

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)

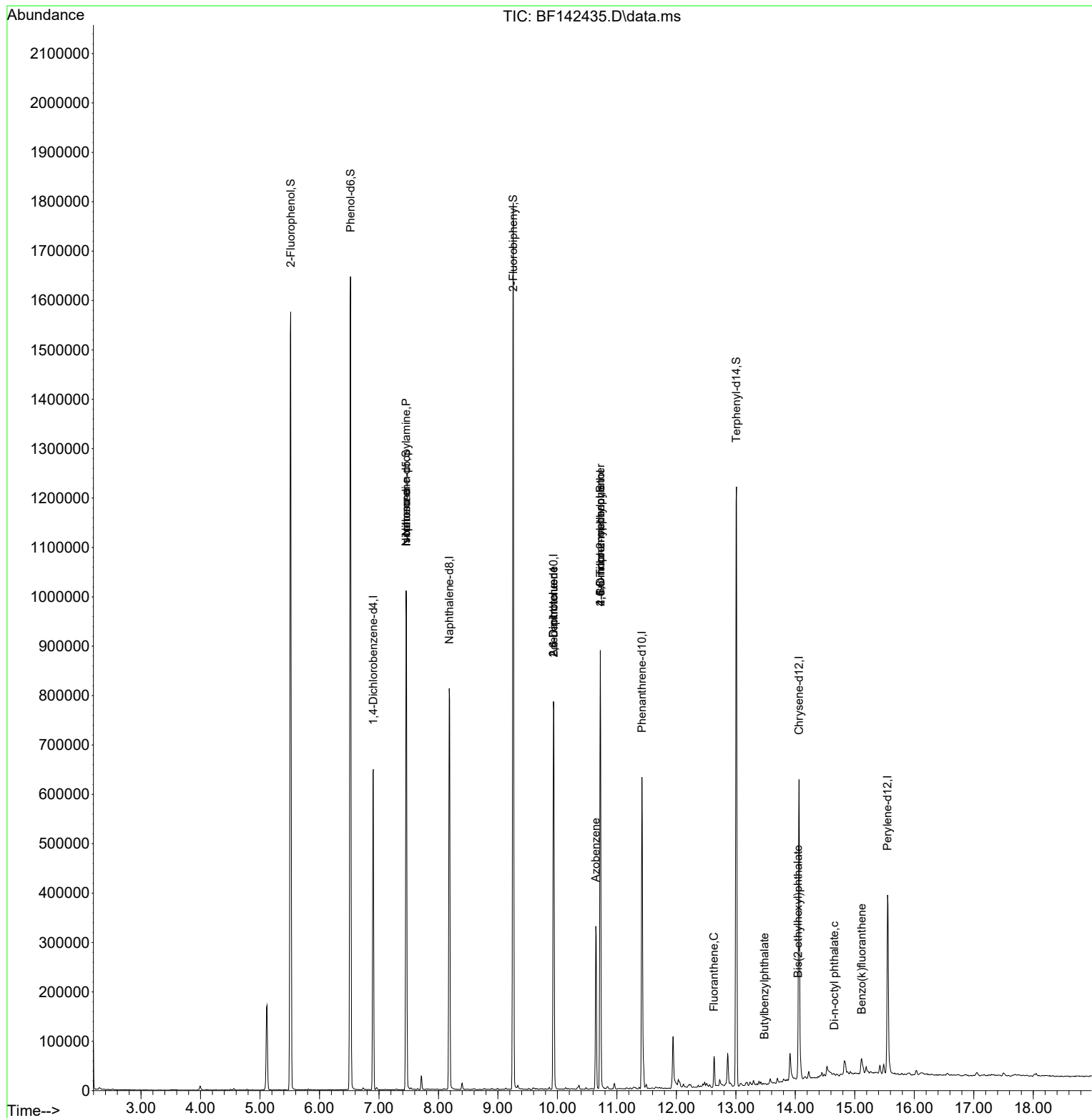
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	144414	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	525042	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	243057	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	325969	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	281532	20.000	ng	0.00
86) Perylene-d12	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						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	56995	8.856	ng	# 76
25) Isophorone	7.457	82	417338	25.600	ng	# 62
51) 2,6-Dinitrotoluene	9.933	165	31924	10.928	ng	# 23
57) 2,4-Dinitrotoluene	9.933	165	31924	8.519	ng	# 25
63) Azobenzene	10.645	77	79953	5.368	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.722	198	276	7.339	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	8948	2.422	ng	# 1
75) Fluoranthene	12.633	202	36046	2.110	ng	98
80) Butylbenzylphthalate	13.480	149	494	3.722	ng	# 72
84) Bis(2-ethylhexyl)phtha...	14.045	149	5584	4.772	ng	# 99
85) Di-n-octyl phthalate	14.657	149	316	7.855	ng	# 64
89) Benzo(k)fluoranthene	15.115	252	24208	2.038	ng	# 97

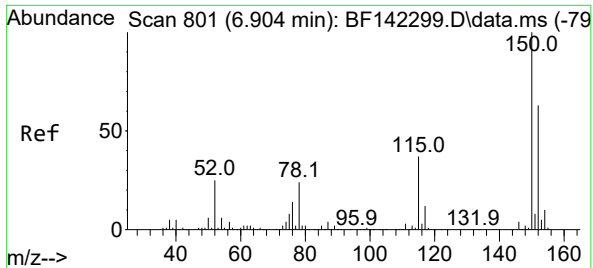
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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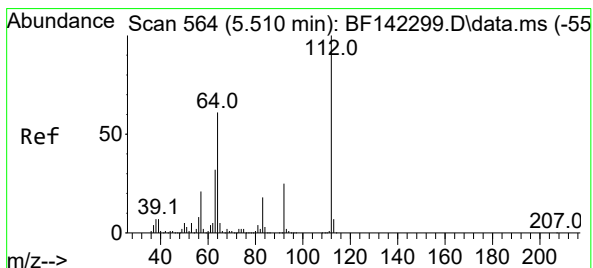
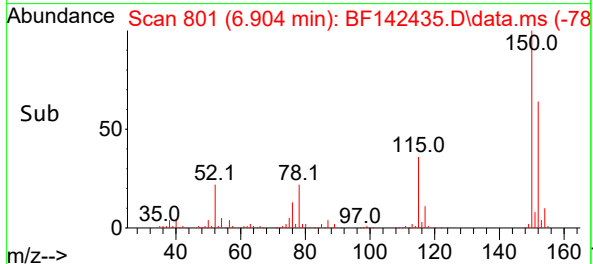
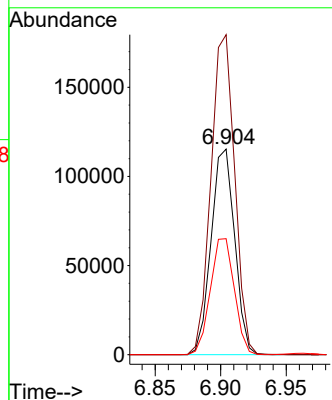
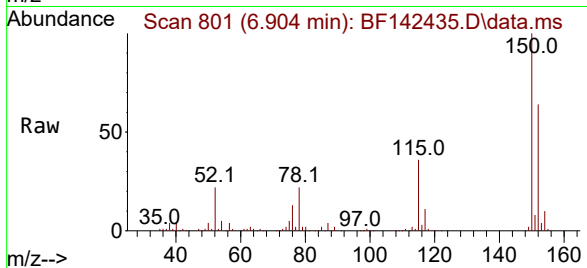




