

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142425.D
 Acq On : 16 May 2025 14:17
 Operator : RC/JU
 Sample : Q2048-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L2-WC-2

Quant Time: May 16 14:40:15 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)

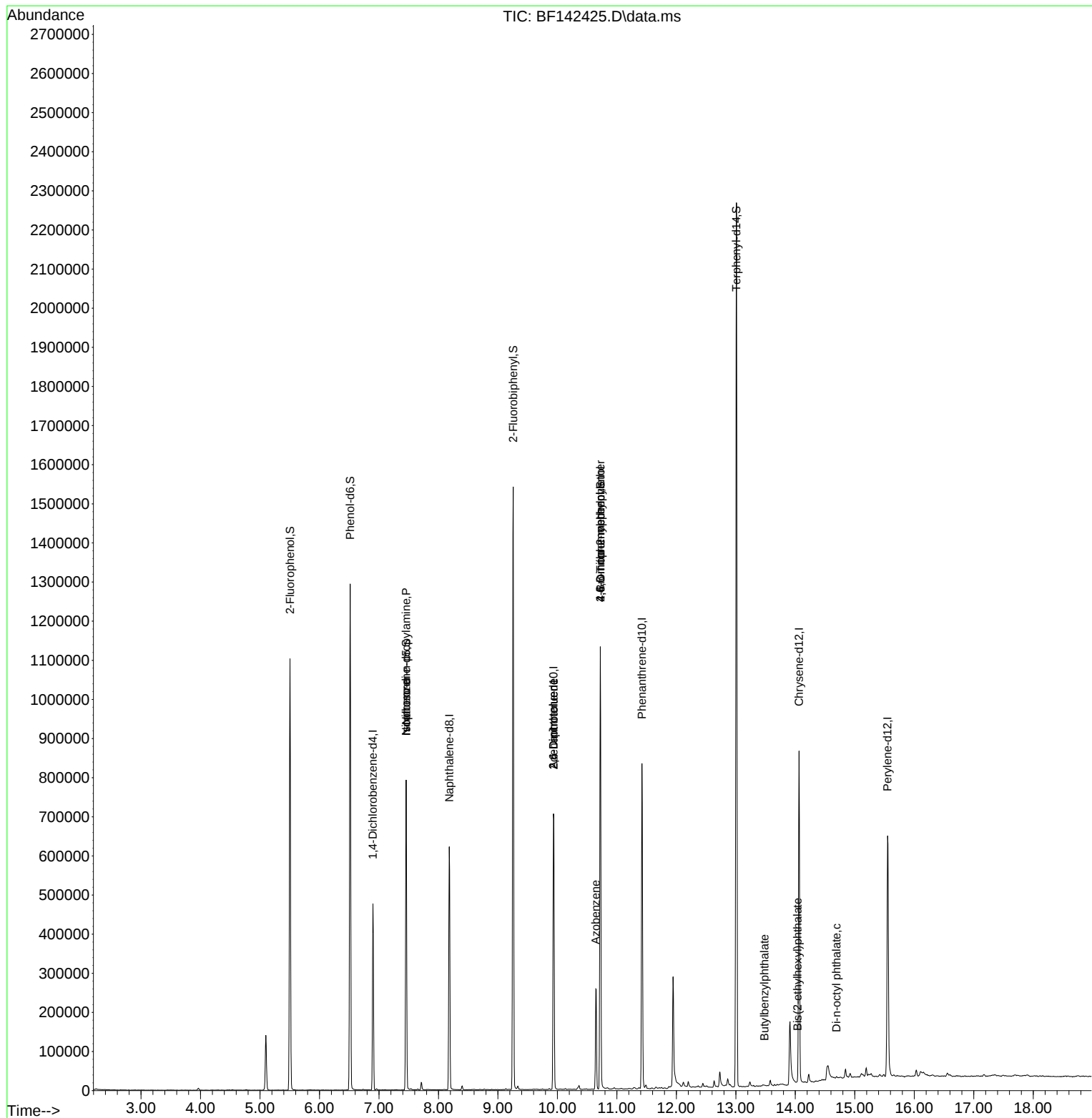
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	100998	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	395333	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	221619	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	429068	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	405516	20.000	ng	0.00
86) Perylene-d12	15.551	264	373753	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	411457	69.545	ng	0.00
7) Phenol-d6	6.516	99	578802	79.541	ng	0.00
23) Nitrobenzene-d5	7.457	82	312823	48.258	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	198875	92.946	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	692027	44.524	ng	0.00
79) Terphenyl-d14	13.010	244	1093499	39.912	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	41503	9.221	ng	# 79
25) Isophorone	7.457	82	309544	25.217	ng	# 62
51) 2,6-Dinitrotoluene	9.933	165	28230	10.598	ng	# 23
57) 2,4-Dinitrotoluene	9.933	165	28230	8.262	ng	# 25
63) Azobenzene	10.645	77	64223	4.729	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.722	198	283	7.305	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	11930	2.453	ng	# 1
80) Butylbenzylphthalate	13.480	149	177	3.675	ng	# 30
84) Bis(2-ethylhexyl)phtha...	14.039	149	2027	4.372	ng	# 92
85) Di-n-octyl phthalate	14.692	149	676	7.863	ng	# 58

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

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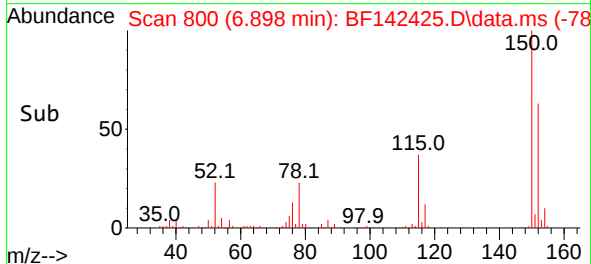
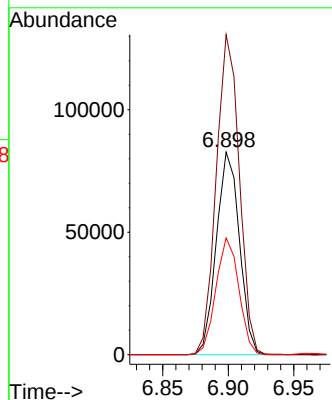
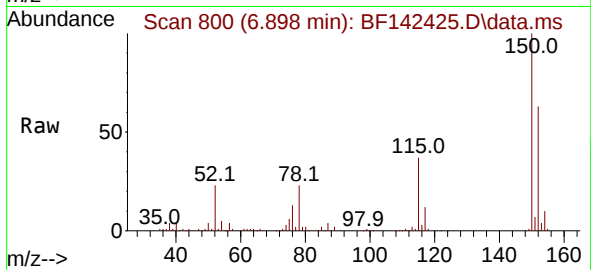




