

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142459.D
 Acq On : 19 May 2025 18:56
 Operator : RC/JU
 Sample : Q2062-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 02:22:20 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)

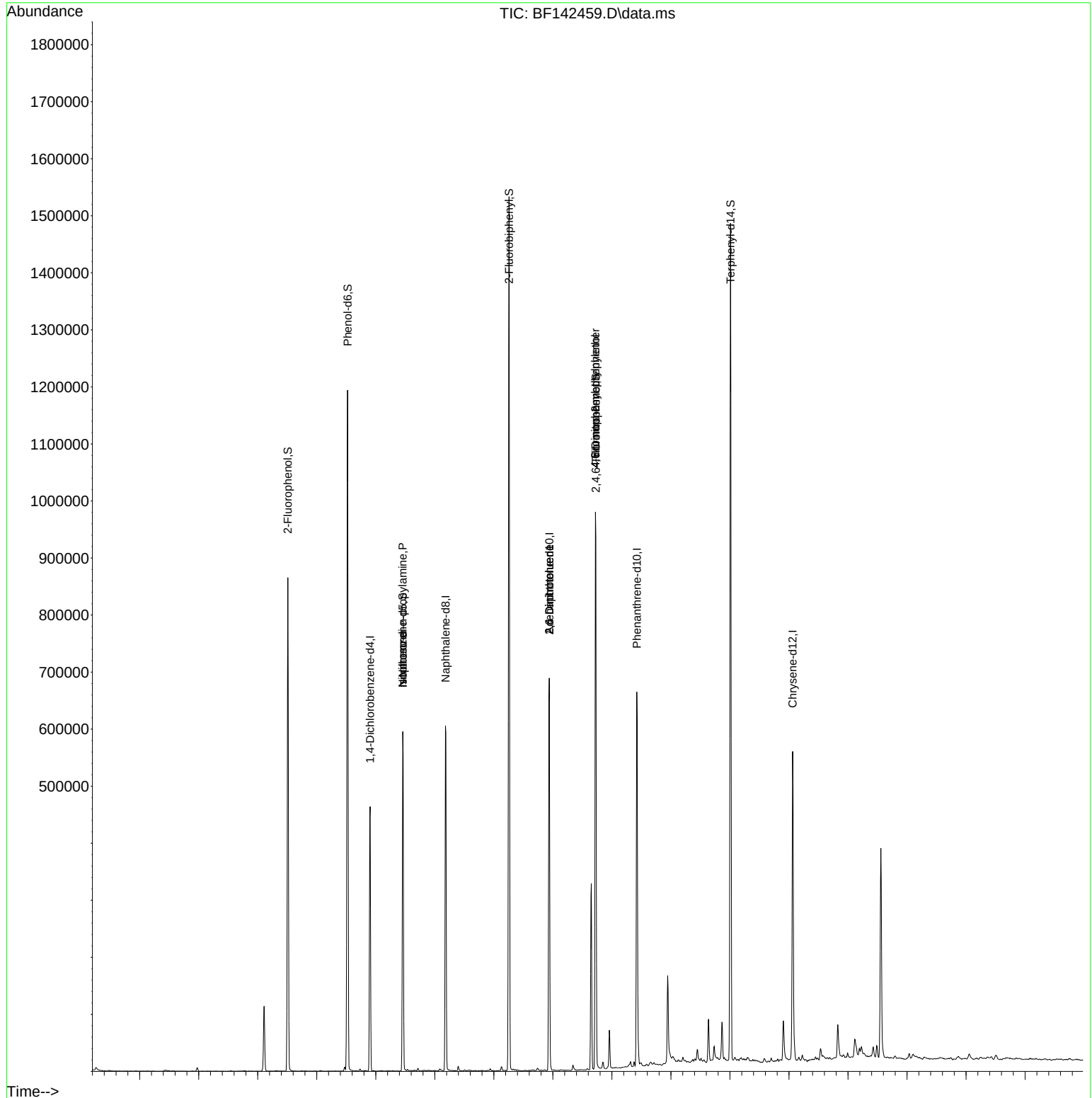
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	102095	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	392933	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	209088	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	344296	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	250098	20.000	ng	0.00
86) Perylene-d12	15.557	264	211607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	321633	53.779	ng	0.00
7) Phenol-d6	6.522	99	544689	74.049	ng	0.00
23) Nitrobenzene-d5	7.457	82	243550	37.801	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	177101	87.730	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	666171	45.430	ng	0.00
79) Terphenyl-d14	13.010	244	705330	41.742	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	32530	7.149	ng	# 76
25) Isophorone	7.457	82	241643	19.806	ng	# 62
51) 2,6-Dinitrotoluene	9.939	165	26441	10.521	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	26441	8.202	ng	# 25
63) Azobenzene	10.651	77	79142	6.177	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.722	198	314	7.351	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	10700	2.742	ng	# 1
75) Fluoranthene	12.639	202	43540	2.413	ng	96
80) Butylbenzylphthalate	13.480	149	602	3.745	ng	# 69
84) Bis(2-ethylhexyl)phtha...	14.045	149	7300	5.024	ng	98
85) Di-n-octyl phthalate	14.639	149	150	7.848	ng	# 73
89) Benzo(k)fluoranthene	15.115	252	25480	2.173	ng	# 96

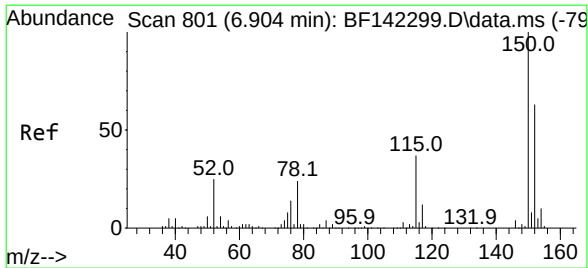
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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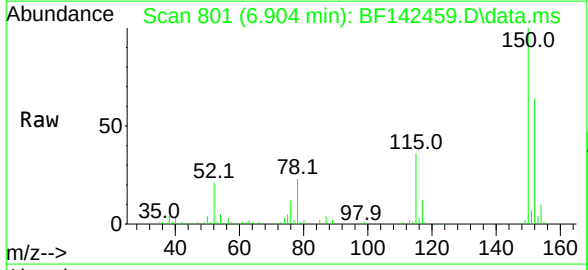
Quant Time: May 20 02:22:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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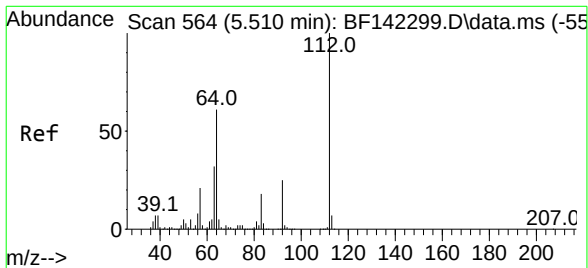
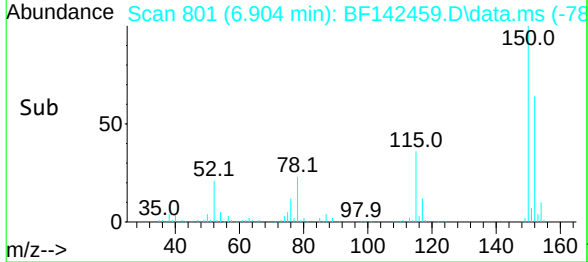
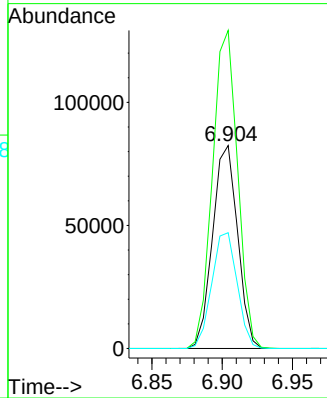


