

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
 Data File : BF128077.D
 Acq On : 04 May 2022 17:51
 Operator : CG\JU
 Sample : N2665-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9,12

Quant Time: May 05 06:06:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	87632	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	343170	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	182848	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	273968	20.000	ng	-0.01
76) Chrysene-d12	14.092	240	197614	20.000	ng	-0.01
86) Perylene-d12	15.604	264	181324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	524794	95.386	ng	0.00
7) Phenol-d6	6.540	99	695591	97.436	ng	-0.01
23) Nitrobenzene-d5	7.475	82	494186	67.718	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	165201	89.750	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	816019	75.500	ng	0.00
79) Terphenyl-d14	13.033	244	655028	60.611	ng	-0.01

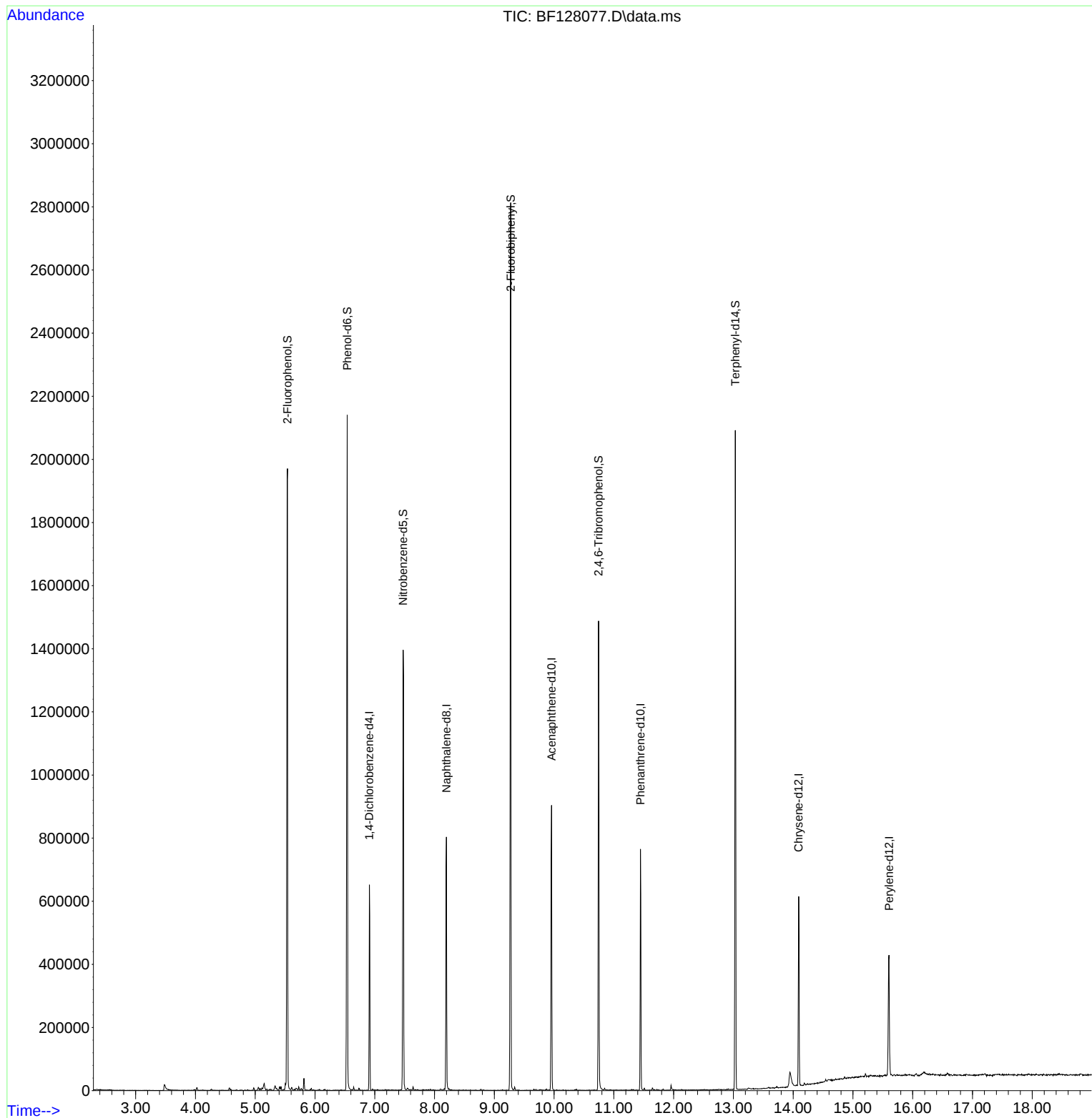
Target Compounds	Qvalue

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

