

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)

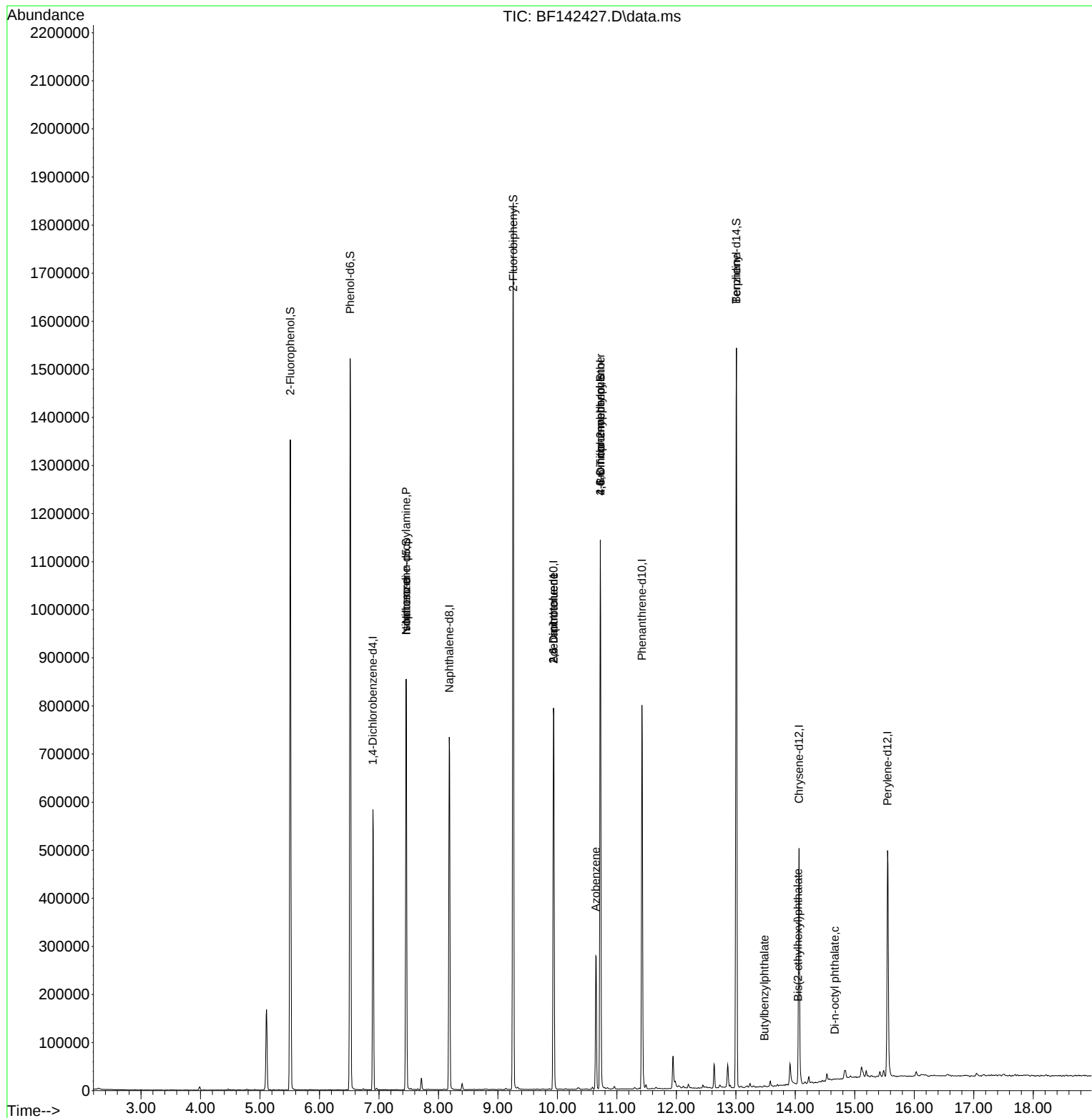
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	127152	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	470965	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	248036	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	419557	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	232582	20.000	ng	0.00
86) Perylene-d12	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						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	45696	8.064	ng	# 77
25) Isophorone	7.457	82	337061	23.049	ng	# 62
51) 2,6-Dinitrotoluene	9.933	165	31738	10.646	ng	# 23
57) 2,4-Dinitrotoluene	9.933	165	31738	8.299	ng	# 25
63) Azobenzene	10.645	77	69762	4.590	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.722	198	255	7.296	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	12317	2.590	ng	# 1
77) Benzidine	13.010	184	9374	2.218	ng	# 96
80) Butylbenzylphthalate	13.480	149	1069	3.823	ng	# 88
84) Bis(2-ethylhexyl)phtha...	14.045	149	3268	4.616	ng	# 94
85) Di-n-octyl phthalate	14.662	149	423	7.865	ng	# 73

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

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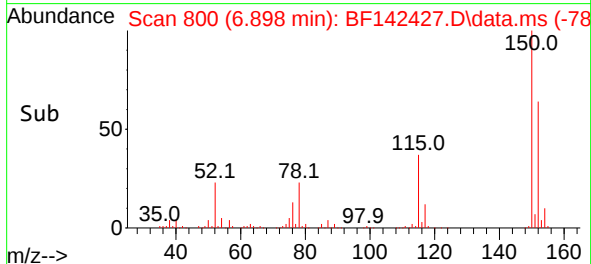
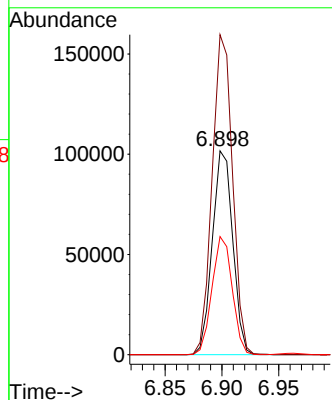
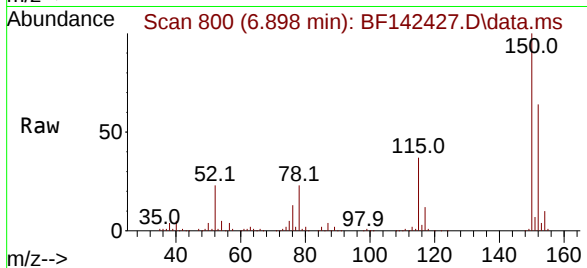