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56

Instrument :
BNA_F
ClientSampleId :

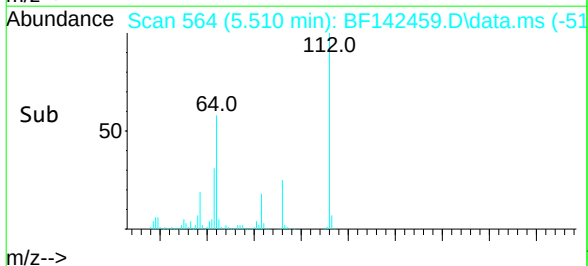
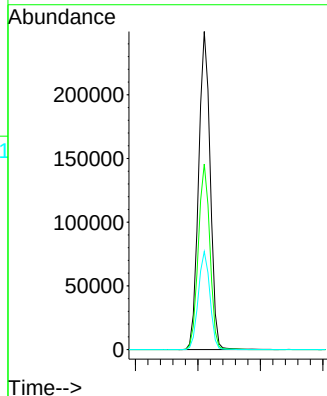
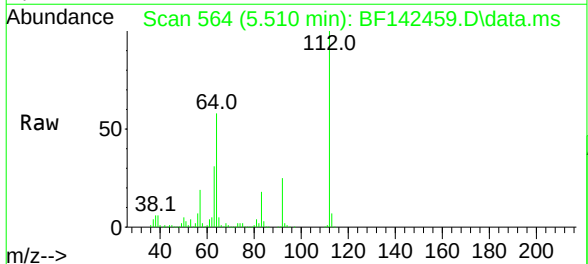


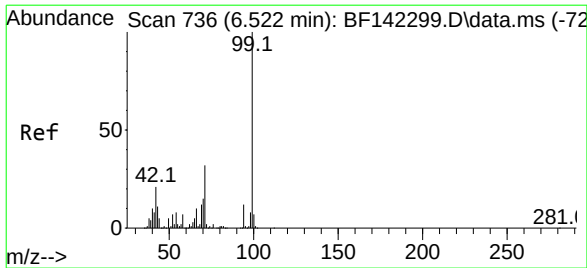
Tgt Ion:152 Resp: 102095
Ion Ratio Lower Upper
152 100
150 156.7 126.6 190.0
115 57.1 47.3 70.9



#5
2-Fluorophenol
Concen: 53.779 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56

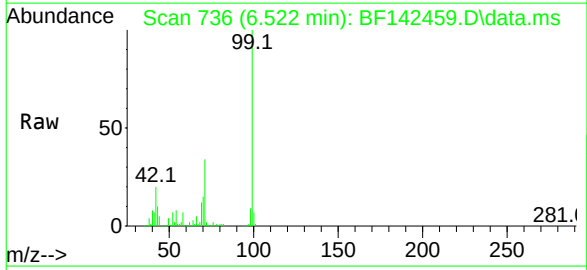
Tgt Ion:112 Resp: 321633
Ion Ratio Lower Upper
112 100
64 58.3 48.9 73.3
63 30.8 25.6 38.4



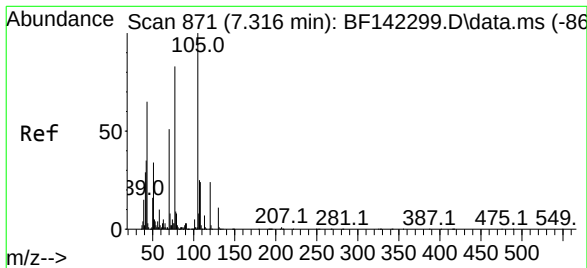
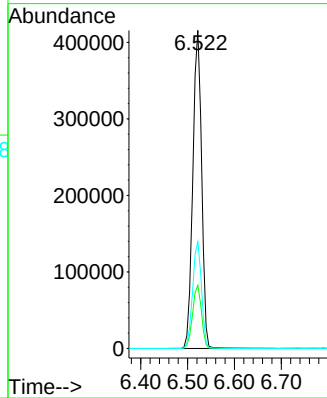
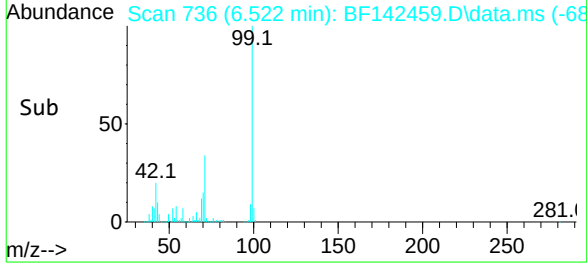


#7
Phenol-d6
Concen: 74.049 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56

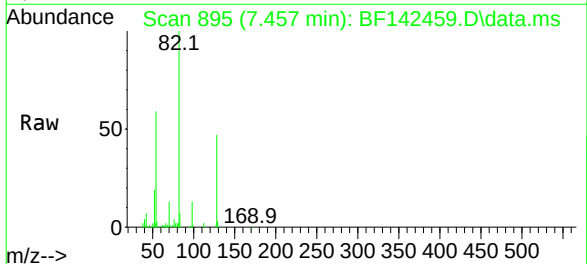
Instrument :
BNA_F
ClientSampleId :



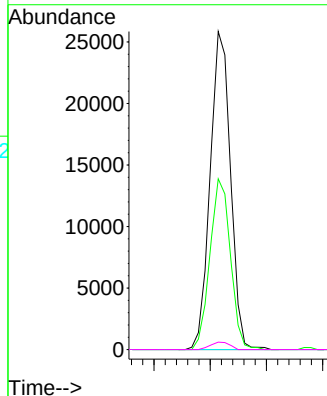
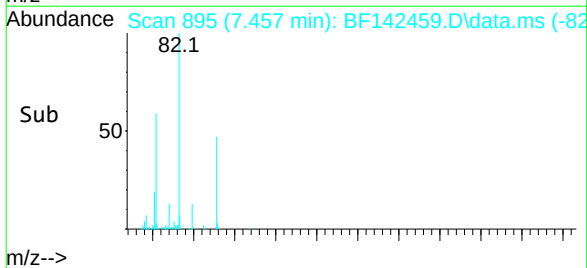
Tgt Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.0	25.4
71	33.6	25.8	38.8

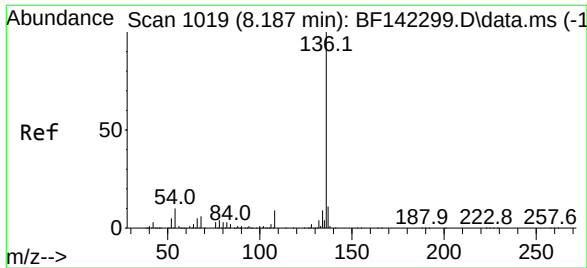


#19
n-Nitroso-di-n-propylamine
Concen: 7.149 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56



