

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142434.D
 Acq On : 16 May 2025 18:42
 Operator : RC/JU
 Sample : Q2034-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L3-WC-3

Quant Time: May 16 22:42:16 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)

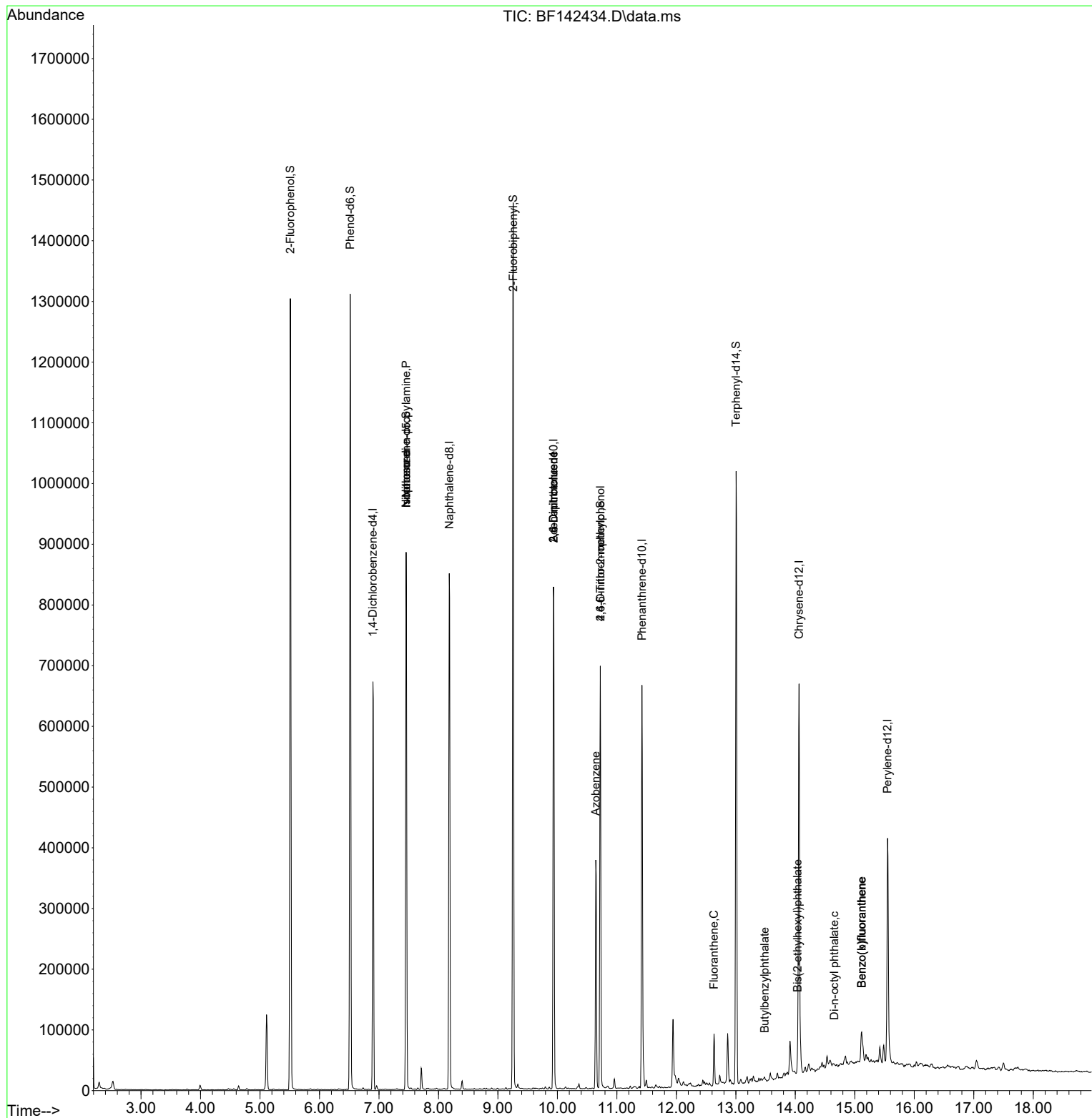
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	147733	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	545979	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	253446	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	342835	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	293121	20.000	ng	0.00
86) Perylene-d12	15.551	264	220700	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	489362	56.547	ng	0.00
7) Phenol-d6	6.516	99	589958	55.427	ng	0.00
23) Nitrobenzene-d5	7.457	82	359342	40.139	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	119787	48.953	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	663339	37.319	ng	0.00
79) Terphenyl-d14	13.004	244	495169	25.003	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	48250	7.328	ng	# 77
25) Isophorone	7.457	82	356303	21.018	ng	# 62
51) 2,6-Dinitrotoluene	9.934	165	32891	10.797	ng	# 23
57) 2,4-Dinitrotoluene	9.934	165	32891	8.417	ng	# 25
63) Azobenzene	10.645	77	91461	5.889	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.722	198	205	7.294	ng	# 1
75) Fluoranthene	12.633	202	44572	2.481	ng	99
80) Butylbenzylphthalate	13.486	149	1618	3.855	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.039	149	11576	5.301	ng	# 93
85) Di-n-octyl phthalate	14.657	149	996	7.886	ng	# 73
88) Benzo(b)fluoranthene	15.116	252	40976	3.065	ng	95
89) Benzo(k)fluoranthene	15.116	252	40976	3.350	ng	# 94

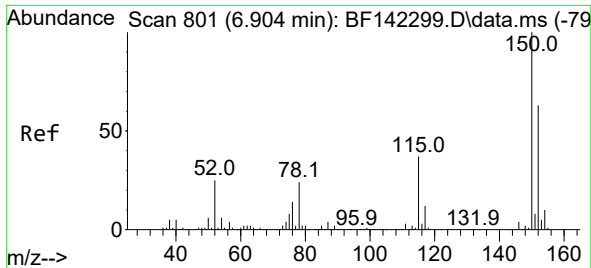
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142434.D
Acq On : 16 May 2025 18:42
Operator : RC/JU
Sample : Q2034-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L3-WC-3

Quant Time: May 16 22:42:16 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

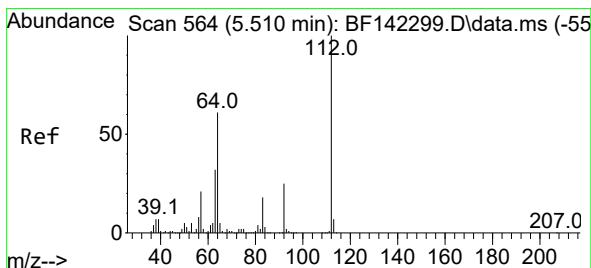
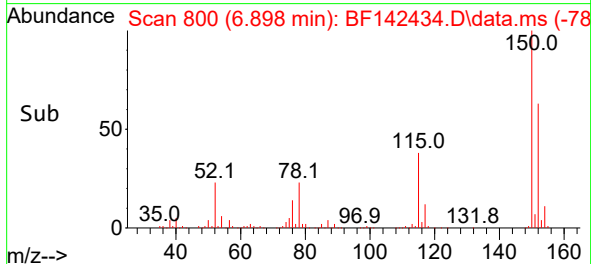
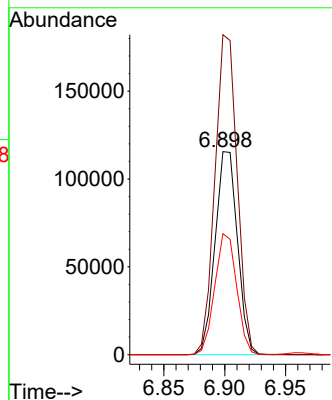
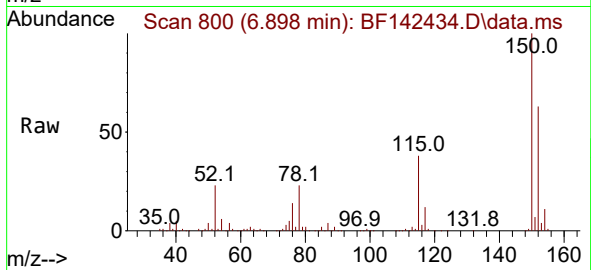