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

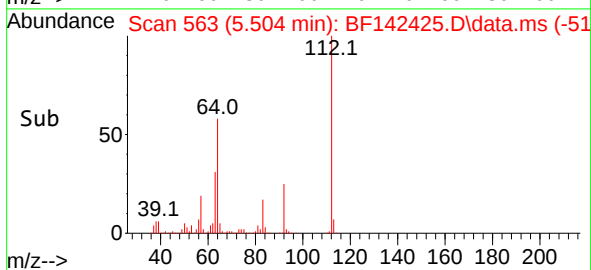
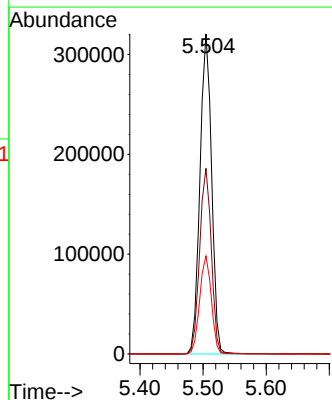
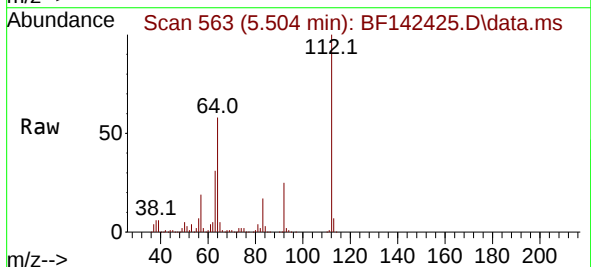
Instrument :
BNA_F
ClientSampleId :
L2-WC-2

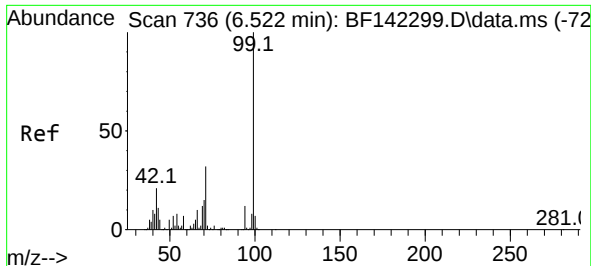
Tgt Ion:152 Resp: 100998
Ion Ratio Lower Upper
152 100
150 158.0 126.6 190.0
115 57.7 47.3 70.9



#5
2-Fluorophenol
Concen: 69.545 ng
RT: 5.504 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

Tgt Ion:112 Resp: 411457
Ion Ratio Lower Upper
112 100
64 58.0 48.9 73.3
63 30.6 25.6 38.4

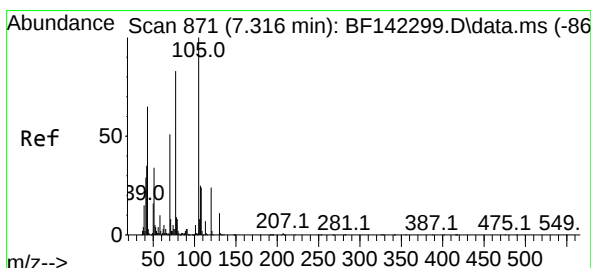
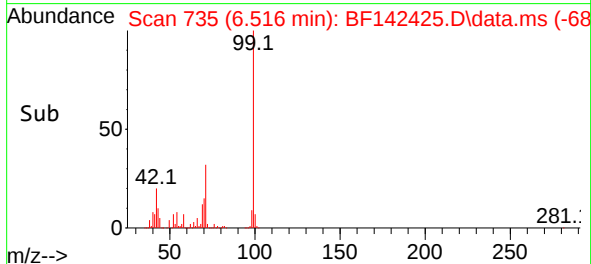
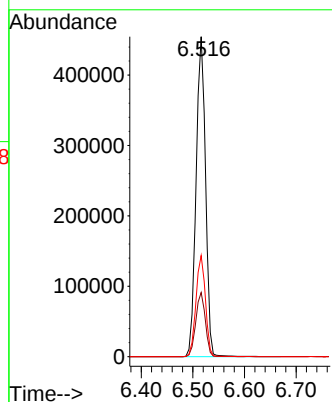
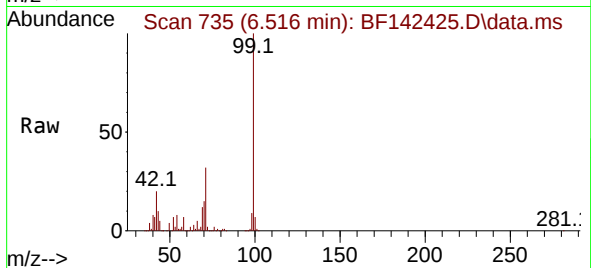




#7
Phenol-d6
Concen: 79.541 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

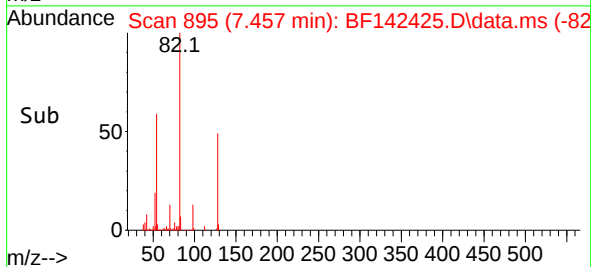
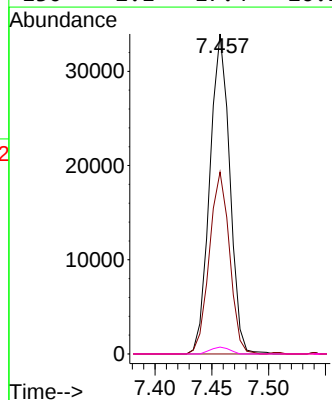
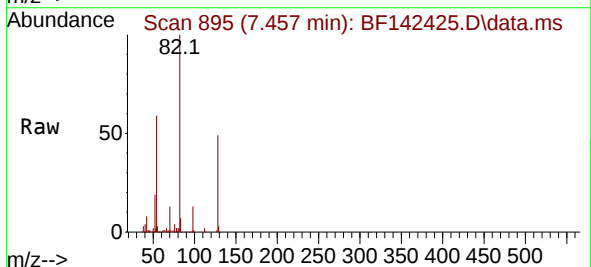
Instrument :
BNA_F
ClientSampleId :
L2-WC-2

