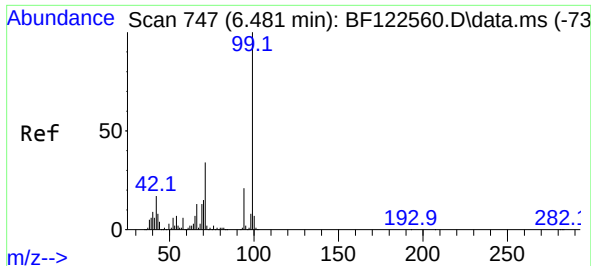
Tgt Ion:152 Resp: 182683
Ion Ratio Lower Upper
152 100
150 154.4 125.8 188.6
115 60.4 49.3 73.9



#5
2-Fluorophenol
Concen: 108.20 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF122767.D
Acq: 17 Dec 2020 16:34

Tgt Ion:112 Resp: 1248502
Ion Ratio Lower Upper
112 100
64 53.4 46.9 70.3
63 27.7 24.5 36.7

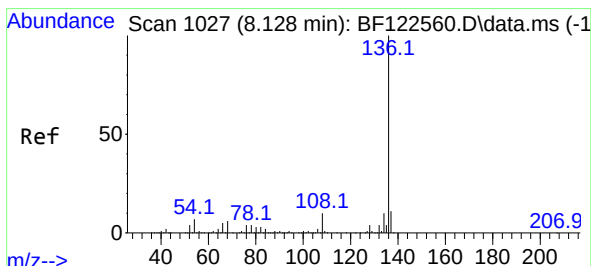
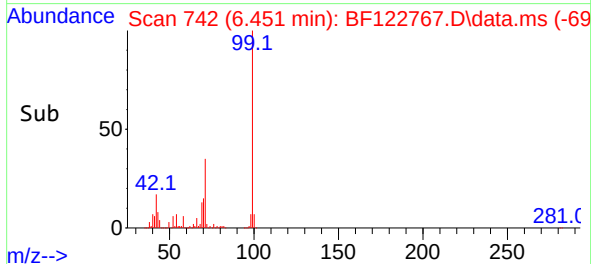
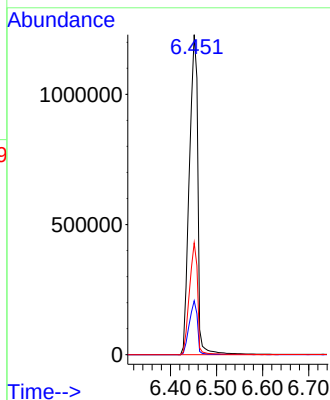
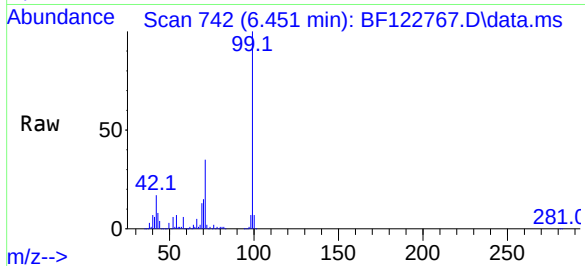




#7
Phenol-d6
Concen: 103.02 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122767.D
Acq: 17 Dec 2020 16:34

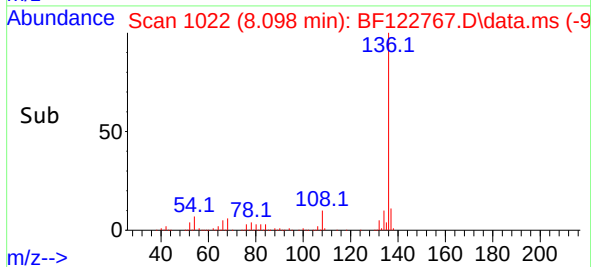
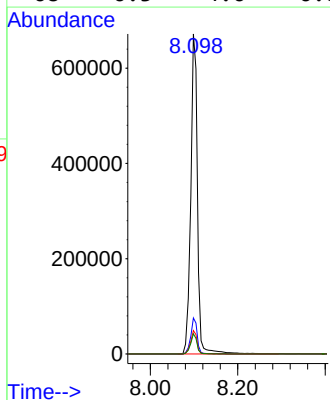
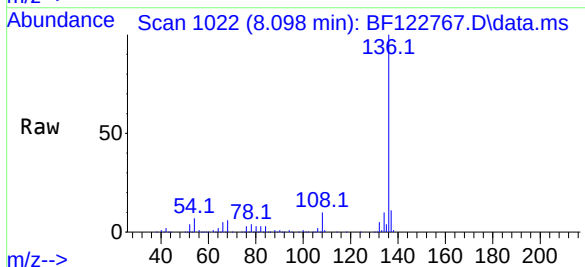
Instrument :
BNA_F
ClientSampleId :
PB133586BL

