

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142427.D
 Acq On : 16 May 2025 15:16
 Operator : RC/JU
 Sample : Q2034-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L3-WC-1

Quant Time: May 16 15:40:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

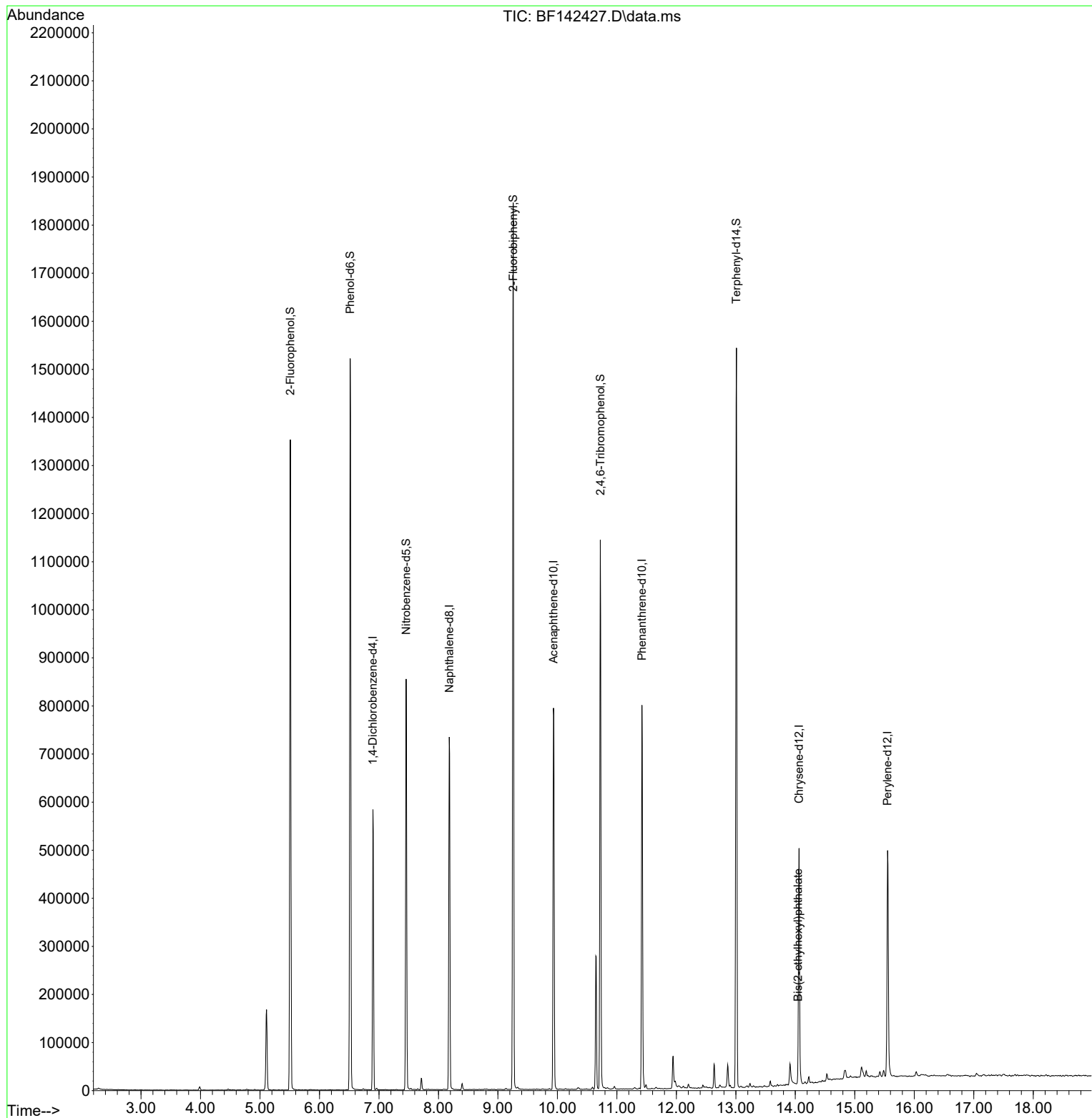
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	127152	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	470965	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	248036	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	419557	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	232582	20.000	ng	0.00
86) Perylene-d12	15.551	264	277082	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	505134	67.817	ng	0.00
7) Phenol-d6	6.516	99	705862	77.050	ng	0.00
23) Nitrobenzene-d5	7.457	82	340562	44.101	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	203771	85.091	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	814922	46.847	ng	0.00
79) Terphenyl-d14	13.010	244	759773	48.350	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.045	149	3268	4.616	ng	Qvalue # 94