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142435.D
 Acq: 16 May 2025 19:11

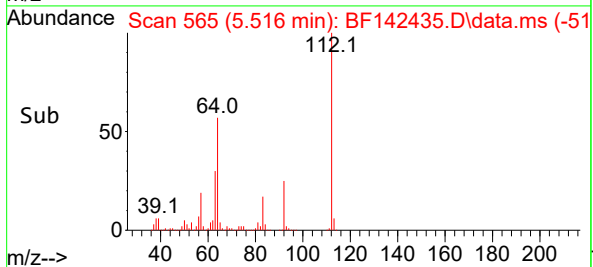
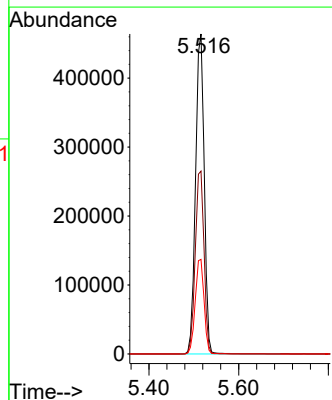
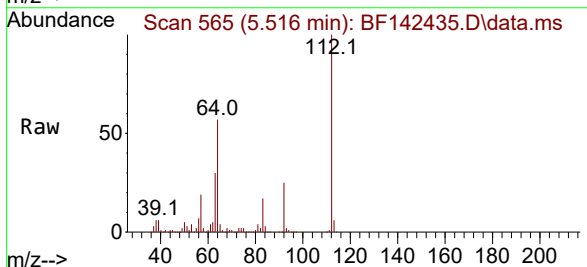
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 BNA_F
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 L3-WC-4

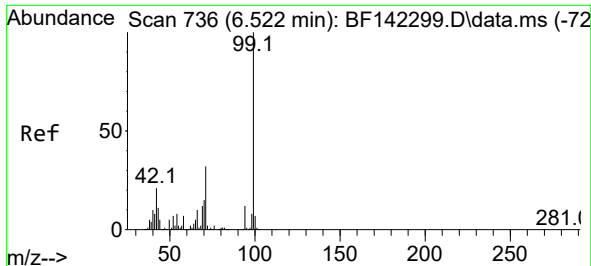
Tgt Ion:152 Resp: 144414
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.6 190.0
 115 56.4 47.3 70.9



#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

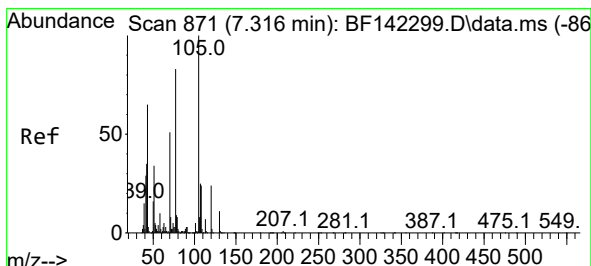
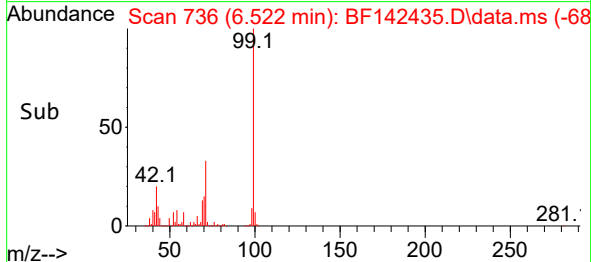
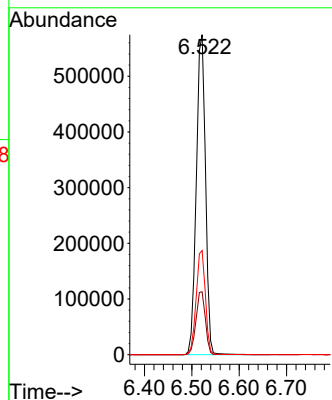
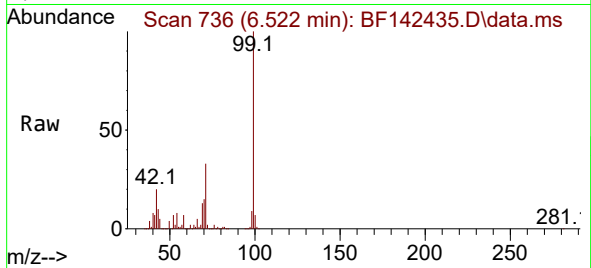




#7
Phenol-d6
Concen: 74.724 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142435.D
Acq: 16 May 2025 19:11

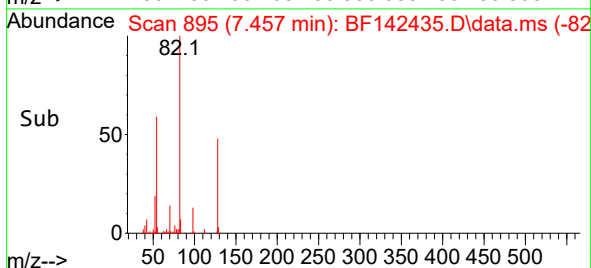
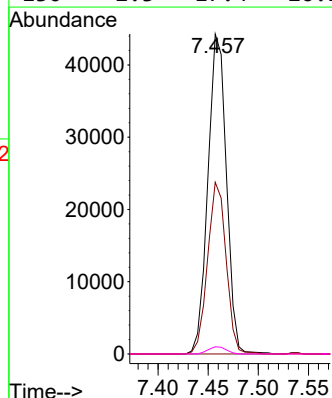
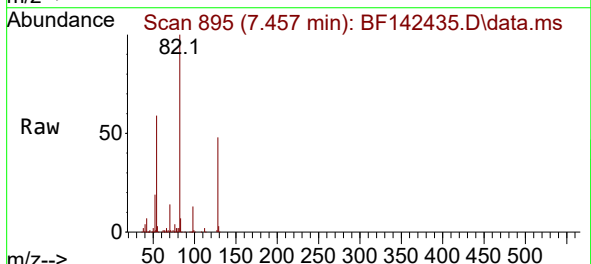
Instrument :
BNA_F
ClientSampleId :
L3-WC-4

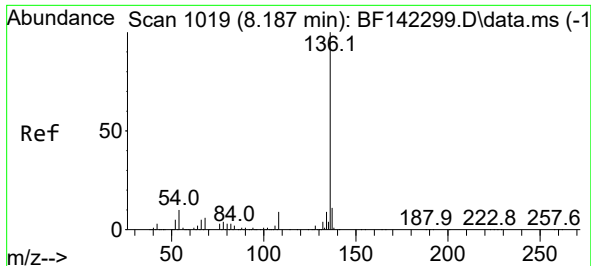
Tgt Ion: 99 Resp: 777488
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.4
71 32.6 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 8.856 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF142435.D
Acq: 16 May 2025 19:11

Tgt Ion: 70 Resp: 56995
Ion Ratio Lower Upper
70 100
42 53.6 54.8 82.2#
101 0.0 7.7 11.5#
130 2.3 17.4 26.2#