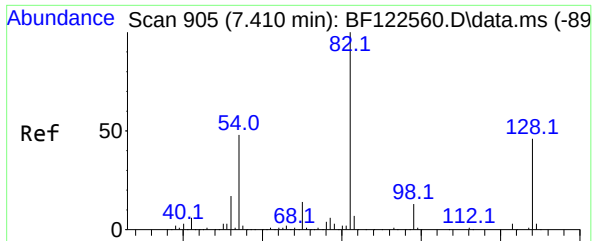
Tgt Ion: 99 Resp: 1576641
Ion Ratio Lower Upper
99 100
42 16.8 13.8 20.6
71 35.0 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122767.D
Acq: 17 Dec 2020 16:34

Tgt Ion: 136 Resp: 714843
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.3 5.5 8.3
68 6.3 4.6 6.8

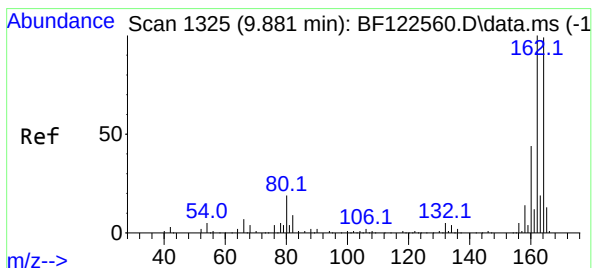
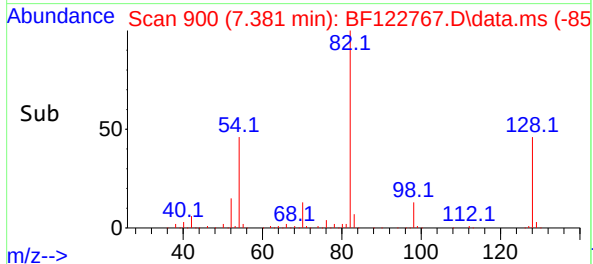
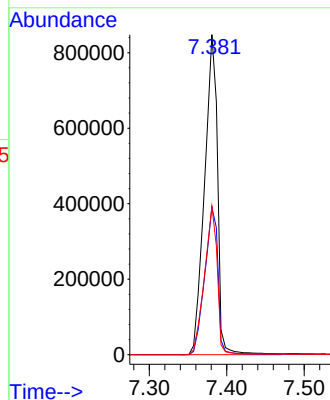
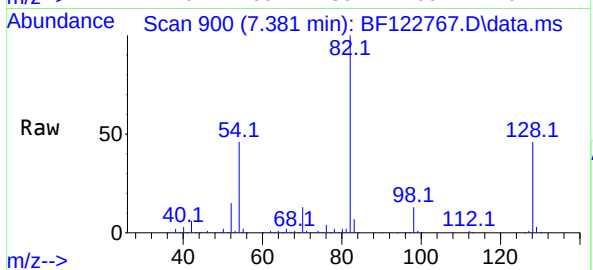




#23
Nitrobenzene-d5
Concen: 69.28 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122767.D
Acq: 17 Dec 2020 16:34

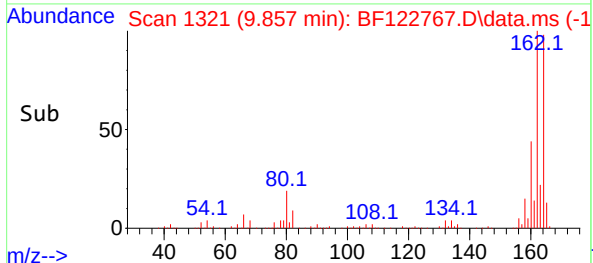
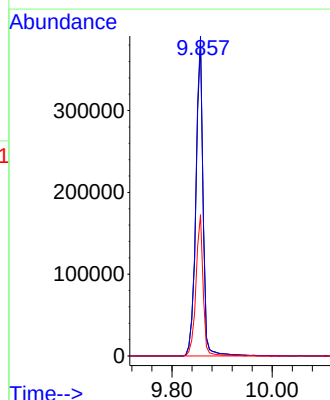
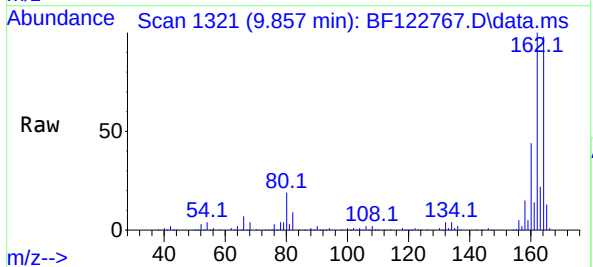
Instrument :
BNA_F
ClientSampleId :
PB133586BL

