

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142267.D
 Acq On : 01 May 2025 18:26
 Operator : RC/JU
 Sample : Q1901-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB04262025

Quant Time: May 02 01:07:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

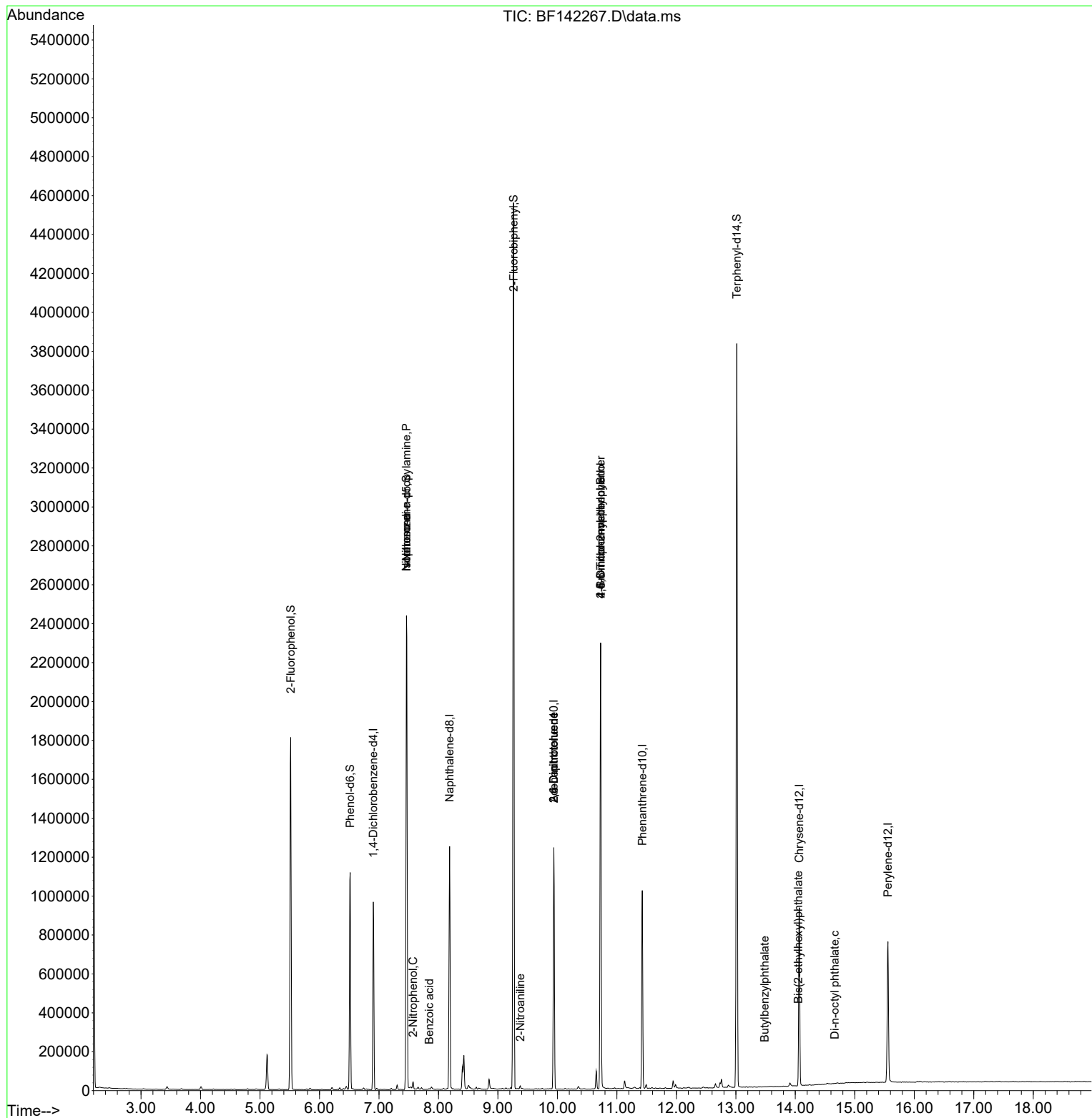
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	201475	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	750141	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	355308	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	506536	20.000	ng	0.00
76) Chrysene-d12	14.069	240	447799	20.000	ng	0.00
86) Perylene-d12	15.557	264	425092	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	671365	53.218	ng	0.00
7) Phenol-d6	6.516	99	488672	32.078	ng	-0.01
23) Nitrobenzene-d5	7.463	82	1036374	90.766	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	387463	119.620	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2015860	79.995	ng	0.00
79) Terphenyl-d14	13.016	244	1820619	59.132	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	142215	15.107	ng	# 80
25) Isophorone	7.463	82	1034686	43.178	ng	# 64
26) 2-Nitrophenol	7.575	139	1001	5.153	ng	# 34
32) Benzoic acid	7.845	122	813	10.918	ng	95
48) 2-Nitroaniline	9.375	65	254	4.811	ng	# 3
51) 2,6-Dinitrotoluene	9.939	165	46063	13.704	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	46063	12.840	ng	# 23
65) 4,6-Dinitro-2-methylph...	10.728	198	807	10.988	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	23738	4.208	ng	# 1
80) Butylbenzylphthalate	13.486	149	302	3.741	ng	# 81
84) Bis(2-ethylhexyl)phtha...	14.051	149	2249	3.588	ng	# 98
85) Di-n-octyl phthalate	14.663	149	576	6.086	ng	# 73

