

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138777.D
 Acq On : 03 Aug 2024 18:50
 Operator : RC/JU
 Sample : P3448-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LINNETT-CONC

Quant Time: Aug 05 00:53:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	40592	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	160557	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	87328	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	138756	20.000	ng	0.00
76) Chrysene-d12	14.004	240	75241	20.000	ng	0.00
86) Perylene-d12	15.468	264	92728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	178383	67.836	ng	0.00
7) Phenol-d6	6.487	99	281981	79.870	ng	0.00
23) Nitrobenzene-d5	7.410	82	205119	62.461	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	41410	57.889	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	385338	66.298	ng	0.00
79) Terphenyl-d14	12.945	244	304881	67.842	ng	0.00

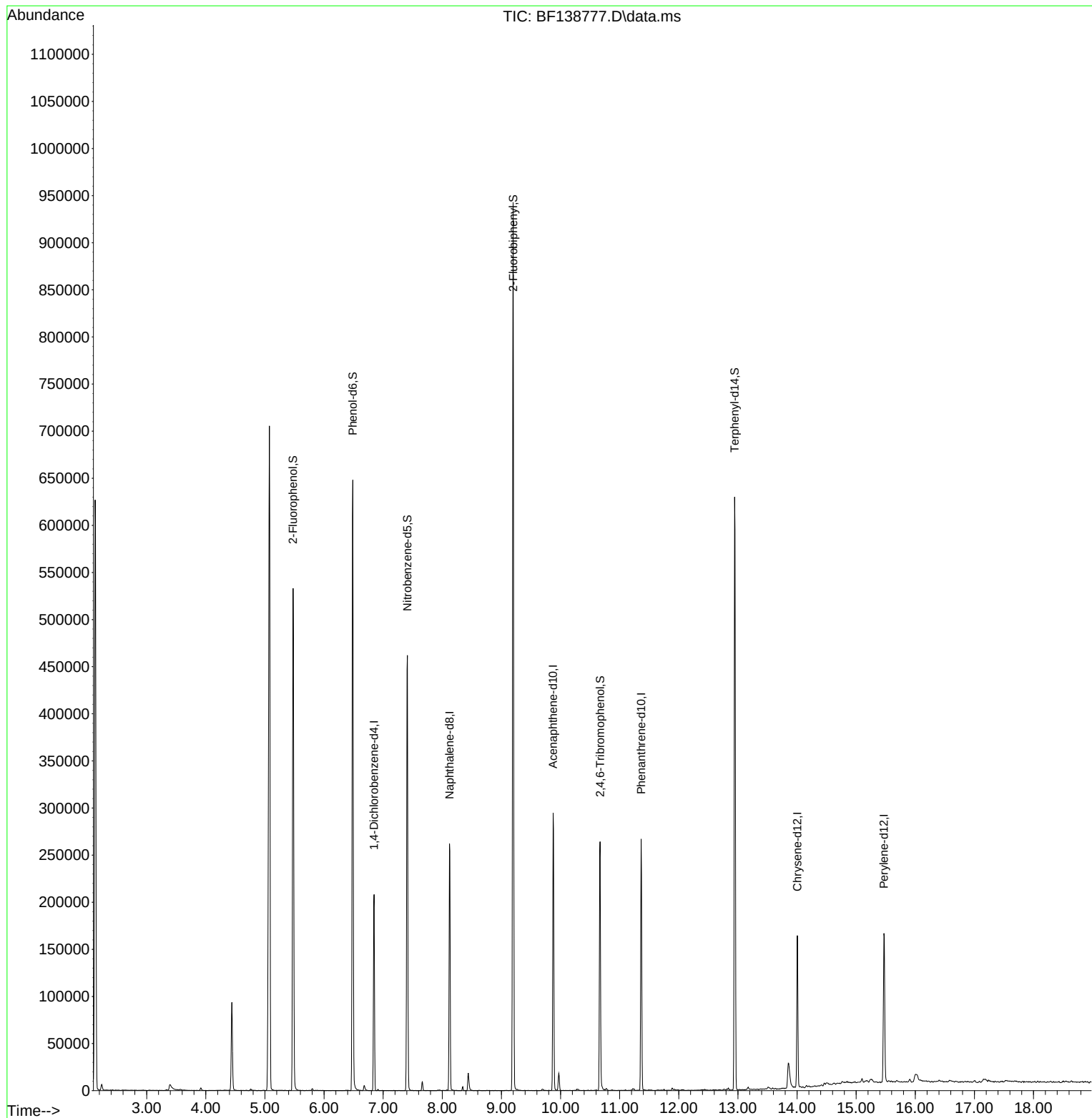
Target Compounds	Qvalue

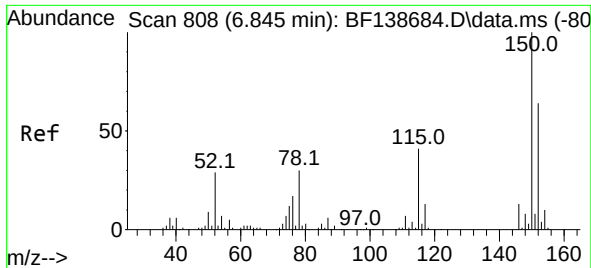
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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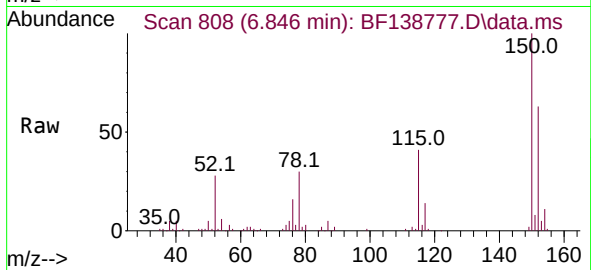
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



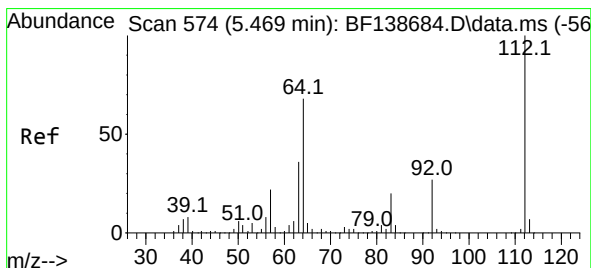
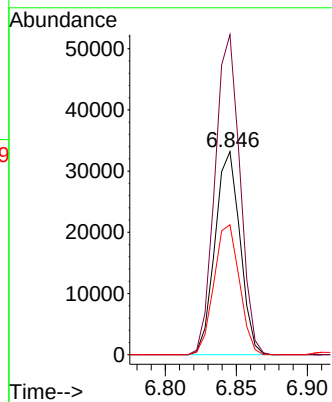
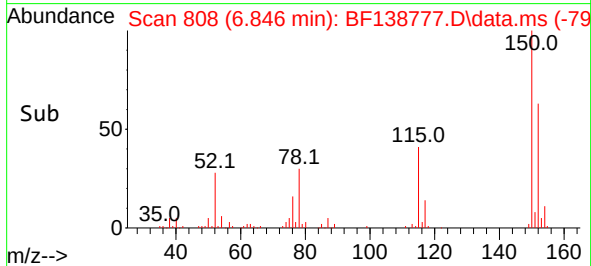


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF138777.D
Acq: 03 Aug 2024 18:50

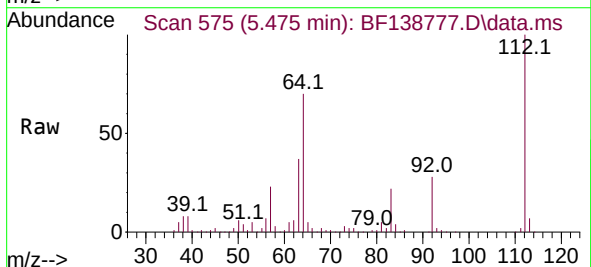
Instrument :
BNA_F
ClientSampleId :
LINNETT-CONC