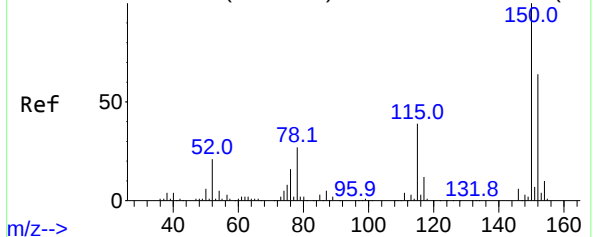
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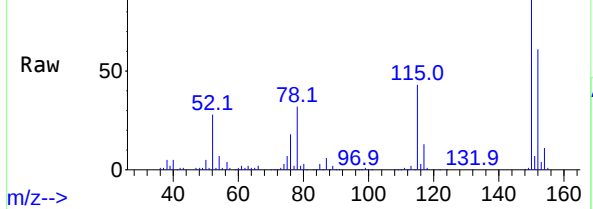


Abundance Scan 792 (6.945 min): BF127861.D\data.ms (-78



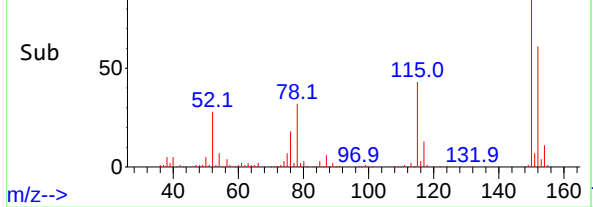
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Abundance Scan 786 (6.910 min): BF128077.D\data.ms



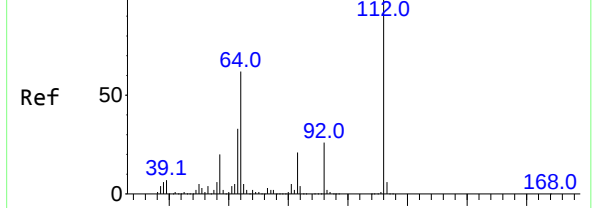
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Abundance Scan 786 (6.910 min): BF128077.D\data.ms (-77



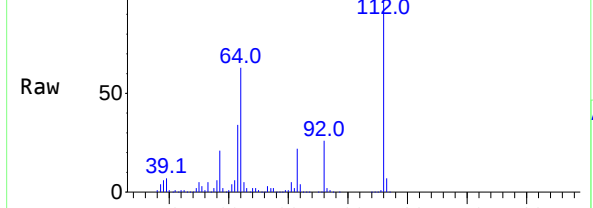
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Abundance Scan 557 (5.563 min): BF127861.D\data.ms (-55



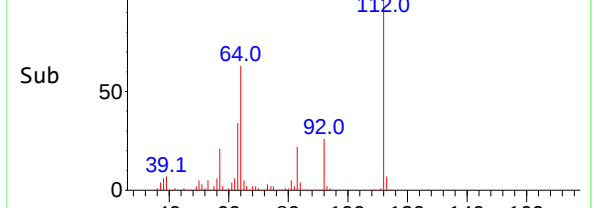
m/z-->

Abundance Scan 553 (5.540 min): BF128077.D\data.ms



m/z-->

Abundance Scan 553 (5.540 min): BF128077.D\data.ms (-50



m/z-->

#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.910 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF128077.D

Acq: 04 May 2022 17:51

Instrument :

BNA_F

ClientSampleId :