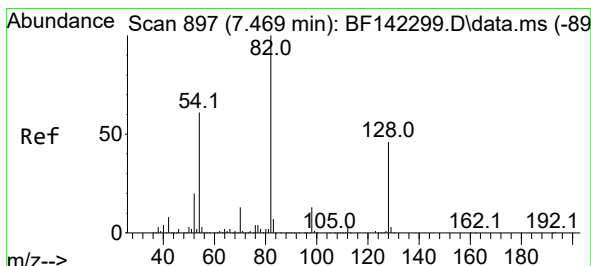
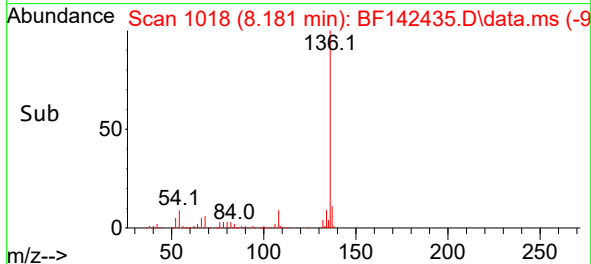
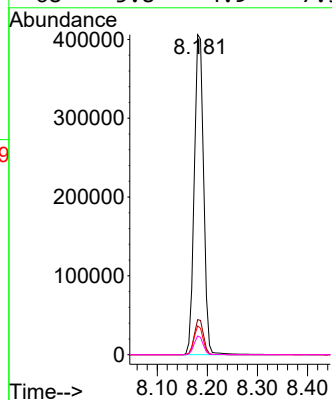
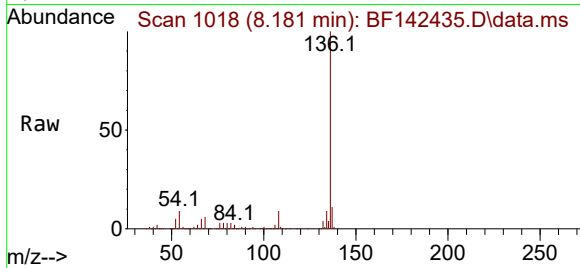


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142435.D
Acq: 16 May 2025 19:11

Instrument :
BNA_F
ClientSampleId :
L3-WC-4

Tgt Ion:136 Resp: 525042

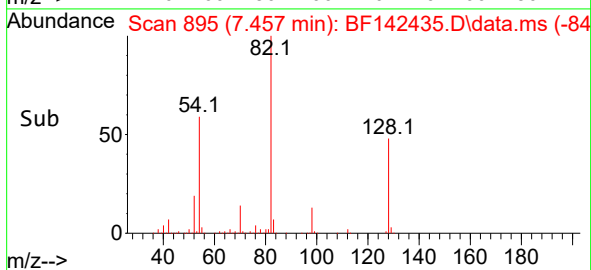
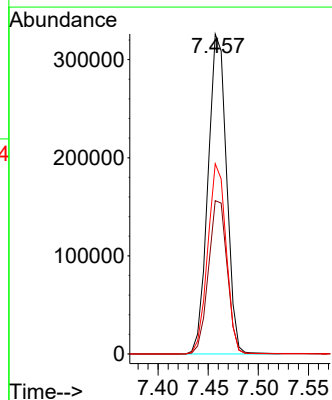
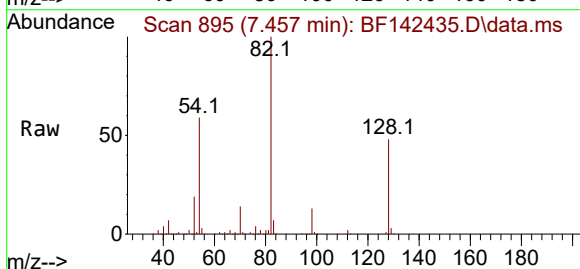
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.0	7.7	11.5
68	5.8	4.9	7.3

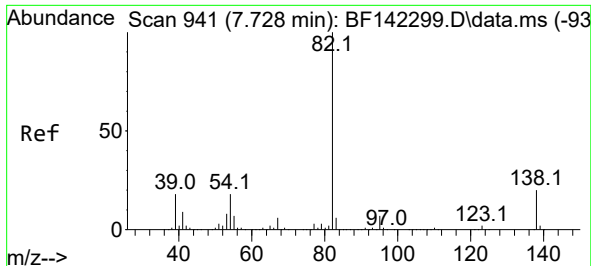


#23
Nitrobenzene-d5
Concen: 48.871 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF142435.D
Acq: 16 May 2025 19:11

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

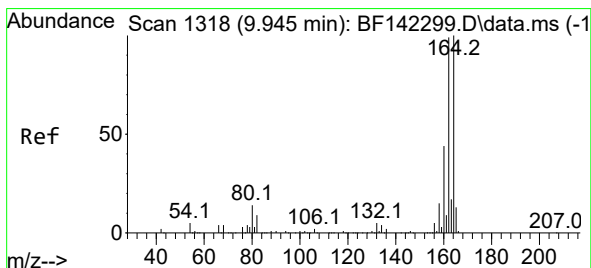
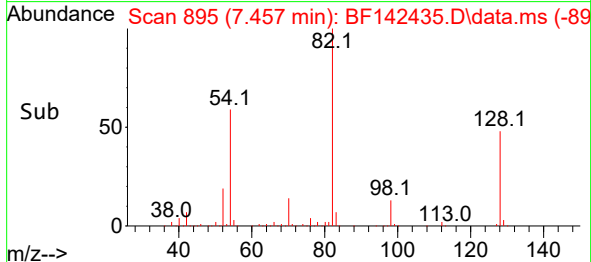
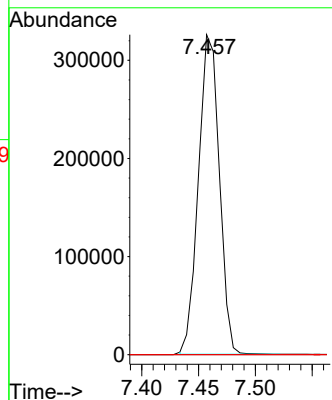
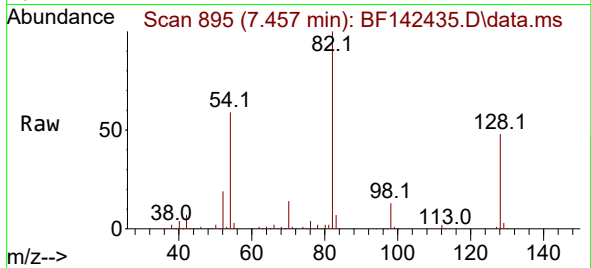




#25
Isophorone
Concen: 25.600 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF142435.D
Acq: 16 May 2025 19:11

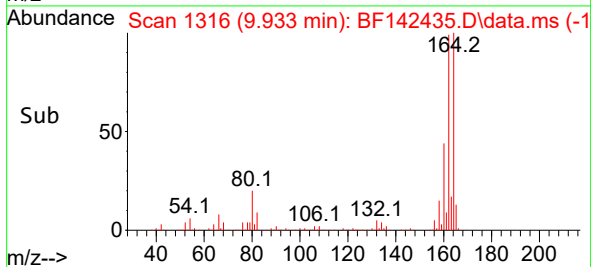
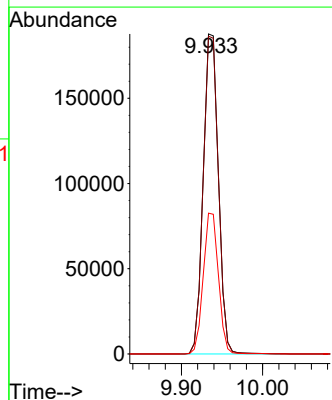
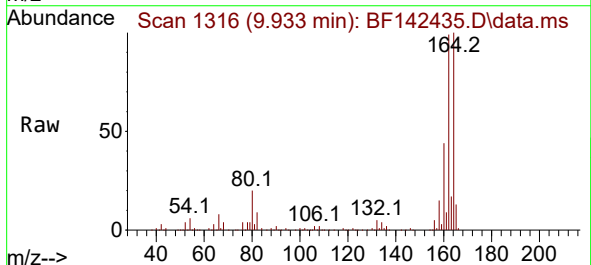
Instrument :
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ClientSampleId :
L3-WC-4