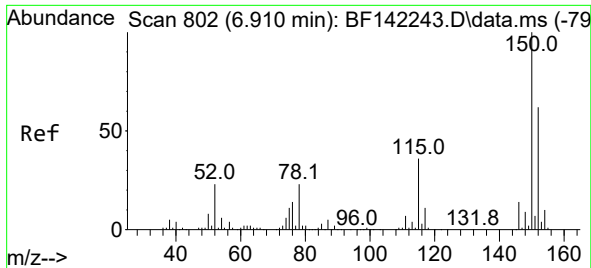
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 30 16:00:01 2025
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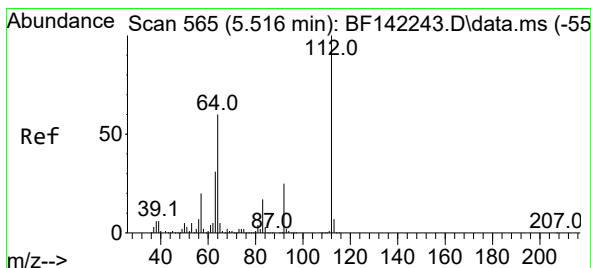
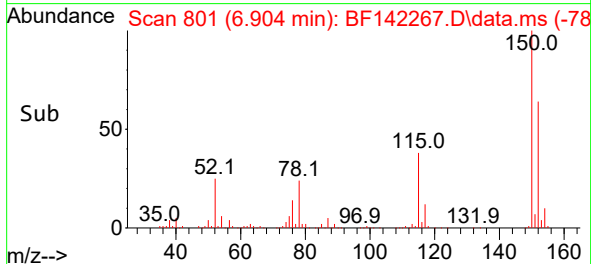
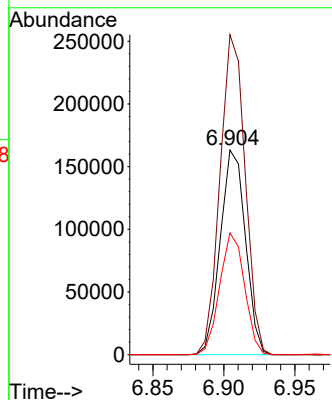
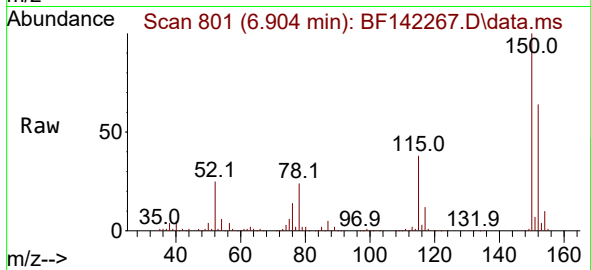




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142267.D
Acq: 01 May 2025 18:26

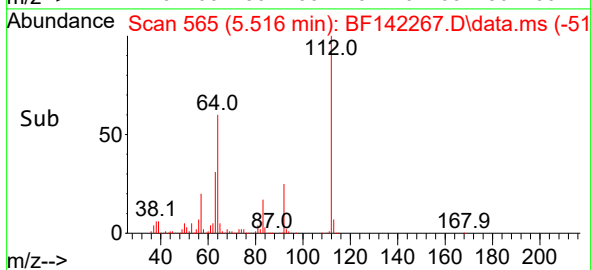
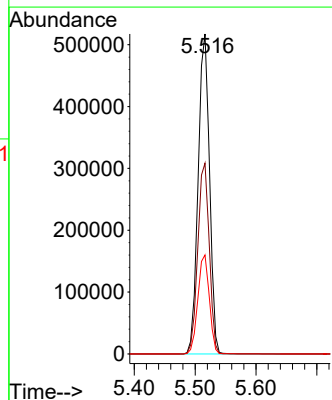
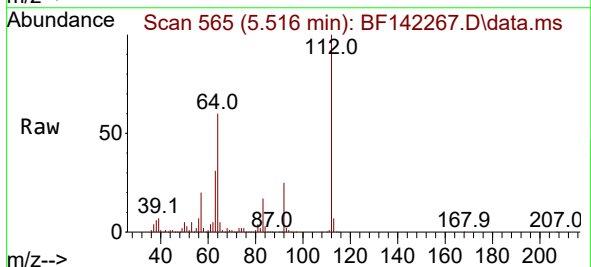
Instrument :
BNA_F
ClientSampleId :
FB04262025

