

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142435.D
 Acq On : 16 May 2025 19:11
 Operator : RC/JU
 Sample : Q2034-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L3-WC-4

Quant Time: May 16 22:42:32 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)

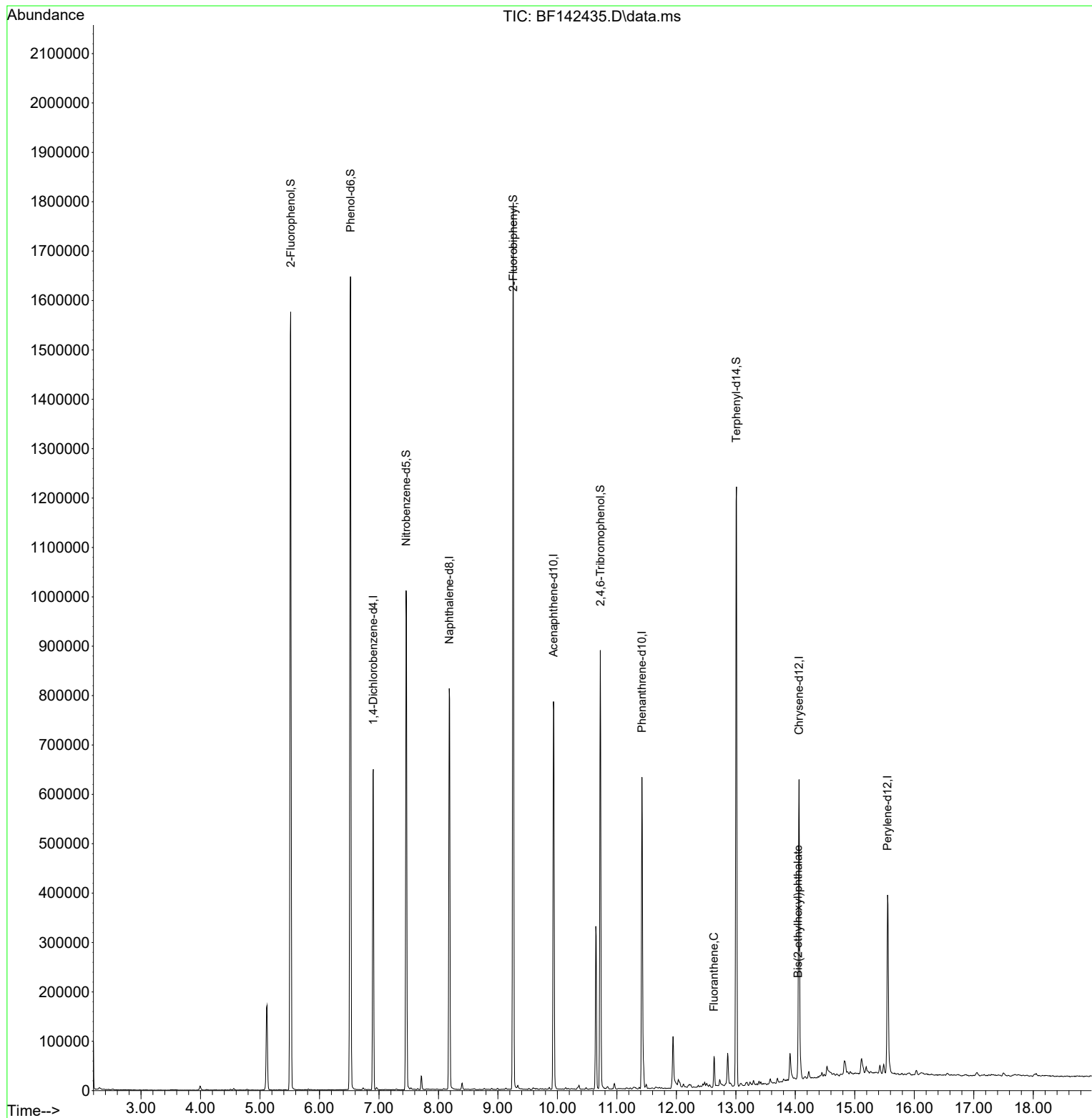
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	144414	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	525042	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	243057	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	325969	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	281532	20.000	ng	0.00
86) Perylene-d12	15.551	264	214276	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	622765	73.615	ng	0.00
7) Phenol-d6	6.522	99	777488	74.724	ng	0.00
23) Nitrobenzene-d5	7.457	82	420736	48.871	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	152300	64.900	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	797343	46.776	ng	0.00
79) Terphenyl-d14	13.010	244	606196	31.870	ng	0.00
Target Compounds						
75) Fluoranthene	12.633	202	36046	2.110	ng	Qvalue 98
84) Bis(2-ethylhexyl)phtha...	14.045	149	5584	4.772	ng	# 99