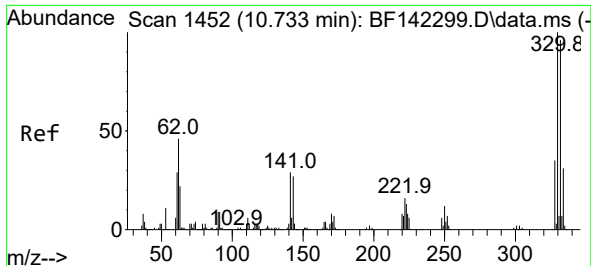
Tgt Ion: 82 Resp: 417338
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 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

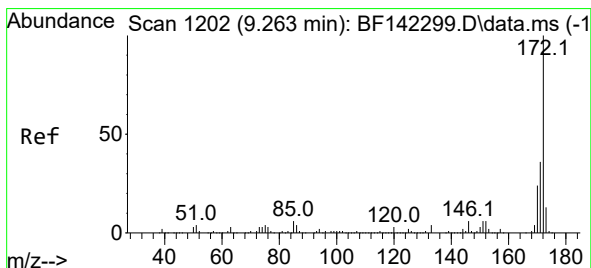
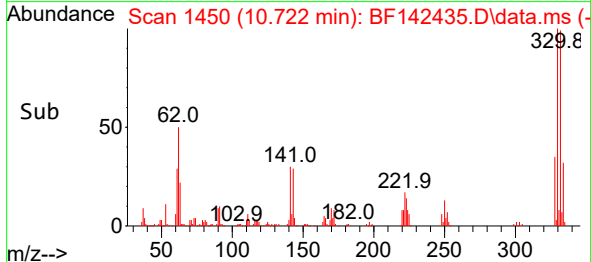
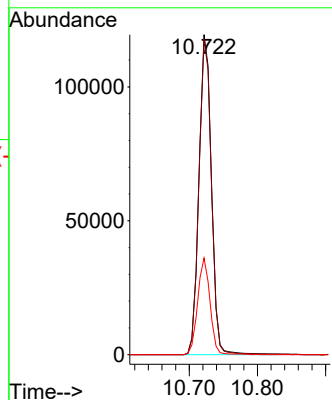
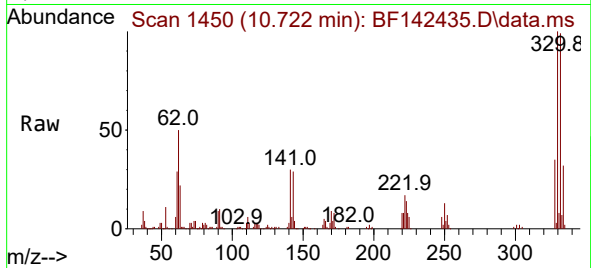




#42
2,4,6-Tribromophenol
Concen: 64.900 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF142435.D
Acq: 16 May 2025 19:11

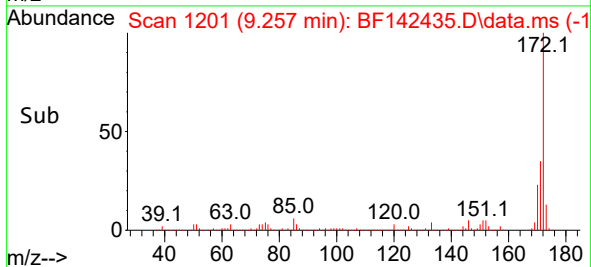
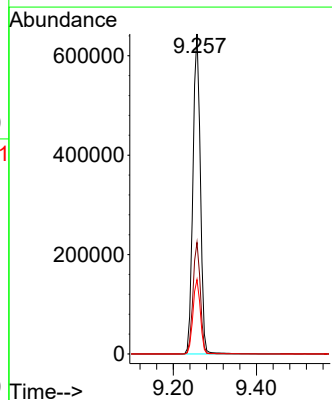
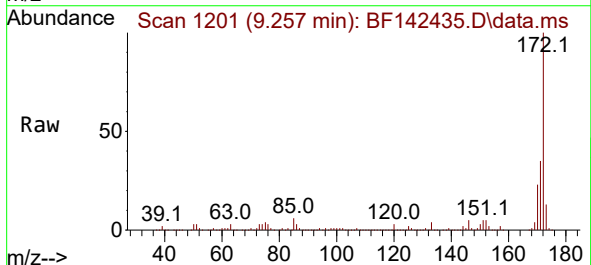
Instrument :
BNA_F
ClientSampleId :
L3-WC-4

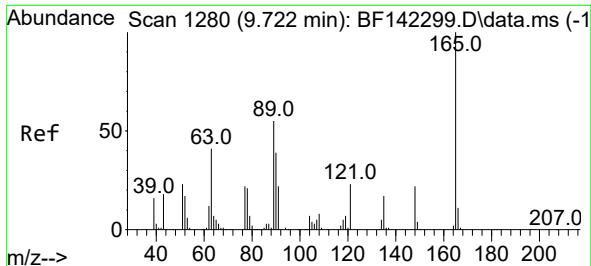
Tgt Ion:330 Resp: 152300
Ion Ratio Lower Upper
330 100
332 98.3 76.8 115.2
141 29.8 24.9 37.3



#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

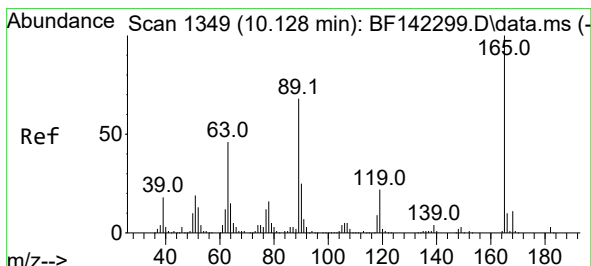
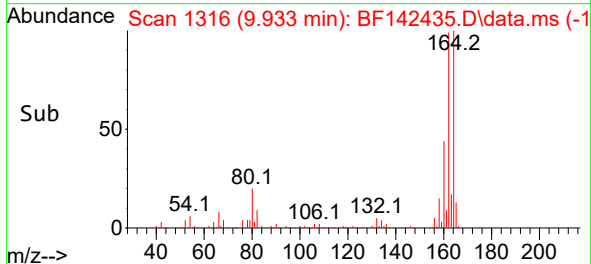
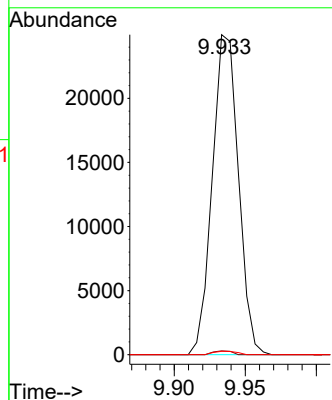
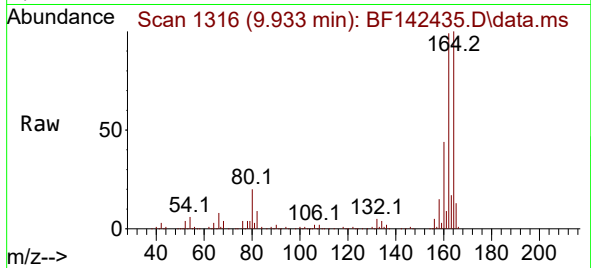