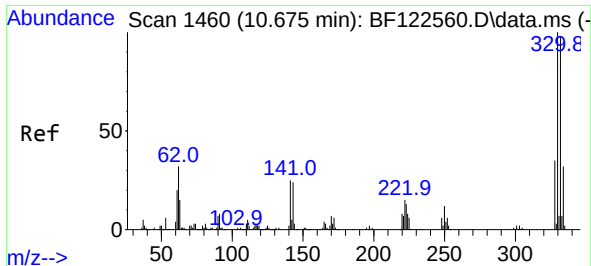
Tgt Ion: 82 Resp: 988509
Ion Ratio Lower Upper
82 100
128 46.1 37.0 55.4
54 46.4 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122767.D
Acq: 17 Dec 2020 16:34

Tgt Ion:164 Resp: 380067
Ion Ratio Lower Upper
164 100
162 101.9 80.8 121.2
160 45.0 35.4 53.0

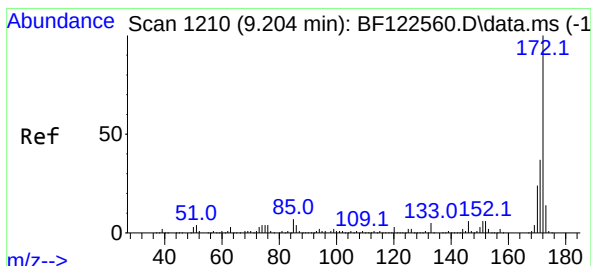
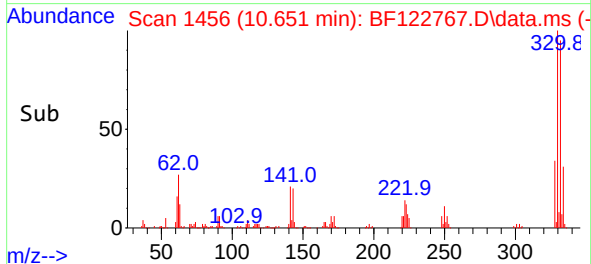
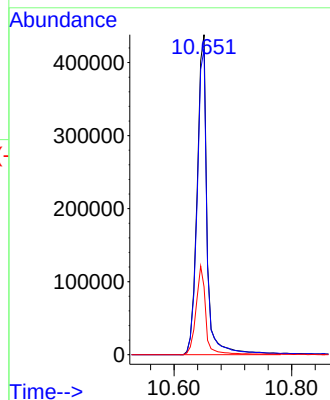
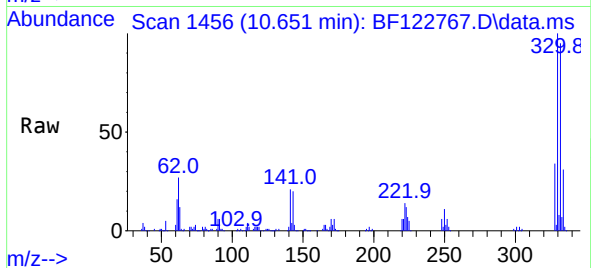




#42
2,4,6-Tribromophenol
Concen: 103.67 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122767.D
Acq: 17 Dec 2020 16:34