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

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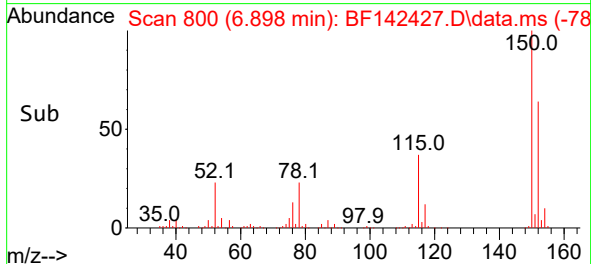
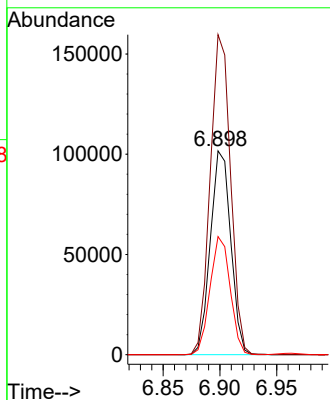
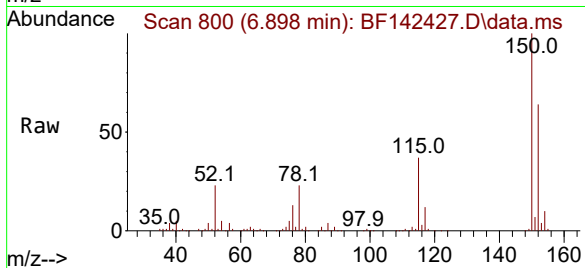




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

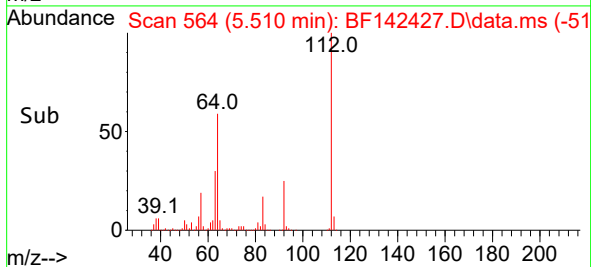
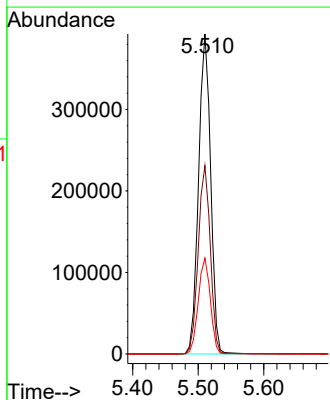
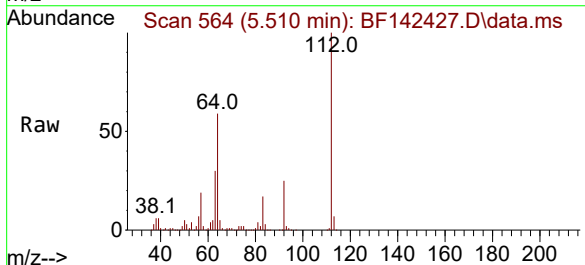
Instrument :
BNA_F
ClientSampleId :
L3-WC-1