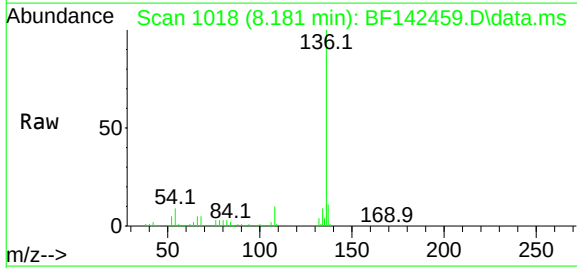
Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.7	54.8	82.2#
101	0.0	7.7	11.5#
130	2.3	17.4	26.2#



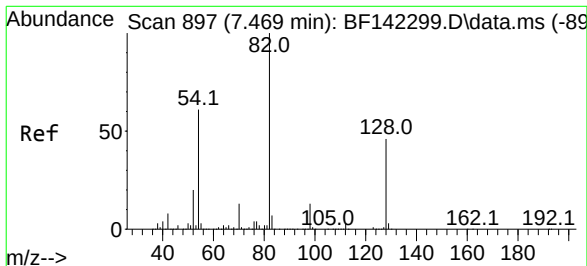
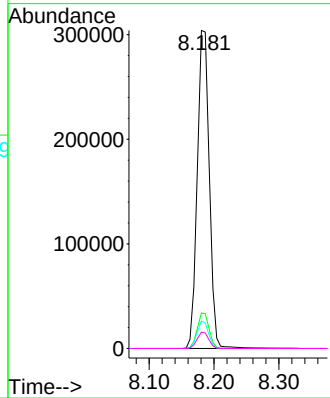
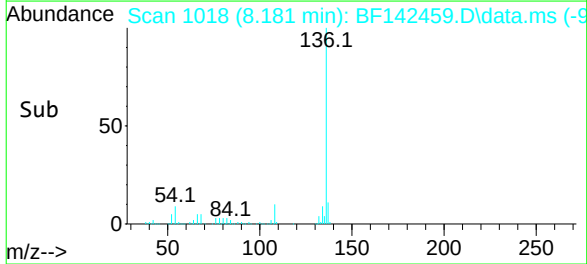


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56

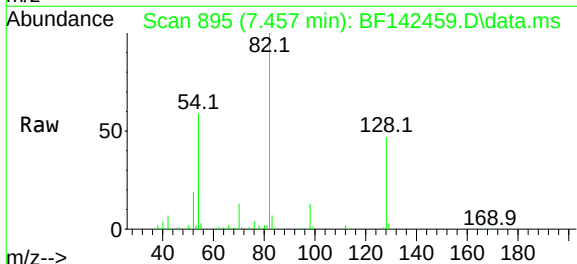
Instrument :
BNA_F
ClientSampleId :



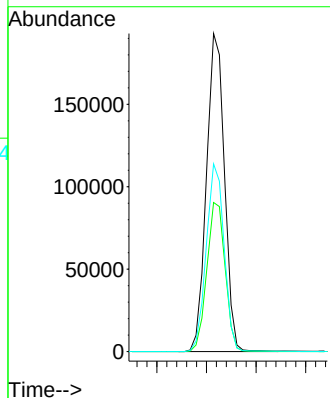
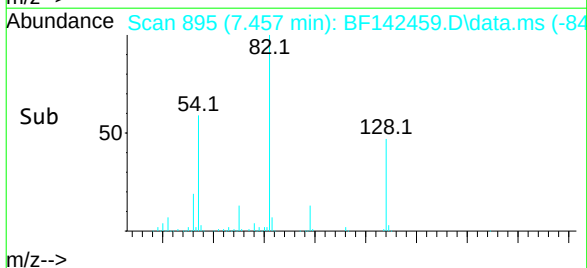
Tgt Ion:	136	Resp:	392933
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.7	7.7	11.5
68	5.1	4.9	7.3

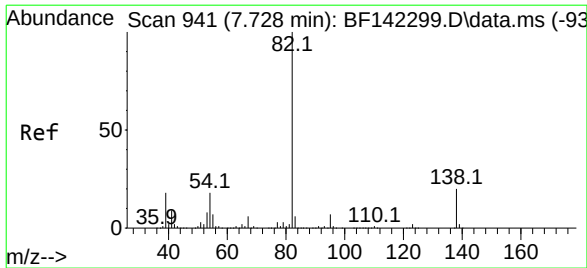


#23
Nitrobenzene-d5
Concen: 37.801 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56



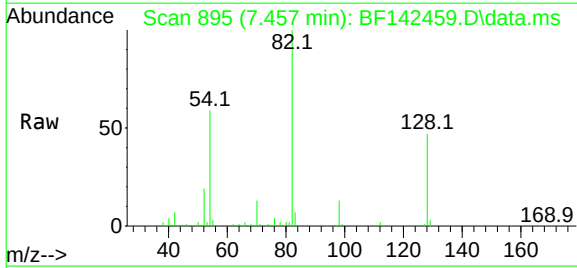
Tgt Ion:	82	Resp:	243550
Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.0	55.6
54	59.0	48.6	73.0



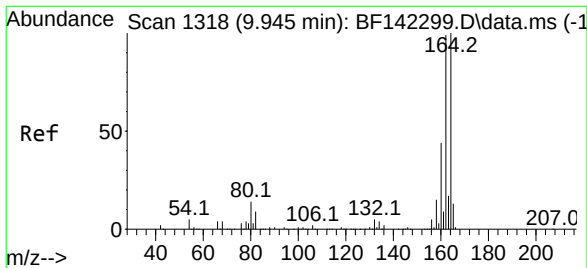
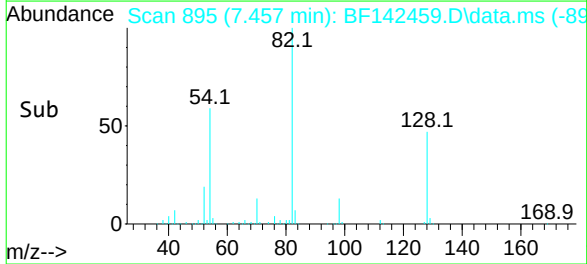
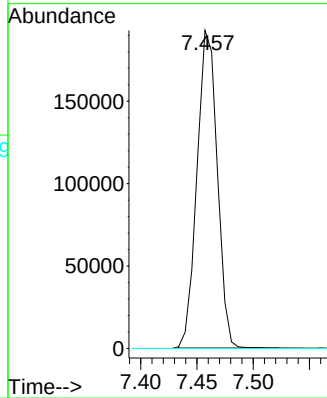


#25
Isophorone
Concen: 19.806 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56

Instrument :
BNA_F
ClientSampleId :