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

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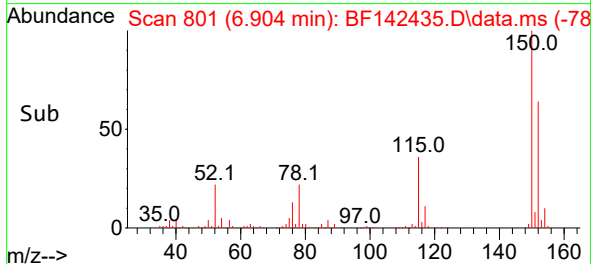
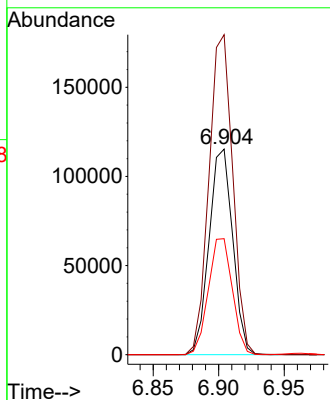
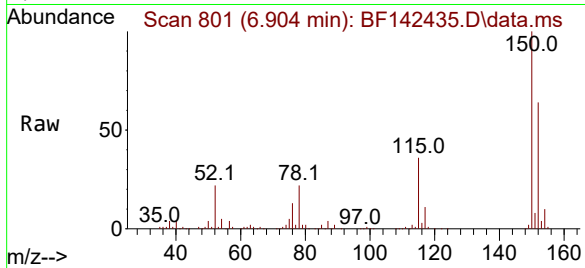




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142435.D
 Acq: 16 May 2025 19:11

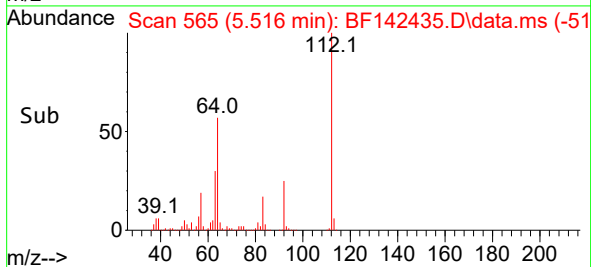
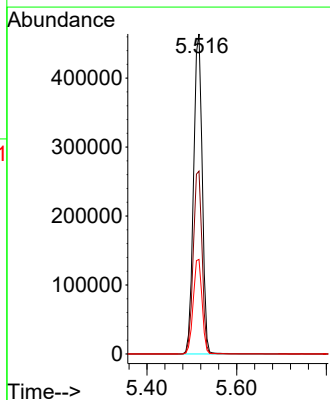
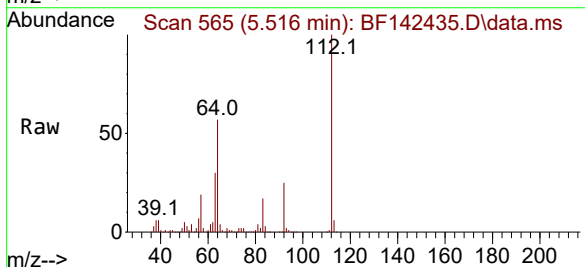
Instrument :
 BNA_F
 ClientSampleId :
 L3-WC-4

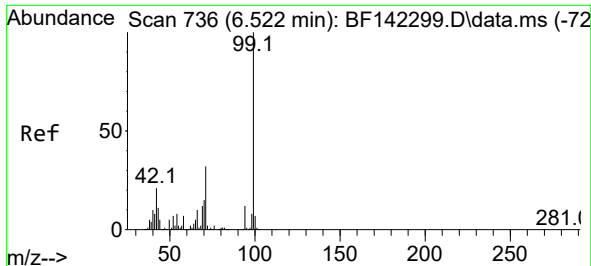
Tgt Ion:152 Resp: 144414
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.6 190.0
 115 56.4 47.3 70.9