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

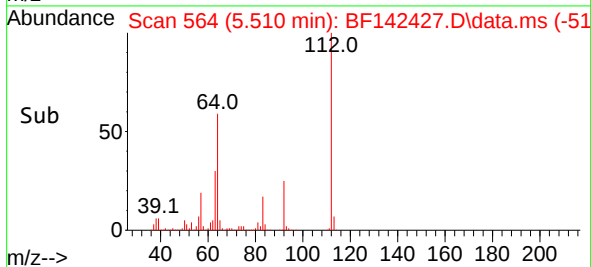
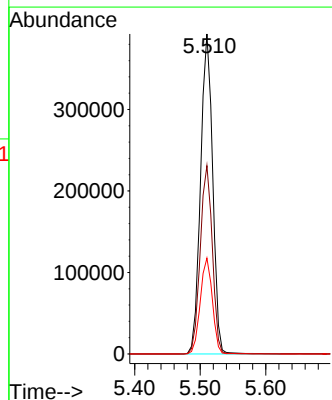
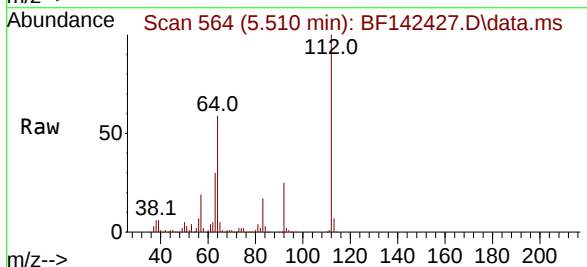
Instrument :
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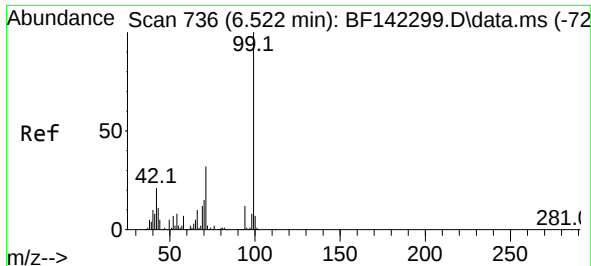
Tgt Ion:152 Resp: 127152
Ion Ratio Lower Upper
152 100
150 157.0 126.6 190.0
115 57.9 47.3 70.9



#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

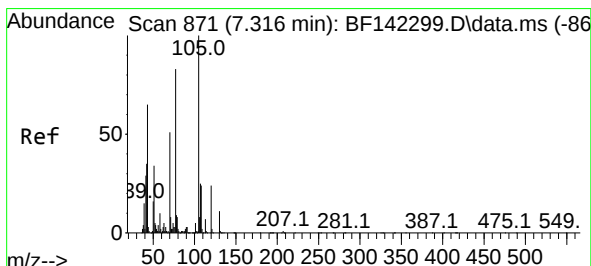
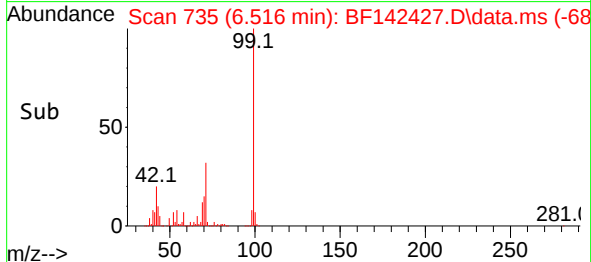
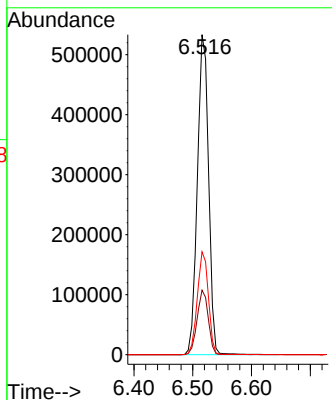
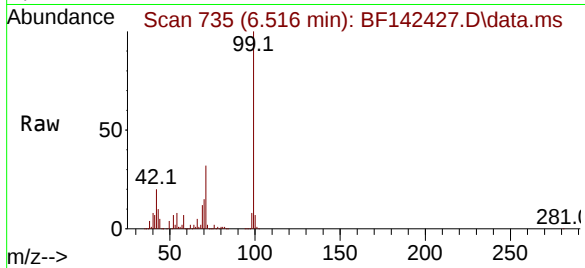




#7
Phenol-d6
Concen: 77.050 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

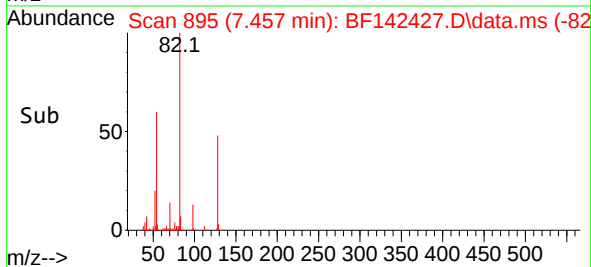
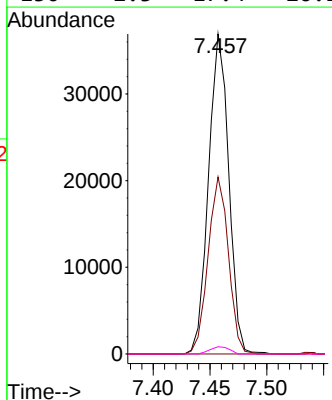
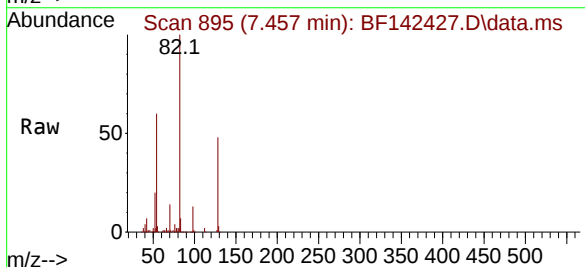
Instrument :
BNA_F
ClientSampleId :
L3-WC-1

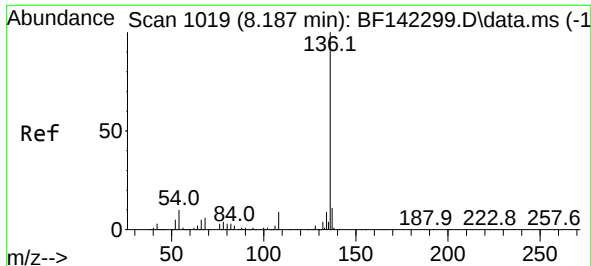
Tgt Ion: 99 Resp: 705862
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.4
71 32.2 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 8.064 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

Tgt Ion: 70 Resp: 45696
Ion Ratio Lower Upper
70 100
42 55.3 54.8 82.2
101 0.0 7.7 11.5#
130 2.3 17.4 26.2#