SB-9,12

Tgt Ion:152 Resp: 87632

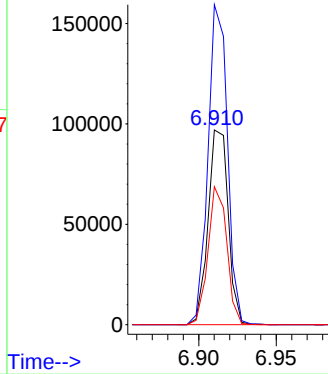
Ion Ratio Lower Upper

152 100

150 164.3 125.3 187.9

115 70.8 48.8 73.2

Abundance



Time-->

#5

2-Fluorophenol

Concen: 95.386 ng

RT: 5.540 min Scan# 553

Delta R.T. -0.000 min

Lab File: BF128077.D

Acq: 04 May 2022 17:51

Tgt Ion:112 Resp: 524794

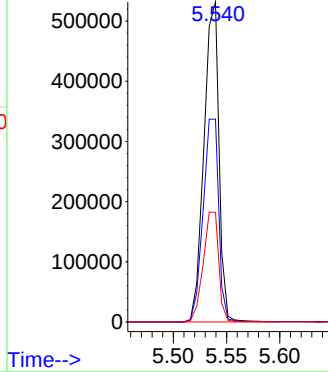
Ion Ratio Lower Upper

112 100

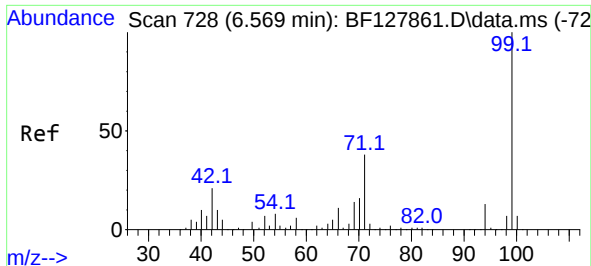
64 63.4 49.5 74.3

63 34.3 26.3 39.5

Abundance



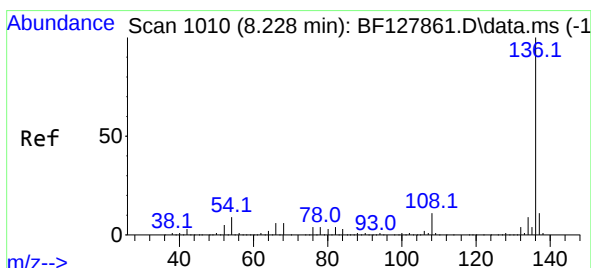
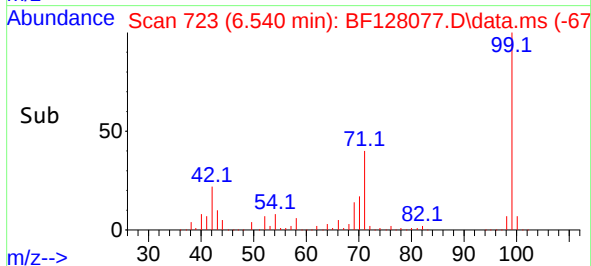
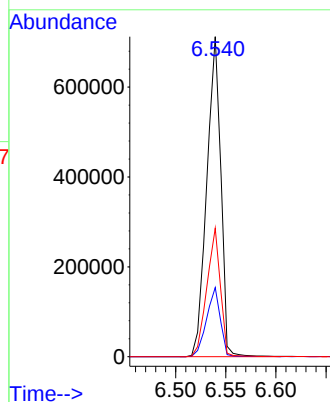
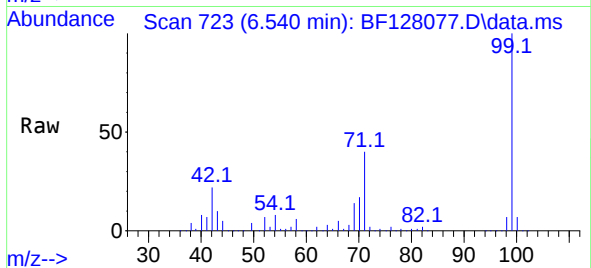
Time-->



#7
Phenol-d6
Concen: 97.436 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128077.D
Acq: 04 May 2022 17:51