#51
2,6-Dinitrotoluene
Concen: 10.928 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF142435.D
Acq: 16 May 2025 19:11

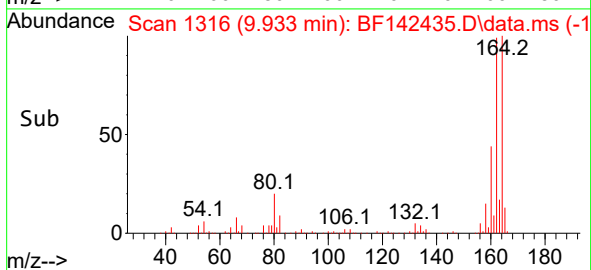
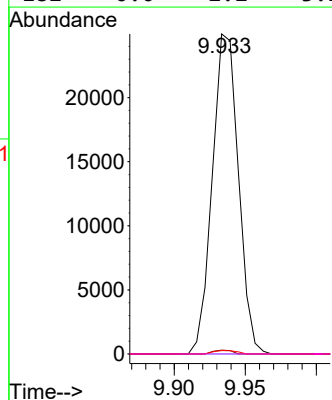
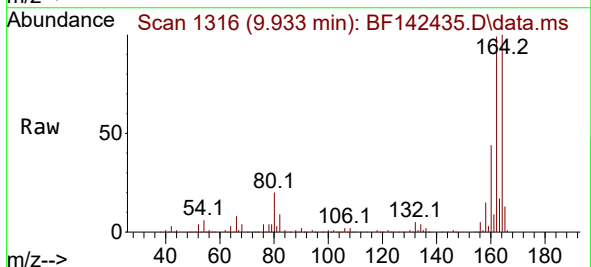
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L3-WC-4

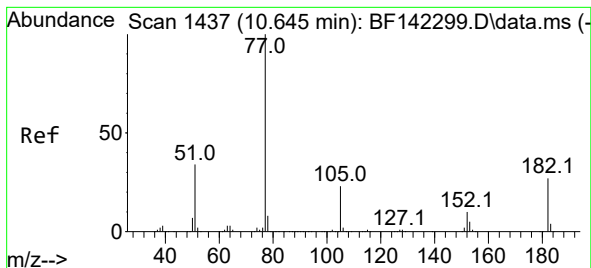
Tgt Ion:165 Resp: 31924
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.0 44.6 66.8#



#57
2,4-Dinitrotoluene
Concen: 8.519 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.194 min
Lab File: BF142435.D
Acq: 16 May 2025 19:11

Tgt Ion:165 Resp: 31924
Ion Ratio Lower Upper
165 100
63 1.2 37.1 55.7#
89 1.0 54.4 81.6#
182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 5.368 ng

RT: 10.645 min Scan# 1437

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: 77 Resp: 79953

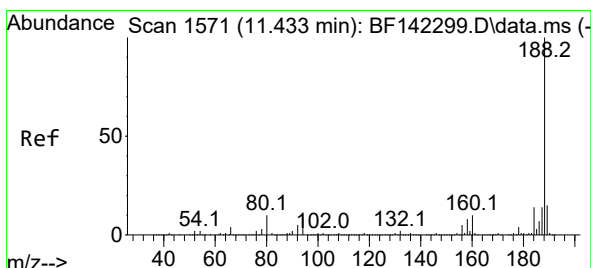
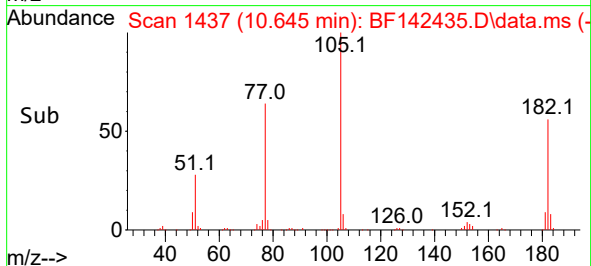
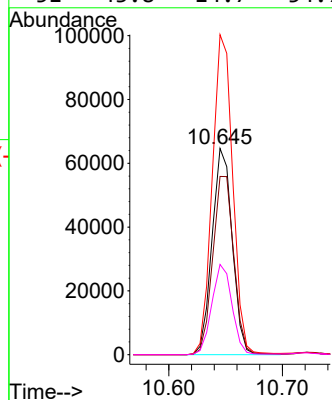
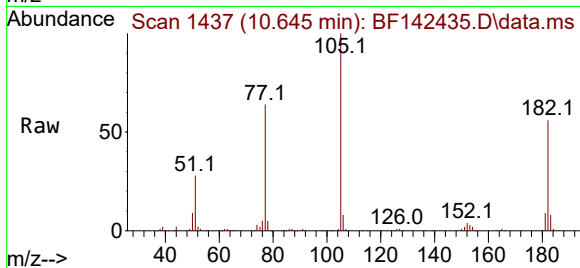
Ion Ratio Lower Upper

77 100

182 86.5 6.9 46.9#

105 155.2 2.7 42.7#

51 43.8 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: BF142435.D

Acq: 16 May 2025 19:11

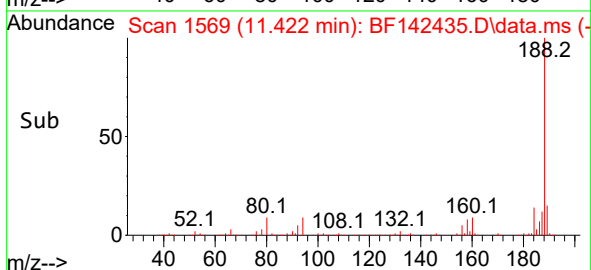
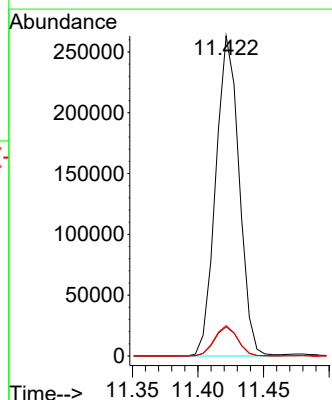
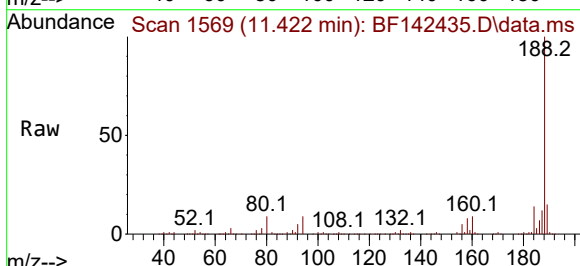
Tgt Ion:188 Resp: 325969