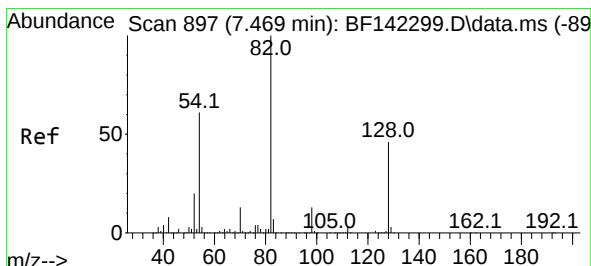
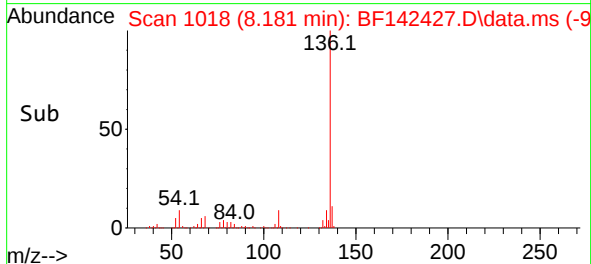
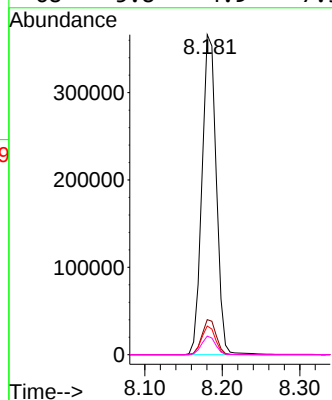
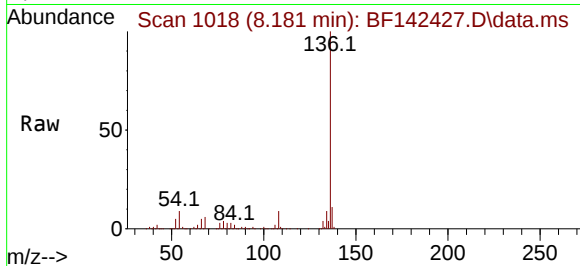




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

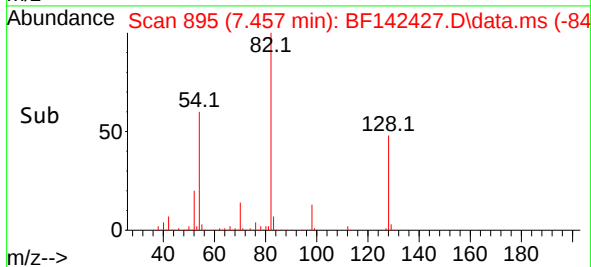
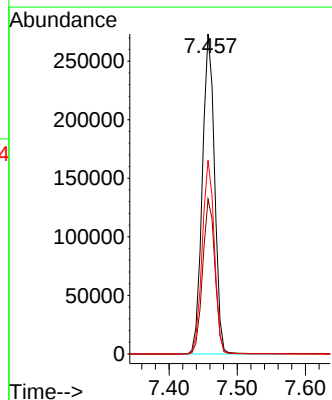
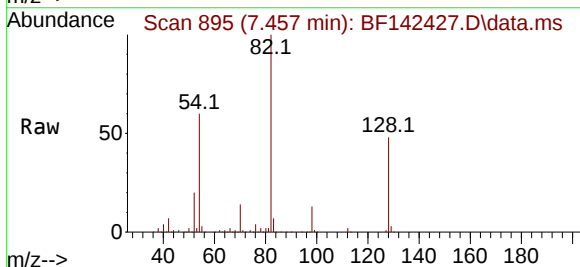
Instrument :
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ClientSampleId :
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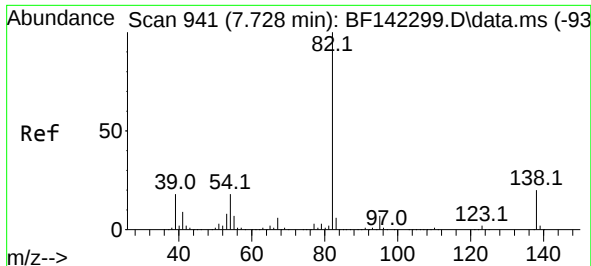
Tgt Ion:	136	Resp:	470965
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.0	7.7	11.5
68	5.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 44.101 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

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

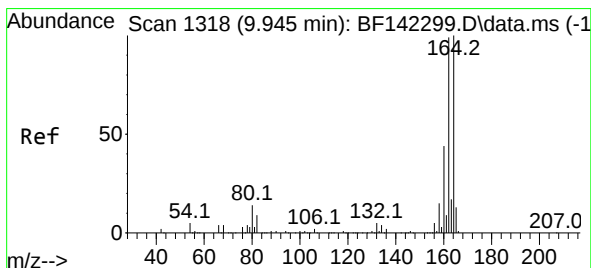
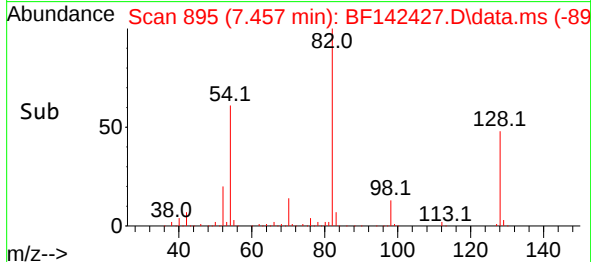
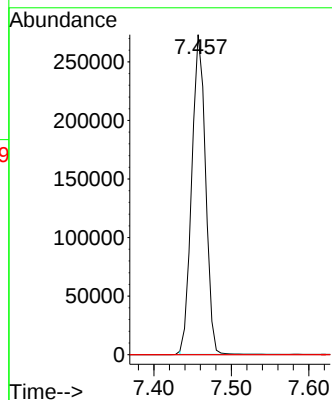
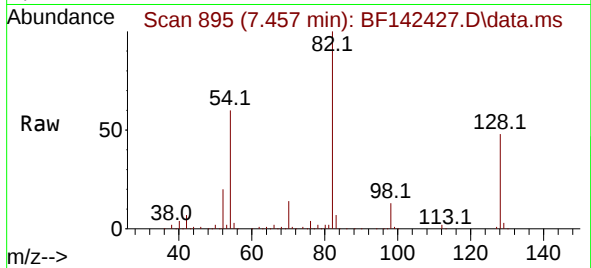




#25
Isophorone
Concen: 23.049 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

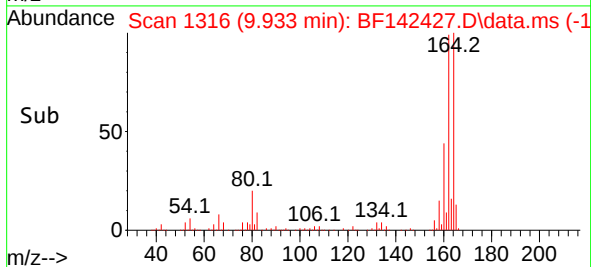
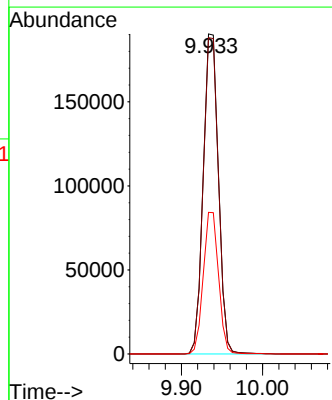
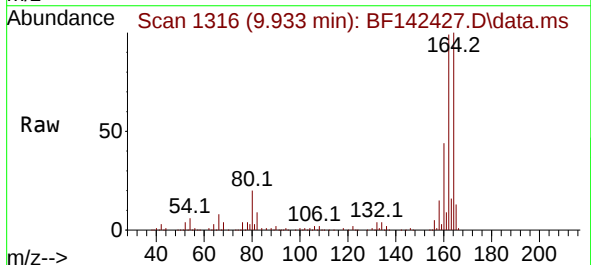
Instrument :
BNA_F
ClientSampleId :
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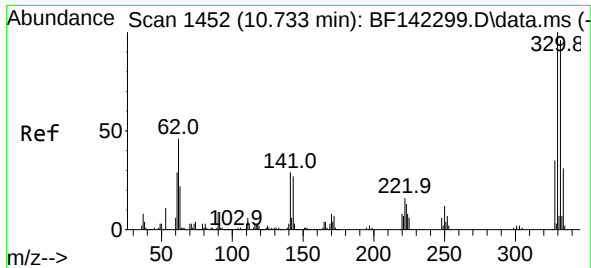
Tgt Ion: 82 Resp: 337061
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