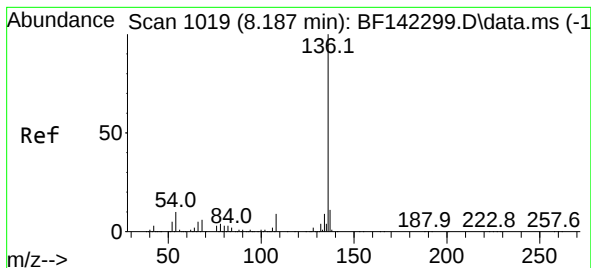
Tgt Ion: 99 Resp: 578802
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.4
71 31.6 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 9.221 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

Tgt Ion: 70 Resp: 41503
Ion Ratio Lower Upper
70 100
42 56.8 54.8 82.2
101 0.0 7.7 11.5#
130 2.1 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: BF142425.D

Acq: 16 May 2025 14:17

Instrument :

BNA_F

ClientSampleId :

L2-WC-2

Tgt Ion:136 Resp: 395333

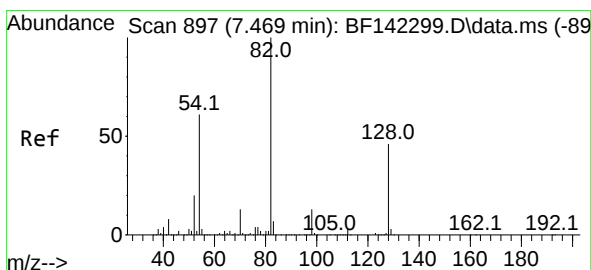
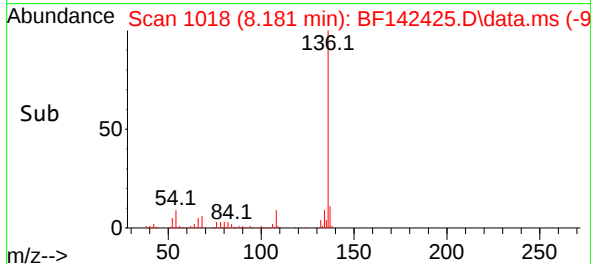
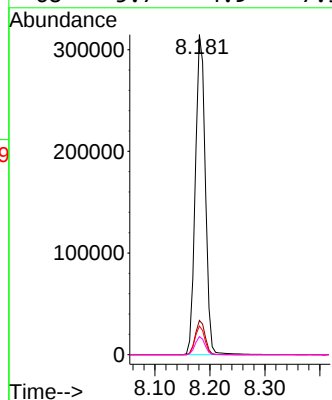
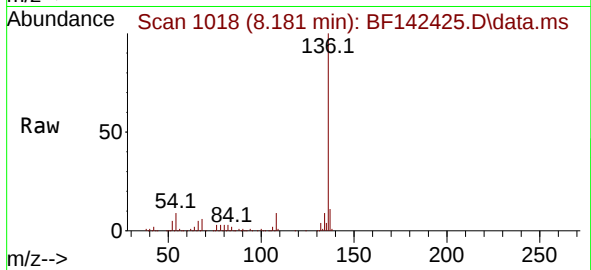
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.0 7.7 11.5

68 5.7 4.9 7.3



#23

Nitrobenzene-d5

Concen: 48.258 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF142425.D

Acq: 16 May 2025 14:17

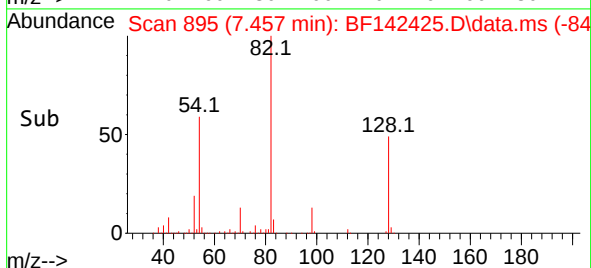
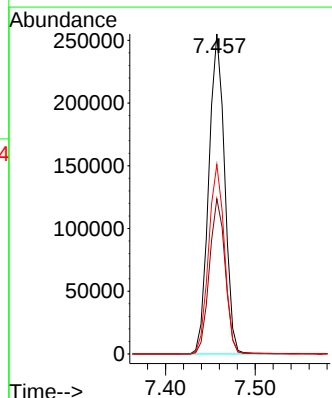
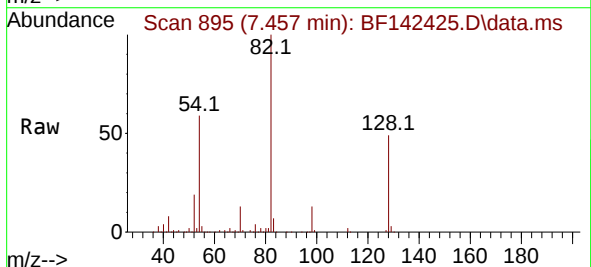
Tgt Ion: 82 Resp: 312823

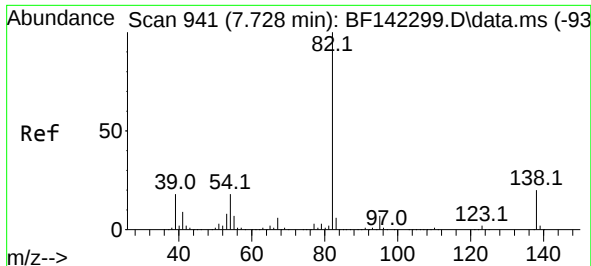
Ion Ratio Lower Upper

82 100

128 48.5 37.0 55.6

54 59.2 48.6 73.0

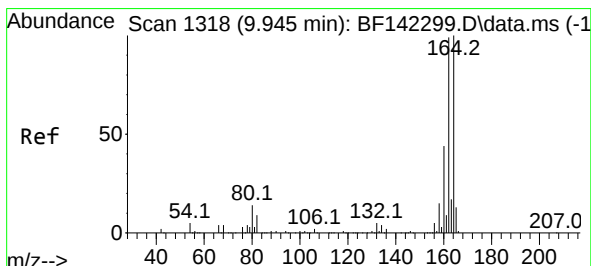
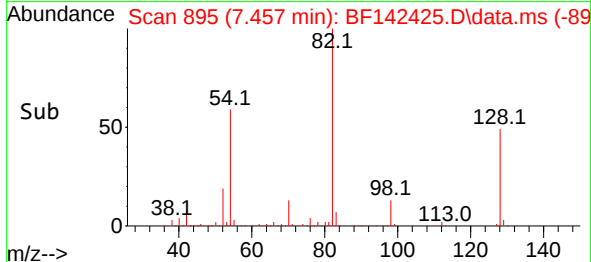
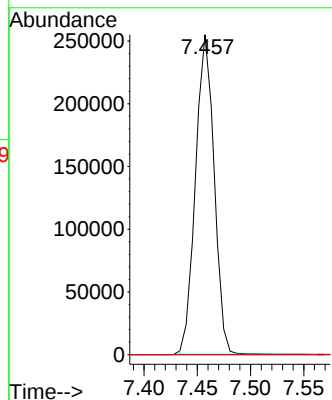
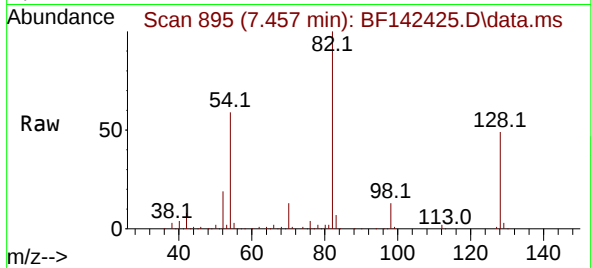