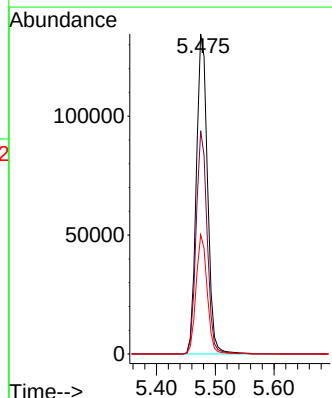
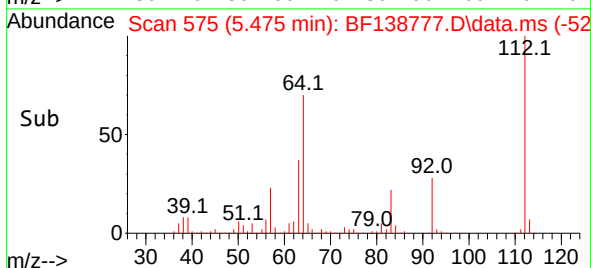
Tgt Ion:152 Resp: 40592
Ion Ratio Lower Upper
152 100
150 157.6 126.0 189.0
115 64.0 51.7 77.5

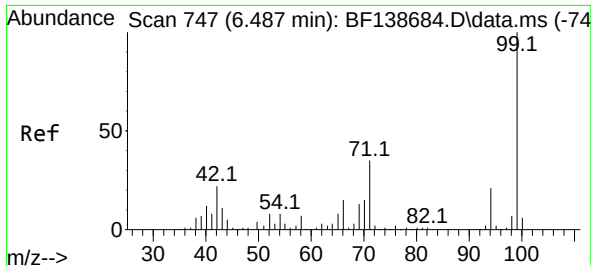


#5
2-Fluorophenol
Concen: 67.836 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138777.D
Acq: 03 Aug 2024 18:50



Tgt Ion:112 Resp: 178383
Ion Ratio Lower Upper
112 100
64 69.7 54.2 81.4
63 37.2 28.7 43.1

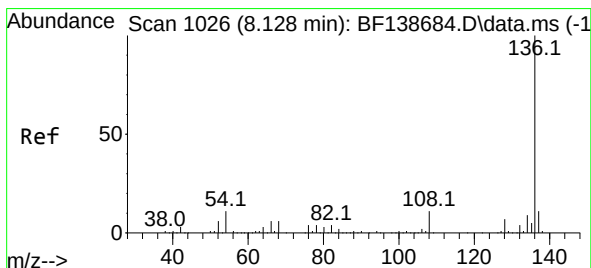
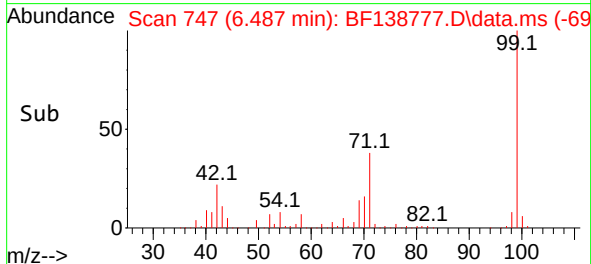
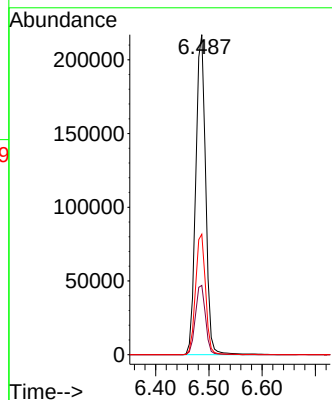
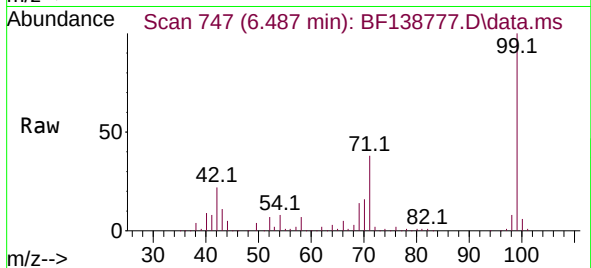