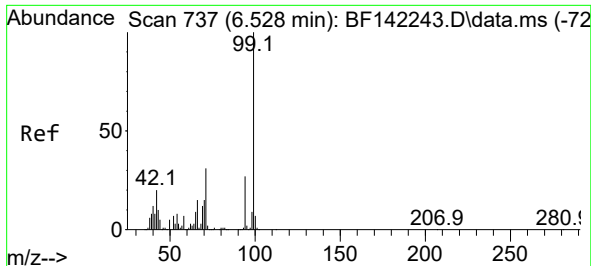
Tgt Ion:152 Resp: 201475
Ion Ratio Lower Upper
152 100
150 156.4 130.2 195.2
115 59.5 47.0 70.4



#5
2-Fluorophenol
Concen: 53.218 ng
RT: 5.516 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF142267.D
Acq: 01 May 2025 18:26

Tgt Ion:112 Resp: 671365
Ion Ratio Lower Upper
112 100
64 59.6 48.4 72.6
63 31.0 24.8 37.2

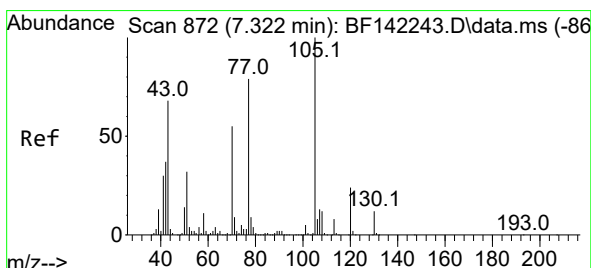
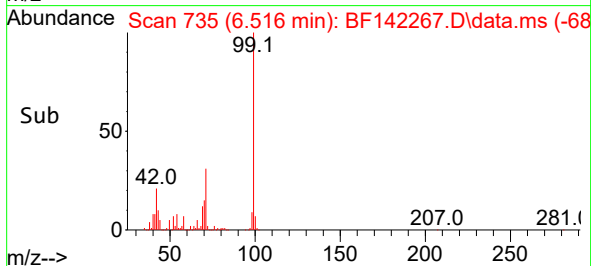
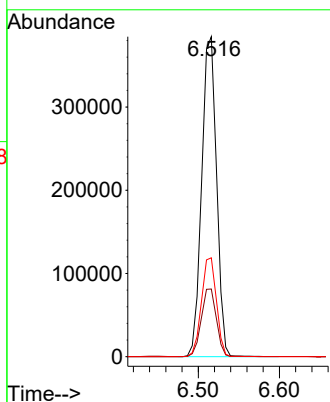
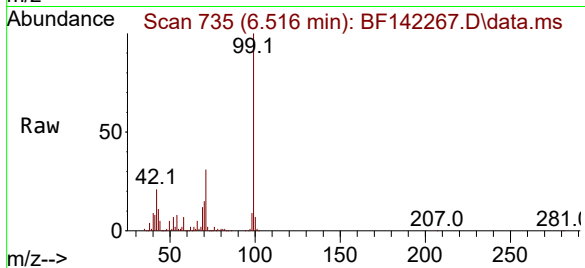




#7
Phenol-d6
Concen: 32.078 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142267.D
Acq: 01 May 2025 18:26

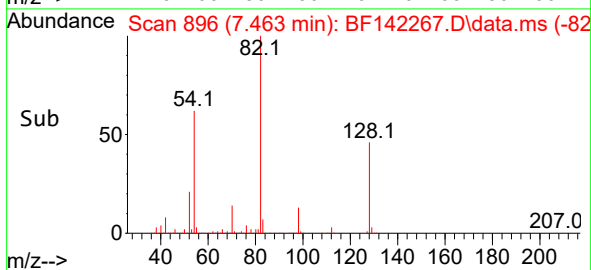
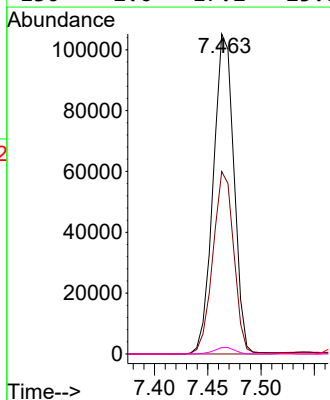
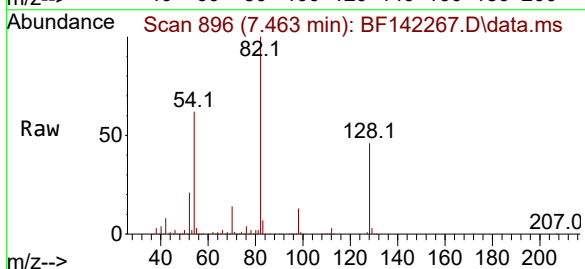
Instrument :
BNA_F
ClientSampleId :
FB04262025