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

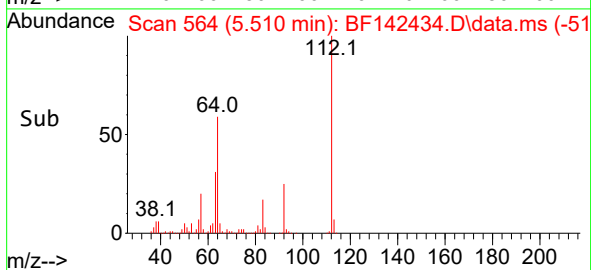
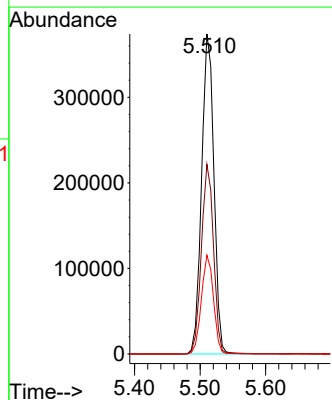
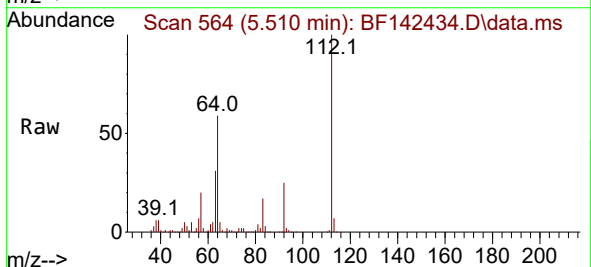
Instrument :
BNA_F
ClientSampleId :
L3-WC-3

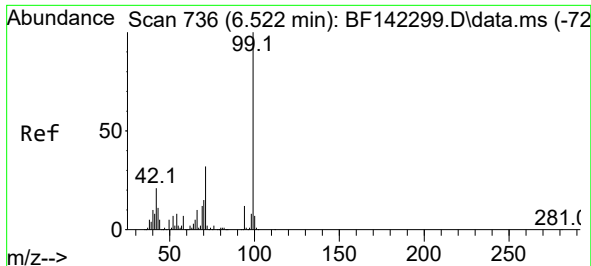
Tgt Ion:152 Resp: 147733
Ion Ratio Lower Upper
152 100
150 157.6 126.6 190.0
115 59.6 47.3 70.9



#5
2-Fluorophenol
Concen: 56.547 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

Tgt Ion:112 Resp: 489362
Ion Ratio Lower Upper
112 100
64 59.2 48.9 73.3
63 30.9 25.6 38.4

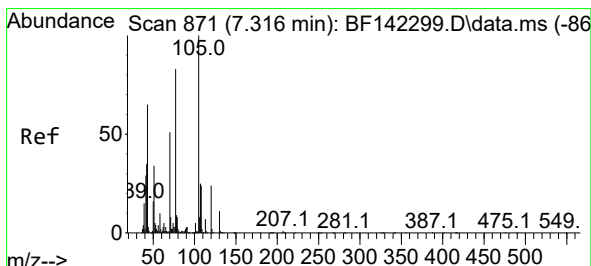
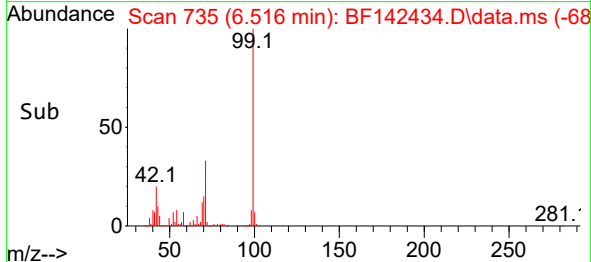
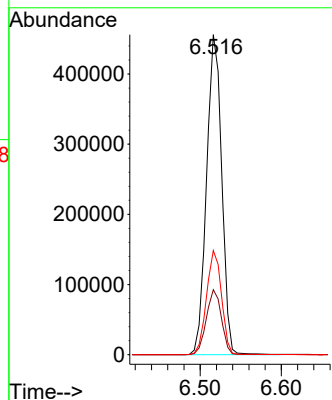
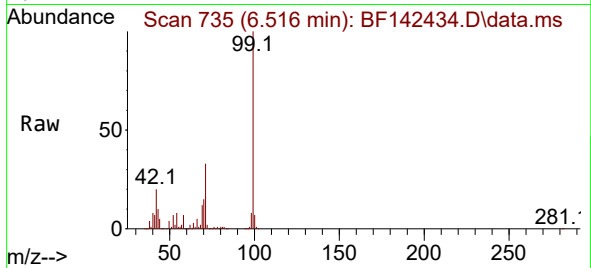




#7
Phenol-d6
Concen: 55.427 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

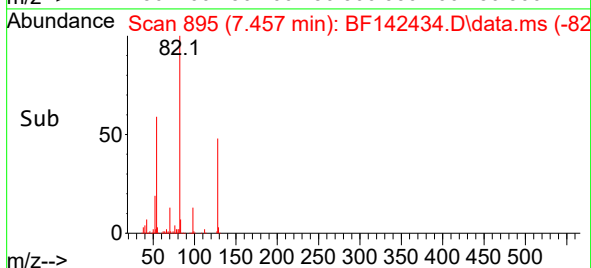
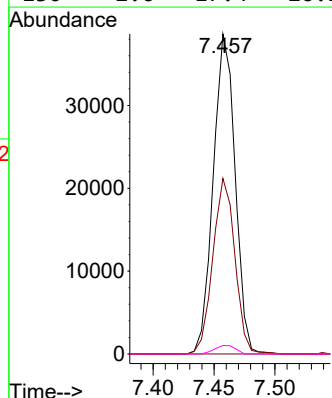
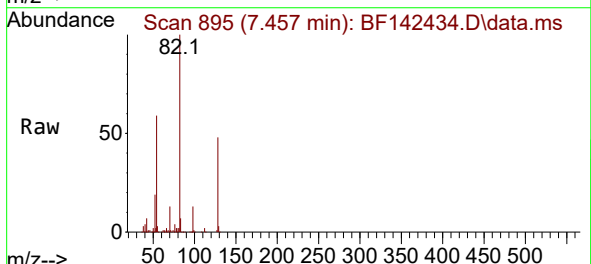
Instrument :
BNA_F
ClientSampleId :
L3-WC-3

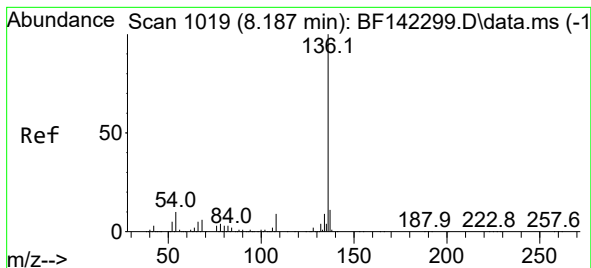
Tgt Ion: 99 Resp: 589958
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.4
71 32.5 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 7.328 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