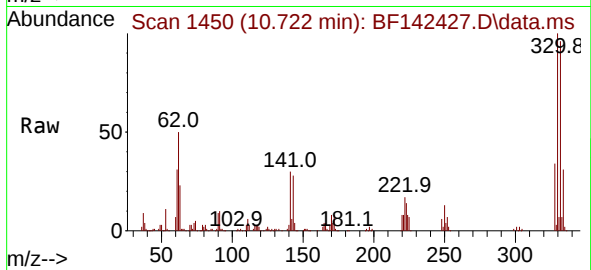
Tgt Ion:164 Resp: 248036
Ion Ratio Lower Upper
164 100
162 98.9 79.2 118.8
160 44.2 35.3 52.9



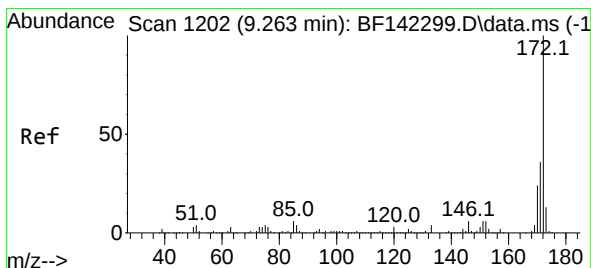
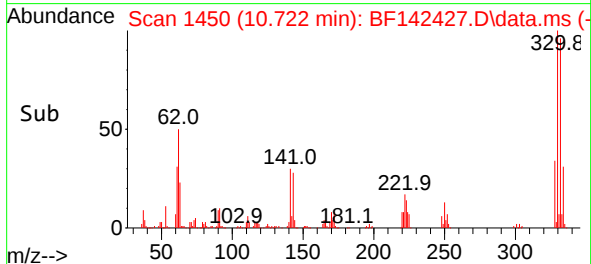
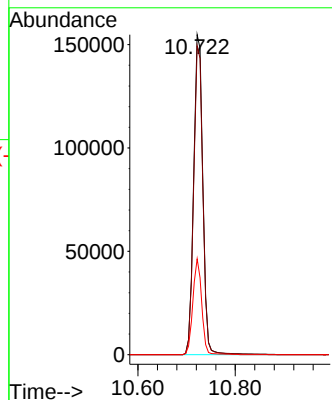


#42
2,4,6-Tribromophenol
Concen: 85.091 ng
RT: 10.722 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

Instrument :
BNA_F
ClientSampleId :
L3-WC-1

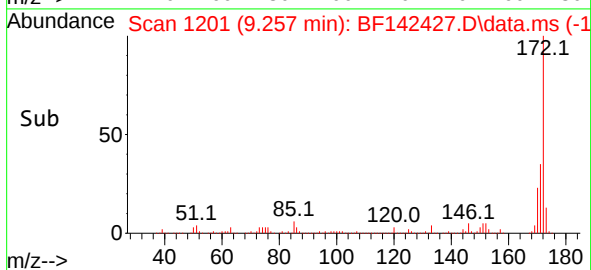
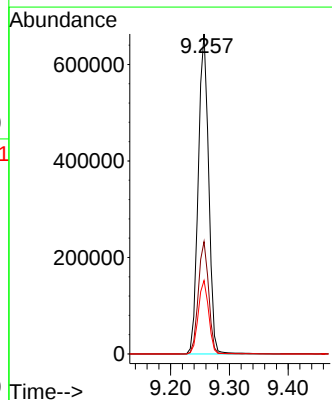
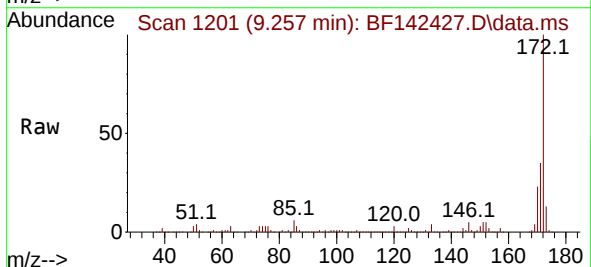


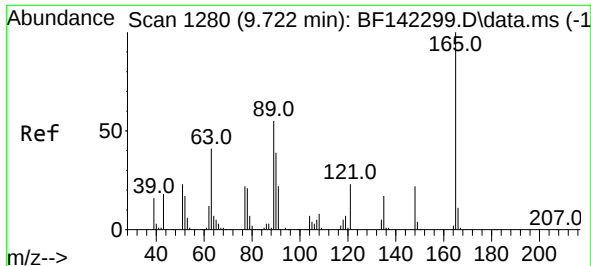
Tgt Ion: 330 Resp: 203771
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 28.8 24.9 37.3



#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

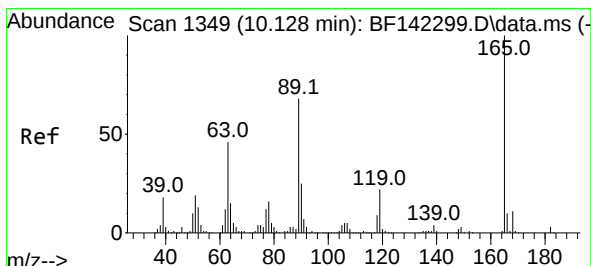
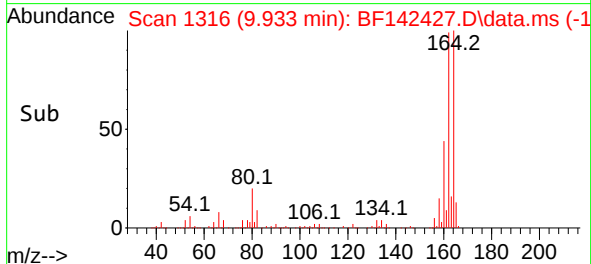
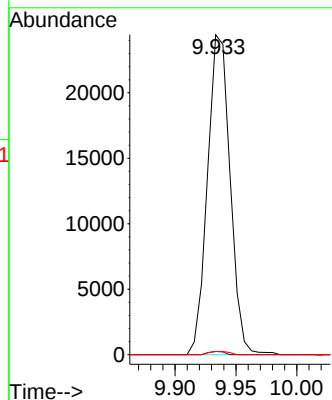
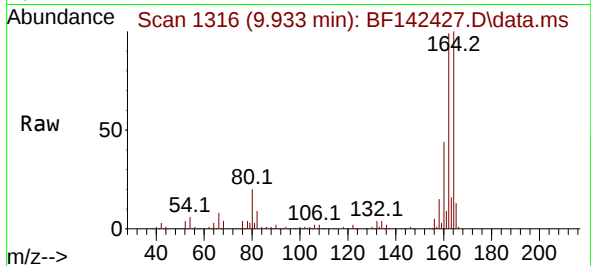