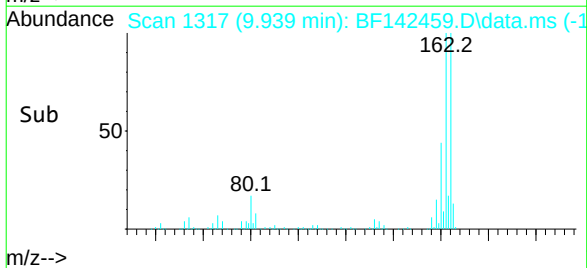
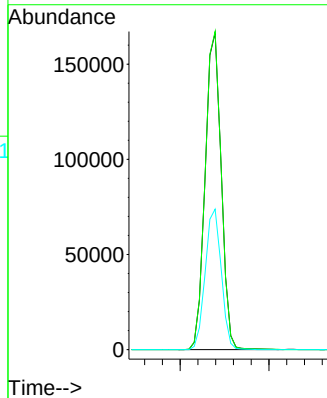
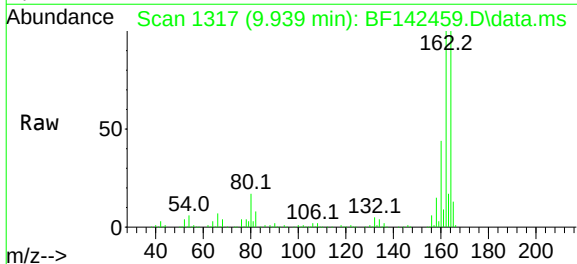


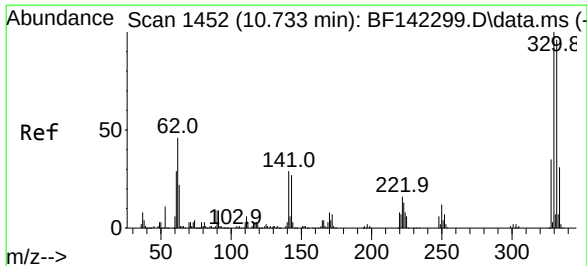
Tgt Ion: 82 Resp: 241643
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56

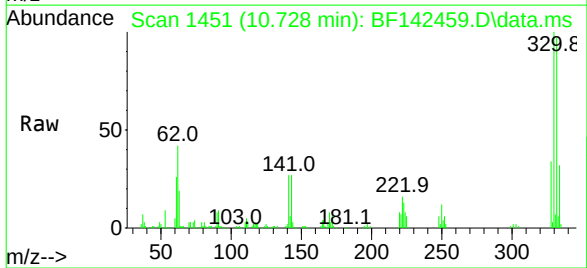
Tgt Ion: 164 Resp: 209088
Ion Ratio Lower Upper
164 100
162 100.4 79.2 118.8
160 44.3 35.3 52.9



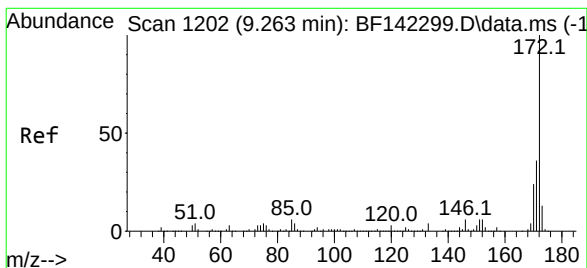
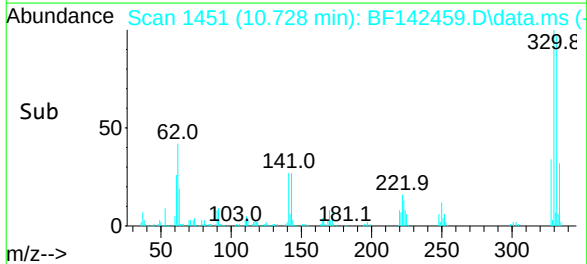
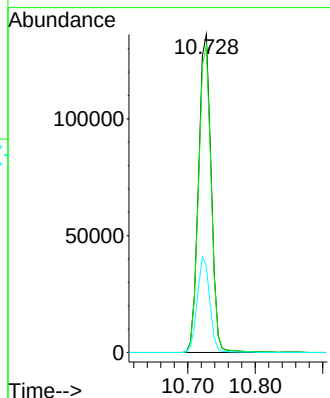


#42
2,4,6-Tribromophenol
Concen: 87.730 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56

Instrument :
BNA_F
ClientSampleId :

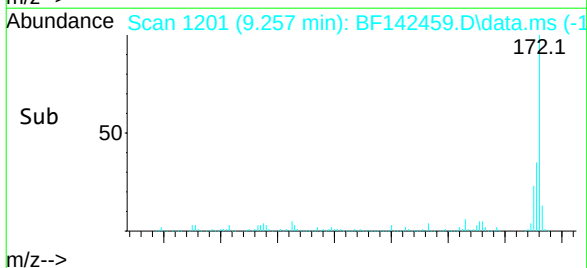
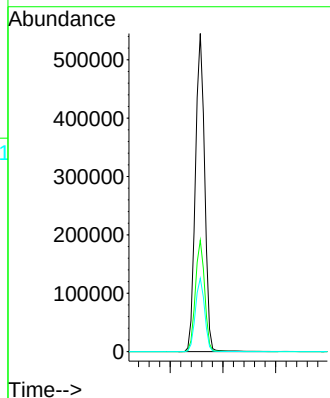
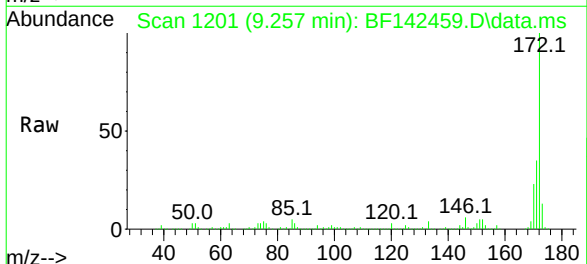


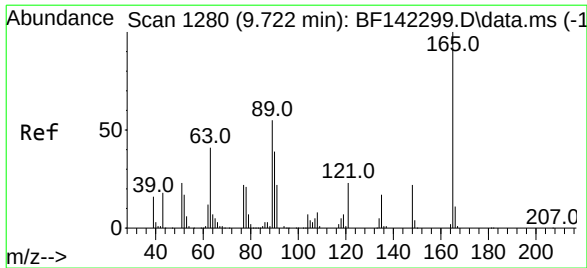
Tgt Ion: 330 Resp: 177101
Ion Ratio Lower Upper
330 100
332 96.9 76.8 115.2
141 29.8 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 45.430 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56

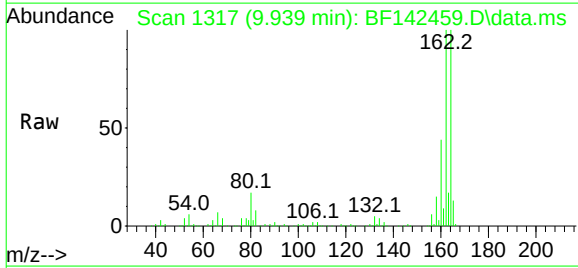
Tgt Ion: 172 Resp: 666171
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.1 19.0 28.4