Tgt Ion: 70 Resp: 48250
Ion Ratio Lower Upper
70 100
42 54.8 54.8 82.2
101 0.0 7.7 11.5#
130 2.6 17.4 26.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF142434.D

Acq: 16 May 2025 18:42

Instrument :

BNA_F

ClientSampleId :

L3-WC-3

Tgt Ion:136 Resp: 545979

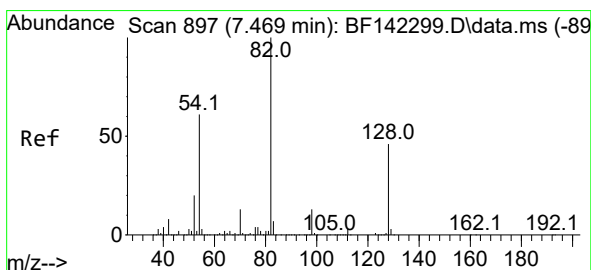
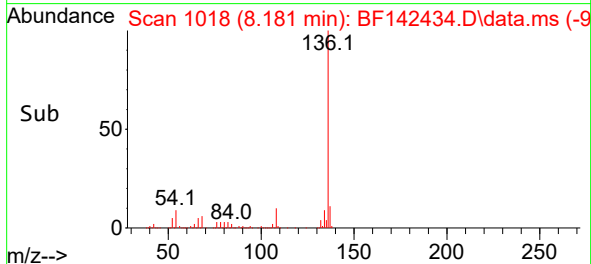
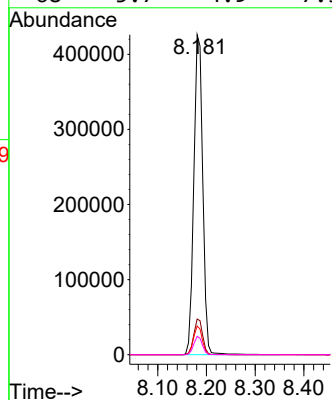
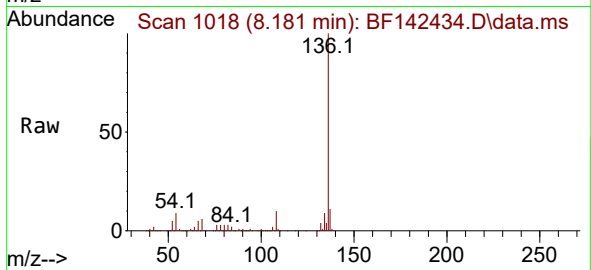
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.0 7.7 11.5

68 5.7 4.9 7.3



#23

Nitrobenzene-d5

Concen: 40.139 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF142434.D

Acq: 16 May 2025 18:42

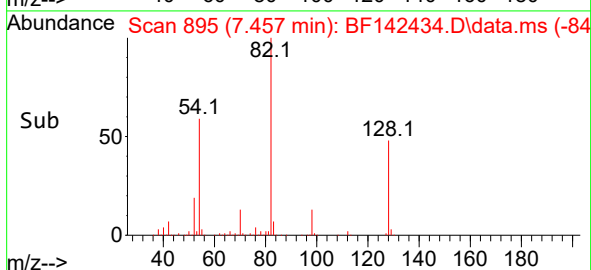
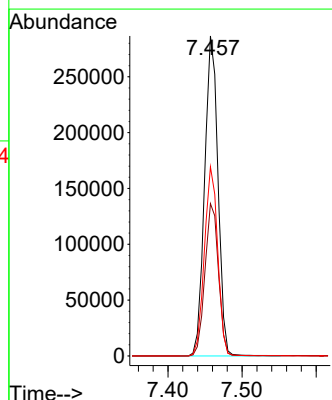
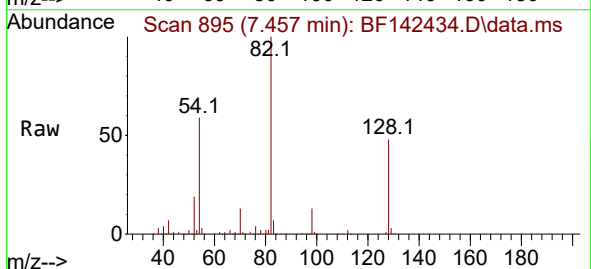
Tgt Ion: 82 Resp: 359342

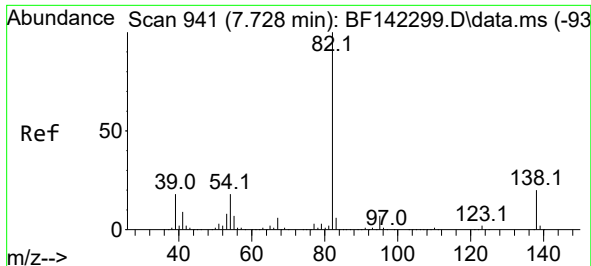
Ion Ratio Lower Upper

82 100

128 47.6 37.0 55.6

54 59.1 48.6 73.0

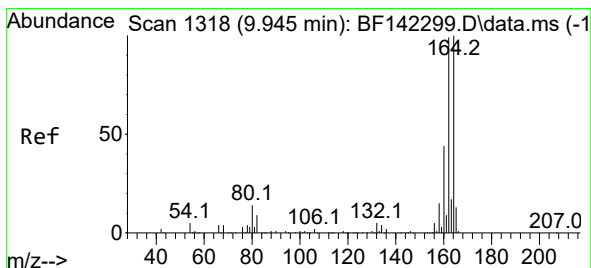
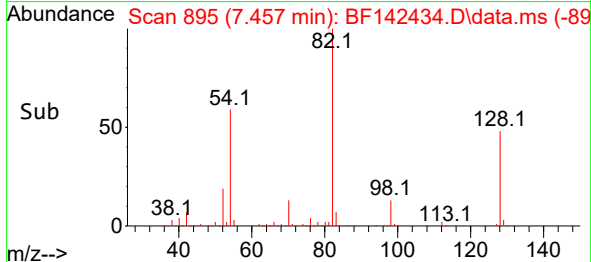
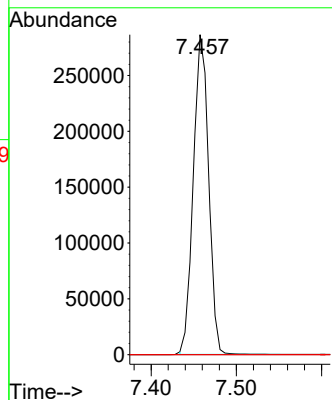
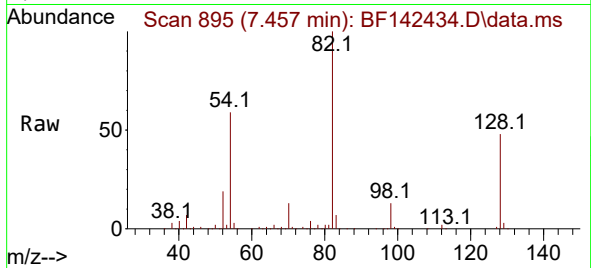




#25
Isophorone
Concen: 21.018 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