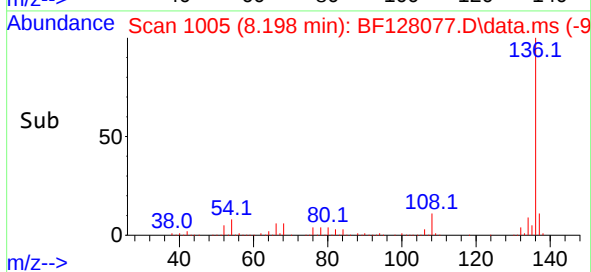
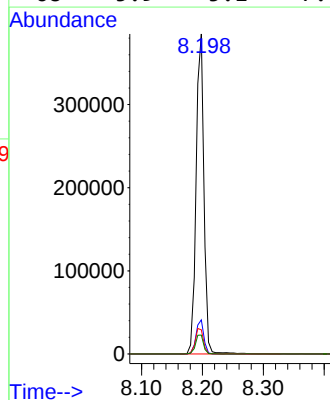
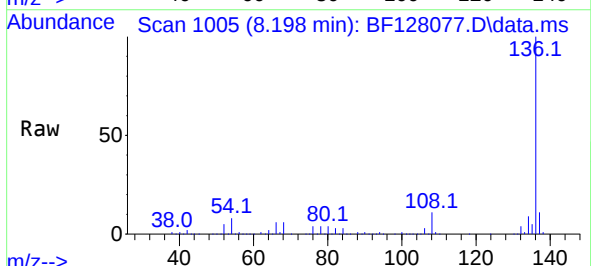
Instrument :
BNA_F
ClientSampleId :
SB-9,12

Tgt Ion: 99 Resp: 695591
Ion Ratio Lower Upper
99 100
42 21.6 16.6 24.8
71 40.2 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128077.D
Acq: 04 May 2022 17:51

Tgt Ion: 136 Resp: 343170
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.6 6.8 10.2
68 5.9 5.1 7.7





#23

Nitrobenzene-d5

Concen: 67.718 ng

RT: 7.475 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128077.D

Acq: 04 May 2022 17:51

Instrument :

BNA_F

ClientSampleId :

SB-9,12

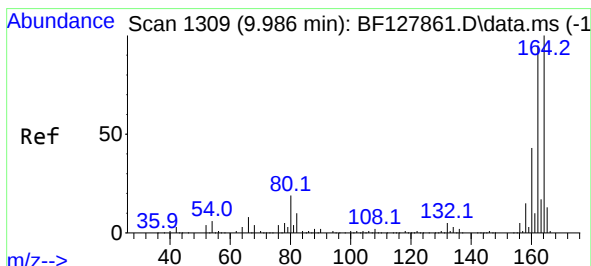
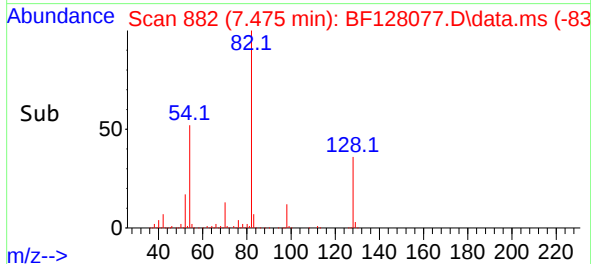
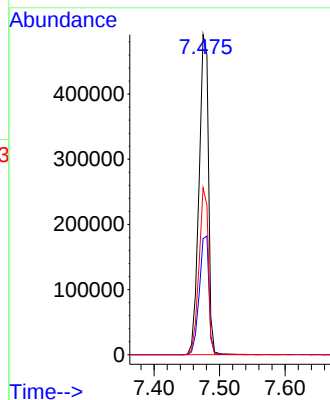
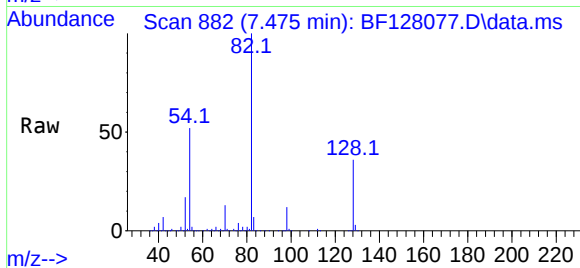
Tgt Ion: 82 Resp: 494186