#5
 2-Fluorophenol
 Concen: 73.615 ng
 RT: 5.516 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF142435.D
 Acq: 16 May 2025 19:11

Tgt Ion:112 Resp: 622765
 Ion Ratio Lower Upper
 112 100
 64 57.1 48.9 73.3
 63 29.5 25.6 38.4

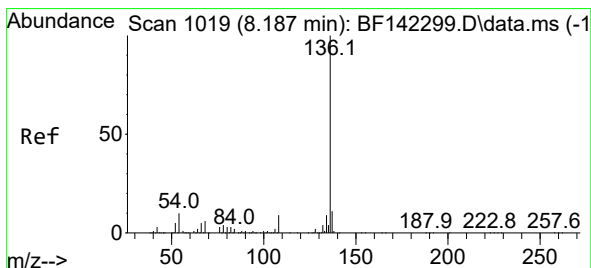
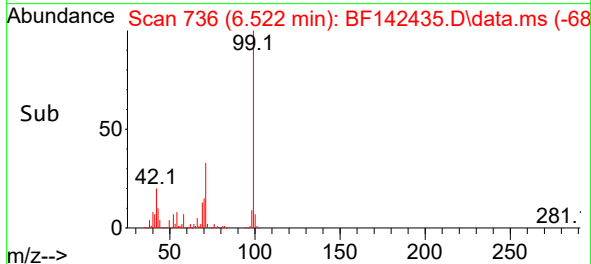
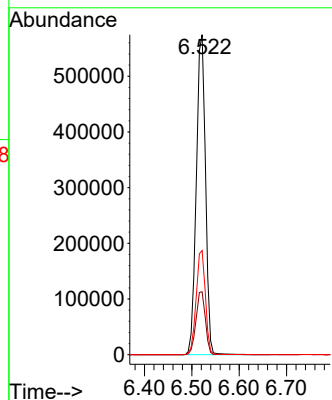
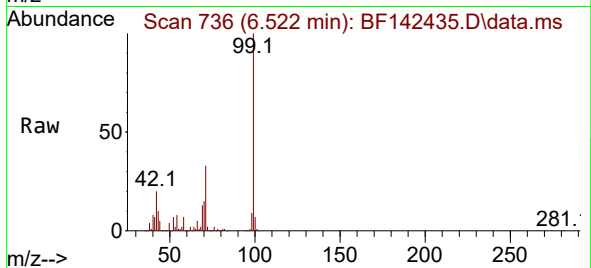




#7
Phenol-d6
Concen: 74.724 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142435.D
Acq: 16 May 2025 19:11

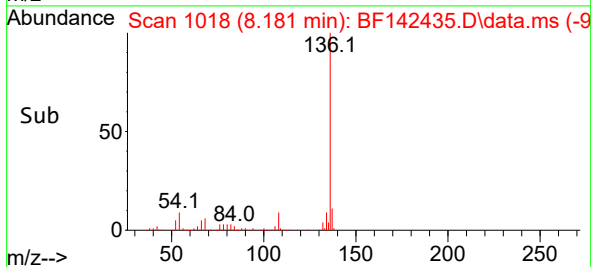
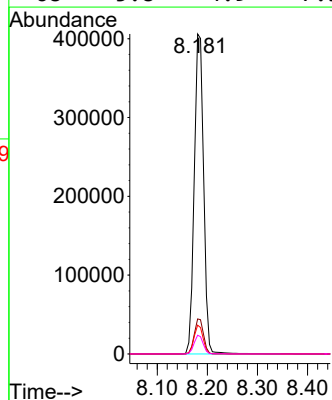
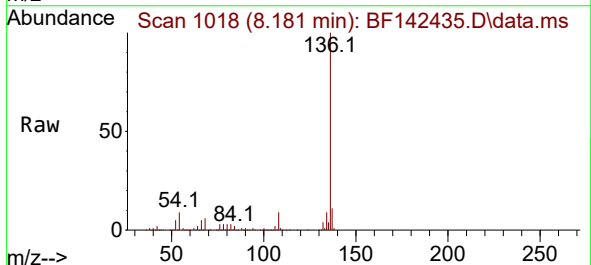
Instrument :
BNA_F
ClientSampleId :
L3-WC-4