#25
Isophorone
Concen: 25.217 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

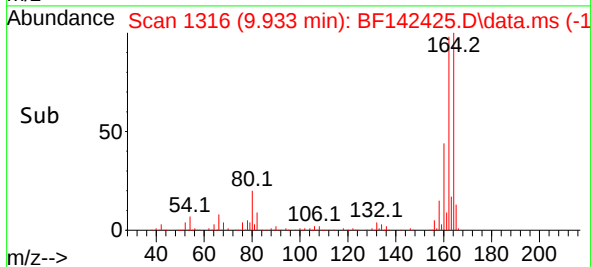
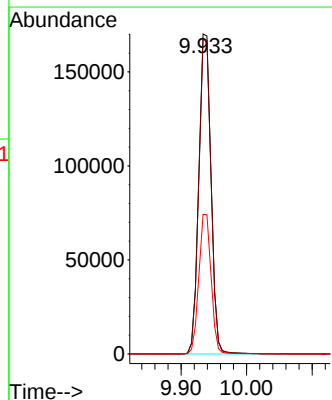
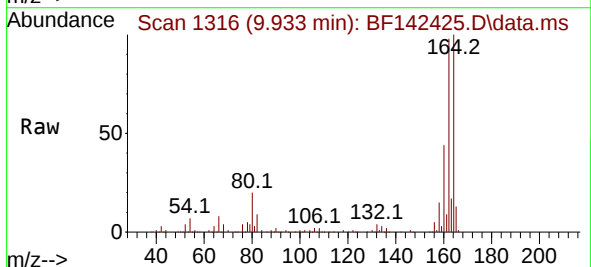
Instrument :
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ClientSampleId :
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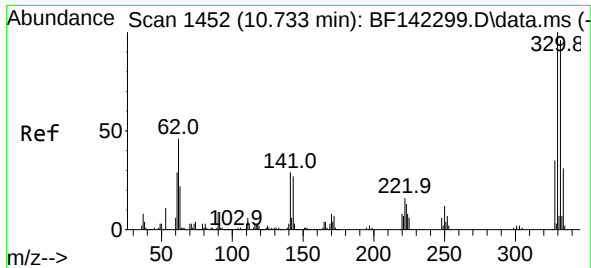
Tgt Ion: 82 Resp: 309544
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

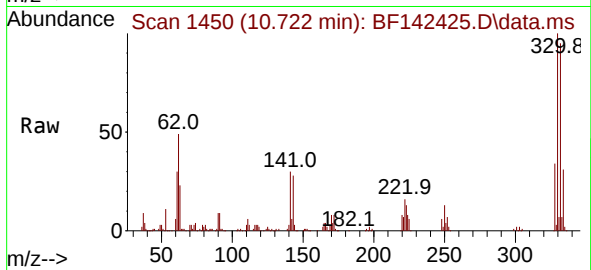
Tgt Ion:164 Resp: 221619
Ion Ratio Lower Upper
164 100
162 98.3 79.2 118.8
160 43.7 35.3 52.9



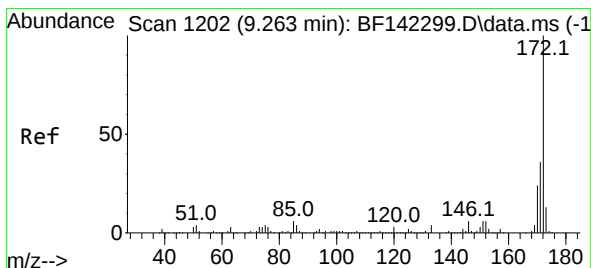
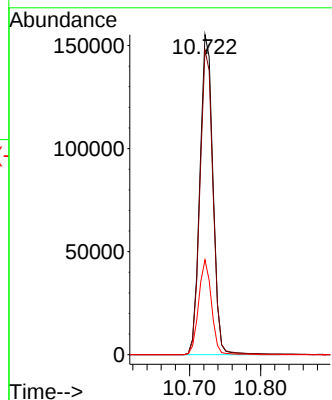
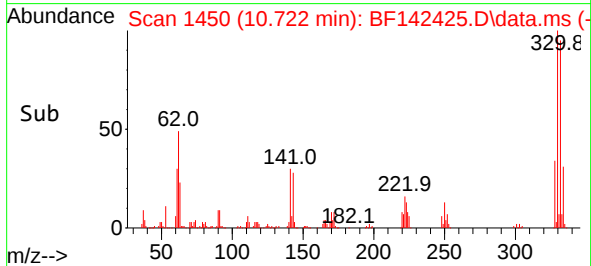


#42
2,4,6-Tribromophenol
Concen: 92.946 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

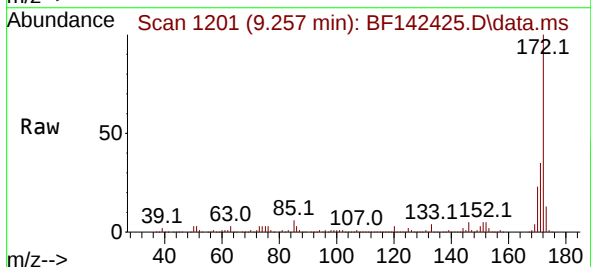
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BNA_F
ClientSampleId :
L2-WC-2



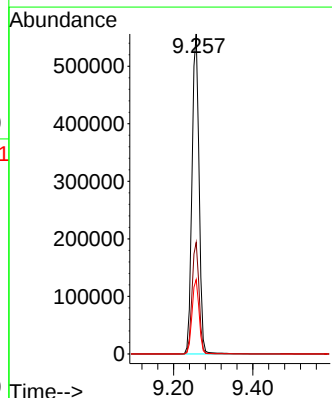
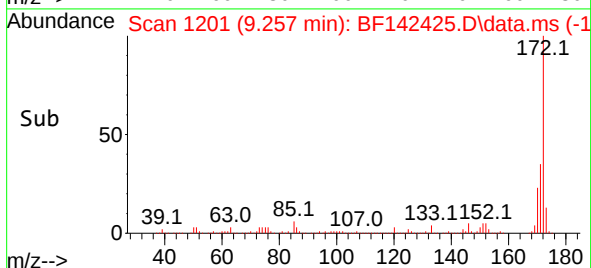
Tgt Ion: 330 Resp: 198875
Ion Ratio Lower Upper
330 100
332 95.8 76.8 115.2
141 29.0 24.9 37.3