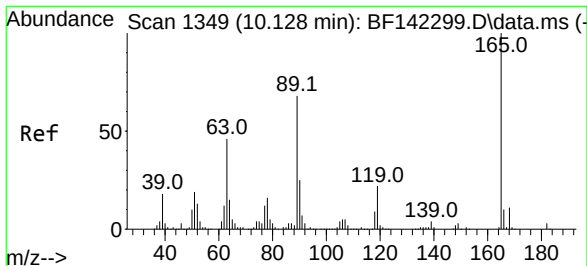
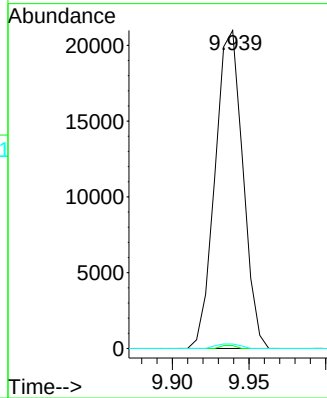
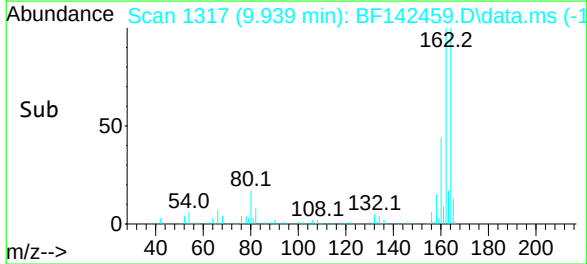


#51
2,6-Dinitrotoluene
Concen: 10.521 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.218 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56

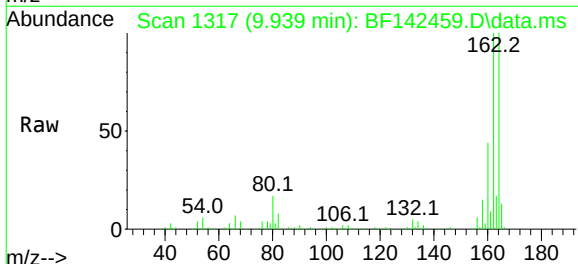
Instrument :
BNA_F
ClientSampleId :



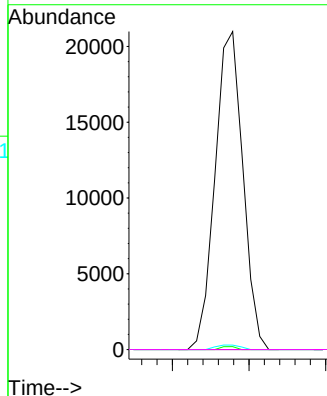
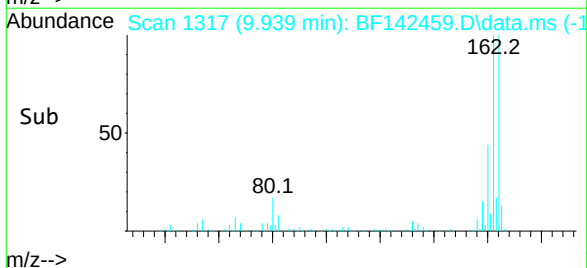
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	49.5	74.3#
89	1.4	44.6	66.8#

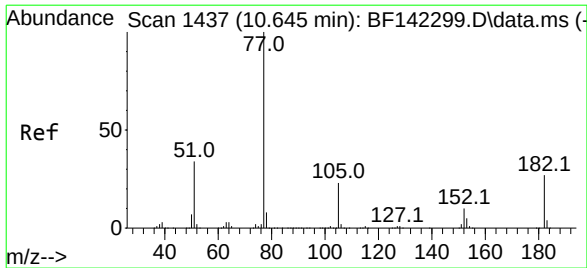


#57
2,4-Dinitrotoluene
Concen: 8.202 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.188 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56



Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	37.1	55.7#
89	1.4	54.4	81.6#
182	0.0	2.2	3.2#





#63

Azobenzene

Concen: 6.177 ng

RT: 10.651 min Scan# 14

Delta R.T. 0.006 min

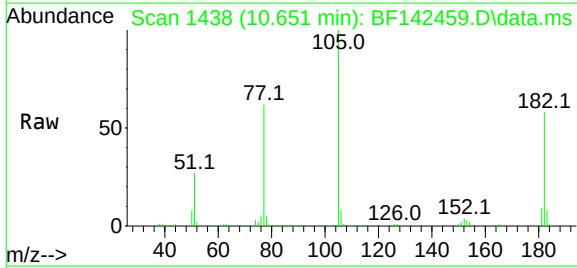
Lab File: BF142459.D

Acq: 19 May 2025 18:56

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 79142

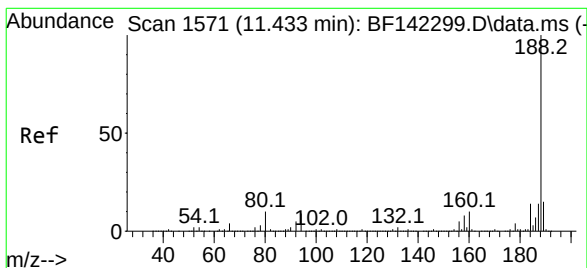
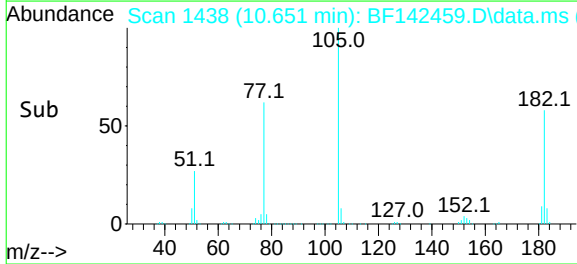
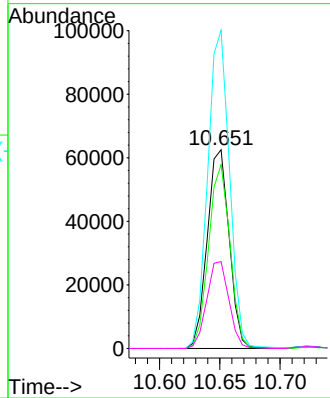
Ion Ratio Lower Upper

77 100

182 92.5 6.9 46.9#

105 160.0 2.7 42.7#

51 43.7 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: BF142459.D

Acq: 19 May 2025 18:56

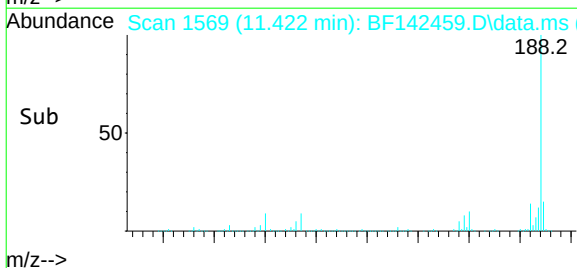
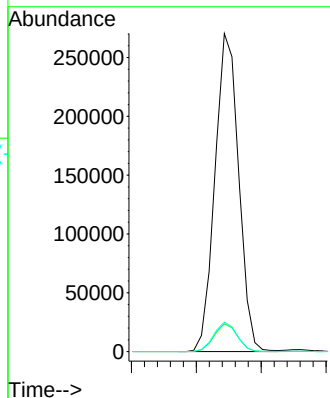
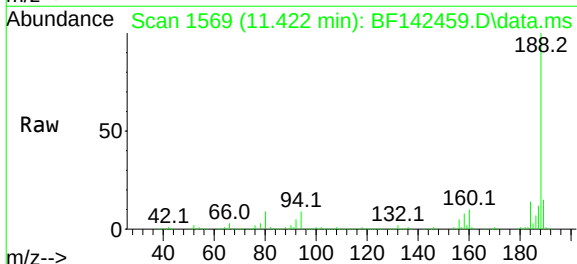
Tgt Ion: 188 Resp: 344296