#51
2,6-Dinitrotoluene
Concen: 10.646 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

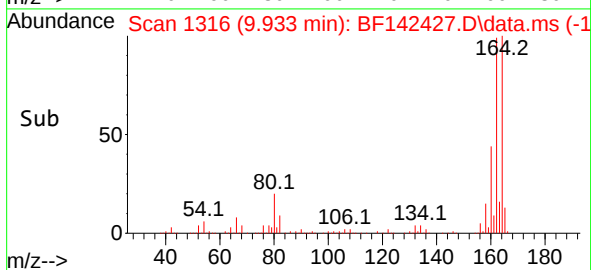
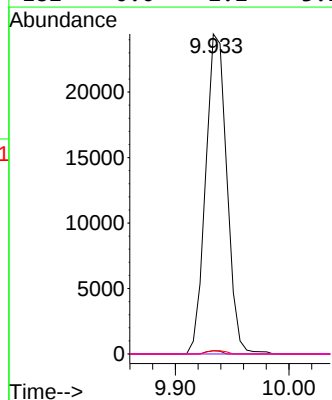
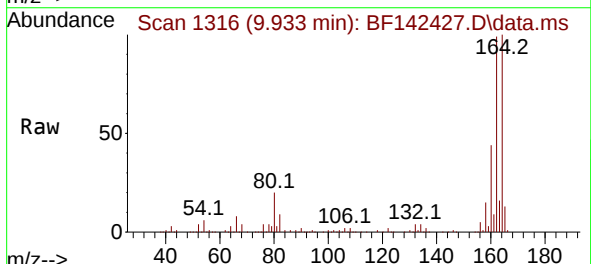
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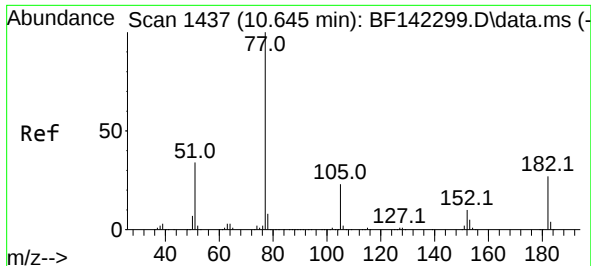
Tgt Ion:165 Resp: 31738
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 1.0 44.6 66.8#



#57
2,4-Dinitrotoluene
Concen: 8.299 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.194 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

Tgt Ion:165 Resp: 31738
Ion Ratio Lower Upper
165 100
63 1.0 37.1 55.7#
89 1.0 54.4 81.6#
182 0.0 2.2 3.2#

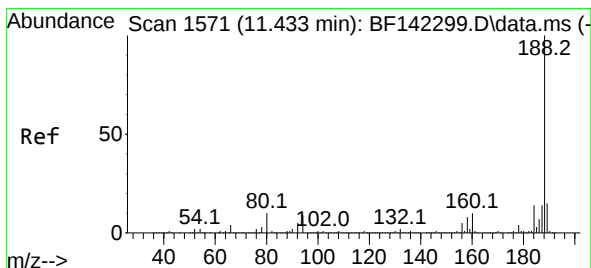
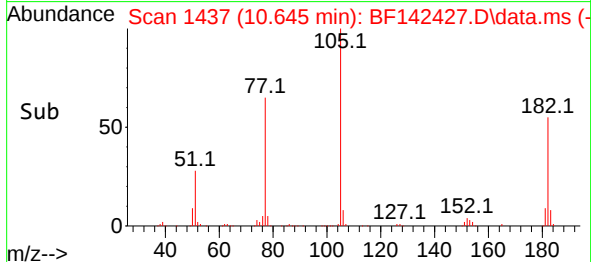
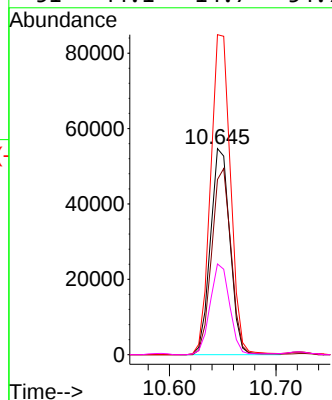
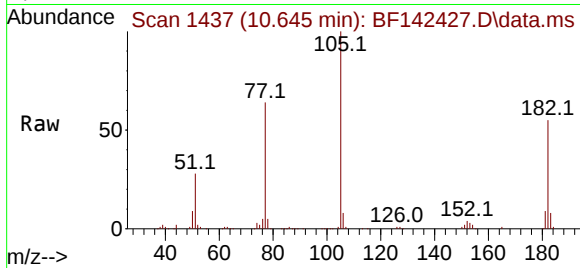




#63
Azobenzene
Concen: 4.590 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

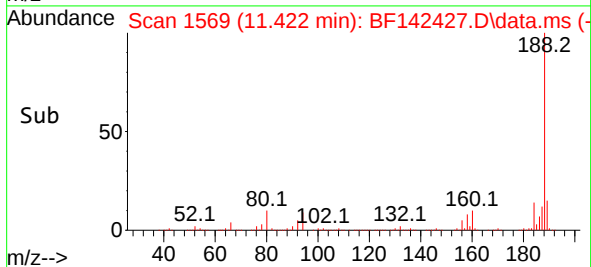
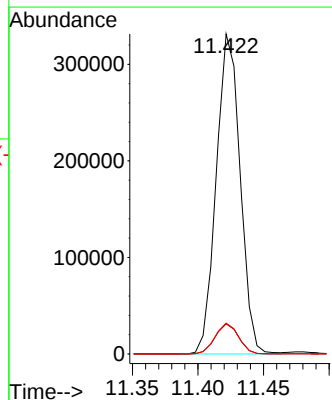
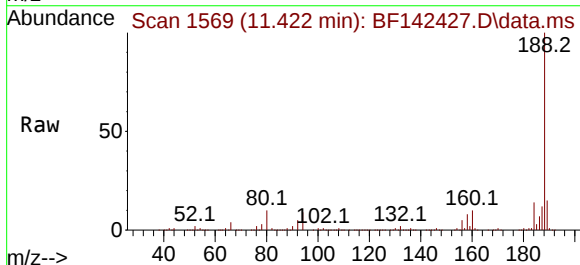
Instrument :
BNA_F
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L3-WC-1