Tgt Ion: 99 Resp: 777488
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.4
71 32.6 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: BF142435.D
Acq: 16 May 2025 19:11

Tgt Ion: 136 Resp: 525042
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: 48.871 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142435.D

Acq: 16 May 2025 19:11

Instrument :

BNA_F

ClientSampleId :

L3-WC-4

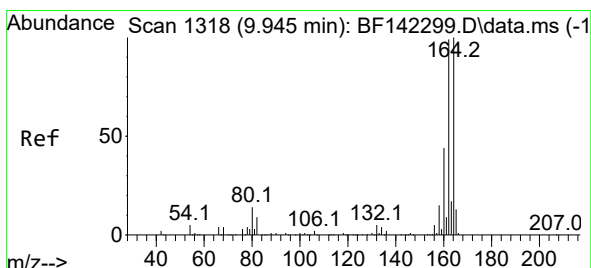
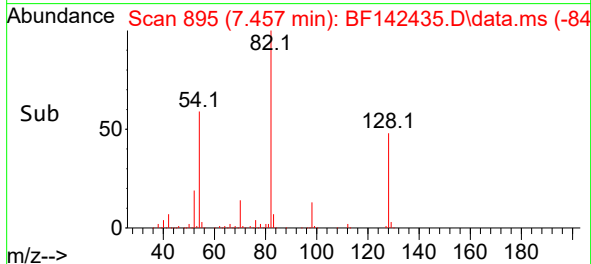
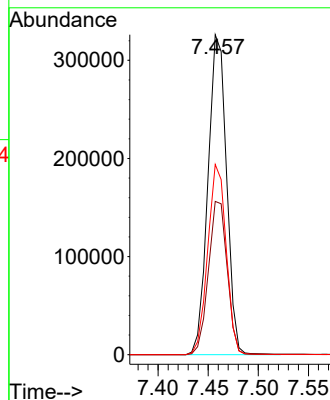
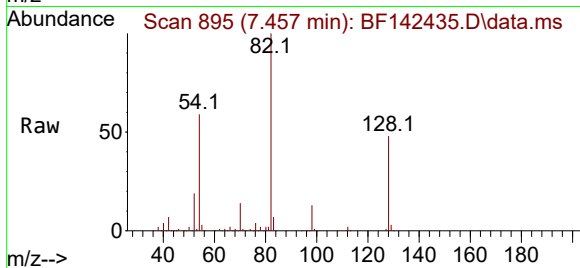
Tgt Ion: 82 Resp: 420736

Ion Ratio Lower Upper

82 100

128 47.9 37.0 55.6

54 59.5 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: BF142435.D

Acq: 16 May 2025 19:11

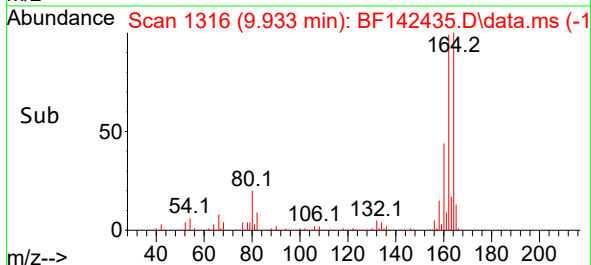
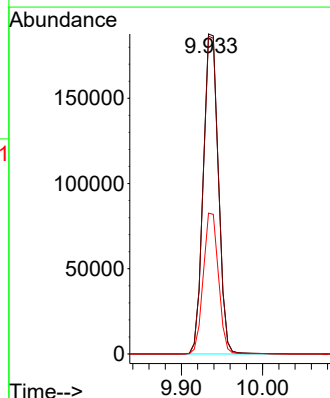
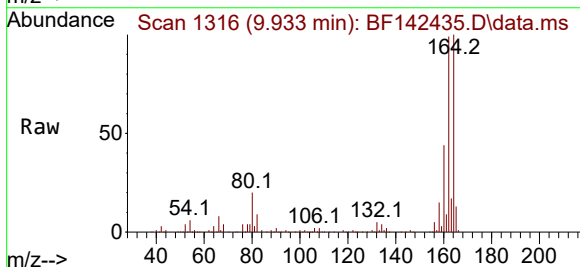
Tgt Ion:164 Resp: 243057