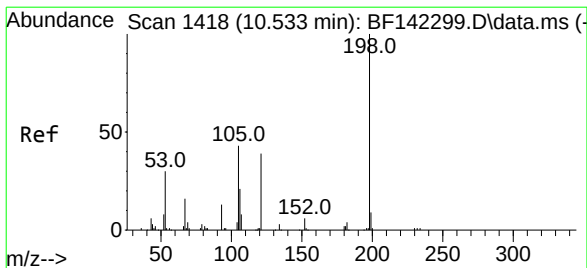
Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

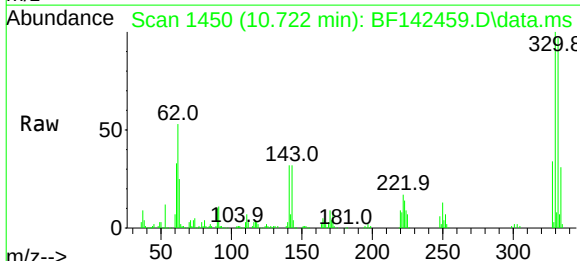
80 9.3 7.9 11.9



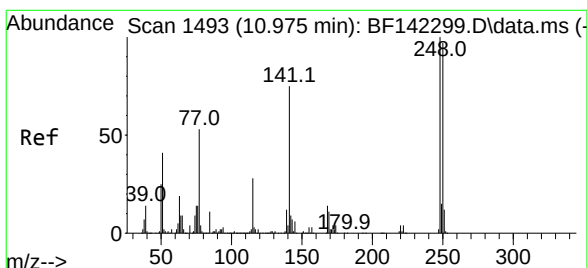
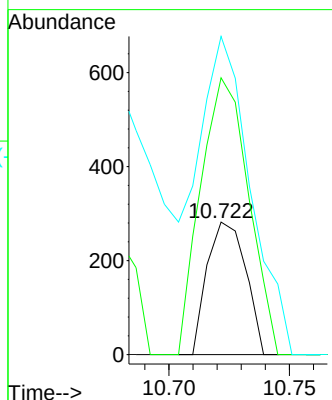
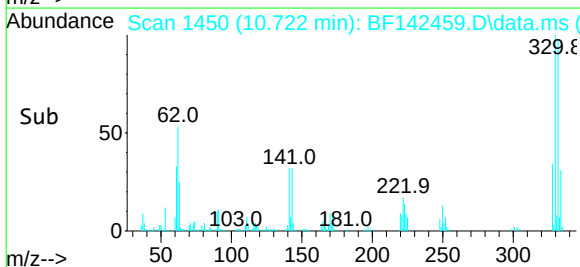


#65
4,6-Dinitro-2-methylphenol
Concen: 7.351 ng
RT: 10.722 min Scan# 1418
Delta R.T. 0.189 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56

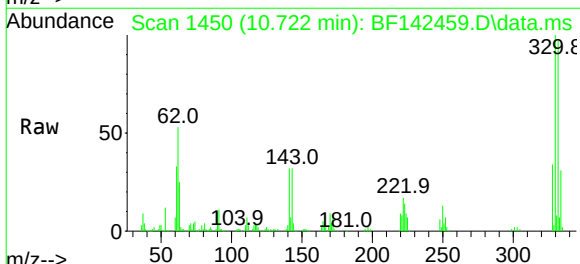
Instrument :
BNA_F
ClientSampleId :



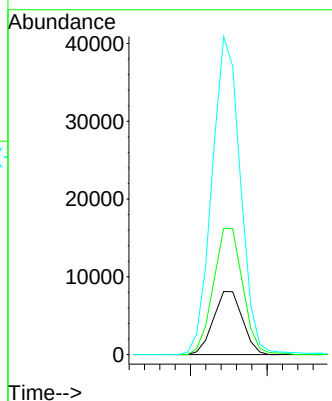
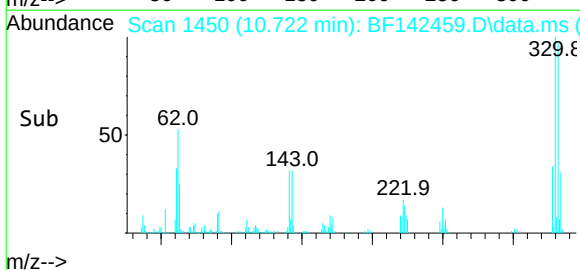
Tgt Ion:198 Resp: 314
Ion Ratio Lower Upper
198 100
51 208.9 32.9 72.9#
105 240.1 23.7 63.7#

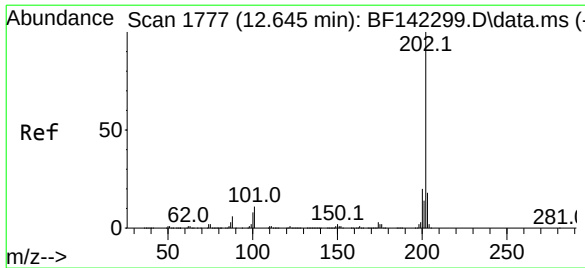


#67
4-Bromophenyl-phenylether
Concen: 2.742 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56



Tgt Ion:248 Resp: 10700
Ion Ratio Lower Upper
248 100
250 200.1 77.9 116.9#
141 504.3 59.8 89.8#





#75

Fluoranthene

Concen: 2.413 ng

RT: 12.639 min Scan# 17

Delta R.T. -0.006 min

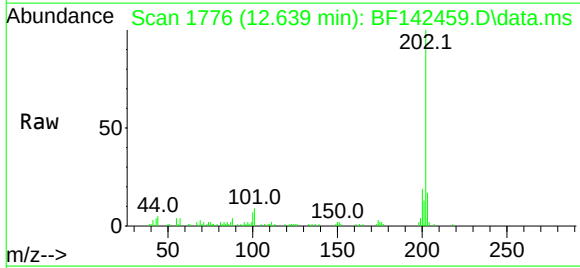
Lab File: BF142459.D

Acq: 19 May 2025 18:56

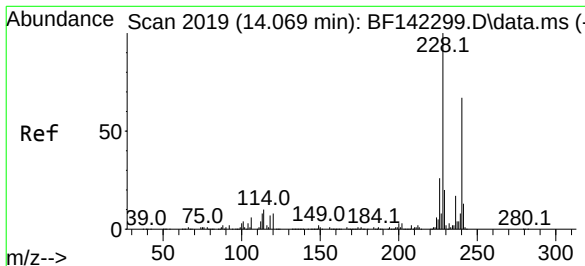
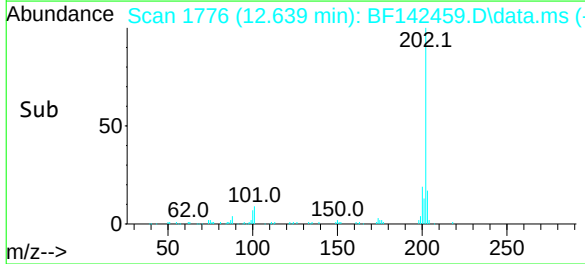
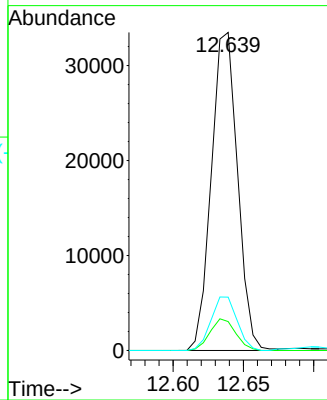
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	202	Resp:	43540
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	31.4
203	16.8	0.0	37.9