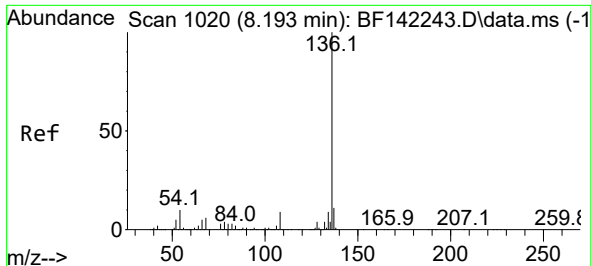
Tgt Ion: 99 Resp: 488672
Ion Ratio Lower Upper
99 100
42 21.1 16.3 24.5
71 30.9 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.107 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF142267.D
Acq: 01 May 2025 18:26

Tgt Ion: 70 Resp: 142215
Ion Ratio Lower Upper
70 100
42 57.0 53.4 80.2
101 0.0 7.7 11.5#
130 2.0 17.2 25.8#

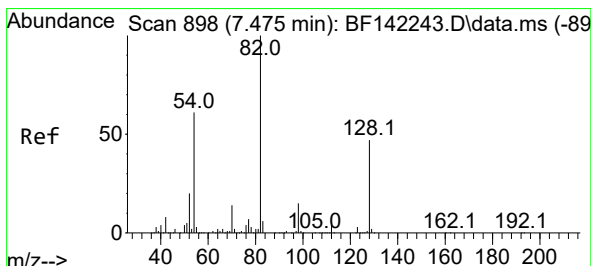
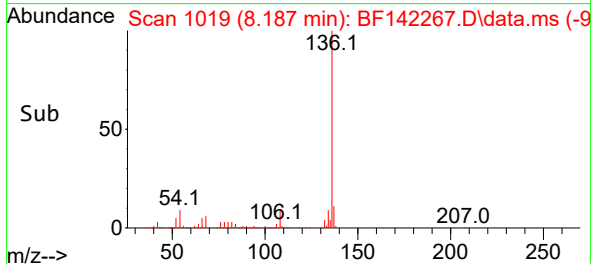
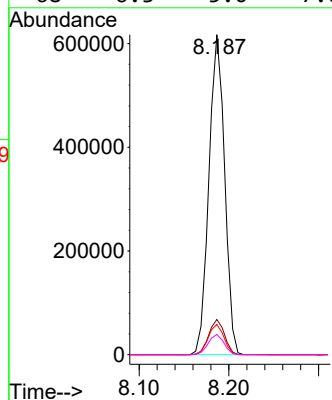
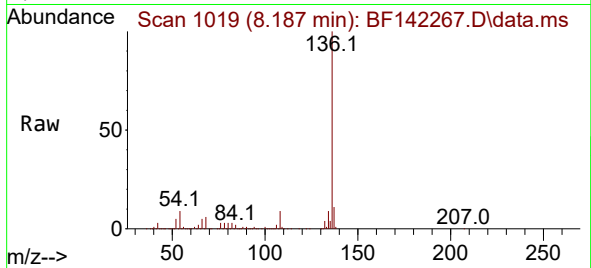




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142267.D
Acq: 01 May 2025 18:26

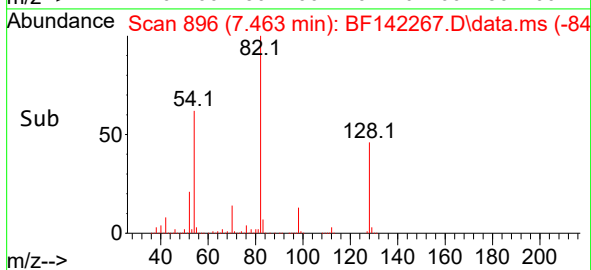
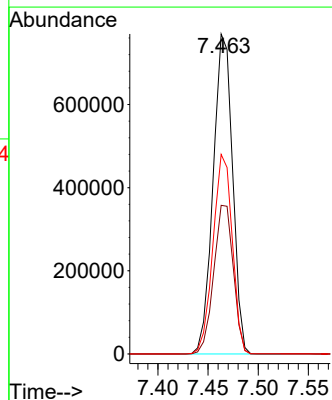
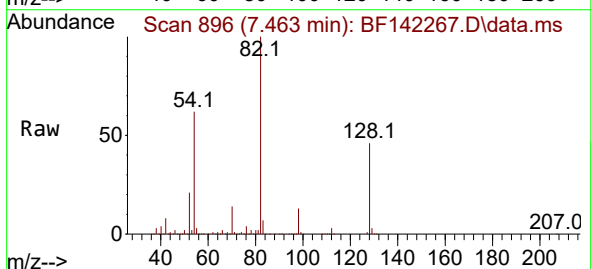
Instrument :
BNA_F
ClientSampleId :
FB04262025