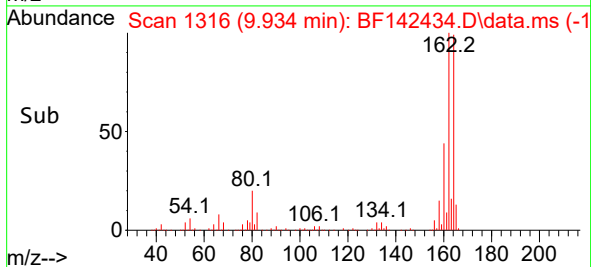
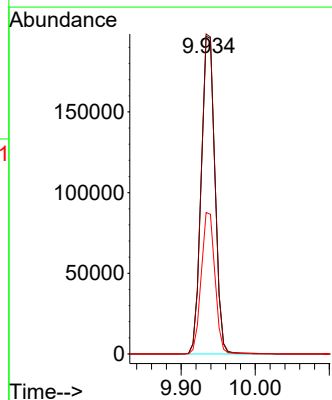
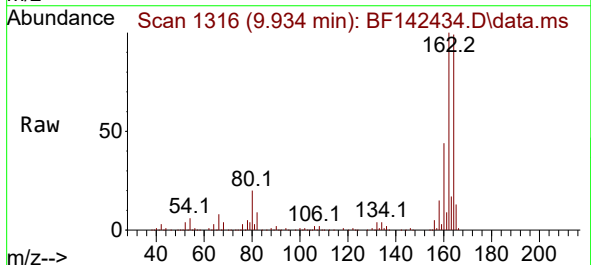
Instrument :
BNA_F
ClientSampleId :
L3-WC-3

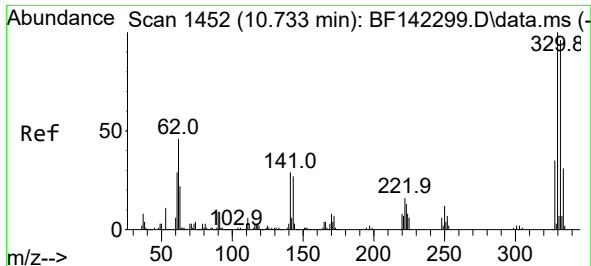
Tgt Ion: 82 Resp: 356303
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.011 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

Tgt Ion:164 Resp: 253446
Ion Ratio Lower Upper
164 100
162 100.7 79.2 118.8
160 44.5 35.3 52.9

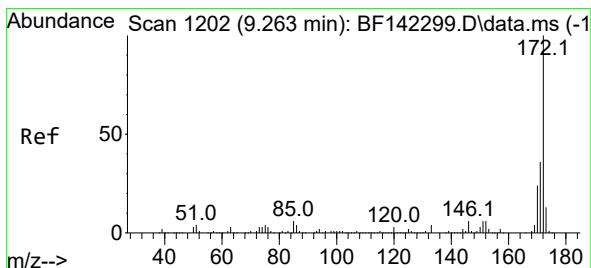
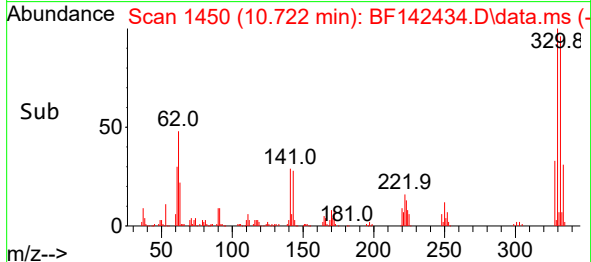
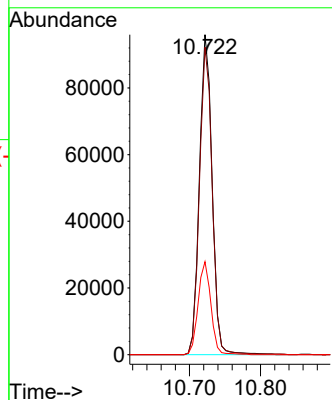
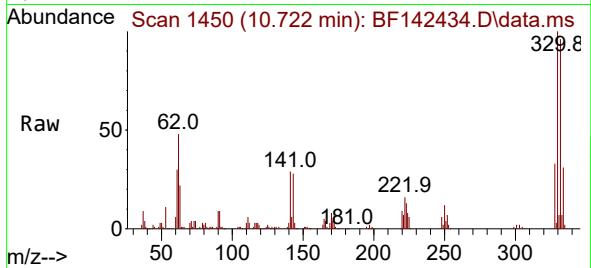




#42
2,4,6-Tribromophenol
Concen: 48.953 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

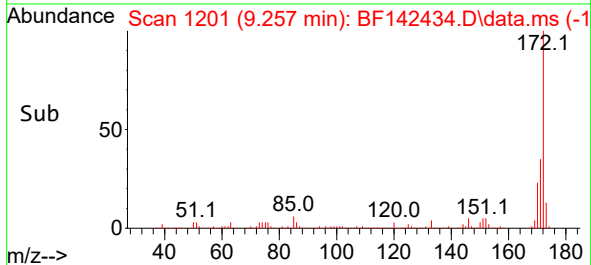
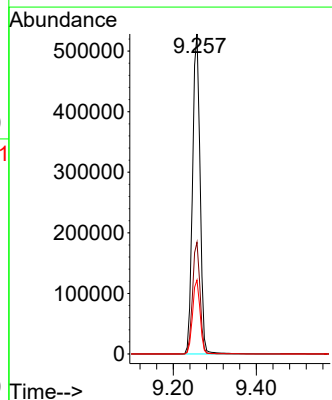
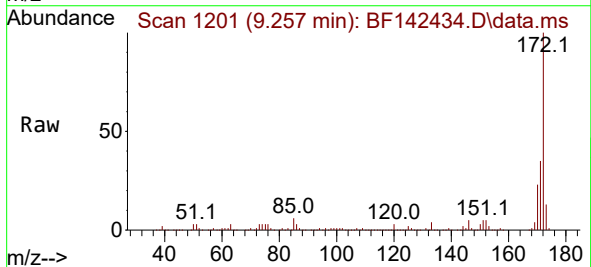
Instrument :
BNA_F
ClientSampleId :
L3-WC-3

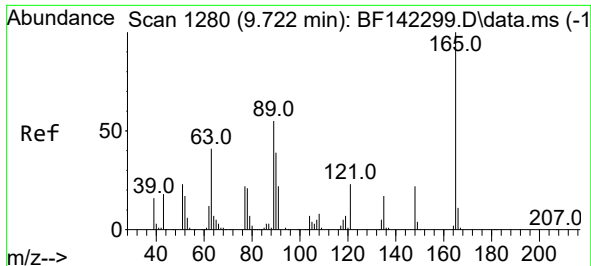
Tgt Ion:330 Resp: 119787
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 29.1 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 37.319 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

Tgt Ion:172 Resp: 663339
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.1 19.0 28.4