#76

Chrysene-d12

Concen: 20.000 ng

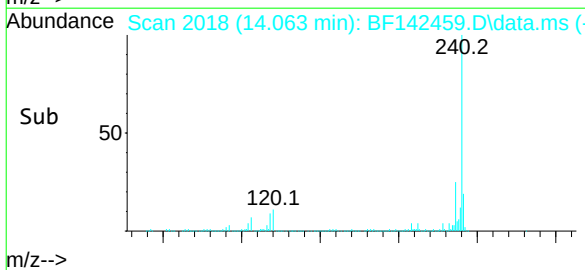
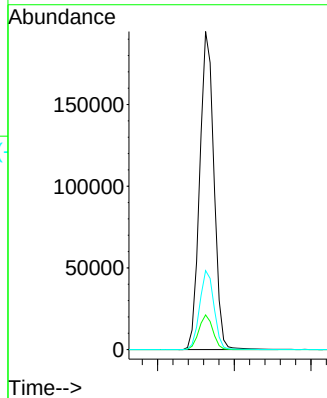
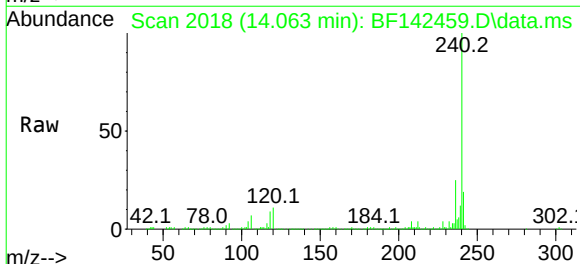
RT: 14.063 min Scan# 2018

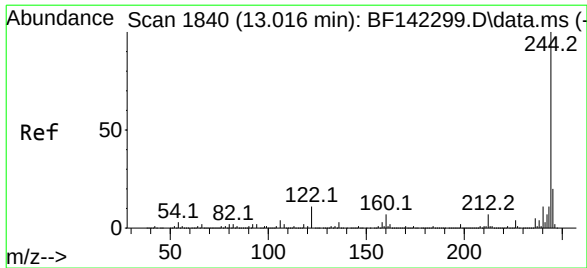
Delta R.T. -0.006 min

Lab File: BF142459.D

Acq: 19 May 2025 18:56

Tgt Ion:	240	Resp:	250098
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.7	14.5
236	24.8	20.0	30.0





#79

Terphenyl-d14

Concen: 41.742 ng

RT: 13.010 min Scan# 18

Delta R.T. -0.006 min

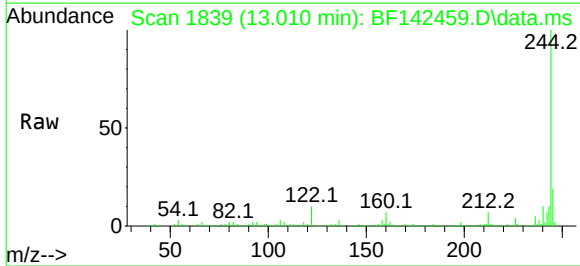
Lab File: BF142459.D

Acq: 19 May 2025 18:56

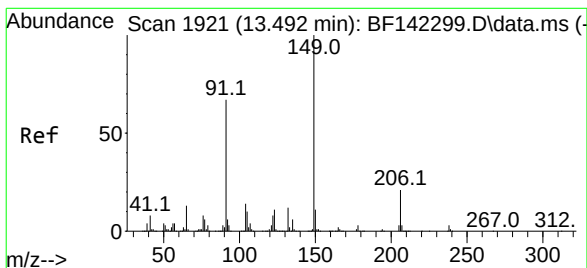
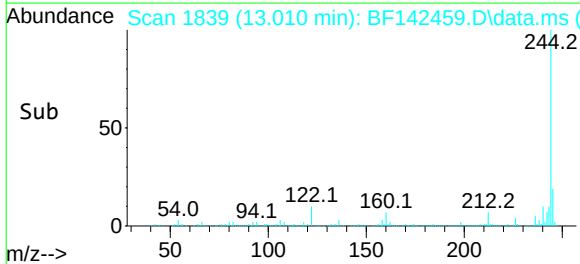
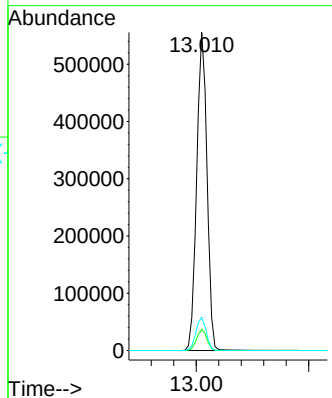
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	244	Resp:	705330
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.2
122	10.5	9.0	13.4



#80

Butylbenzylphthalate

Concen: 3.745 ng

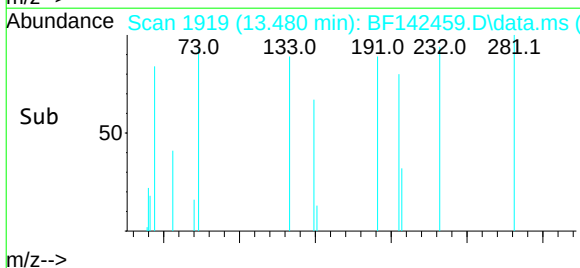
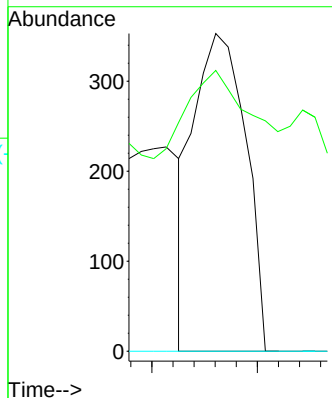
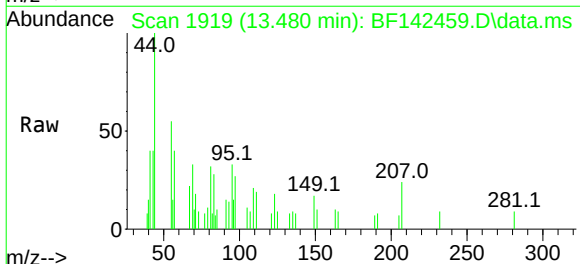
RT: 13.480 min Scan# 1919

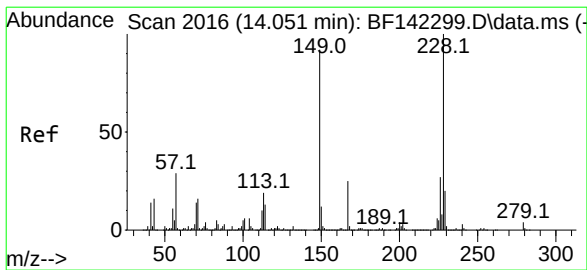
Delta R.T. -0.012 min

Lab File: BF142459.D

Acq: 19 May 2025 18:56

Tgt Ion:	149	Resp:	602
Ion Ratio	Lower	Upper	
149	100		
91	88.4	53.8	80.6#
206	0.0	16.6	24.8#