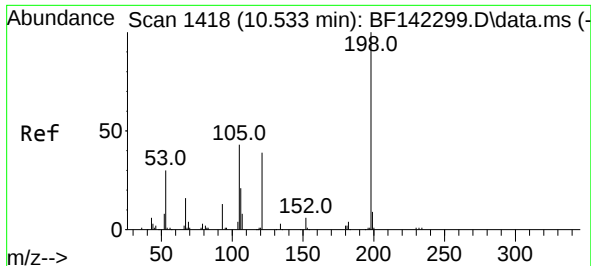
Tgt Ion: 77 Resp: 69762
Ion Ratio Lower Upper
77 100
182 85.1 6.9 46.9#
105 155.3 2.7 42.7#
51 44.1 14.7 54.7



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

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





#65

4,6-Dinitro-2-methylphenol

Concen: 7.296 ng

RT: 10.722 min Scan# 1418

Delta R.T. 0.189 min

Lab File: BF142427.D

Acq: 16 May 2025 15:16

Instrument :

BNA_F

ClientSampleId :

L3-WC-1

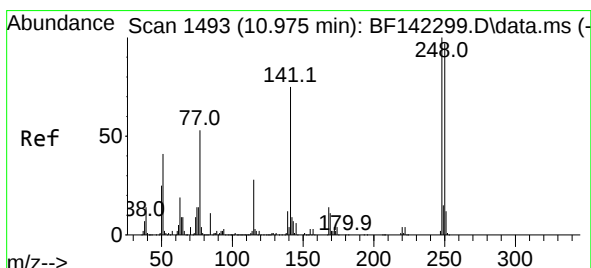
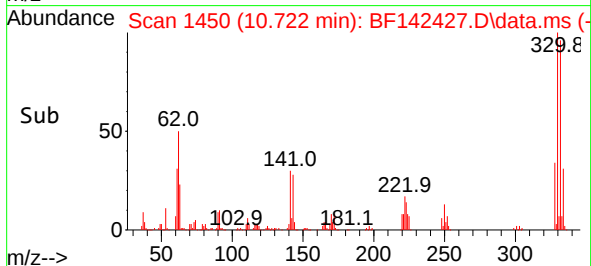
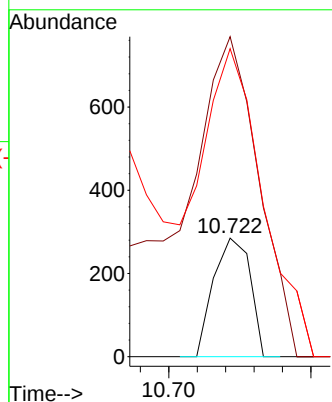
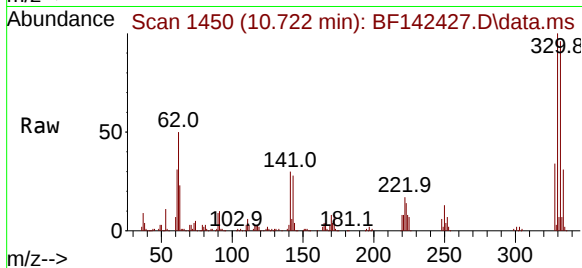
Tgt Ion:198 Resp: 255

Ion Ratio Lower Upper

198 100

51 269.8 32.9 72.9#

105 259.6 23.7 63.7#



#67

4-Bromophenyl-phenylether

Concen: 2.590 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.253 min

Lab File: BF142427.D

Acq: 16 May 2025 15:16

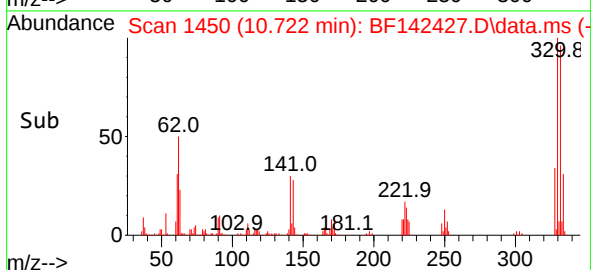
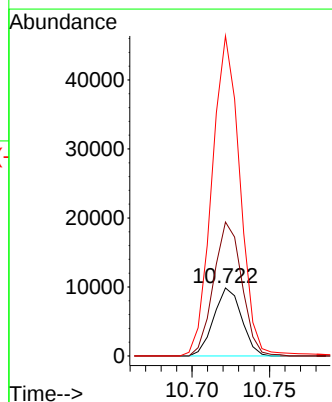
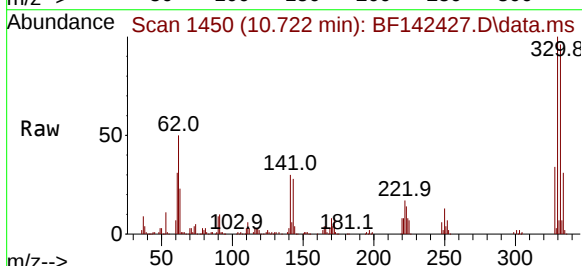
Tgt Ion:248 Resp: 12317

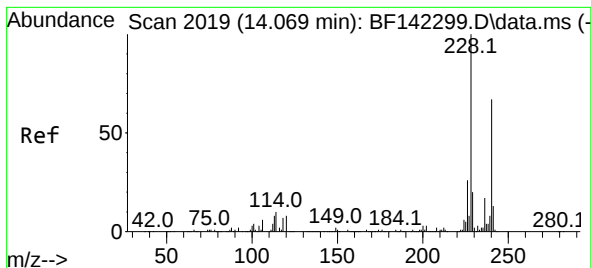
Ion Ratio Lower Upper

248 100

250 196.9 77.9 116.9#

141 470.8 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142427.D

Acq: 16 May 2025 15:16

Instrument :

BNA_F

ClientSampleId :