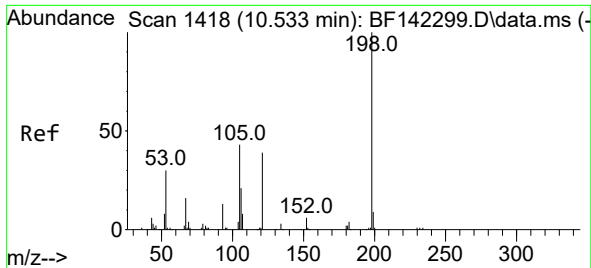
Ion Ratio Lower Upper

188 100

94 9.2 7.5 11.3

80 9.5 7.9 11.9

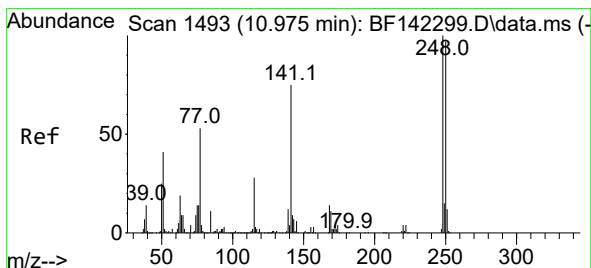
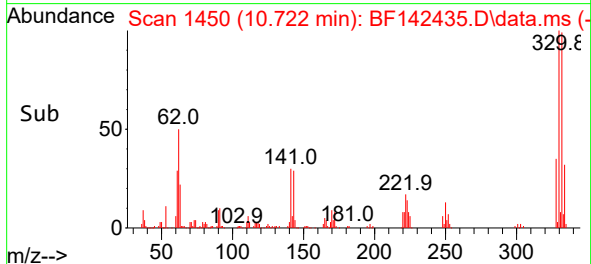
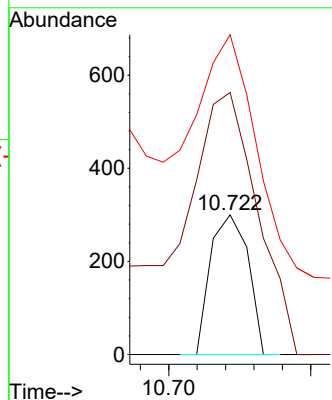
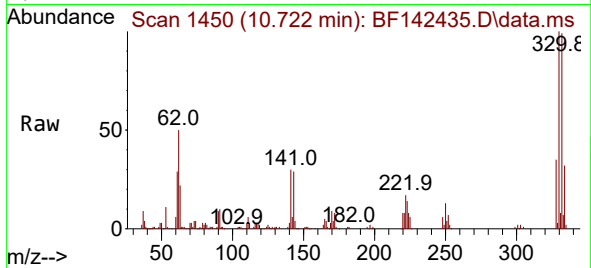




#65
4,6-Dinitro-2-methylphenol
Concen: 7.339 ng
RT: 10.722 min Scan# 1418
Delta R.T. 0.189 min
Lab File: BF142435.D
Acq: 16 May 2025 19:11

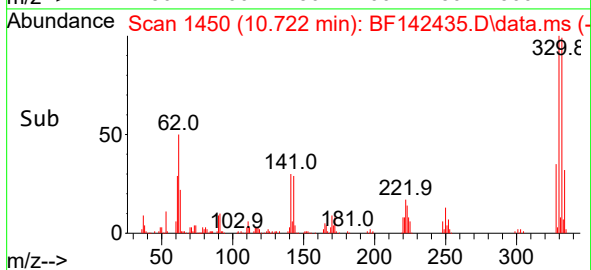
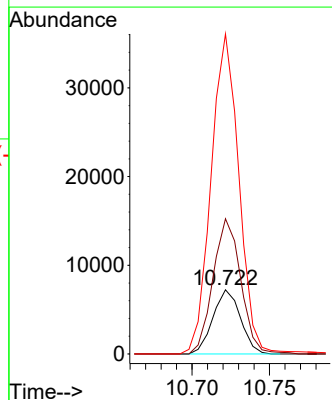
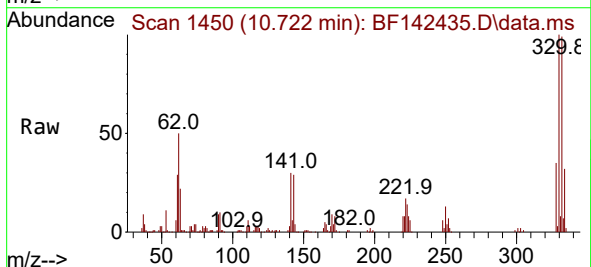
Instrument :
BNA_F
ClientSampleId :
L3-WC-4

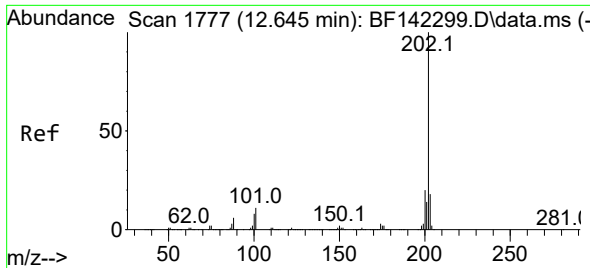
Tgt Ion:198 Resp: 276
Ion Ratio Lower Upper
198 100
51 187.7 32.9 72.9#
105 229.0 23.7 63.7#



#67
4-Bromophenyl-phenylether
Concen: 2.422 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF142435.D
Acq: 16 May 2025 19:11

Tgt Ion:248 Resp: 8948
Ion Ratio Lower Upper
248 100
250 210.8 77.9 116.9#
141 498.5 59.8 89.8#

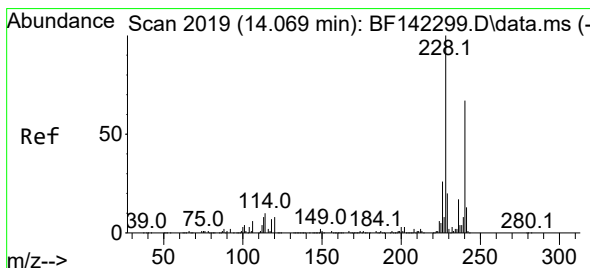
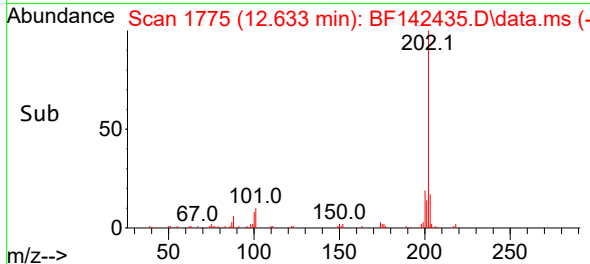
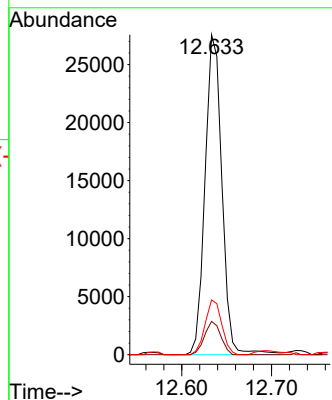
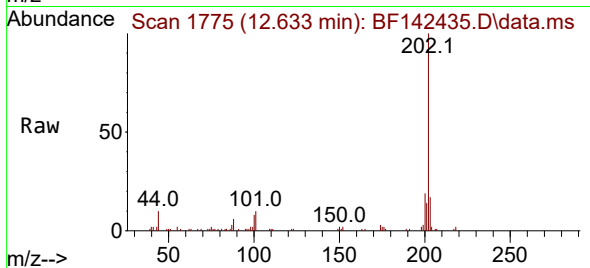