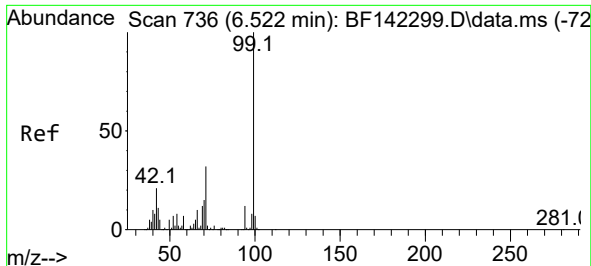
Tgt Ion:152 Resp: 127152
Ion Ratio Lower Upper
152 100
150 157.0 126.6 190.0
115 57.9 47.3 70.9



#5
2-Fluorophenol
Concen: 67.817 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

Tgt Ion:112 Resp: 505134
Ion Ratio Lower Upper
112 100
64 58.9 48.9 73.3
63 30.0 25.6 38.4

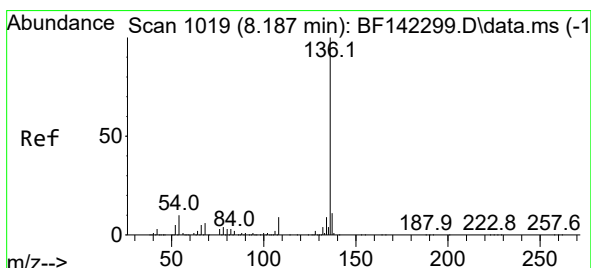
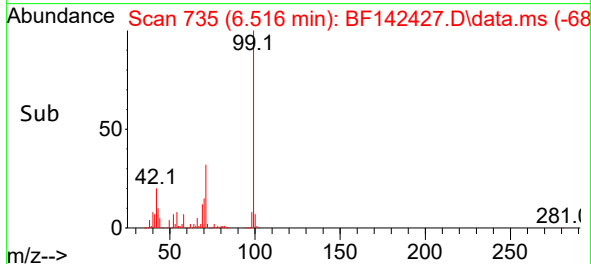
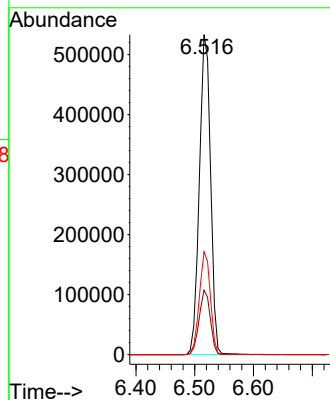
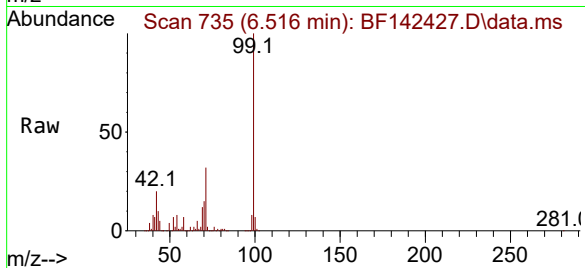




#7
Phenol-d6
Concen: 77.050 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

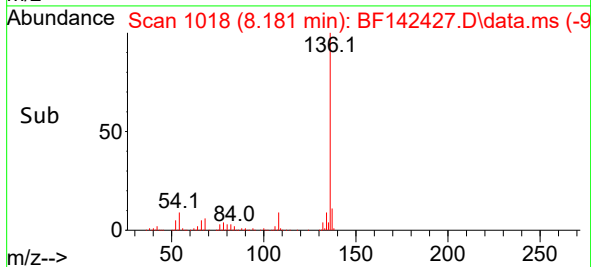
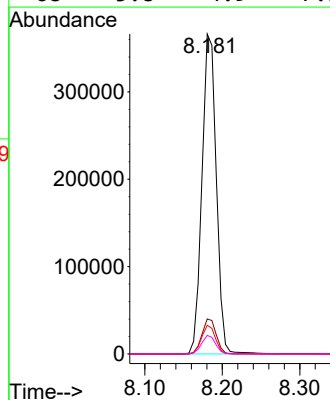
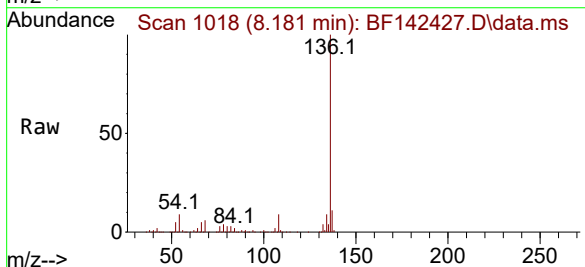
Instrument :
BNA_F
ClientSampleId :
L3-WC-1