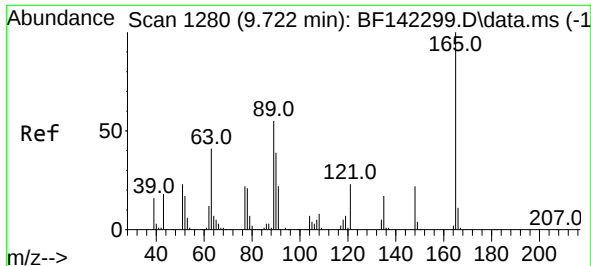


#45
2-Fluorobiphenyl
Concen: 44.524 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17



Tgt Ion: 172 Resp: 692027
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.3 19.0 28.4

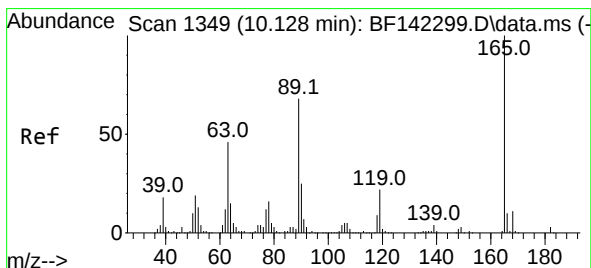
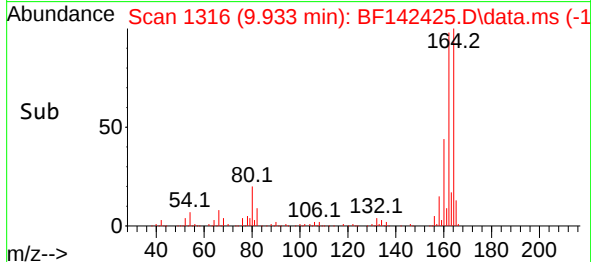
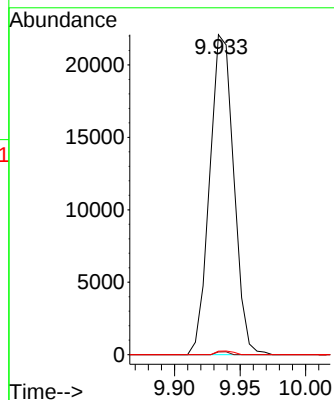
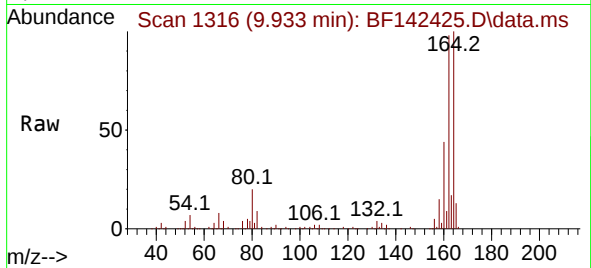




#51
2,6-Dinitrotoluene
Concen: 10.598 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

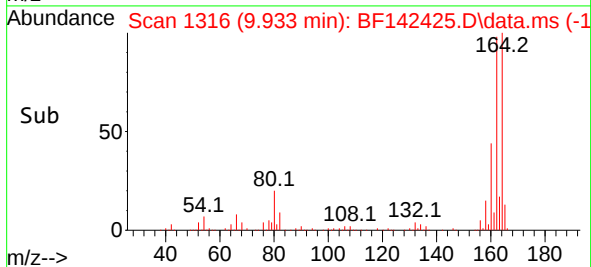
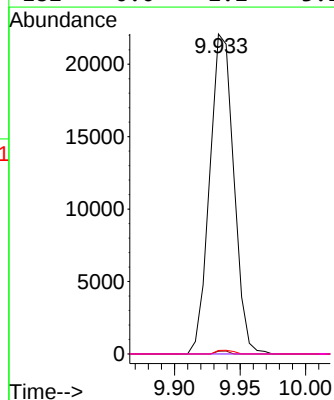
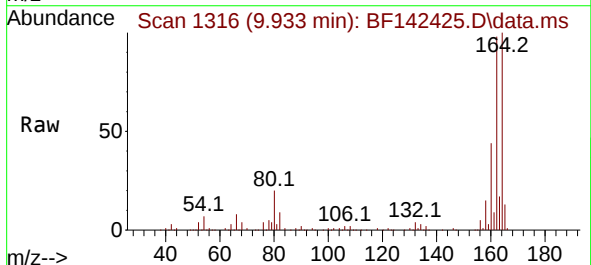
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BNA_F
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L2-WC-2

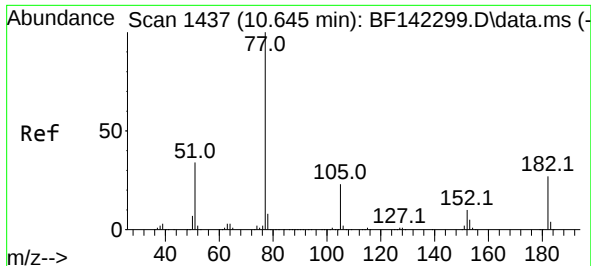
Tgt Ion:165 Resp: 28230
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.1 44.6 66.8#



#57
2,4-Dinitrotoluene
Concen: 8.262 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.194 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

Tgt Ion:165 Resp: 28230
Ion Ratio Lower Upper
165 100
63 0.9 37.1 55.7#
89 1.1 54.4 81.6#
182 0.0 2.2 3.2#

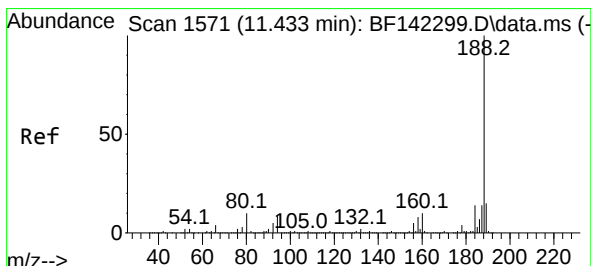
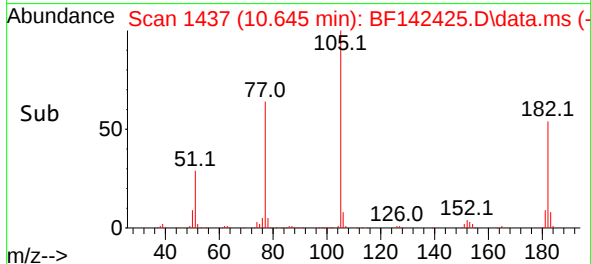
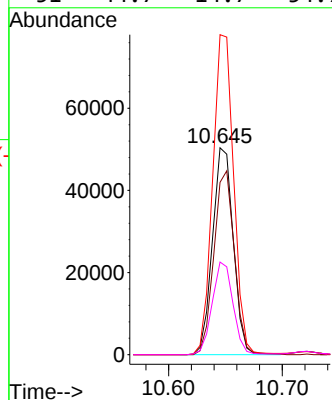
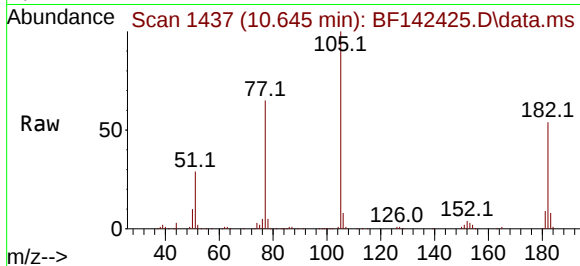