#7
Phenol-d6
Concen: 79.870 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138777.D
Acq: 03 Aug 2024 18:50

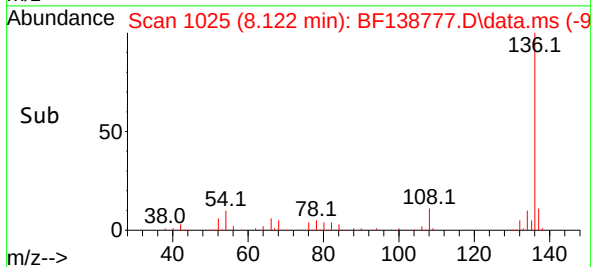
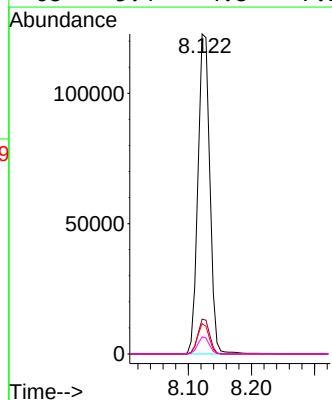
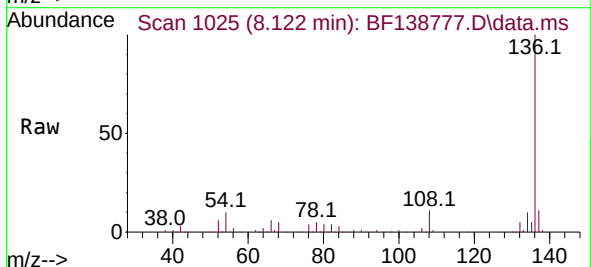
Instrument :
BNA_F
ClientSampleId :
LINNETT-CONC

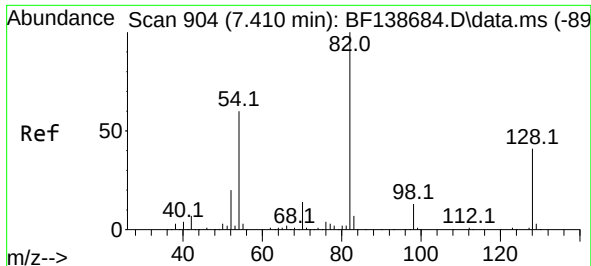
Tgt Ion: 99 Resp: 281981
Ion Ratio Lower Upper
99 100
42 21.7 17.4 26.0
71 37.7 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138777.D
Acq: 03 Aug 2024 18:50

Tgt Ion: 136 Resp: 160557
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.5 8.6 12.8
68 5.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 62.461 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138777.D

Acq: 03 Aug 2024 18:50

Instrument :

BNA_F

ClientSampleId :