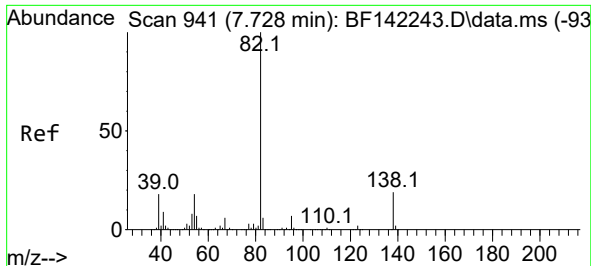
Tgt Ion:136	Resp: 750141
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 9.4	7.7 11.5
68 6.3	5.0 7.6



#23
Nitrobenzene-d5
Concen: 90.766 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF142267.D
Acq: 01 May 2025 18:26

Tgt Ion: 82		Resp: 1036374	
Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.0	55.6
54	62.4	48.0	72.0

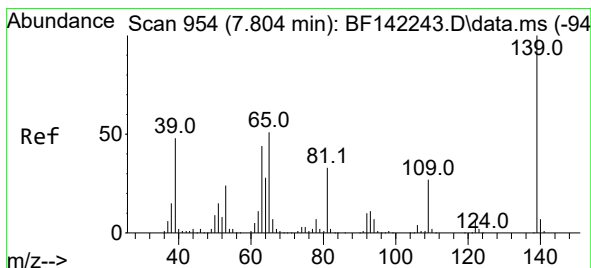
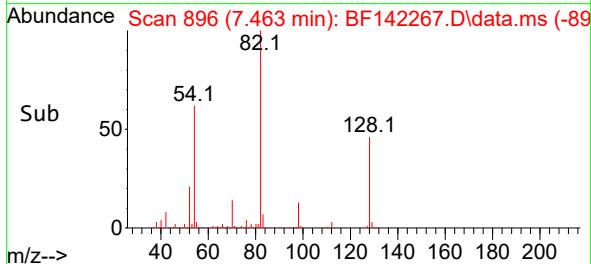
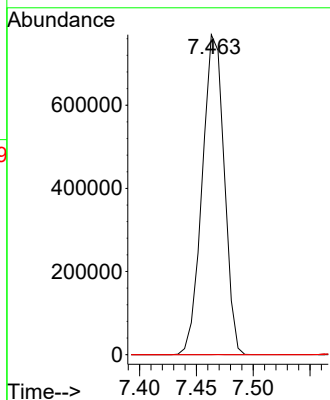
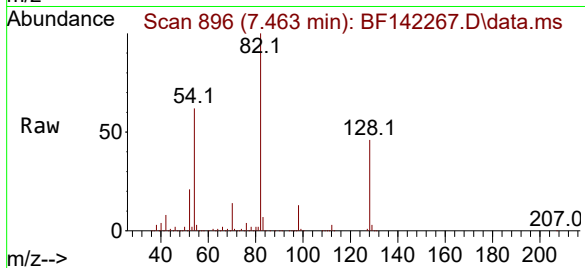




#25
Isophorone
Concen: 43.178 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142267.D
Acq: 01 May 2025 18:26

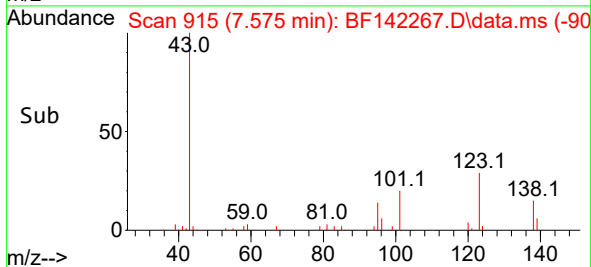
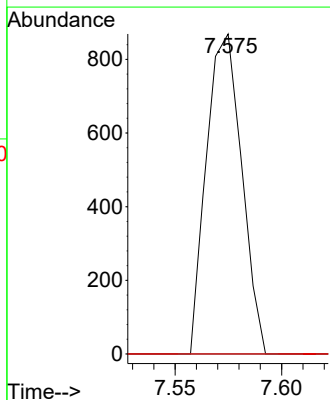
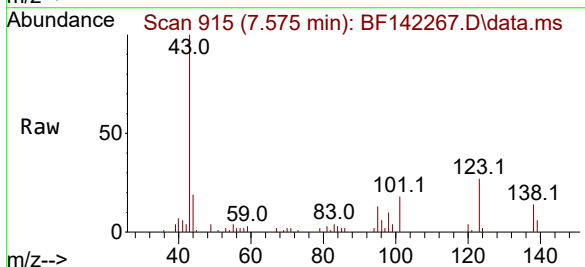
Instrument :
BNA_F
ClientSampleId :
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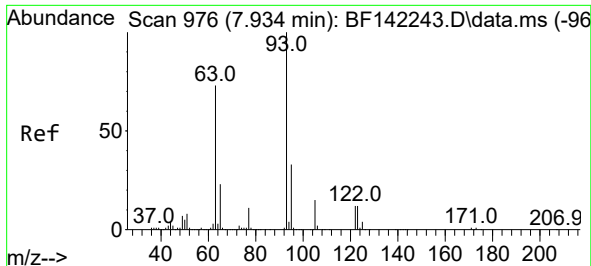
Tgt Ion: 82 Resp: 1034686
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.3 22.9#