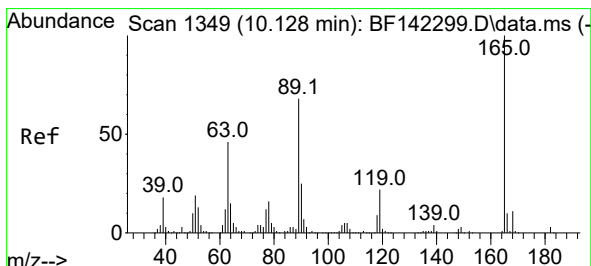
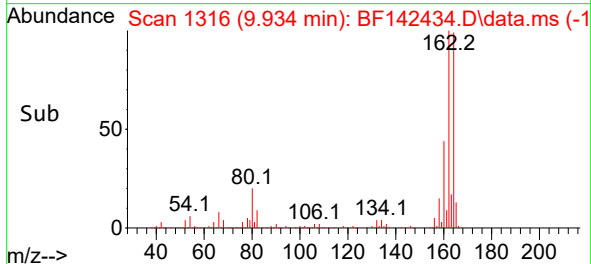
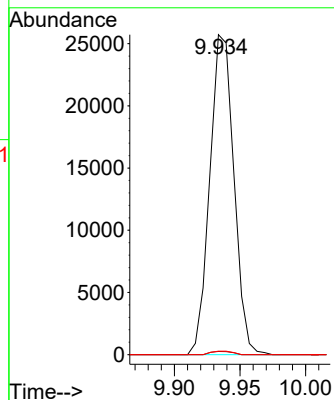
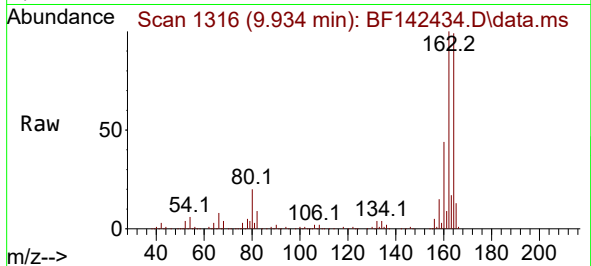




#51
2,6-Dinitrotoluene
Concen: 10.797 ng
RT: 9.934 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

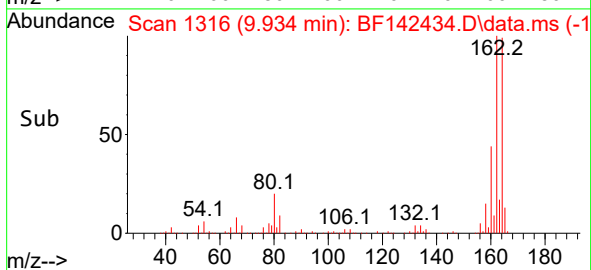
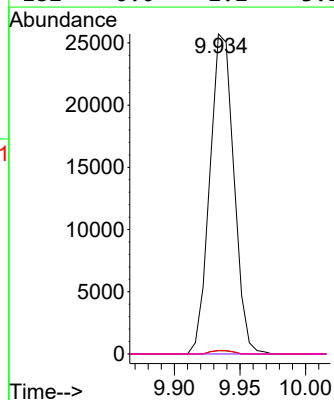
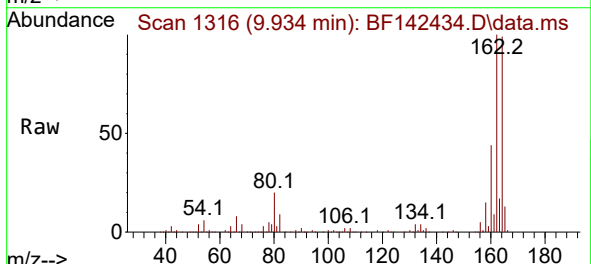
Instrument :
BNA_F
ClientSampleId :
L3-WC-3

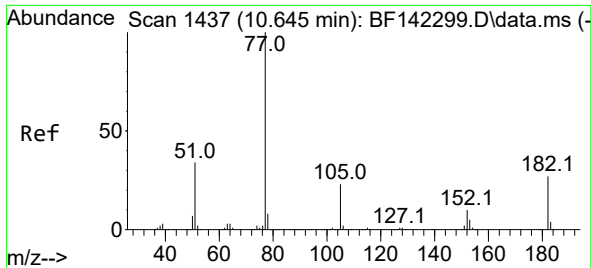
Tgt Ion:165 Resp: 32891
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 1.1 44.6 66.8#



#57
2,4-Dinitrotoluene
Concen: 8.417 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.194 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

Tgt Ion:165 Resp: 32891
Ion Ratio Lower Upper
165 100
63 1.0 37.1 55.7#
89 1.1 54.4 81.6#
182 0.0 2.2 3.2#

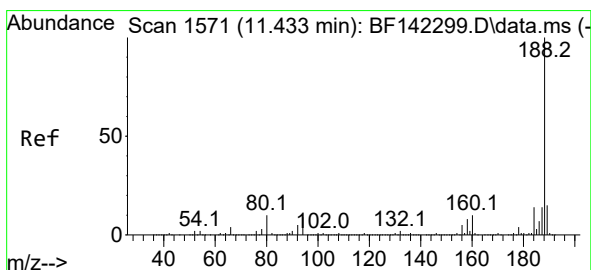
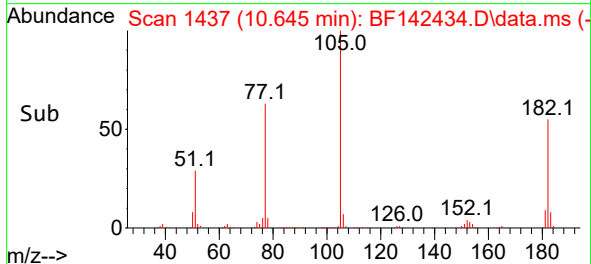
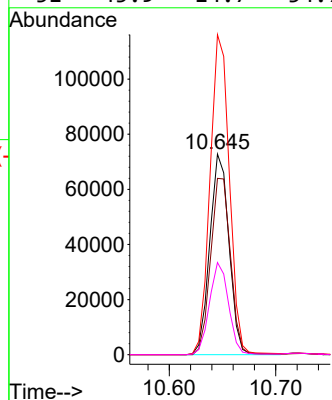
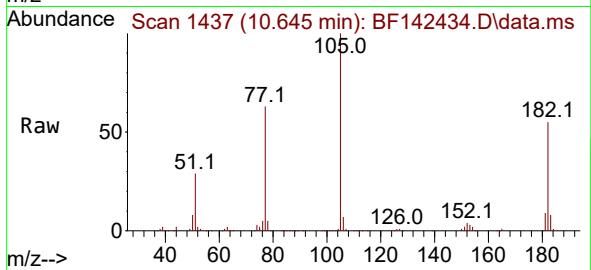




#63
Azobenzene
Concen: 5.889 ng
RT: 10.645 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

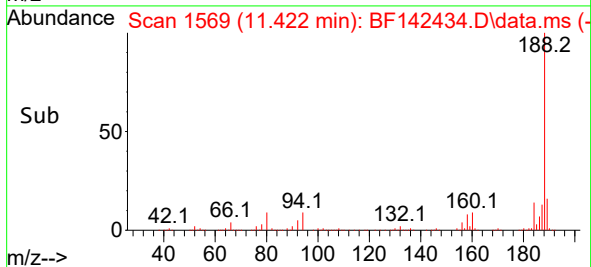
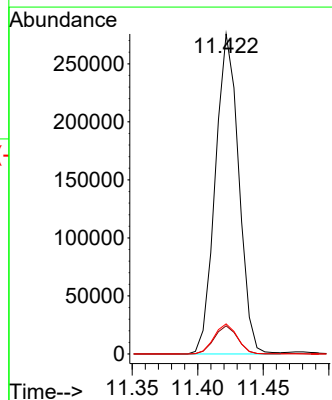
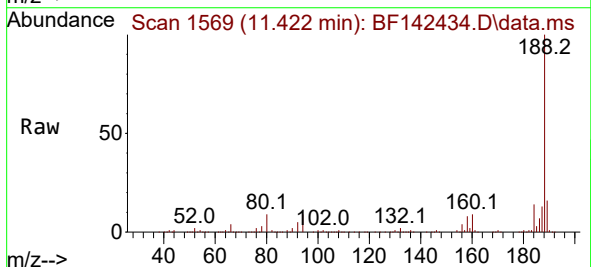
Instrument :
BNA_F
ClientSampleId :
L3-WC-3