#75
Fluoranthene
Concen: 2.110 ng
RT: 12.633 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142435.D
Acq: 16 May 2025 19:11

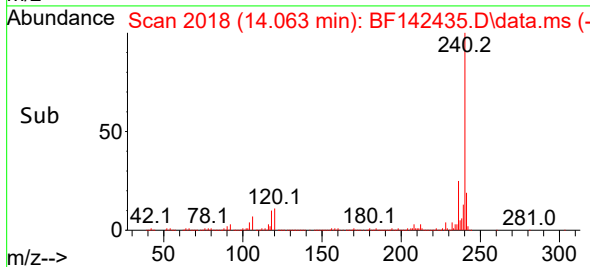
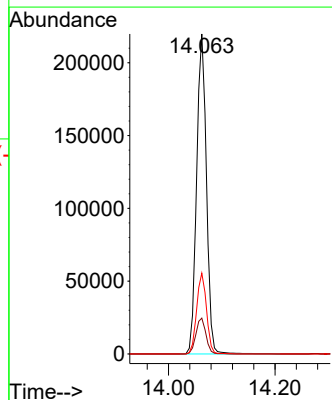
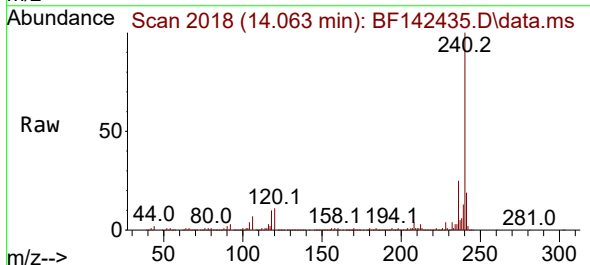
Instrument :
BNA_F
ClientSampleId :
L3-WC-4

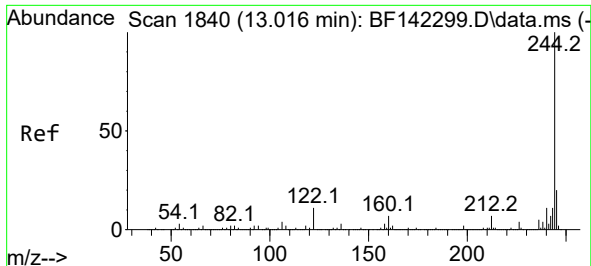
Tgt Ion:	202	Resp:	36046
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	31.4
203	17.1	0.0	37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142435.D
Acq: 16 May 2025 19:11

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

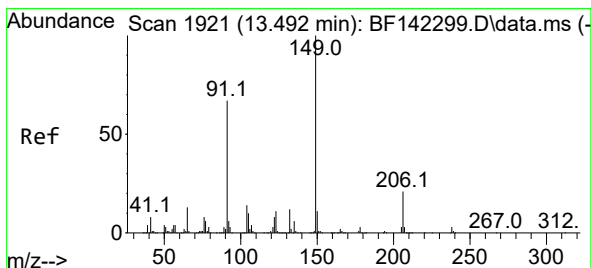
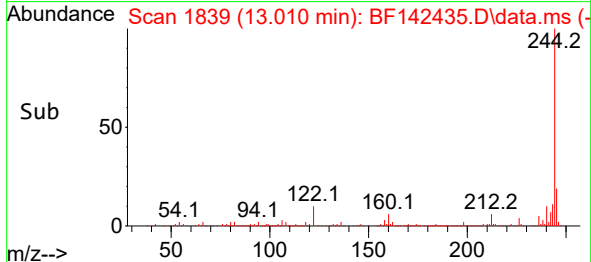
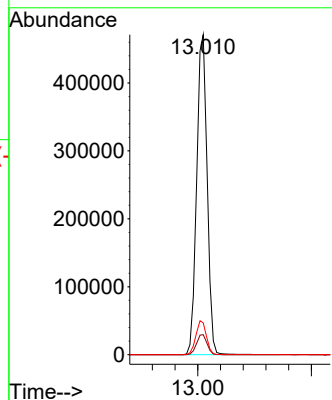
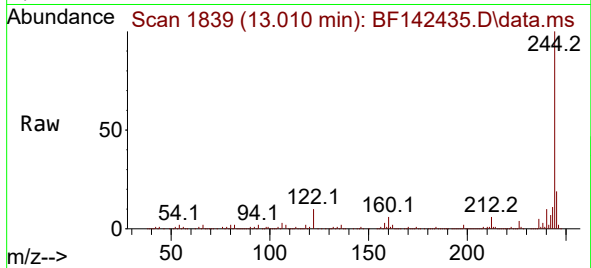




#79
 Terphenyl-d14
 Concen: 31.870 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142435.D
 Acq: 16 May 2025 19:11

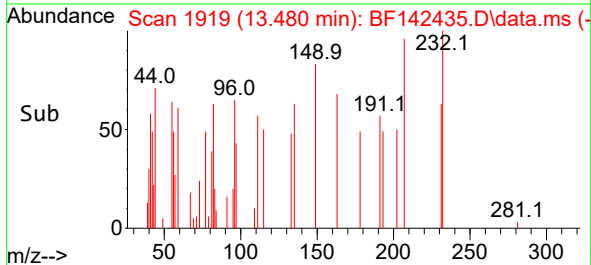
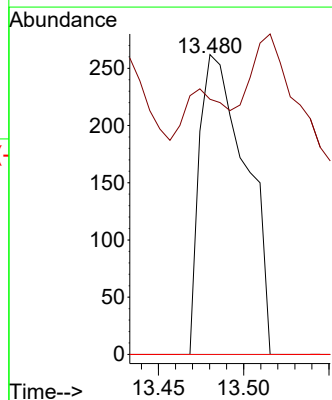
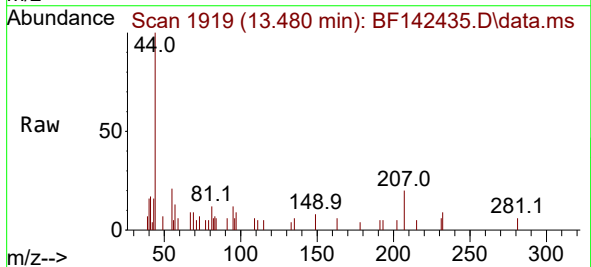
Instrument :
 BNA_F
 ClientSampleId :
 L3-WC-4

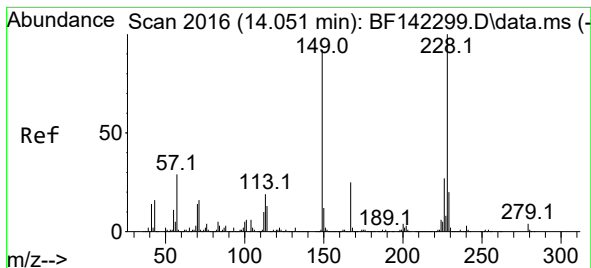
Tgt Ion:244 Resp: 606196
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.2
 122 9.9 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.722 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. -0.012 min
 Lab File: BF142435.D
 Acq: 16 May 2025 19:11

Tgt Ion:149 Resp: 494
 Ion Ratio Lower Upper
 149 100
 91 85.1 53.8 80.6#
 206 0.0 16.6 24.8#