#26
2-Nitrophenol
Concen: 5.153 ng
RT: 7.575 min Scan# 915
Delta R.T. -0.229 min
Lab File: BF142267.D
Acq: 01 May 2025 18:26

Tgt Ion: 139 Resp: 1001
Ion Ratio Lower Upper
139 100
109 0.0 21.8 32.8#
65 0.0 41.1 61.7#

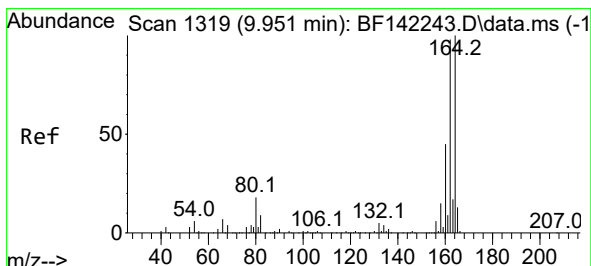
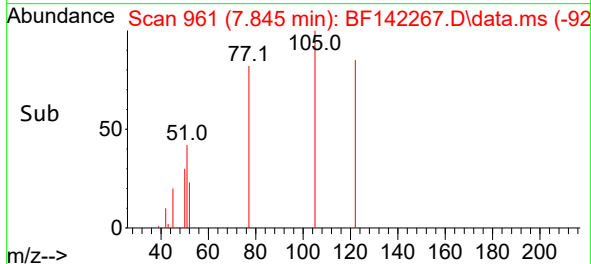
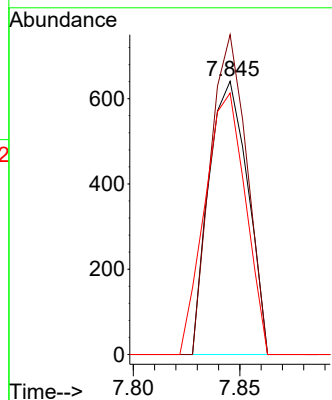
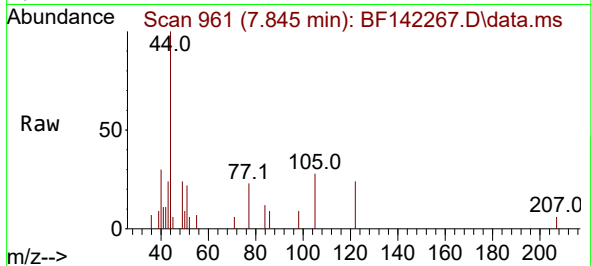




#32
Benzoic acid
Concen: 10.918 ng
RT: 7.845 min Scan# 90
Delta R.T. -0.089 min
Lab File: BF142267.D
Acq: 01 May 2025 18:26