Ion Ratio Lower Upper

82 100

128 36.3 30.0 45.0

54 52.1 41.3 61.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF128077.D

Acq: 04 May 2022 17:51

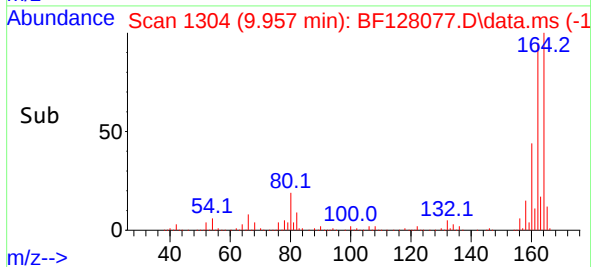
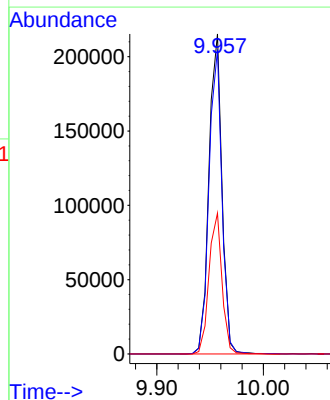
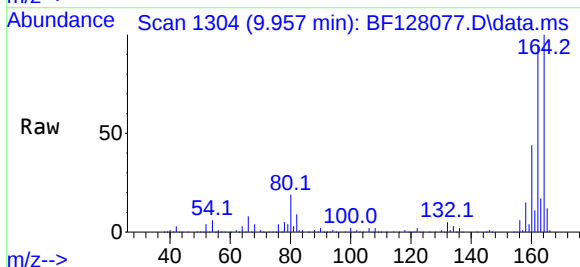
Tgt Ion: 164 Resp: 182848

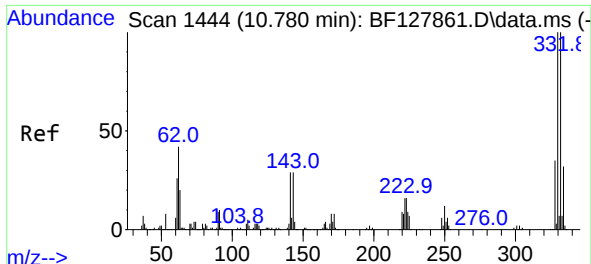
Ion Ratio Lower Upper

164 100

162 95.1 76.0 114.0

160 44.0 34.8 52.2

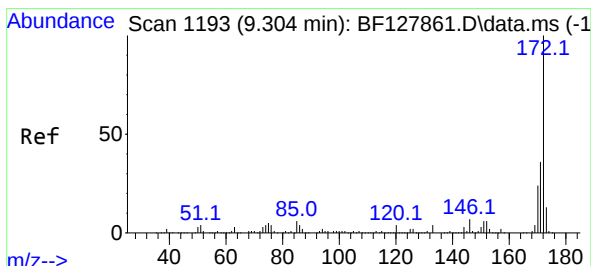
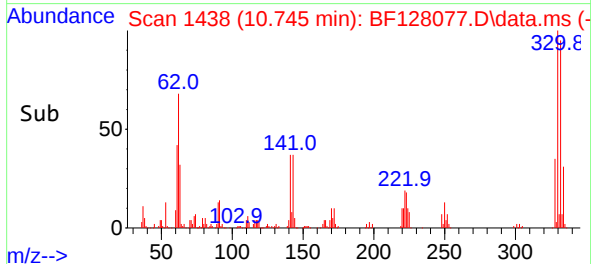
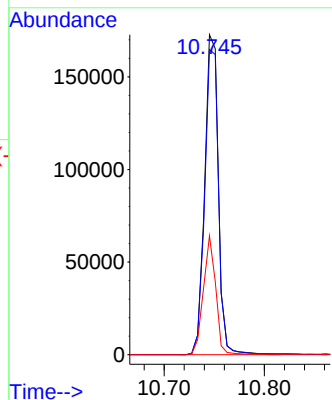
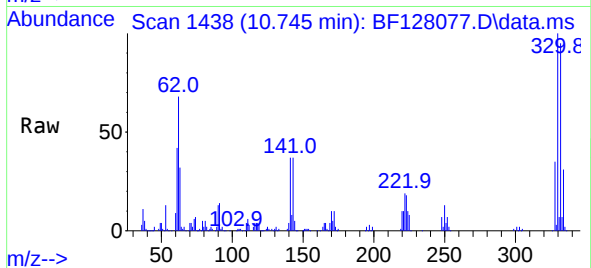