#63
Azobenzene
Concen: 4.729 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

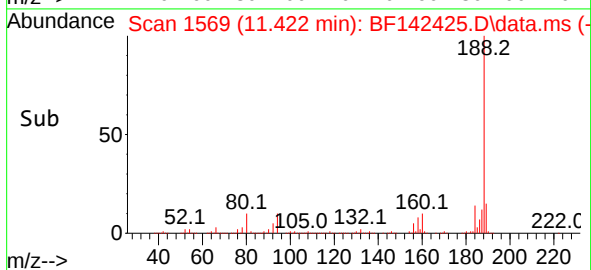
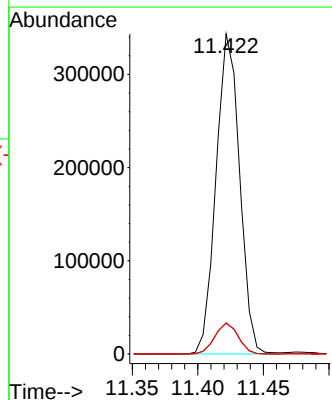
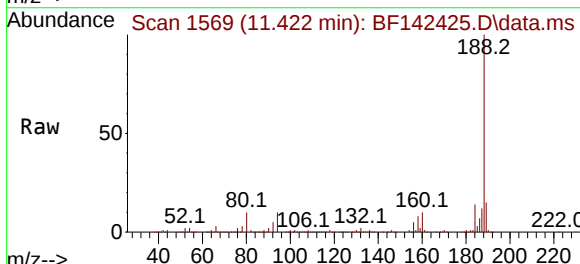
Instrument :
BNA_F
ClientSampleId :
L2-WC-2

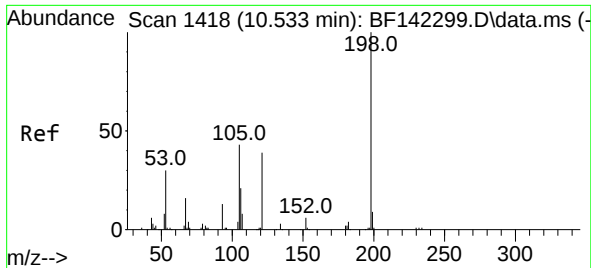
Tgt Ion: 77 Resp: 64223
Ion Ratio Lower Upper
77 100
182 83.3 6.9 46.9#
105 154.6 2.7 42.7#
51 44.7 14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

Tgt Ion: 188 Resp: 429068
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 9.6 7.9 11.9

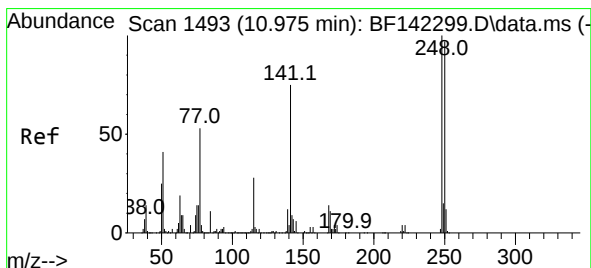
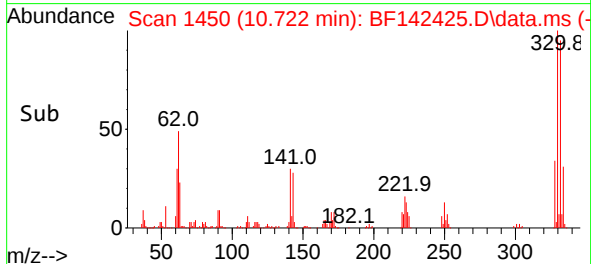
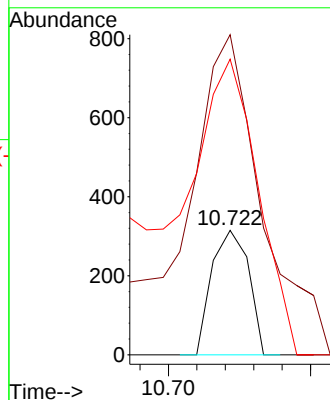
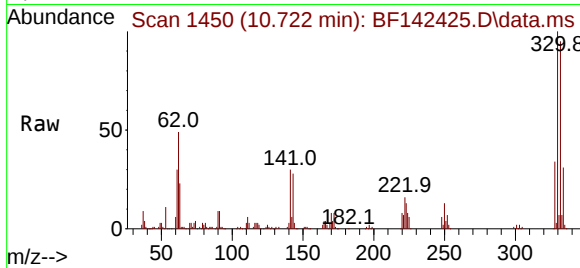




#65
4,6-Dinitro-2-methylphenol
Concen: 7.305 ng
RT: 10.722 min Scan# 1418
Delta R.T. 0.189 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

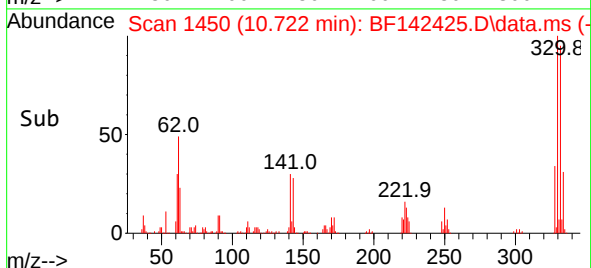
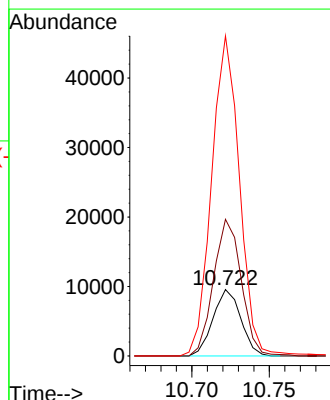
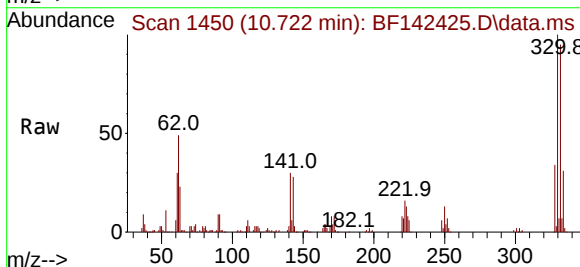
Instrument :
BNA_F
ClientSampleId :
L2-WC-2