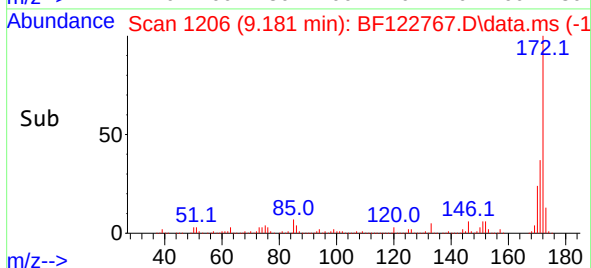
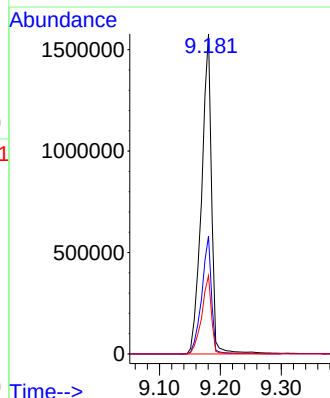
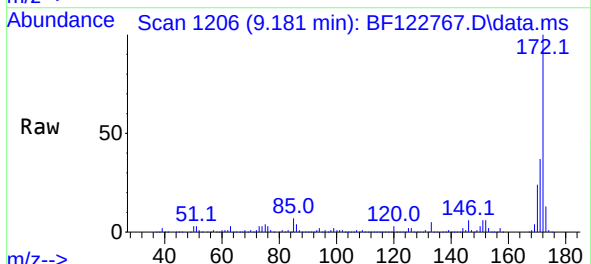
Instrument :
BNA_F
ClientSampleId :
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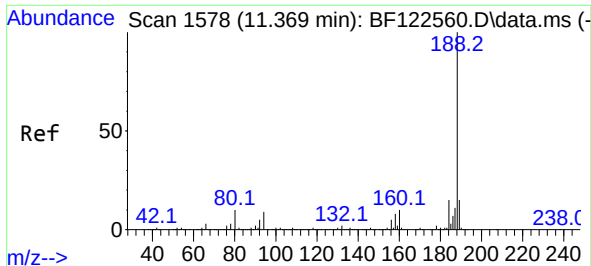
Tgt Ion:330 Resp: 515765
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 27.6 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 64.31 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122767.D
Acq: 17 Dec 2020 16:34

Tgt Ion:172 Resp: 1807099
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.5 19.5 29.3

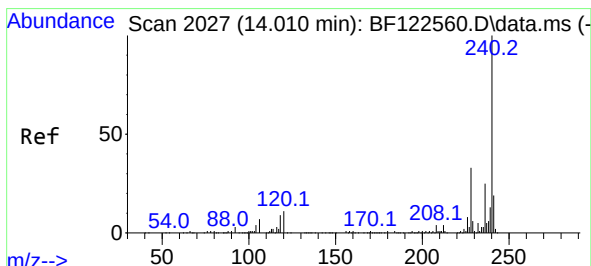
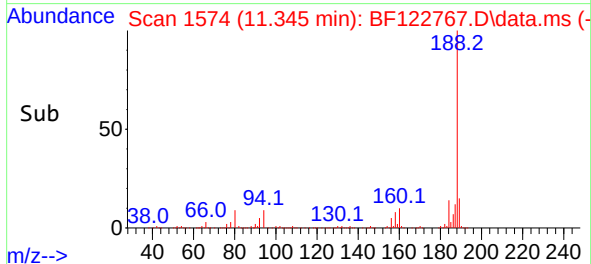
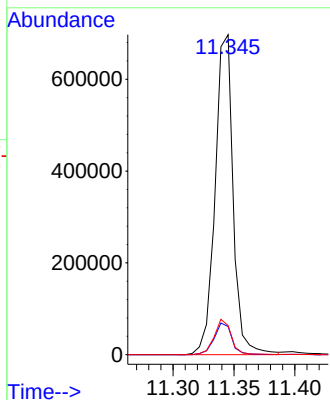
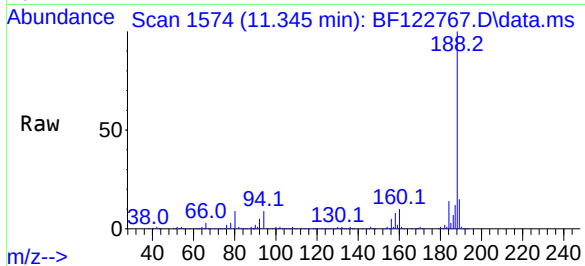




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122767.D
Acq: 17 Dec 2020 16:34