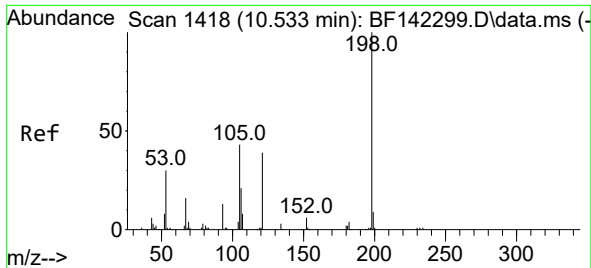
Tgt Ion: 77 Resp: 91461
Ion Ratio Lower Upper
77 100
182 87.9 6.9 46.9#
105 159.5 2.7 42.7#
51 45.9 14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

Tgt Ion: 188 Resp: 342835
Ion Ratio Lower Upper
188 100
94 8.8 7.5 11.3
80 9.4 7.9 11.9

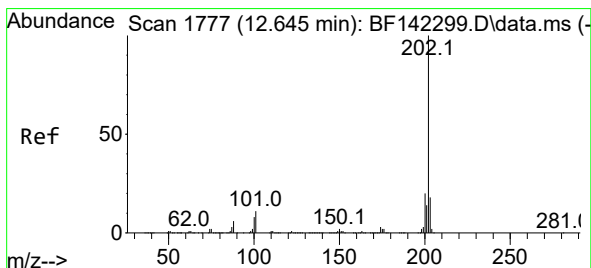
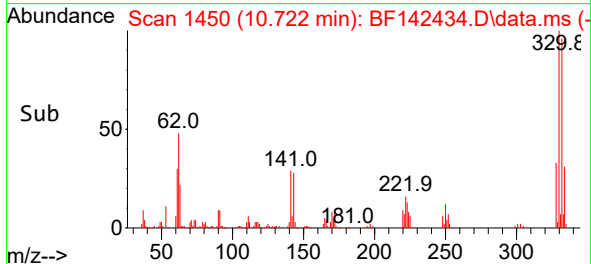
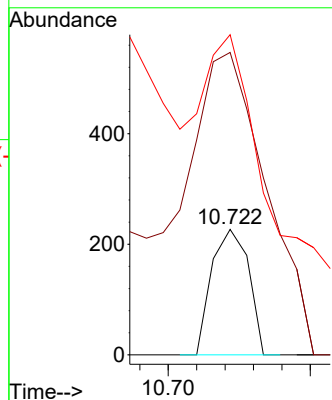
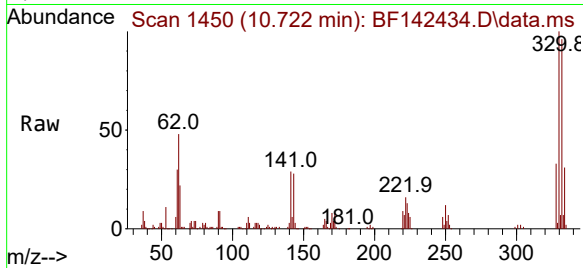




#65
4,6-Dinitro-2-methylphenol
Concen: 7.294 ng
RT: 10.722 min Scan# 1418
Delta R.T. 0.189 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

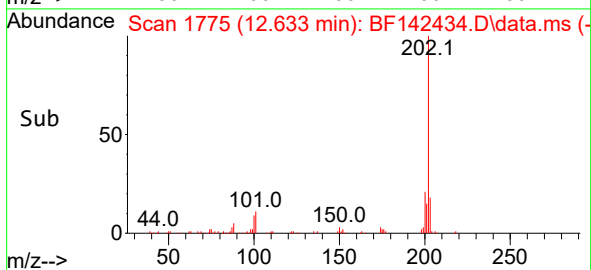
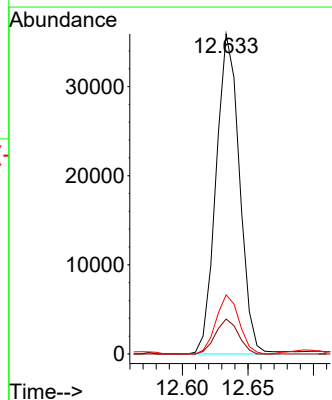
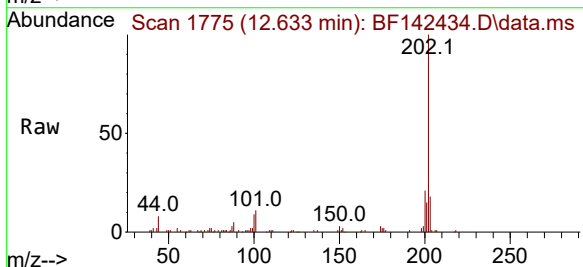
Instrument :
BNA_F
ClientSampleId :
L3-WC-3

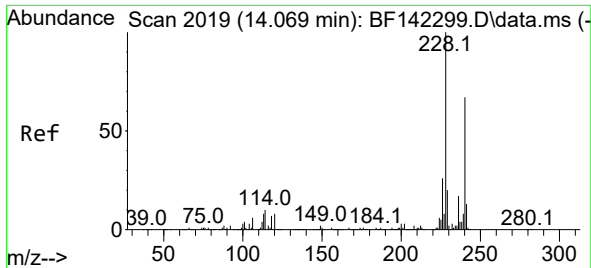
Tgt Ion:198 Resp: 205
Ion Ratio Lower Upper
198 100
51 241.0 32.9 72.9#
105 255.1 23.7 63.7#



#75
Fluoranthene
Concen: 2.481 ng
RT: 12.633 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

Tgt Ion:202 Resp: 44572
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 18.5 0.0 37.9

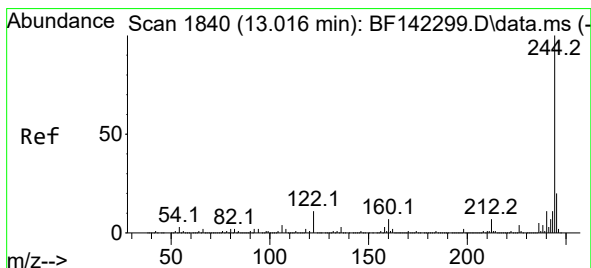
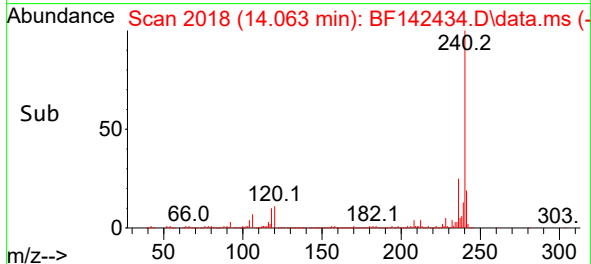
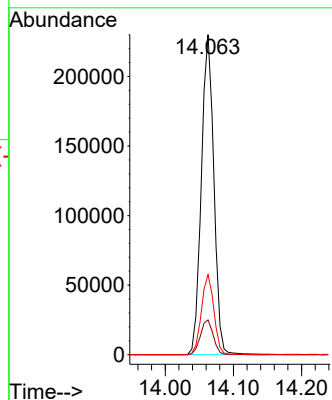
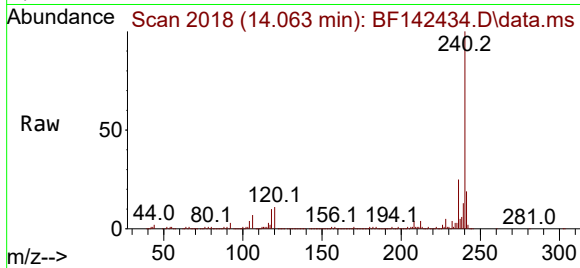