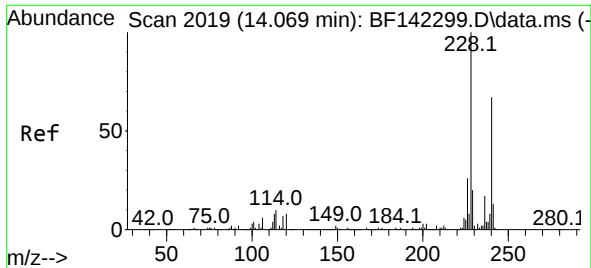
Tgt Ion:198 Resp: 283
Ion Ratio Lower Upper
198 100
51 257.1 32.9 72.9#
105 237.5 23.7 63.7#



#67
4-Bromophenyl-phenylether
Concen: 2.453 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

Tgt Ion:248 Resp: 11930
Ion Ratio Lower Upper
248 100
250 206.0 77.9 116.9#
141 482.4 59.8 89.8#

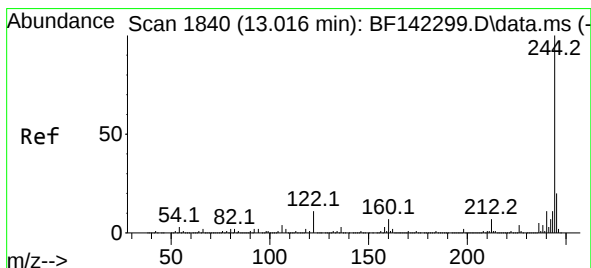
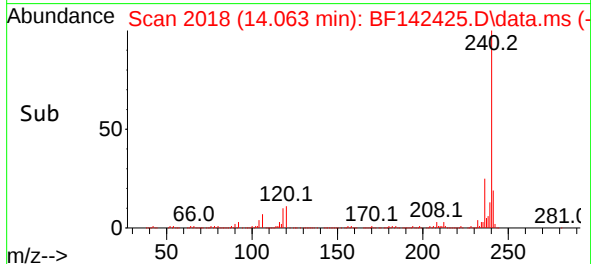
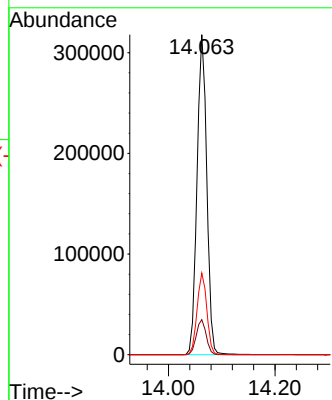
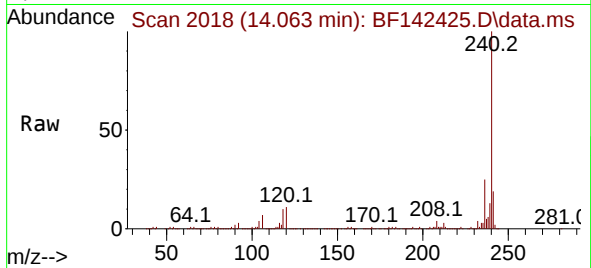




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

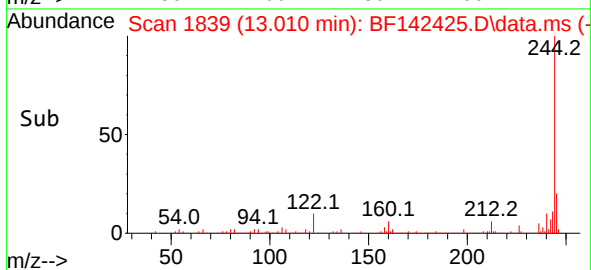
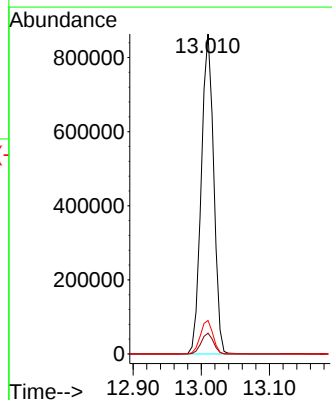
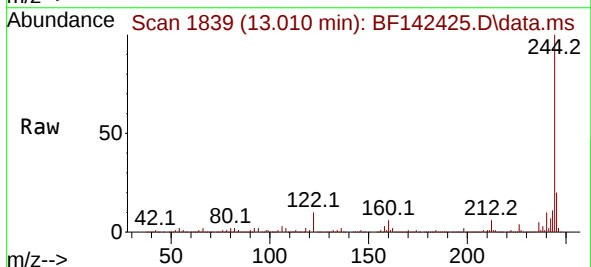
Instrument :
BNA_F
ClientSampleId :
L2-WC-2

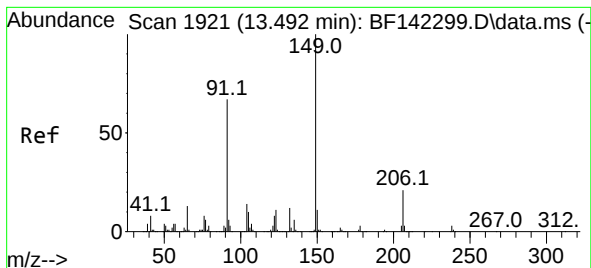
Tgt Ion:240 Resp: 405516
Ion Ratio Lower Upper
240 100
120 10.9 9.7 14.5
236 25.5 20.0 30.0



#79
Terphenyl-d14
Concen: 39.912 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

Tgt Ion:244 Resp: 1093499
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 10.4 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.675 ng

RT: 13.480 min Scan# 1919

Delta R.T. -0.012 min

Lab File: BF142425.D

Acq: 16 May 2025 14:17

Instrument :

BNA_F

ClientSampleId :