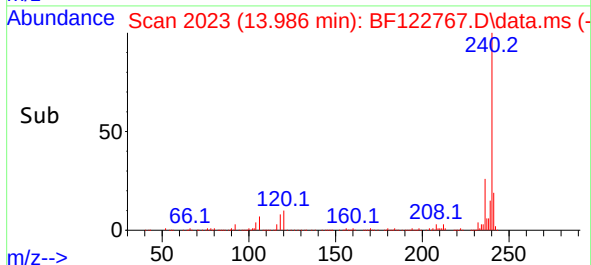
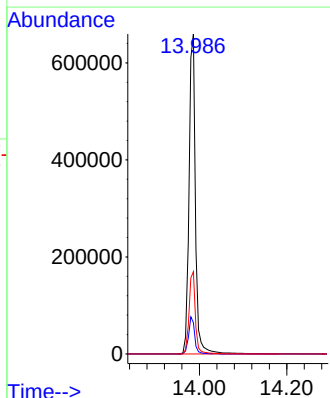
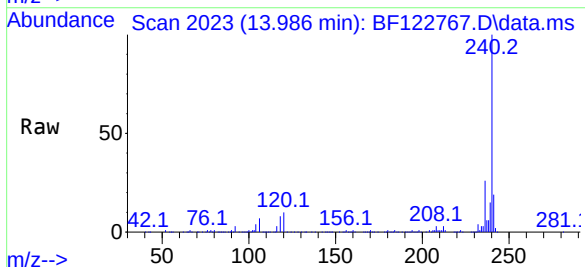
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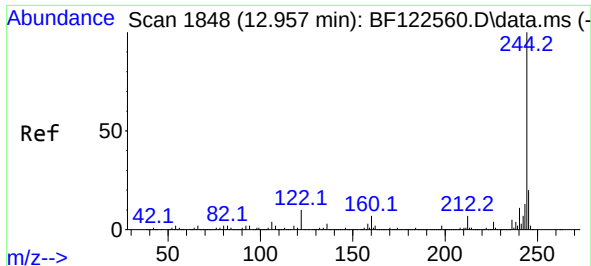
Tgt Ion:188 Resp: 720454
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.1 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122767.D
Acq: 17 Dec 2020 16:34

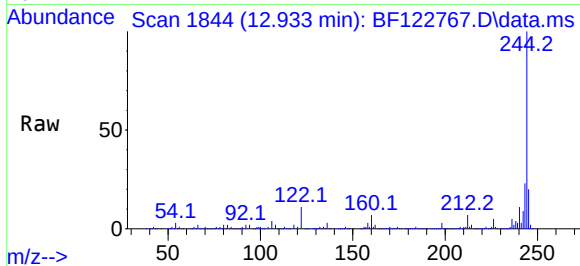
Tgt Ion:240 Resp: 670382
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 25.7 20.3 30.5





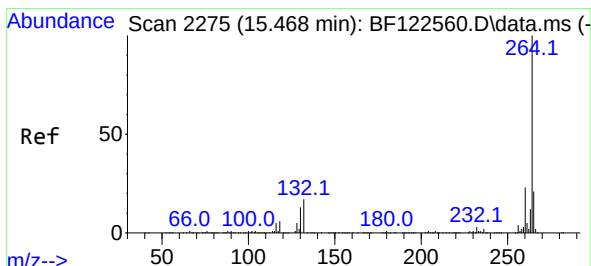
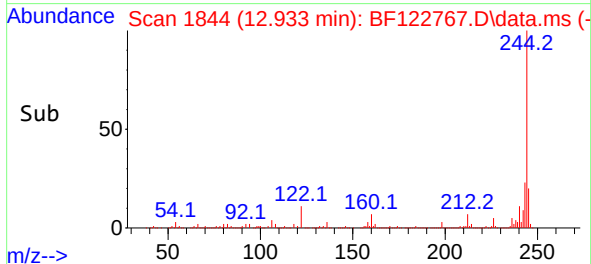
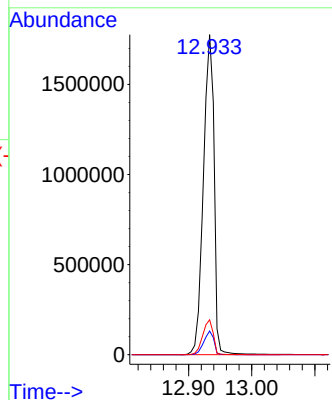
#79
 Terphenyl-d14
 Concen: 54.53 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF122767.D
 Acq: 17 Dec 2020 16:34

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2088518

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	10.9	8.3	12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF122767.D
 Acq: 17 Dec 2020 16:34

Tgt Ion:264 Resp: 623205

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.3	17.0	25.6