LINNETT-CONC

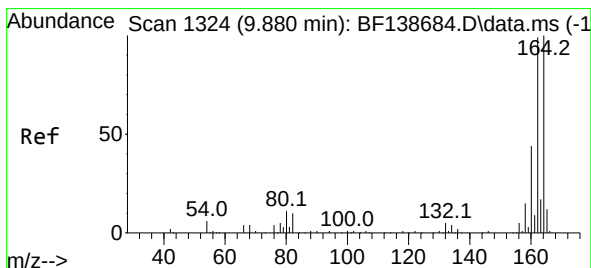
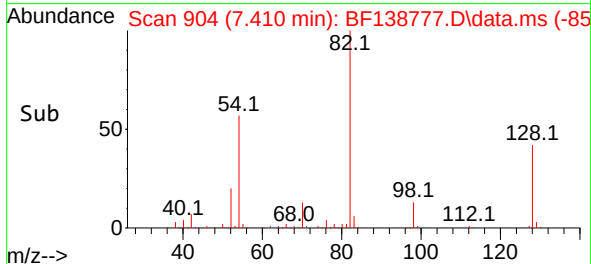
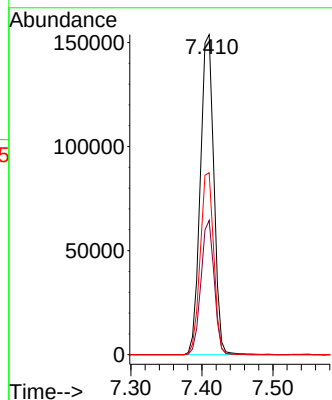
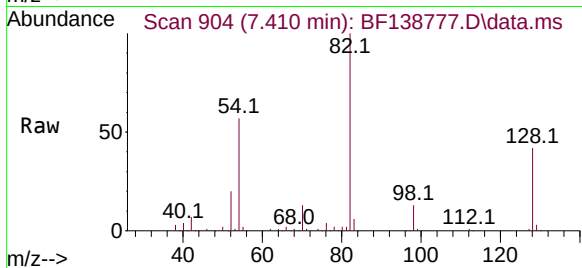
Tgt Ion: 82 Resp: 205119

Ion Ratio Lower Upper

82 100

128 41.9 32.8 49.2

54 56.9 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.005 min

Lab File: BF138777.D

Acq: 03 Aug 2024 18:50

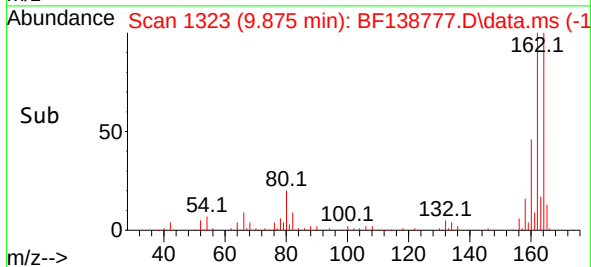
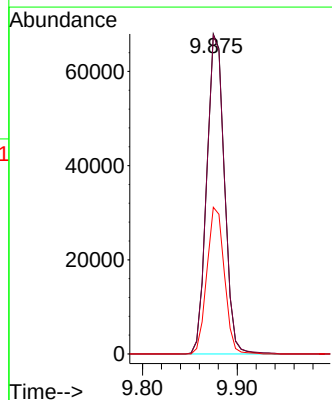
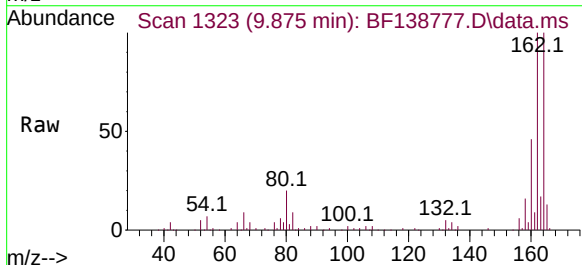
Tgt Ion:164 Resp: 87328