Ion Ratio Lower Upper

164 100

162 99.3 79.2 118.8

160 44.0 35.3 52.9

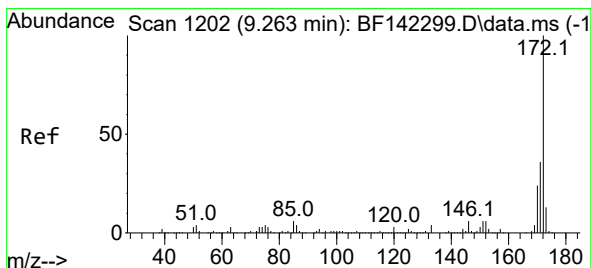
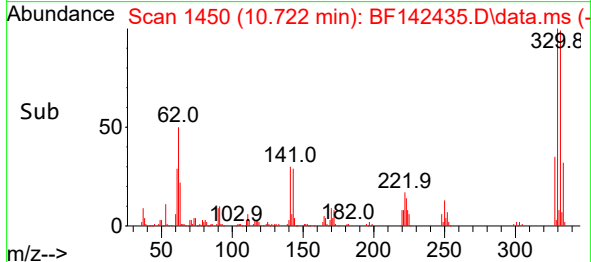
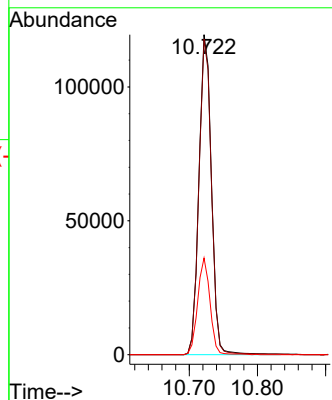
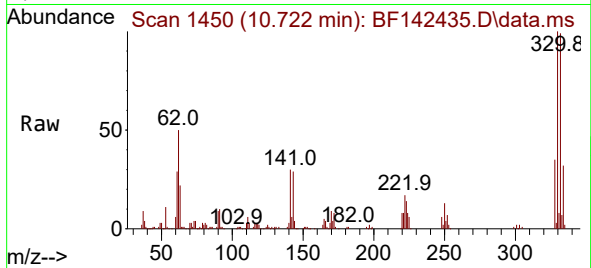




#42
2,4,6-Tribromophenol
Concen: 64.900 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF142435.D
Acq: 16 May 2025 19:11

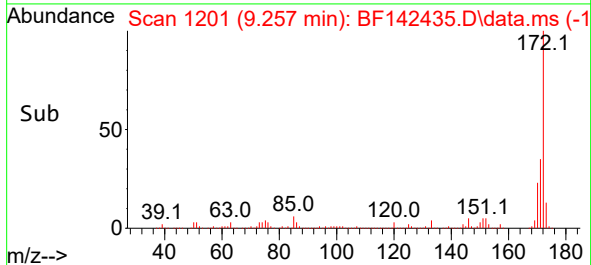
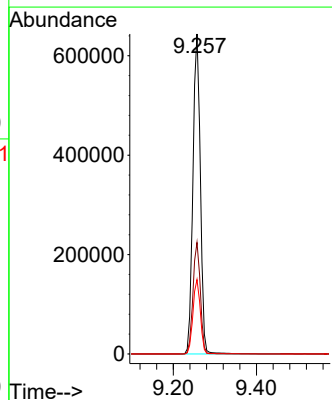
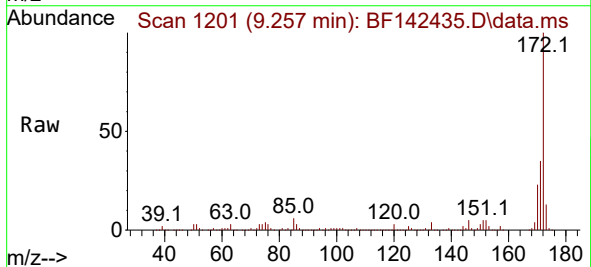
Instrument :
BNA_F
ClientSampleId :
L3-WC-4