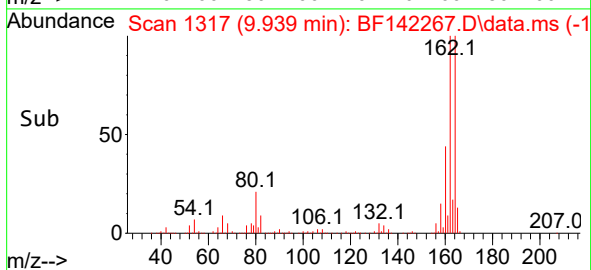
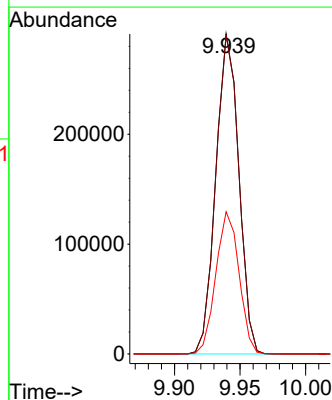
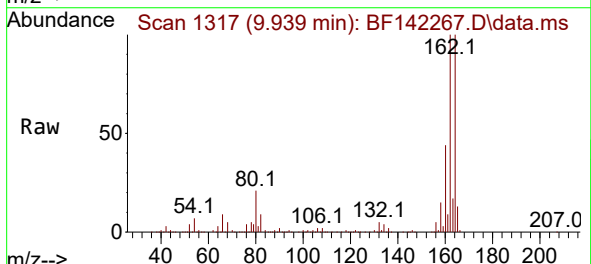
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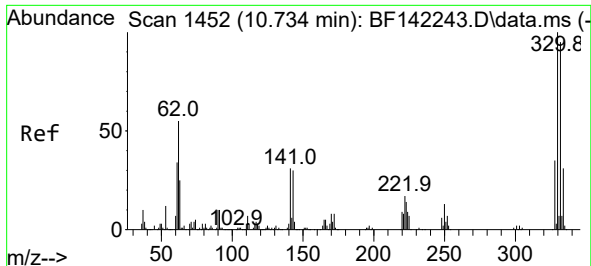
Tgt Ion:122 Resp: 813
Ion Ratio Lower Upper
122 100
105 117.0 98.2 138.2
77 95.6 66.8 106.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.012 min
Lab File: BF142267.D
Acq: 01 May 2025 18:26

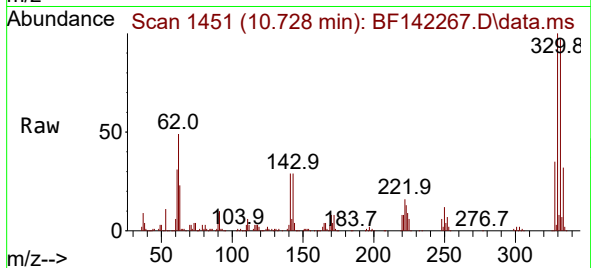
Tgt Ion:164 Resp: 355308
Ion Ratio Lower Upper
164 100
162 99.5 78.6 117.8
160 44.5 35.7 53.5



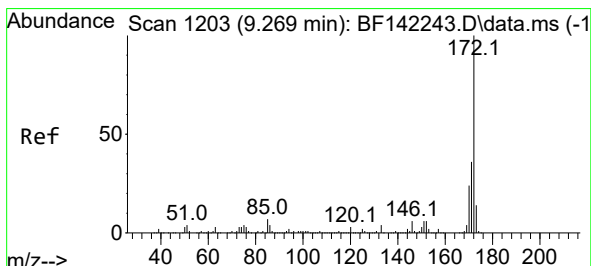
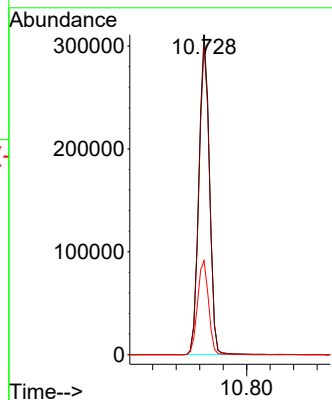
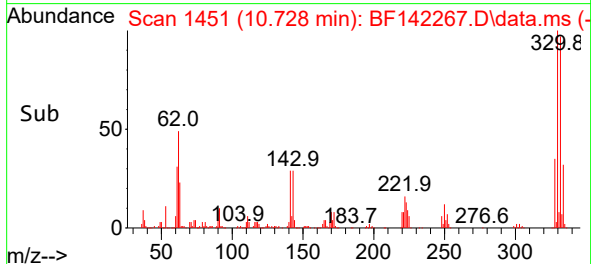


#42
2,4,6-Tribromophenol
Concen: 119.620 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142267.D
Acq: 01 May 2025 18:26

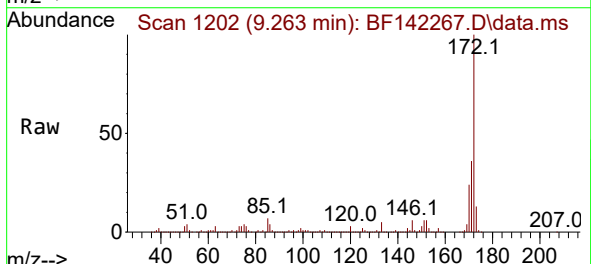
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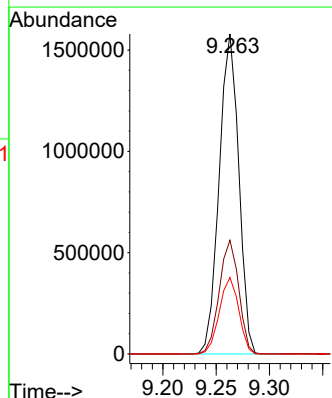
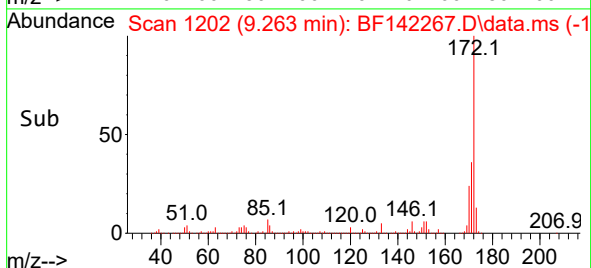
Tgt Ion: 330 Resp: 387463
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 30.6 24.3 36.5