Tgt Ion: 99 Resp: 705862
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.4
71 32.2 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

Tgt Ion: 136 Resp: 470965
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.0 7.7 11.5
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 44.101 ng

RT: 7.457 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF142427.D

Acq: 16 May 2025 15:16

Instrument :

BNA_F

ClientSampleId :

L3-WC-1

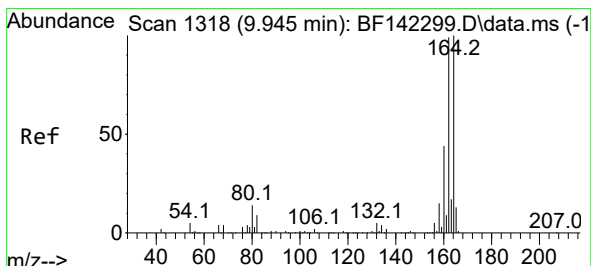
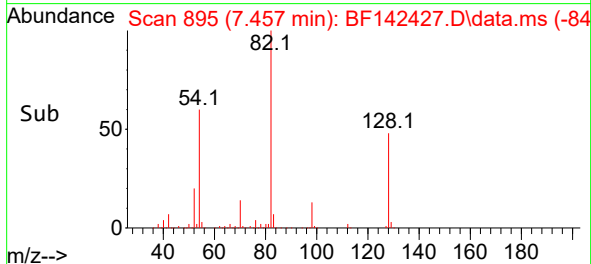
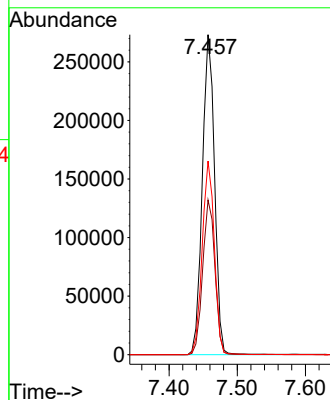
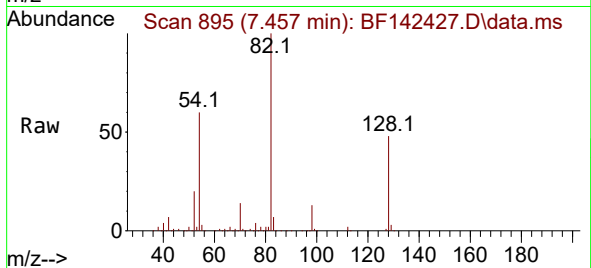
Tgt Ion: 82 Resp: 340562

Ion Ratio Lower Upper

82 100

128 48.3 37.0 55.6

54 60.5 48.6 73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142427.D

Acq: 16 May 2025 15:16

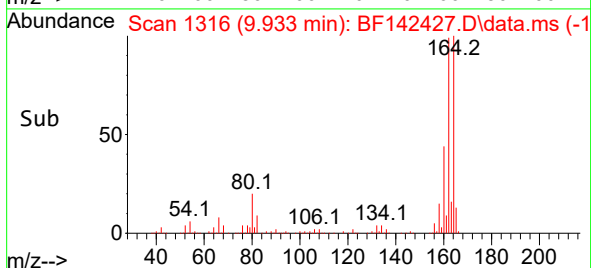
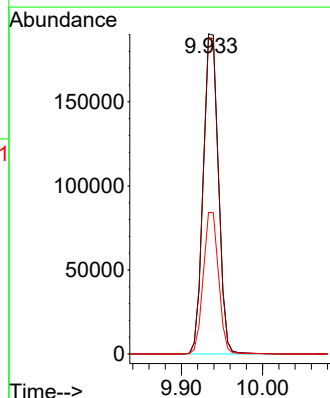
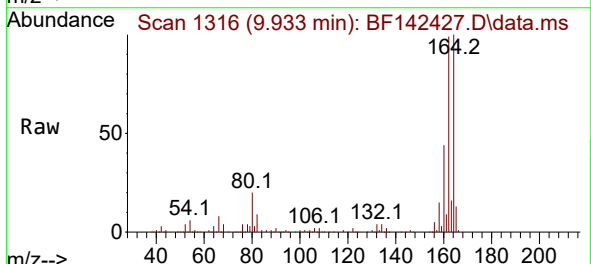
Tgt Ion:164 Resp: 248036