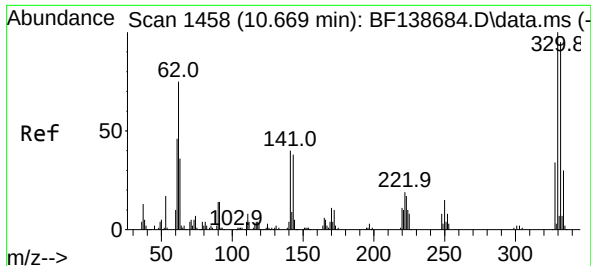
Ion Ratio Lower Upper

164 100

162 99.7 79.4 119.0

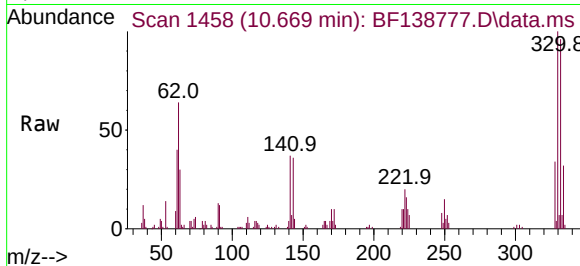
160 45.9 35.1 52.7



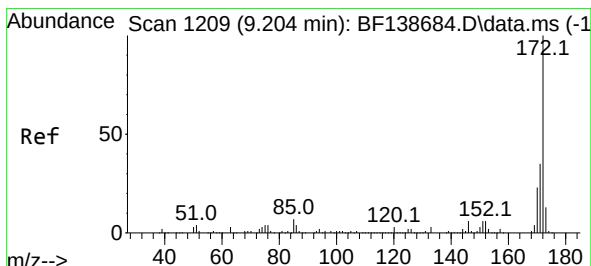
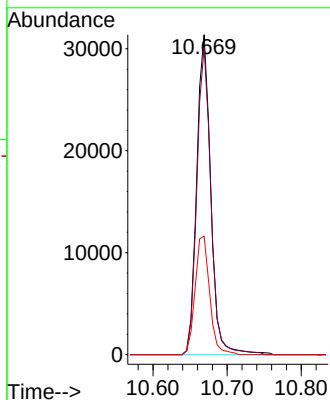
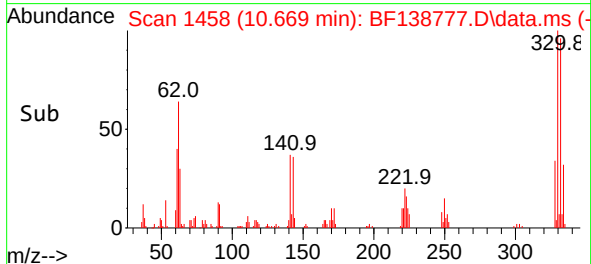


#42
2,4,6-Tribromophenol
Concen: 57.889 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138777.D
Acq: 03 Aug 2024 18:50

Instrument :
BNA_F
ClientSampleId :
LINNETT-CONC

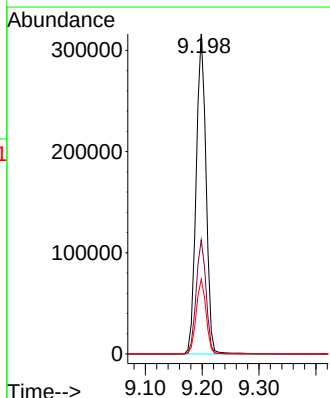
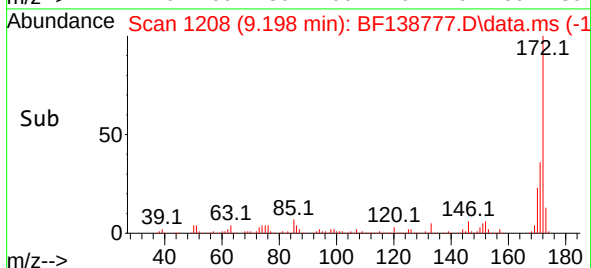
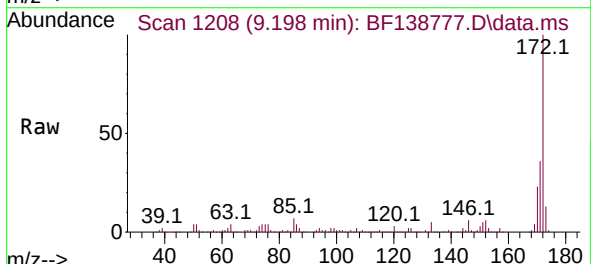


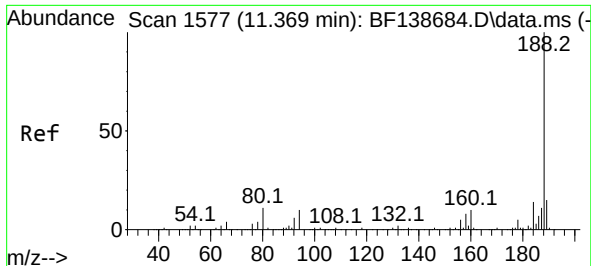
Tgt Ion:330 Resp: 41410
Ion Ratio Lower Upper
330 100
332 95.9 76.4 114.6
141 38.2 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 66.298 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138777.D
Acq: 03 Aug 2024 18:50