#42
2,4,6-Tribromophenol
Concen: 89.750 ng
RT: 10.745 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF128077.D
Acq: 04 May 2022 17:51

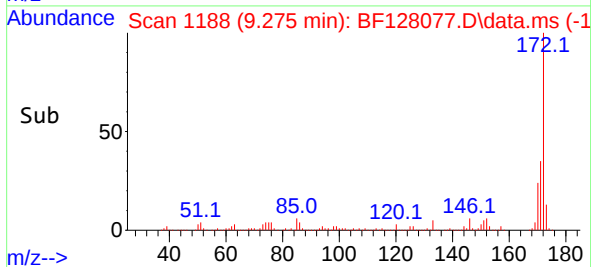
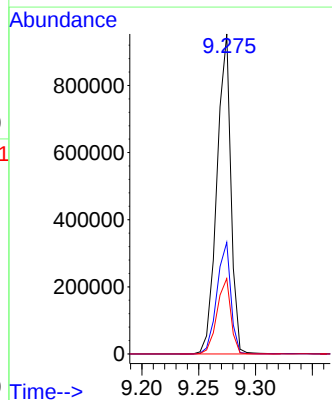
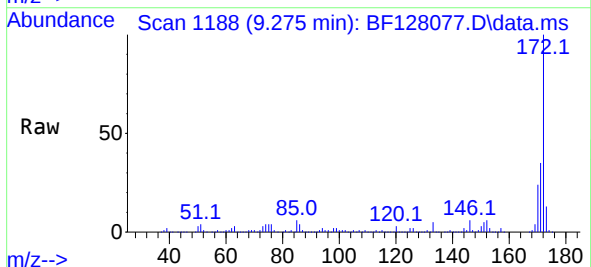
Instrument :
BNA_F
ClientSampleId :
SB-9,12

Tgt Ion:330 Resp: 165201
Ion Ratio Lower Upper
330 100
332 96.6 79.0 118.4
141 33.5 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 75.500 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF128077.D
Acq: 04 May 2022 17:51

Tgt Ion:172 Resp: 816019
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.6 19.1 28.7

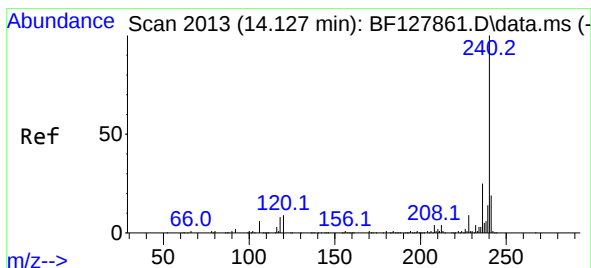
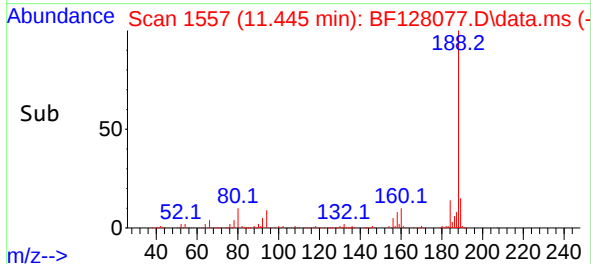
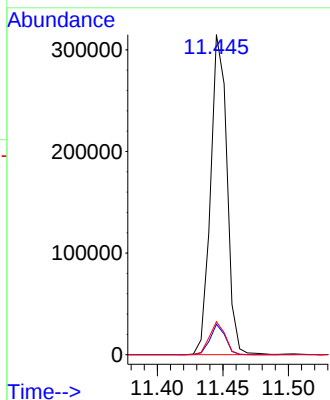
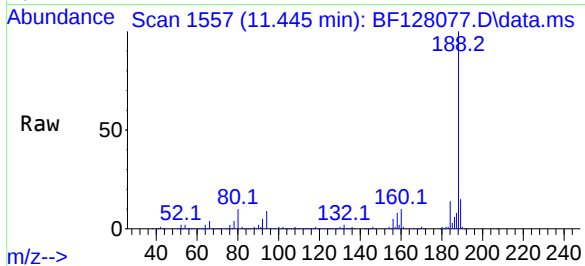




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128077.D
Acq: 04 May 2022 17:51