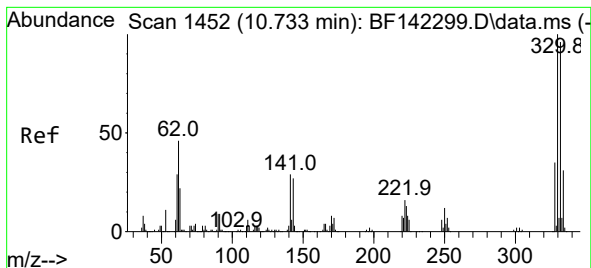
Ion Ratio Lower Upper

164 100

162 98.9 79.2 118.8

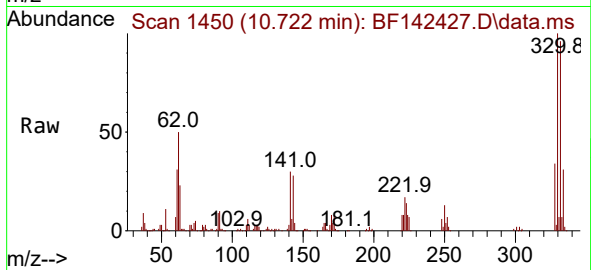
160 44.2 35.3 52.9



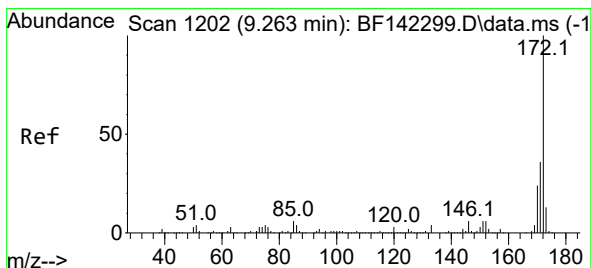
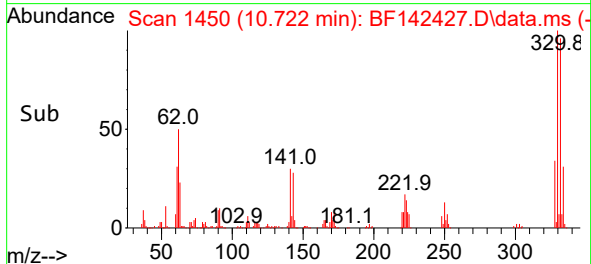
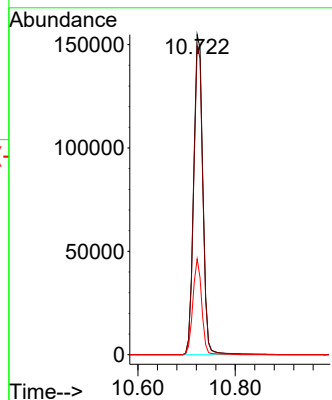


#42
2,4,6-Tribromophenol
Concen: 85.091 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