Tgt Ion:172 Resp: 385338
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.3 18.8 28.2

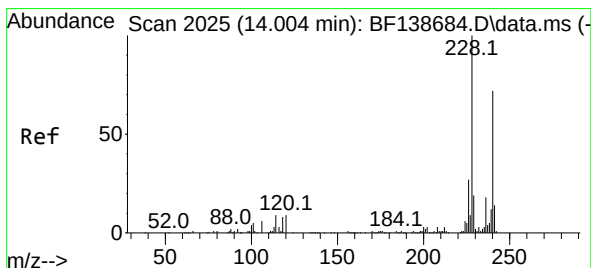
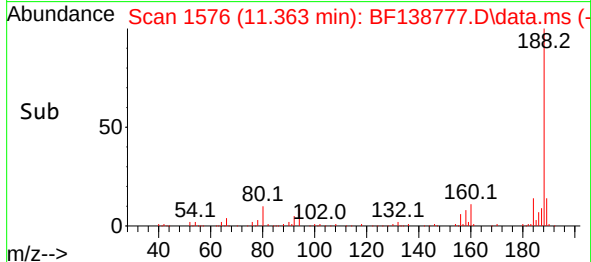
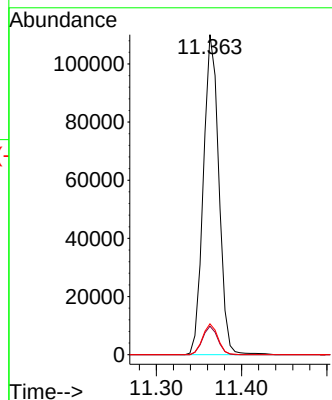
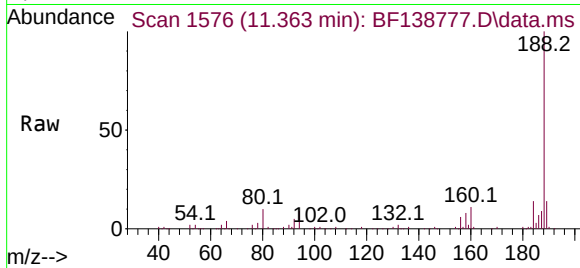




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138777.D
Acq: 03 Aug 2024 18:50

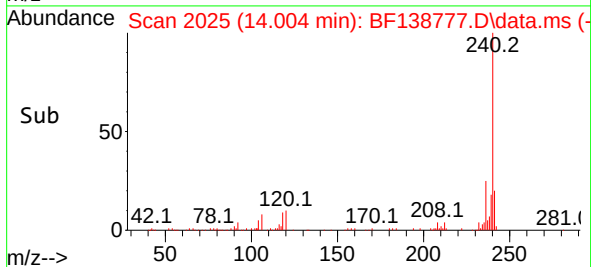
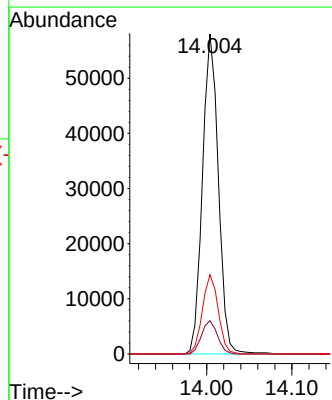
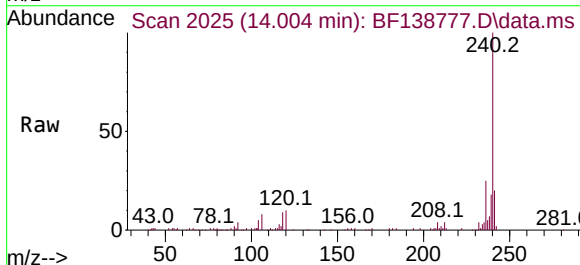
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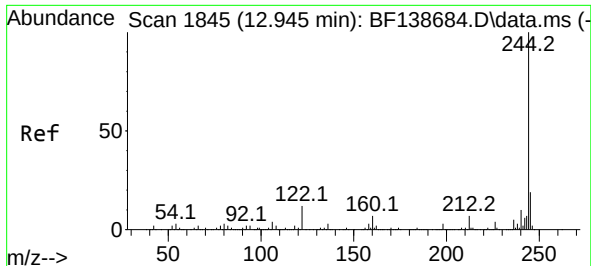
Tgt Ion:188 Resp: 138756
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 9.7 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138777.D
Acq: 03 Aug 2024 18:50