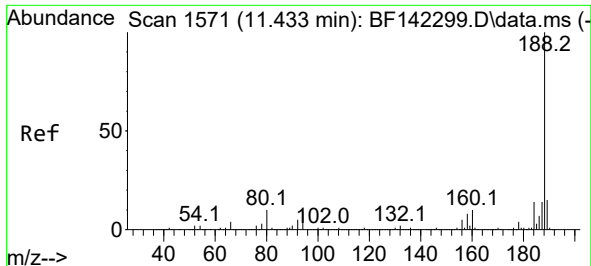
Tgt Ion:330 Resp: 152300
Ion Ratio Lower Upper
330 100
332 98.3 76.8 115.2
141 29.8 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 46.776 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142435.D
Acq: 16 May 2025 19:11

Tgt Ion:172 Resp: 797343
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.3 19.0 28.4

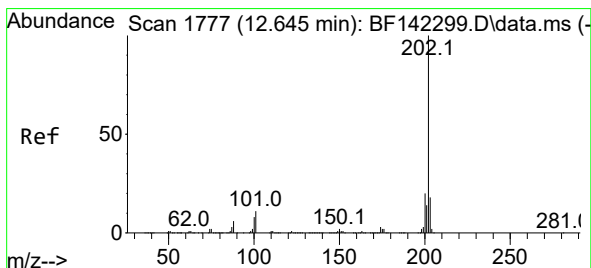
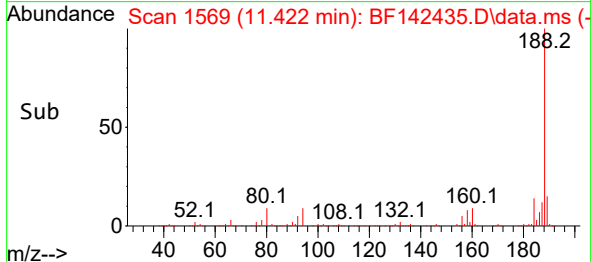
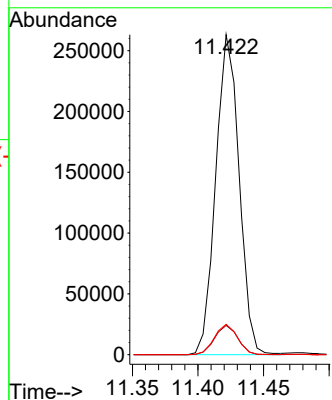
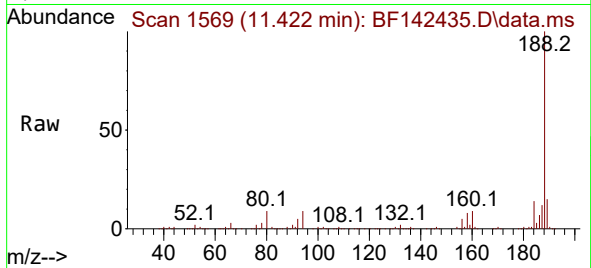




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142435.D
Acq: 16 May 2025 19:11

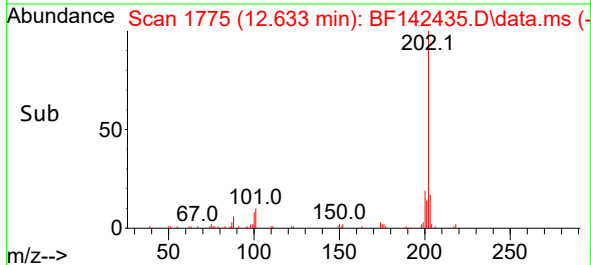
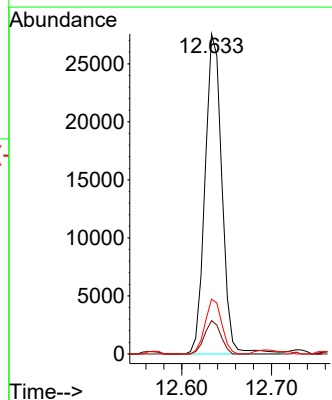
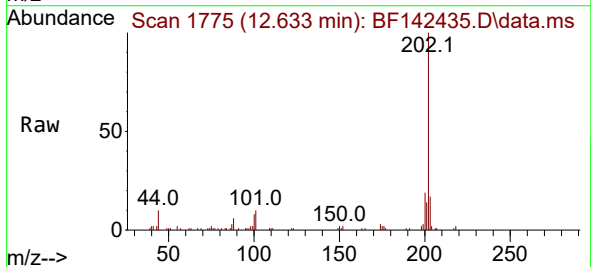
Instrument :
BNA_F
ClientSampleId :
L3-WC-4