Instrument :
BNA_F
ClientSampleId :
L3-WC-1

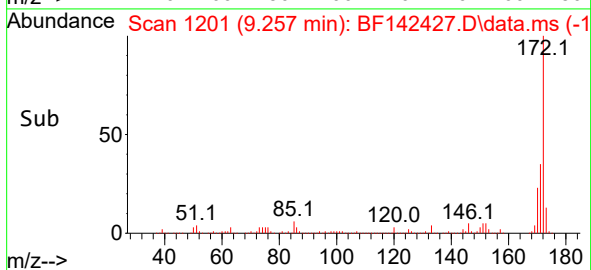
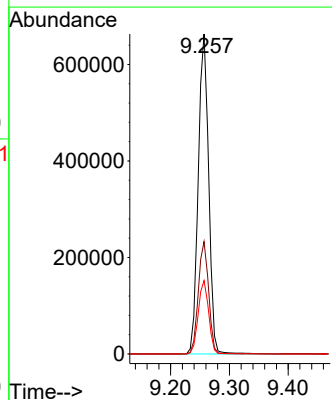
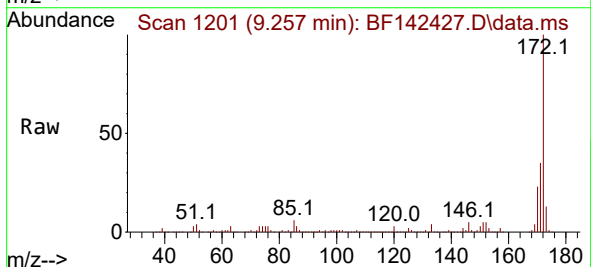


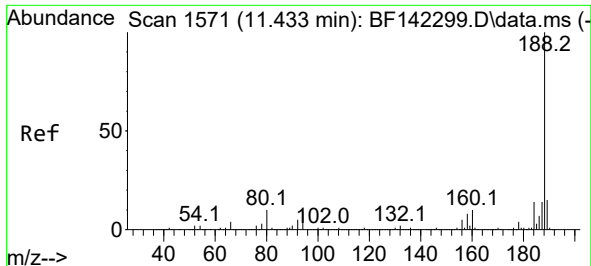
Tgt Ion: 330 Resp: 203771
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 28.8 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 46.847 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

Tgt Ion: 172 Resp: 814922
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.0 19.0 28.4

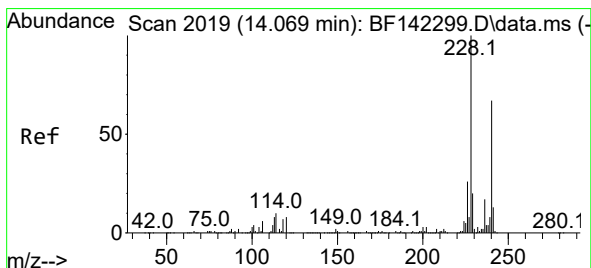
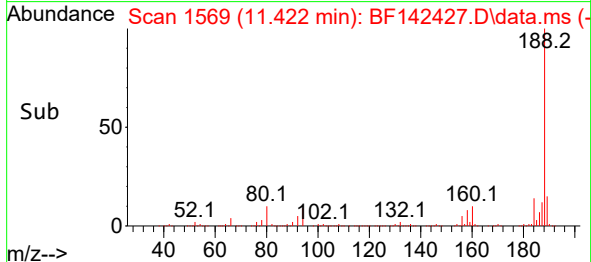
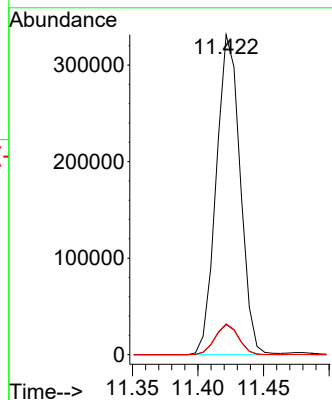
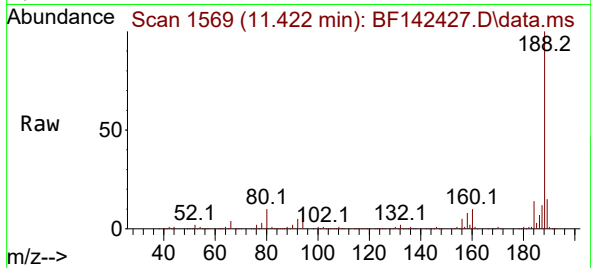