L2-WC-2

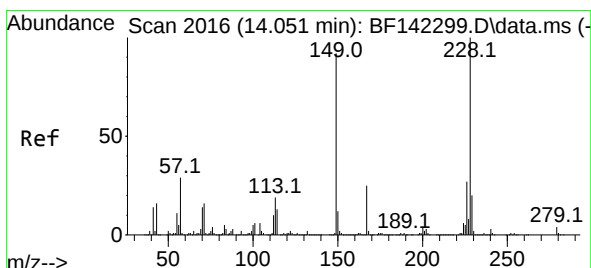
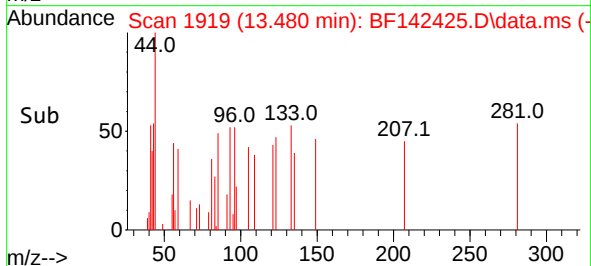
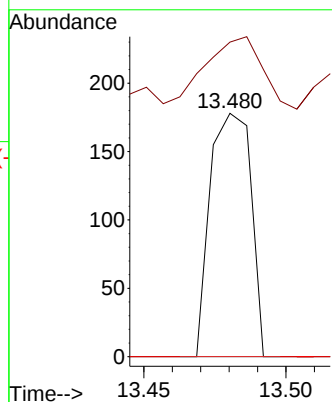
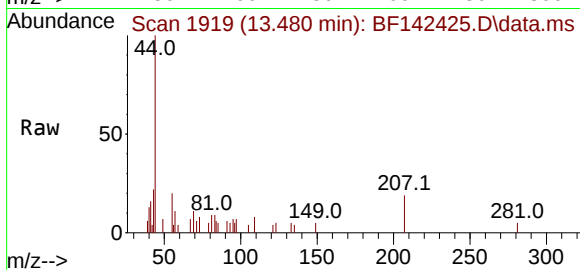
Tgt Ion:149 Resp: 177

Ion Ratio Lower Upper

149 100

91 129.2 53.8 80.6#

206 0.0 16.6 24.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.372 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF142425.D

Acq: 16 May 2025 14:17

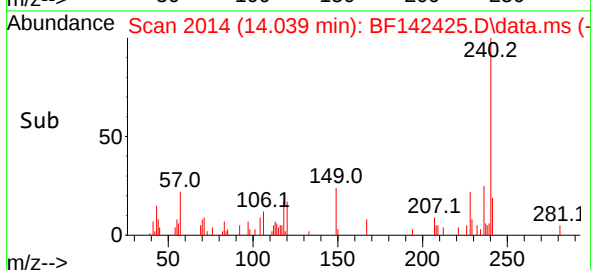
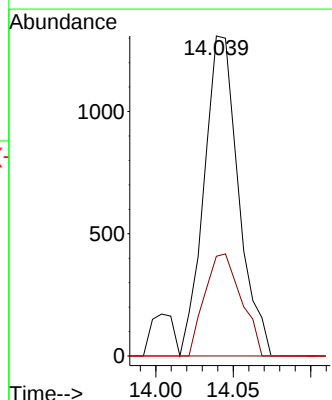
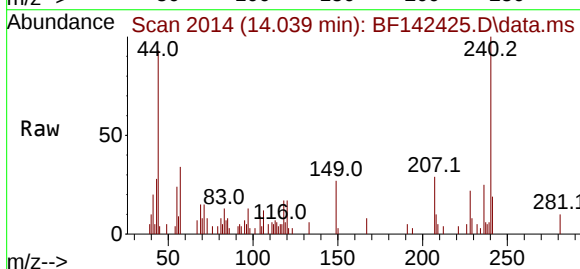
Tgt Ion:149 Resp: 2027

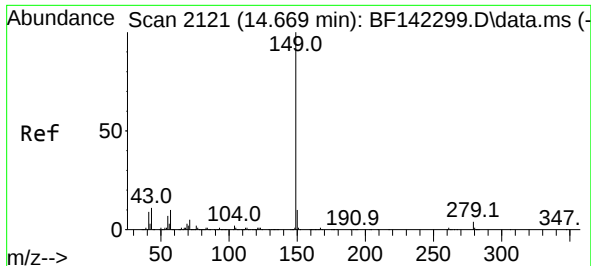
Ion Ratio Lower Upper

149 100

167 31.2 22.0 33.0

279 0.0 3.0 4.6#

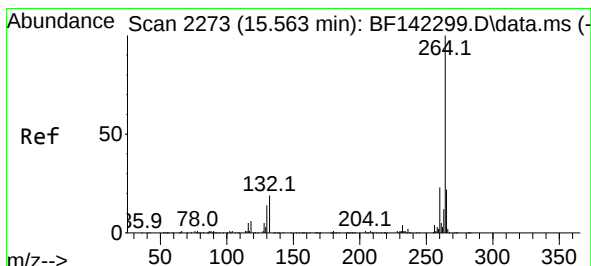
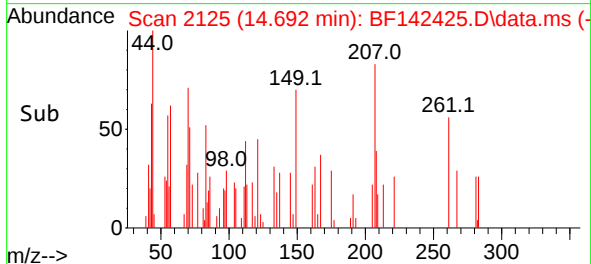
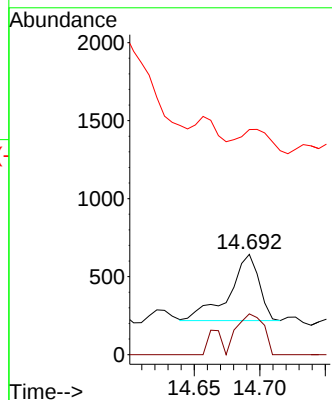
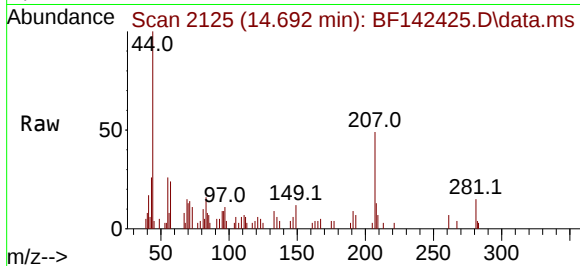




#85
Di-n-octyl phthalate
Concen: 7.863 ng
RT: 14.692 min Scan# 2121
Delta R.T. 0.023 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

Instrument :
BNA_F
ClientSampleId :
L2-WC-2

Tgt Ion:149 Resp: 676
Ion Ratio Lower Upper
149 100
167 55.2 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: BF142425.D
Acq: 16 May 2025 14:17

Tgt Ion:264 Resp: 373753
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 21.6 17.5 26.3