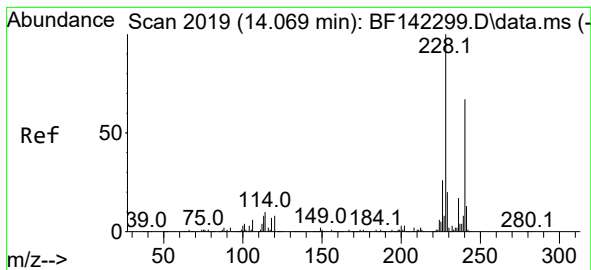
Tgt Ion:188 Resp: 325969
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 9.5 7.9 11.9



#75
Fluoranthene
Concen: 2.110 ng
RT: 12.633 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF142435.D
Acq: 16 May 2025 19:11

Tgt Ion:202 Resp: 36046
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.4
203 17.1 0.0 37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142435.D

Acq: 16 May 2025 19:11

Instrument :

BNA_F

ClientSampleId :

L3-WC-4

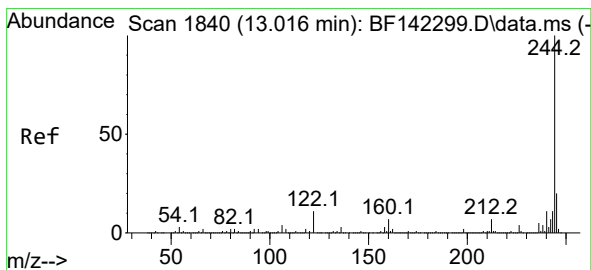
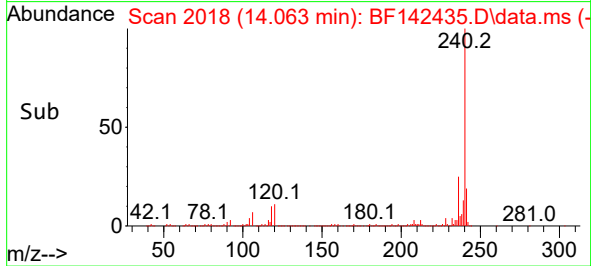
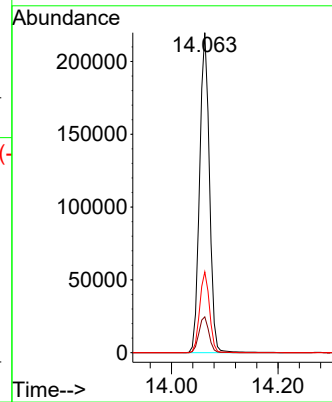
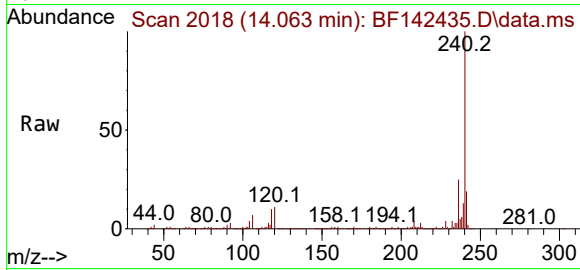
Tgt Ion:240 Resp: 281532