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

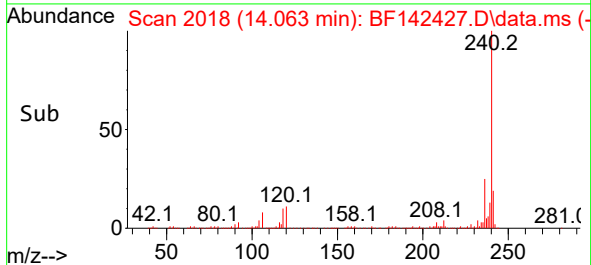
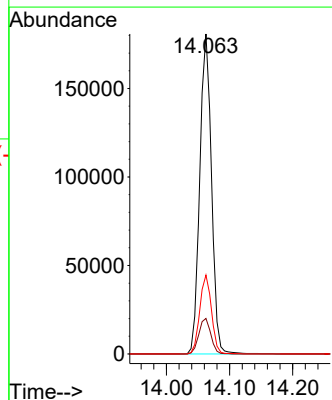
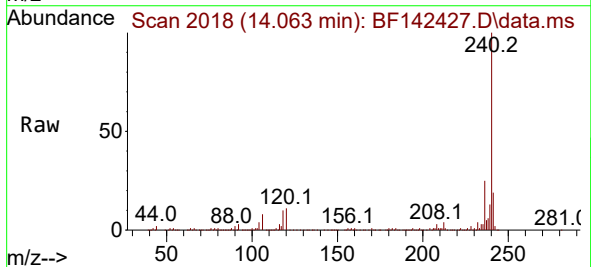
Instrument :
BNA_F
ClientSampleId :
L3-WC-1

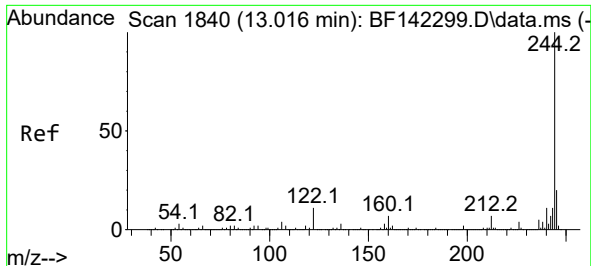
Tgt Ion:188 Resp: 419557
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

Tgt Ion:240 Resp: 232582
Ion Ratio Lower Upper
240 100
120 11.1 9.7 14.5
236 24.7 20.0 30.0

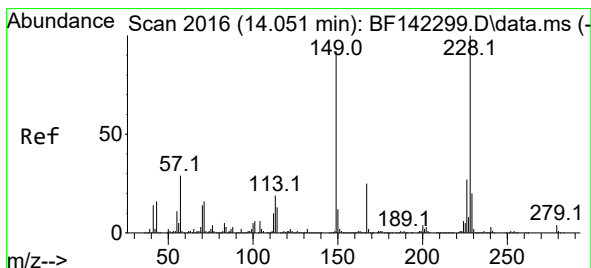
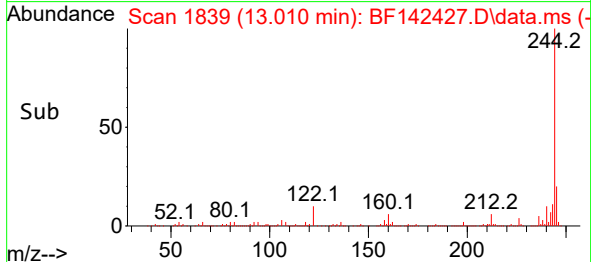
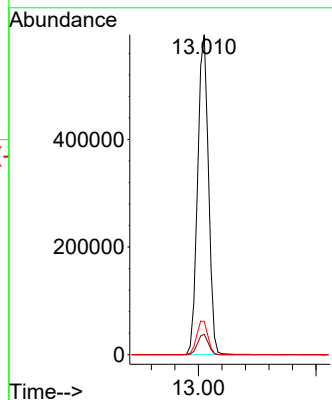
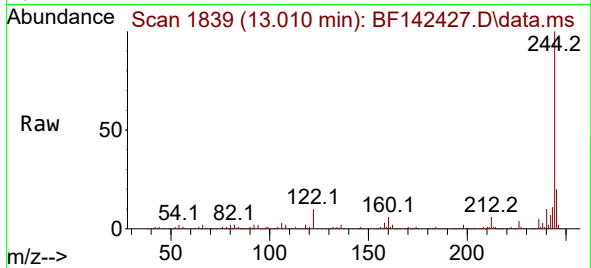