#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

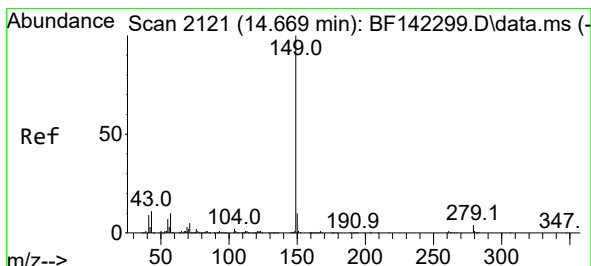
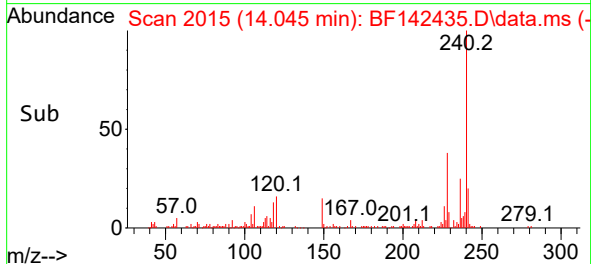
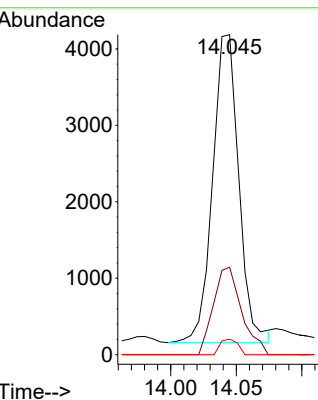
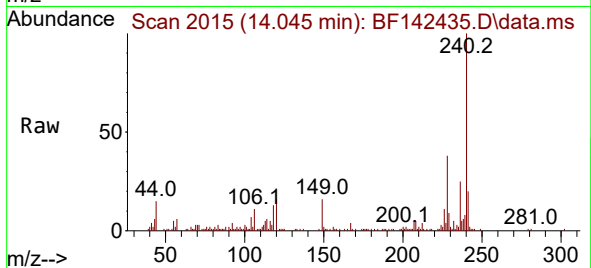
Tgt Ion:149 Resp: 5584

Ion Ratio Lower Upper

149 100

167 27.3 22.0 33.0

279 4.8 3.0 4.6#



#85

Di-n-octyl phthalate

Concen: 7.855 ng

RT: 14.657 min Scan# 2119

Delta R.T. -0.012 min

Lab File: BF142435.D

Acq: 16 May 2025 19:11

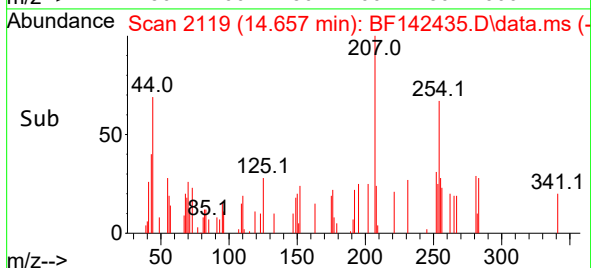
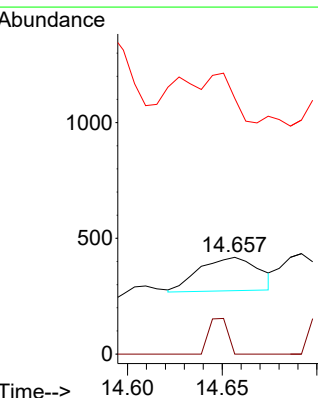
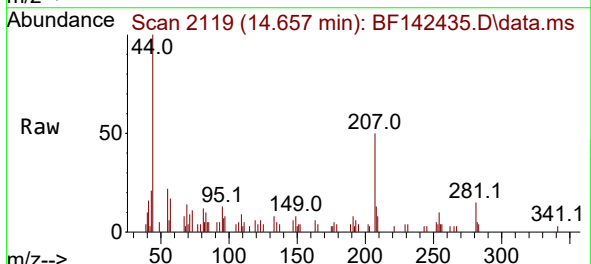
Tgt Ion:149 Resp: 316

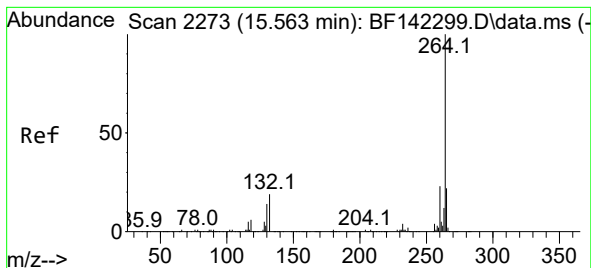
Ion Ratio Lower Upper

149 100

167 34.2 1.1 1.7#

43 0.0 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BF142435.D

Acq: 16 May 2025 19:11

Instrument :

BNA_F

ClientSampleId :

L3-WC-4

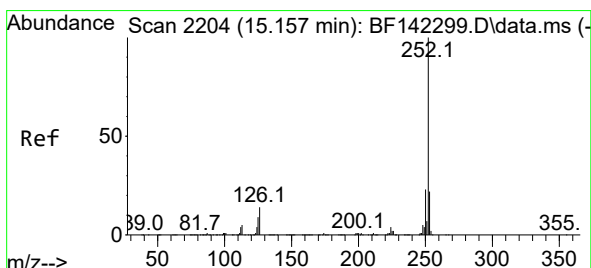
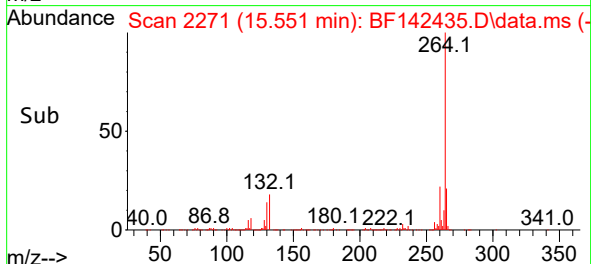
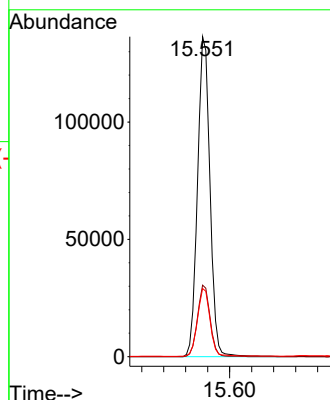
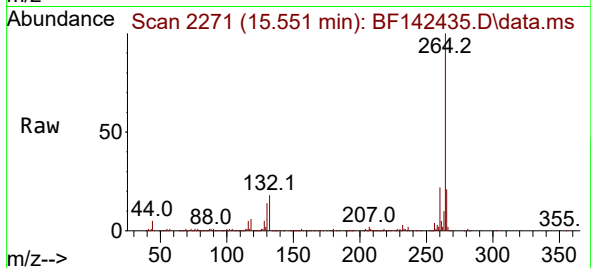
Tgt Ion:264 Resp: 214276

Ion Ratio Lower Upper

264 100

260 22.4 18.6 27.8

265 21.3 17.5 26.3



#89

Benzo(k)fluoranthene

Concen: 2.038 ng

RT: 15.115 min Scan# 2197

Delta R.T. -0.041 min

Lab File: BF142435.D

Acq: 16 May 2025 19:11

Tgt Ion:252 Resp: 24208

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 13.2 8.1 12.1#