Ion Ratio Lower Upper

240 100

120 11.2 9.7 14.5

236 25.3 20.0 30.0



#79

Terphenyl-d14

Concen: 31.870 ng

RT: 13.010 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF142435.D

Acq: 16 May 2025 19:11

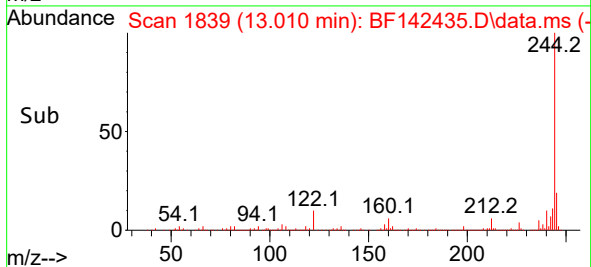
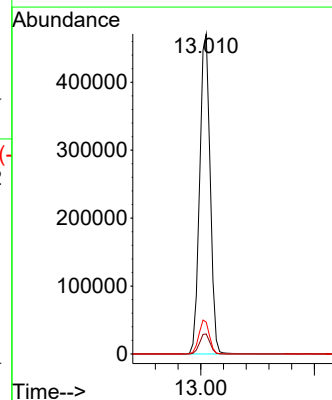
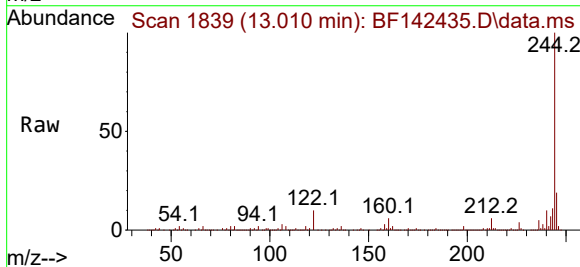
Tgt Ion:244 Resp: 606196

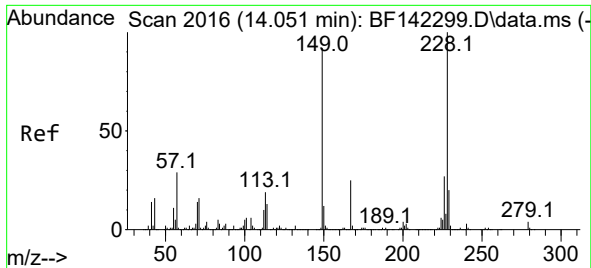
Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

122 9.9 9.0 13.4

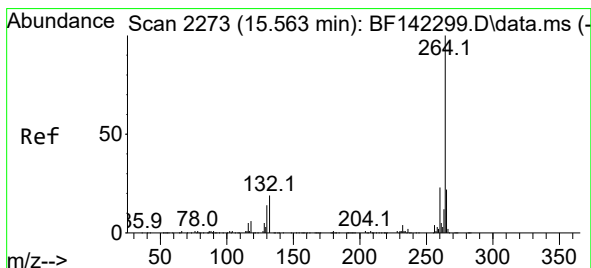
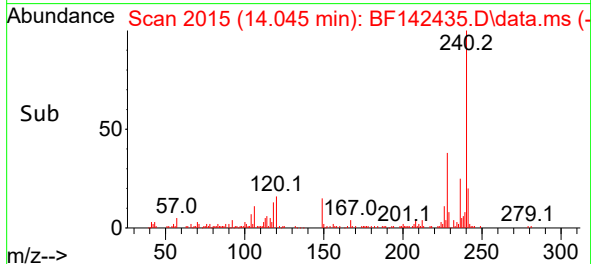
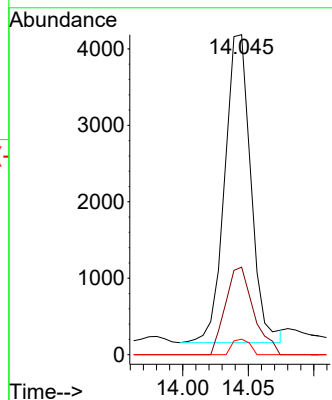
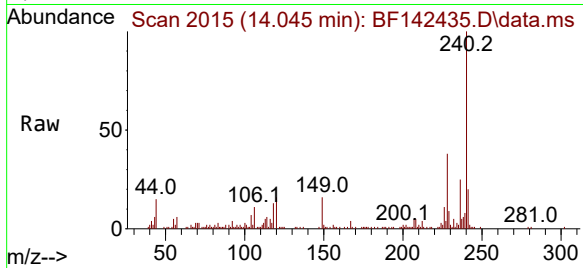




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.772 ng
RT: 14.045 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142435.D
Acq: 16 May 2025 19:11

Instrument :
BNA_F
ClientSampleId :
L3-WC-4

Tgt Ion:149 Resp: 5584
Ion Ratio Lower Upper
149 100
167 27.3 22.0 33.0
279 4.8 3.0 4.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF142435.D
Acq: 16 May 2025 19:11

Tgt Ion:264 Resp: 214276
Ion Ratio Lower Upper
264 100
260 22.4 18.6 27.8
265 21.3 17.5 26.3