#79
 Terphenyl-d14
 Concen: 48.350 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142427.D
 Acq: 16 May 2025 15:16

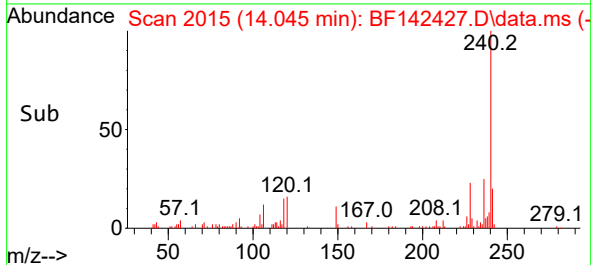
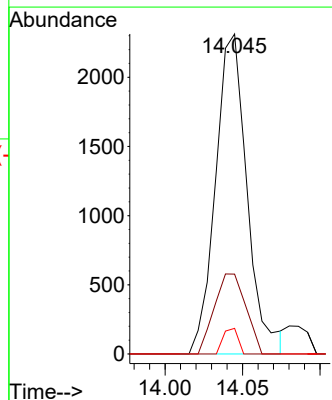
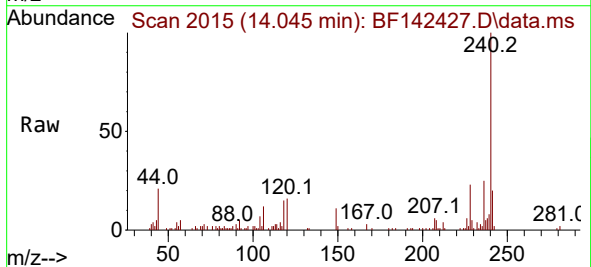
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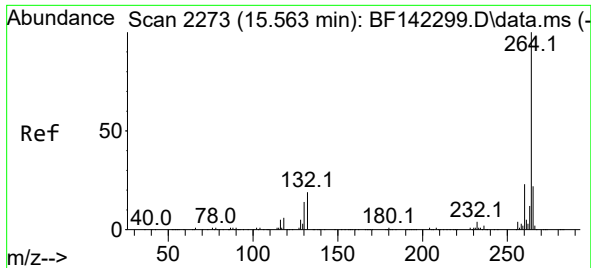
Tgt Ion:244 Resp: 759773
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.2
 122 10.4 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.616 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BF142427.D
 Acq: 16 May 2025 15:16

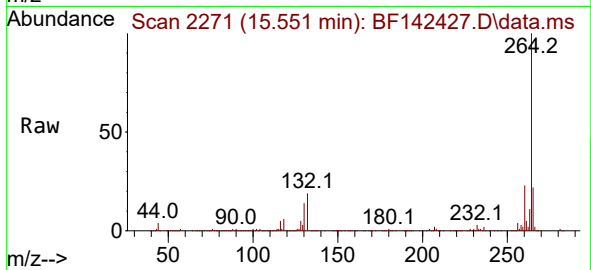
Tgt Ion:149 Resp: 3268
 Ion Ratio Lower Upper
 149 100
 167 24.9 22.0 33.0
 279 8.0 3.0 4.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF142427.D
 Acq: 16 May 2025 15:16

Instrument :
 BNA_F
 ClientSampleId :
 L3-WC-1



Tgt Ion:264 Resp: 277082
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.9 17.5 26.3