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

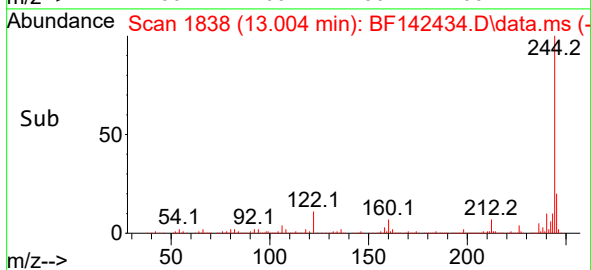
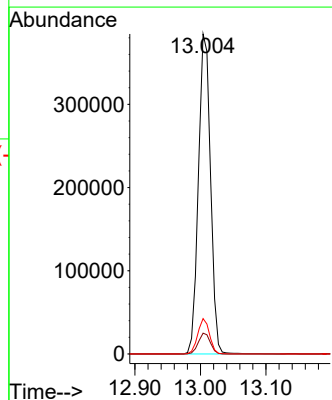
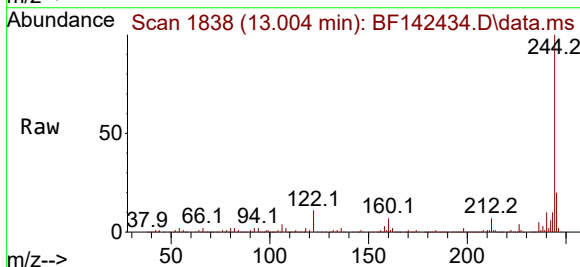
Instrument :
BNA_F
ClientSampleId :
L3-WC-3

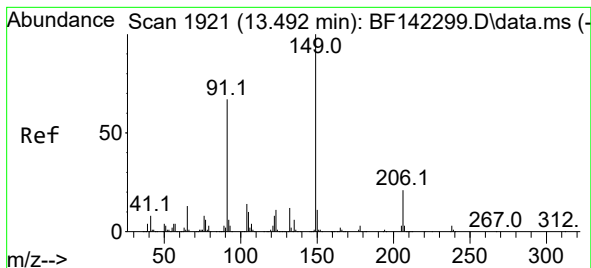
Tgt Ion:240 Resp: 293121
Ion Ratio Lower Upper
240 100
120 10.9 9.7 14.5
236 25.0 20.0 30.0



#79
Terphenyl-d14
Concen: 25.003 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

Tgt Ion:244 Resp: 495169
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 11.1 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.855 ng

RT: 13.486 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF142434.D

Acq: 16 May 2025 18:42

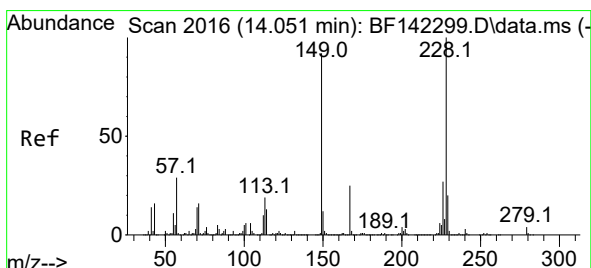
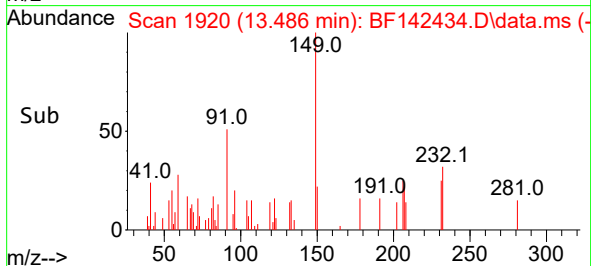
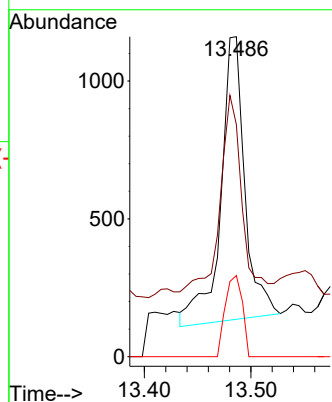
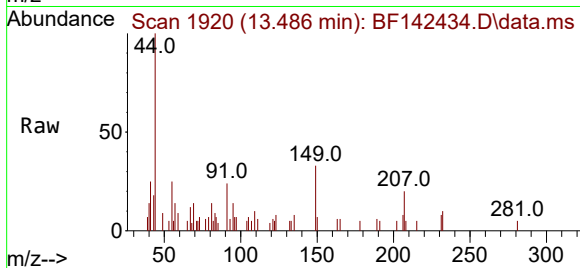
Instrument :

BNA_F

ClientSampleId :

L3-WC-3

Tgt Ion:149	Resp:	1618
Ion Ratio	Lower	Upper
149	100	
91	72.5	53.8 80.6
206	25.3	16.6 24.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.301 ng

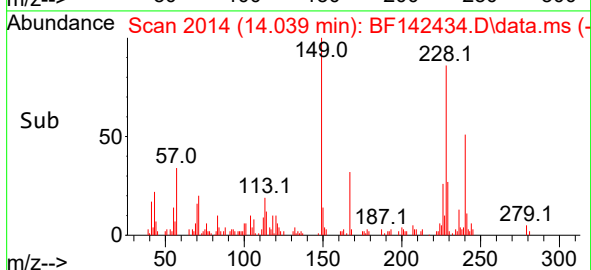
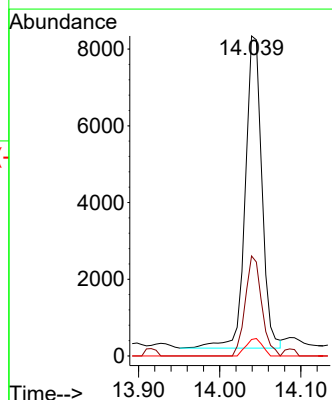
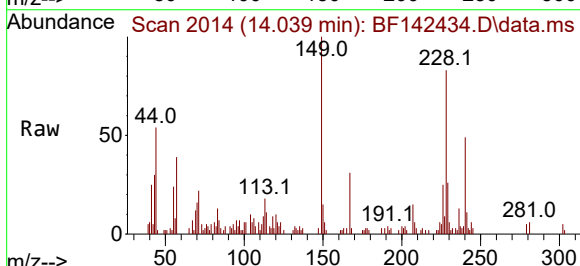
RT: 14.039 min Scan# 2014

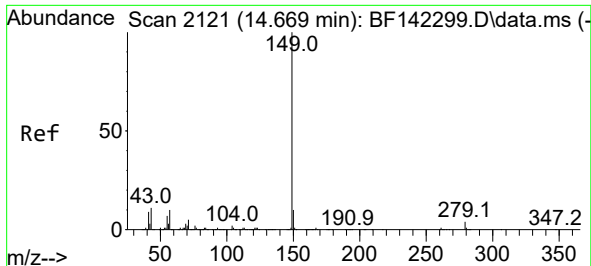
Delta R.T. -0.012 min

Lab File: BF142434.D

Acq: 16 May 2025 18:42

Tgt Ion:149	Resp:	11576
Ion Ratio	Lower	Upper
149	100	
167	31.2	22.0 33.0
279	5.1	3.0 4.6#