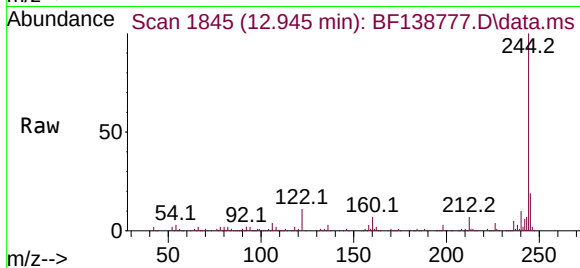
Tgt Ion:240 Resp: 75241
Ion Ratio Lower Upper
240 100
120 10.4 10.2 15.4
236 24.7 19.8 29.8



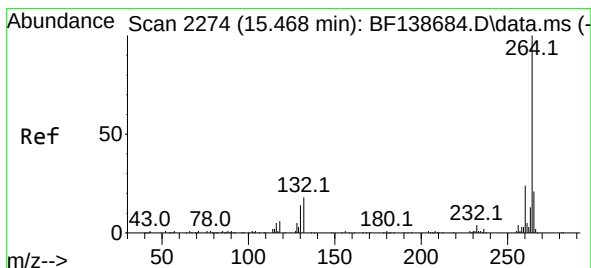
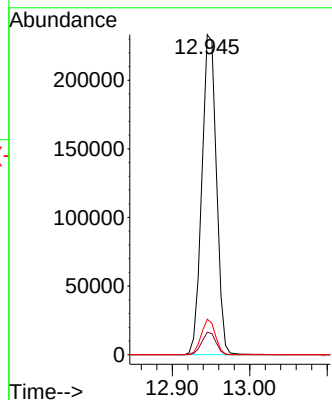
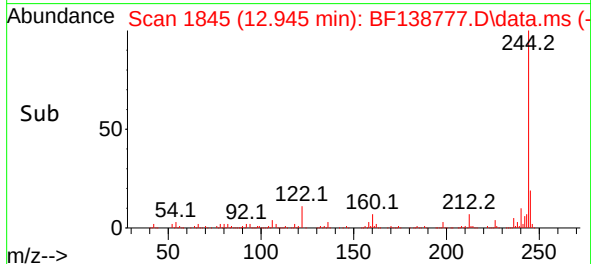


#79
 Terphenyl-d14
 Concen: 67.842 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF138777.D
 Acq: 03 Aug 2024 18:50

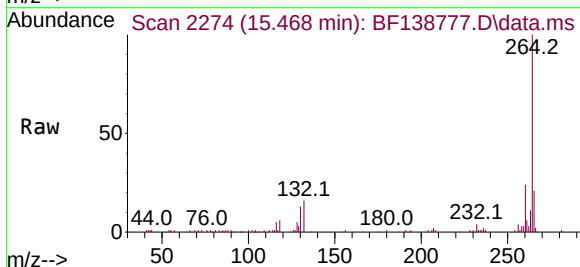
Instrument :
 BNA_F
 ClientSampleId :
 LINNETT-CONC



Tgt Ion:244 Resp: 304881
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.1 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2274
 Delta R.T. 0.000 min
 Lab File: BF138777.D
 Acq: 03 Aug 2024 18:50



Tgt Ion:264 Resp: 92728
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.5 17.0 25.6