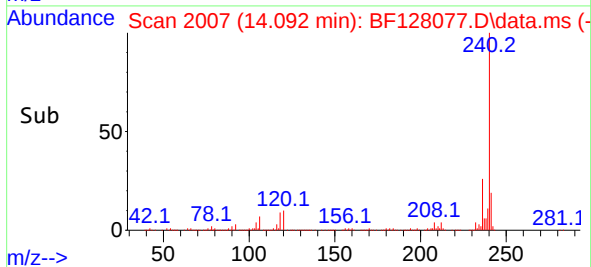
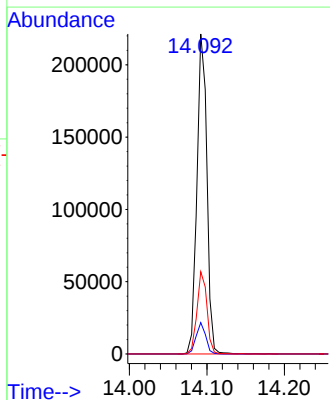
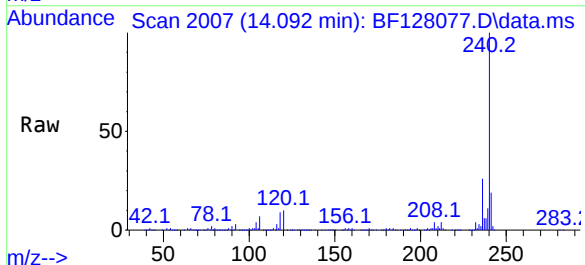
Instrument :
BNA_F
ClientSampleId :
SB-9,12

Tgt Ion:188 Resp: 273968
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 10.3 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF128077.D
Acq: 04 May 2022 17:51

Tgt Ion:240 Resp: 197614
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.6
236 25.7 20.3 30.5



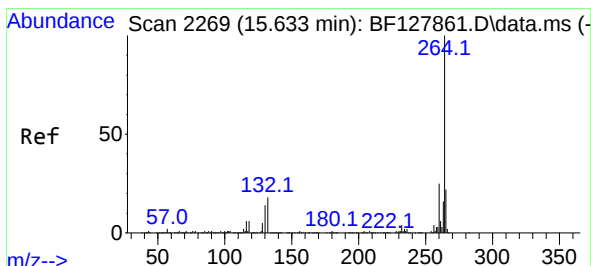
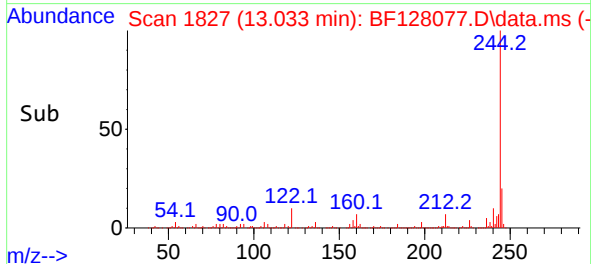
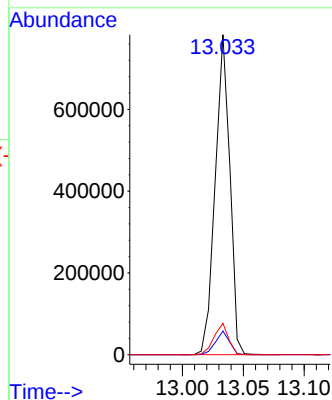
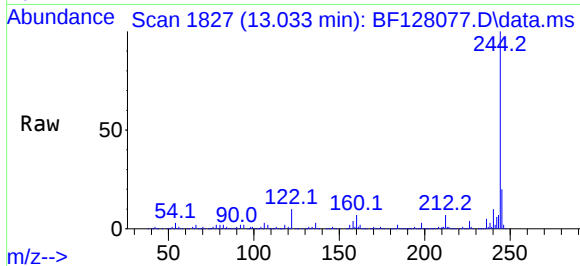


#79
 Terphenyl-d14
 Concen: 60.611 ng
 RT: 13.033 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128077.D
 Acq: 04 May 2022 17:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-9,12

Tgt Ion:244 Resp: 655028

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.4
122	9.8	8.6	12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF128077.D
 Acq: 04 May 2022 17:51

Tgt Ion:264 Resp: 181324

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.1	30.1
265	20.7	17.5	26.3