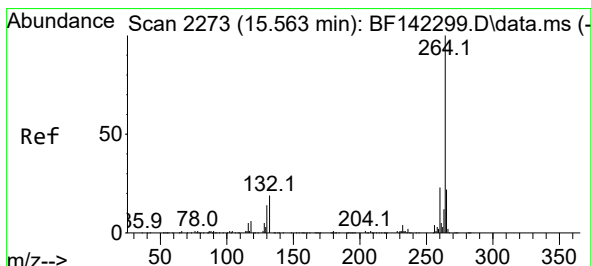
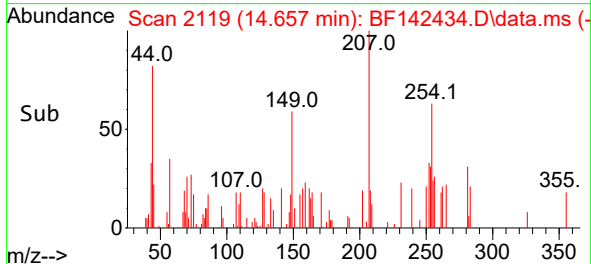
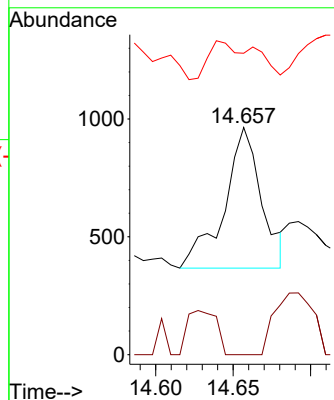
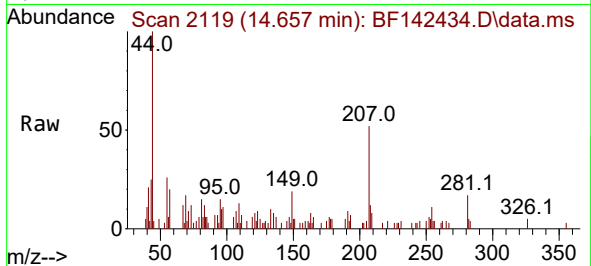




#85
Di-n-octyl phthalate
Concen: 7.886 ng
RT: 14.657 min Scan# 2119
Delta R.T. -0.012 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

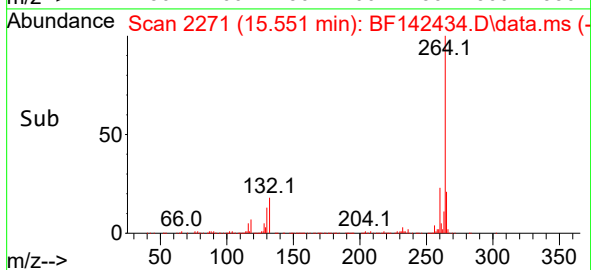
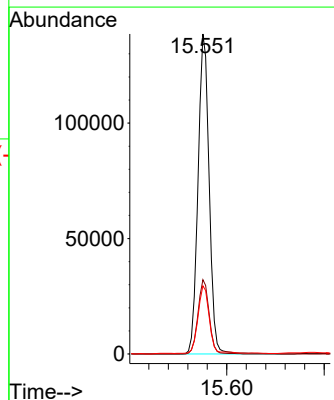
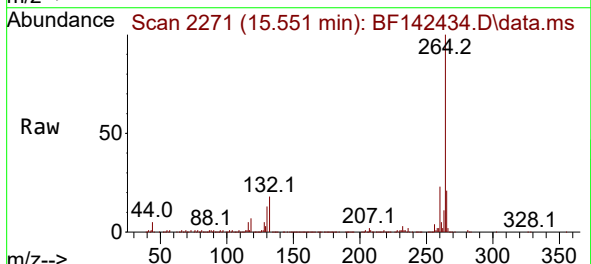
Instrument :
BNA_F
ClientSampleId :
L3-WC-3

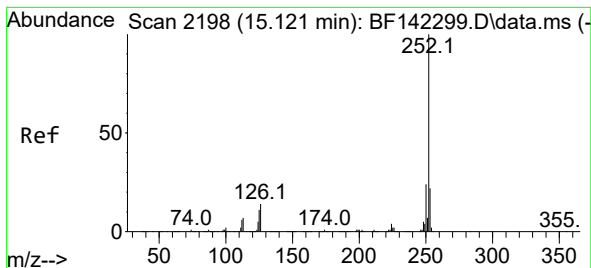
Tgt Ion:149 Resp: 996
Ion Ratio Lower Upper
149 100
167 0.0 1.1 1.7#
43 0.0 9.2 13.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF142434.D
Acq: 16 May 2025 18:42

Tgt Ion:264 Resp: 220700
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 21.3 17.5 26.3





#88

Benzo(b)fluoranthene

Concen: 3.065 ng

RT: 15.116 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF142434.D

Acq: 16 May 2025 18:42

Instrument :

BNA_F

ClientSampleId :

L3-WC-3

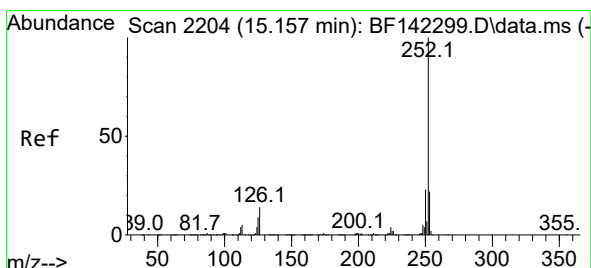
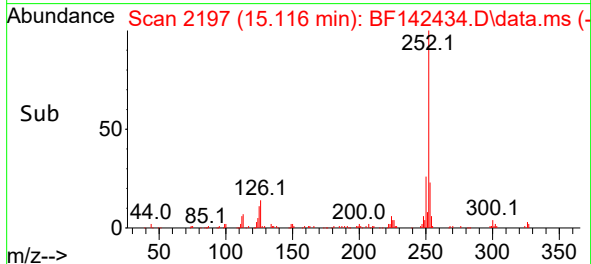
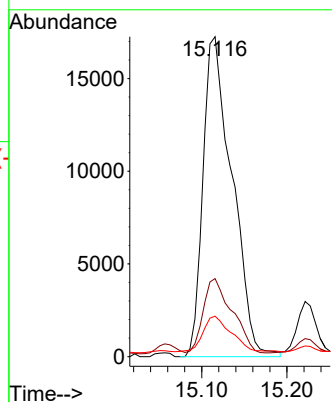
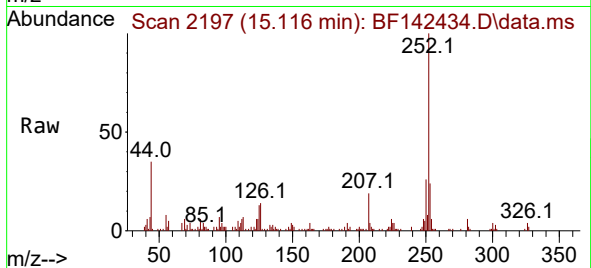
Tgt Ion:252 Resp: 40976

Ion Ratio Lower Upper

252 100

253 24.4 17.7 26.5

125 12.7 8.7 13.1



#89

Benzo(k)fluoranthene

Concen: 3.350 ng

RT: 15.116 min Scan# 2197

Delta R.T. -0.041 min

Lab File: BF142434.D

Acq: 16 May 2025 18:42

Tgt Ion:252 Resp: 40976

Ion Ratio Lower Upper

252 100

253 24.4 17.6 26.4

125 12.7 8.1 12.1#