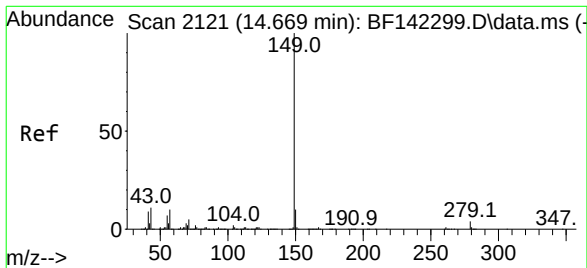
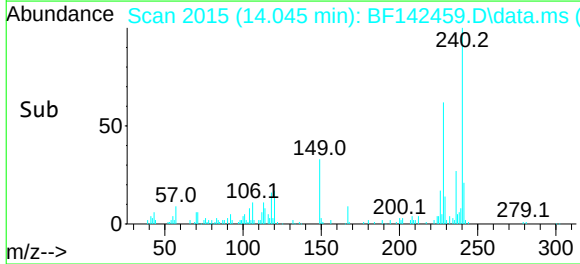
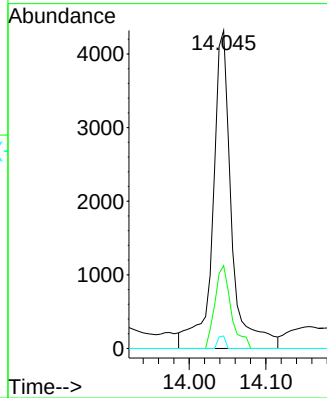
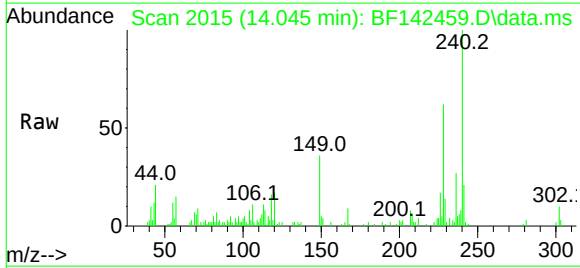




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.024 ng
RT: 14.045 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56

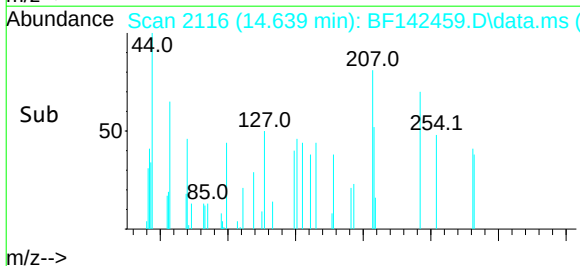
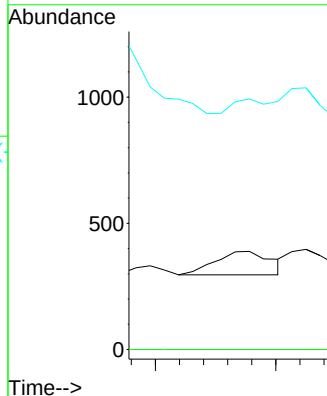
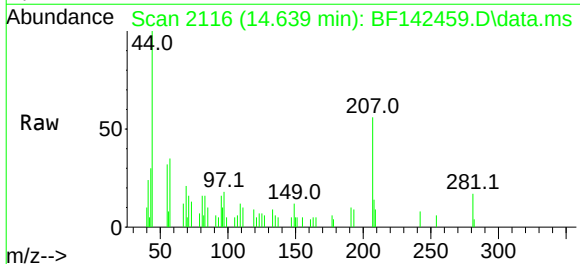
Instrument :
BNA_F
ClientSampleId :

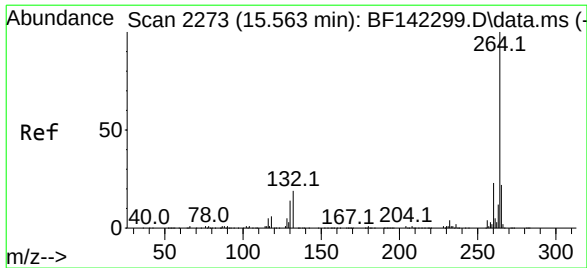
Tgt Ion:	149	Resp:	7300
Ion Ratio	Lower	Upper	
149	100		
167	26.0	22.0	33.0
279	3.9	3.0	4.6



#85
Di-n-octyl phthalate
Concen: 7.848 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.030 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56

Tgt Ion:	149	Resp:	150
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: 15.557 min Scan# 2273

Delta R.T. -0.006 min

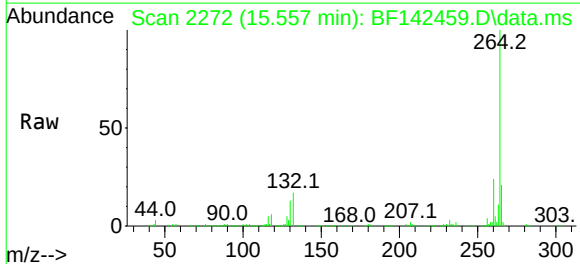
Lab File: BF142459.D

Acq: 19 May 2025 18:56

Instrument :

BNA_F

ClientSampleId :



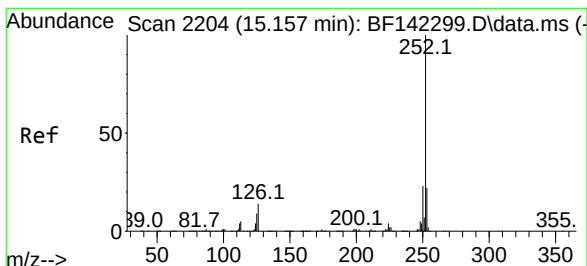
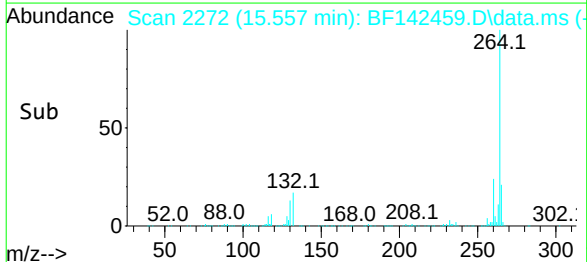
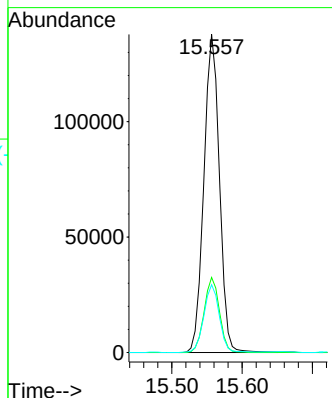
Tgt Ion:264 Resp: 211607

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.3 17.5 26.3



#89

Benzo(k)fluoranthene

Concen: 2.173 ng

RT: 15.115 min Scan# 2197

Delta R.T. -0.041 min

Lab File: BF142459.D

Acq: 19 May 2025 18:56

Tgt Ion:252 Resp: 25480

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

125 13.1 8.1 12.1#