L3-WC-1

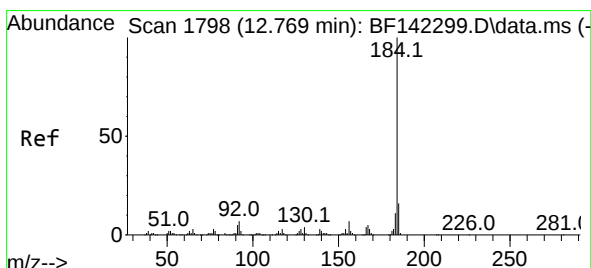
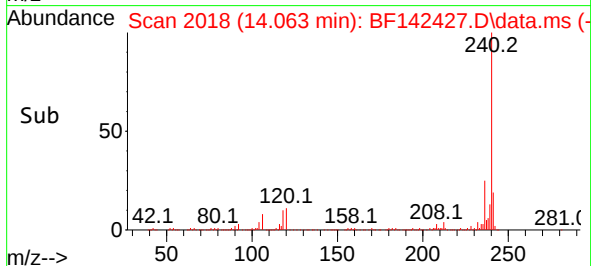
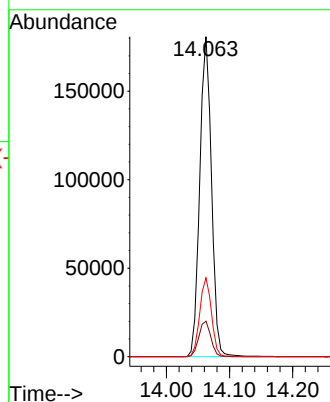
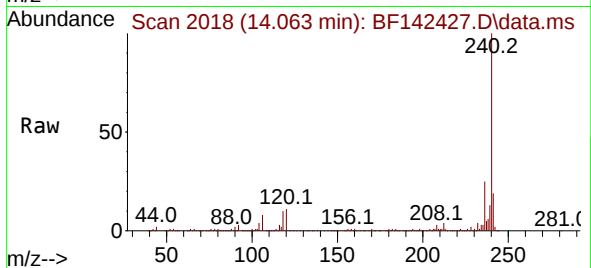
Tgt Ion:240 Resp: 232582

Ion Ratio Lower Upper

240 100

120 11.1 9.7 14.5

236 24.7 20.0 30.0



#77

Benidine

Concen: 2.218 ng

RT: 13.010 min Scan# 1839

Delta R.T. 0.241 min

Lab File: BF142427.D

Acq: 16 May 2025 15:16

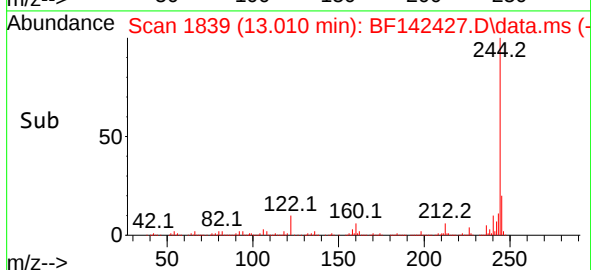
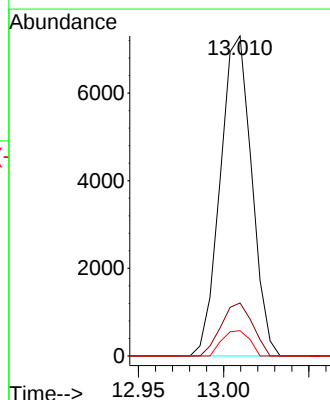
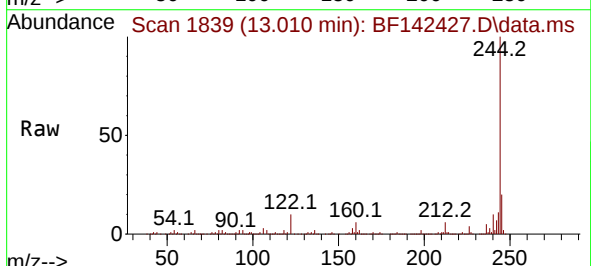
Tgt Ion:184 Resp: 9374

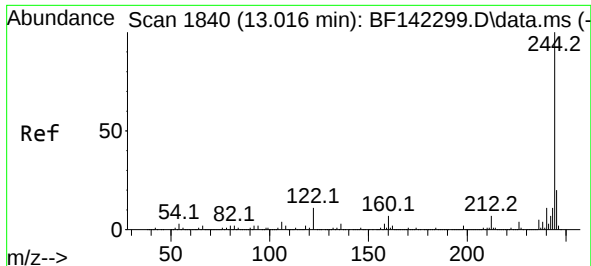
Ion Ratio Lower Upper

184 100

185 16.6 12.6 18.8

183 7.9 8.6 12.8#

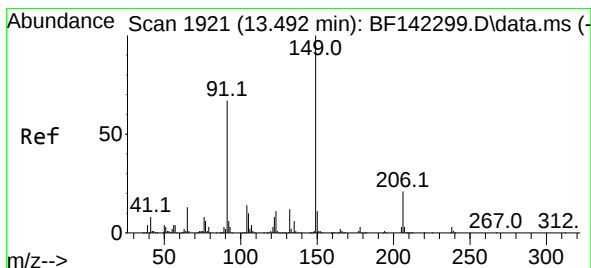
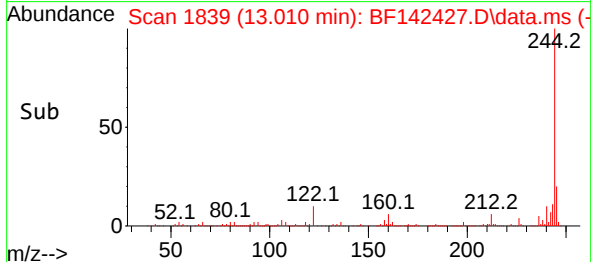
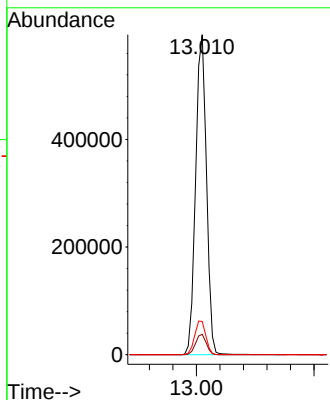
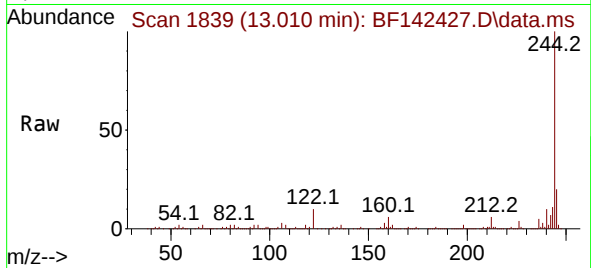




#79
Terphenyl-d14
Concen: 48.350 ng
RT: 13.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

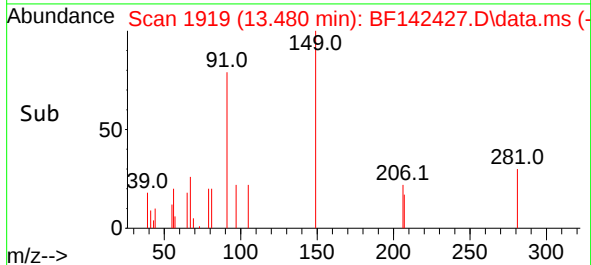
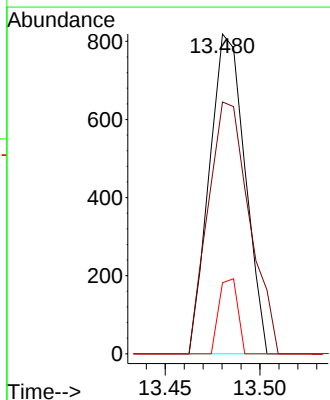
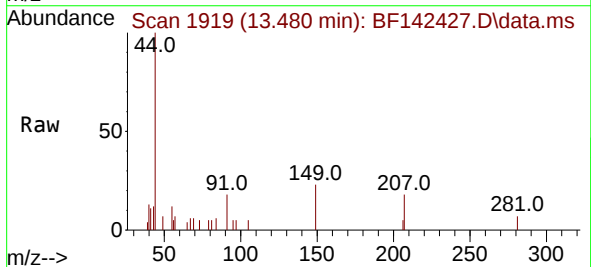
Instrument :
BNA_F
ClientSampleId :
L3-WC-1

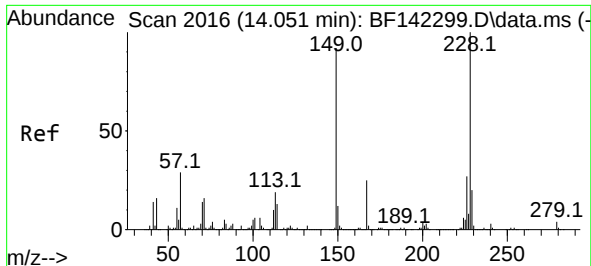
Tgt Ion:244 Resp: 759773
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.2
122 10.4 9.0 13.4



#80
Butylbenzylphthalate
Concen: 3.823 ng
RT: 13.480 min Scan# 1919
Delta R.T. -0.012 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

Tgt Ion:149 Resp: 1069
Ion Ratio Lower Upper
149 100
91 78.8 53.8 80.6
206 22.2 16.6 24.8

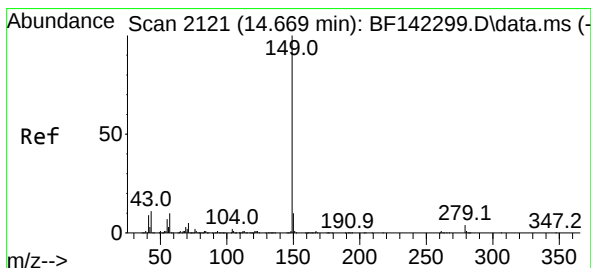
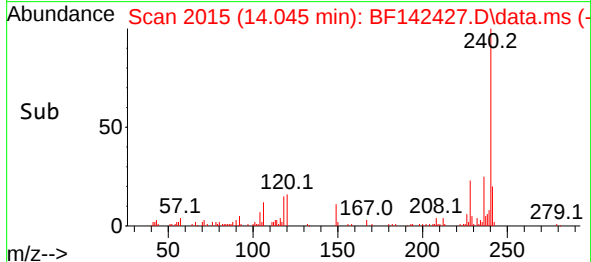
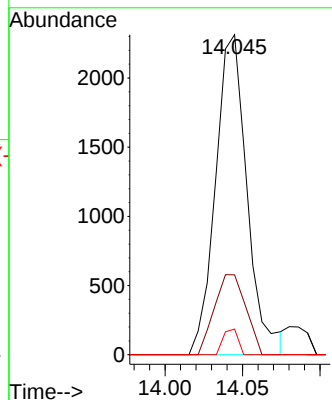
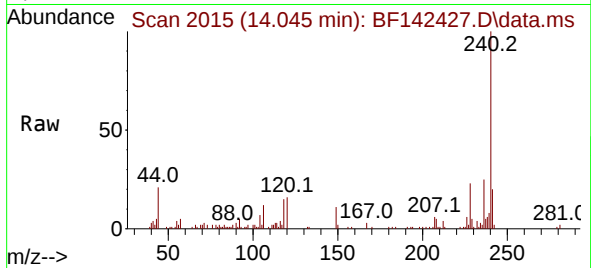




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.616 ng
RT: 14.045 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

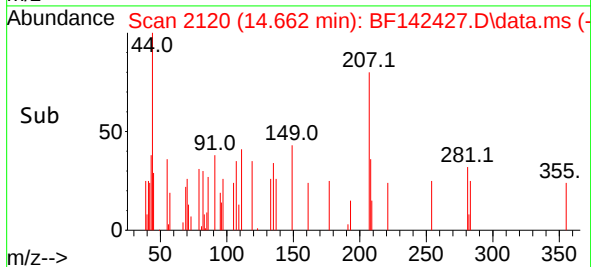
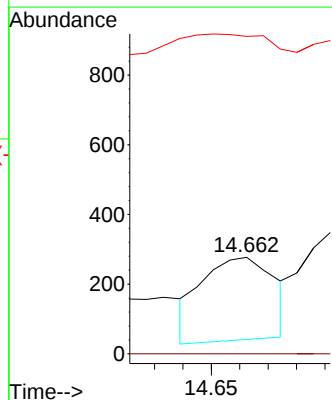
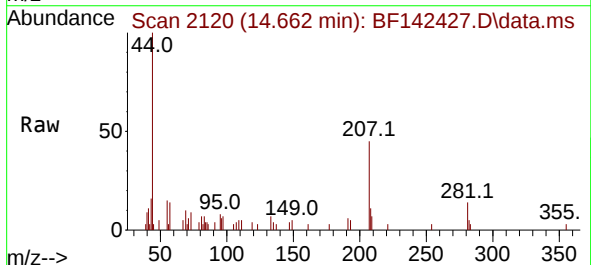
Instrument :
BNA_F
ClientSampleId :
L3-WC-1

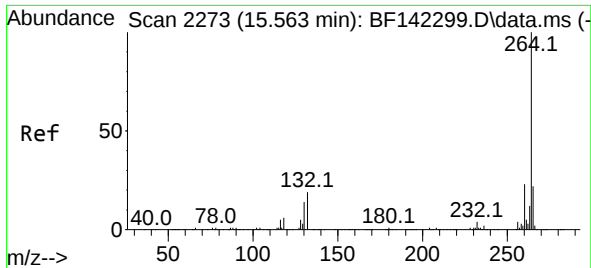
Tgt Ion:149 Resp: 3268
Ion Ratio Lower Upper
149 100
167 24.9 22.0 33.0
279 8.0 3.0 4.6#



#85
Di-n-octyl phthalate
Concen: 7.865 ng
RT: 14.662 min Scan# 2120
Delta R.T. -0.007 min
Lab File: BF142427.D
Acq: 16 May 2025 15:16

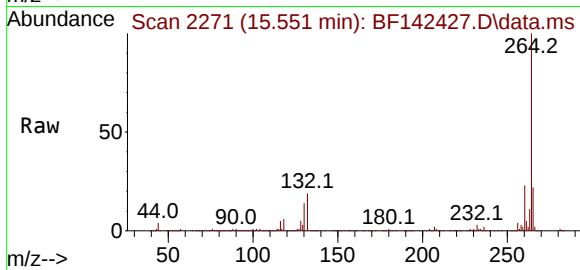
Tgt Ion:149 Resp: 423
Ion Ratio Lower Upper
149 100
167 0.0 1.1 1.7#
43 0.0 9.2 13.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 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