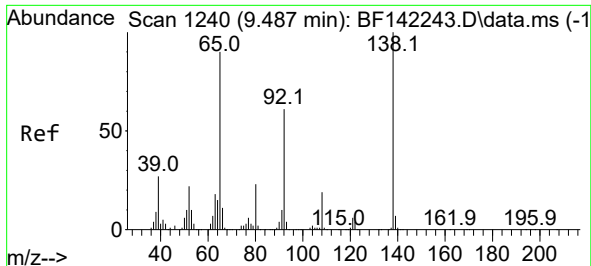


#45
2-Fluorobiphenyl
Concen: 79.995 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142267.D
Acq: 01 May 2025 18:26



Tgt Ion: 172 Resp: 2015860
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.4
170 23.9 19.4 29.0





#48

2-Nitroaniline

Concen: 4.811 ng

RT: 9.375 min Scan# 11

Delta R.T. -0.112 min

Lab File: BF142267.D

Acq: 01 May 2025 18:26

Instrument :

BNA_F

ClientSampleId :

FB04262025

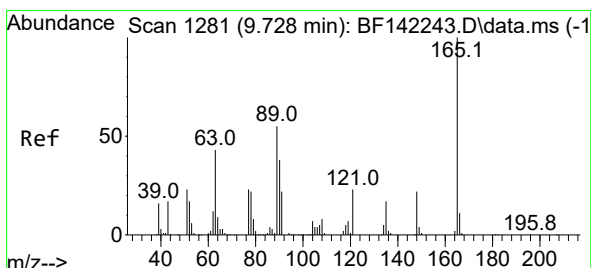
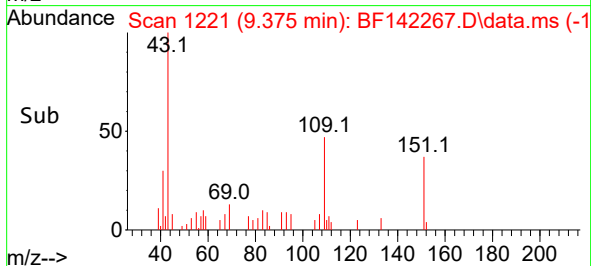
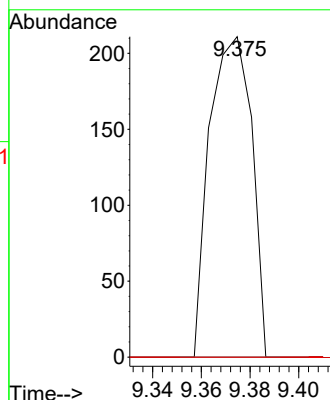
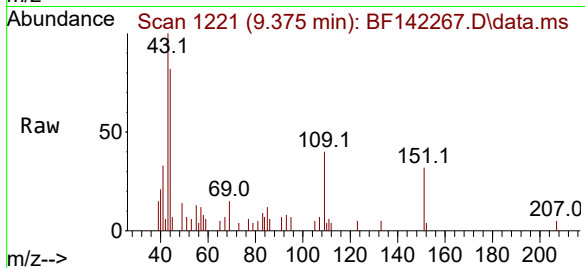
Tgt Ion: 65 Resp: 254

Ion Ratio Lower Upper

65 100

92 0.0 54.3 81.5#

138 0.0 88.6 133.0#



#51

2,6-Dinitrotoluene

Concen: 13.704 ng

RT: 9.939 min Scan# 1317

Delta R.T. 0.211 min

Lab File: BF142267.D

Acq: 01 May 2025 18:26

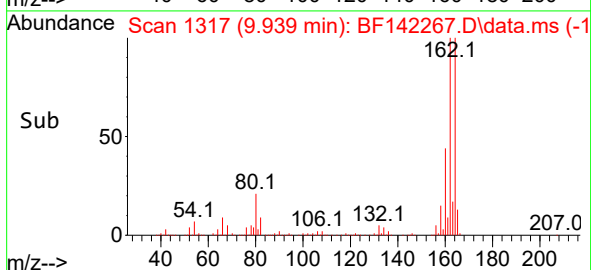
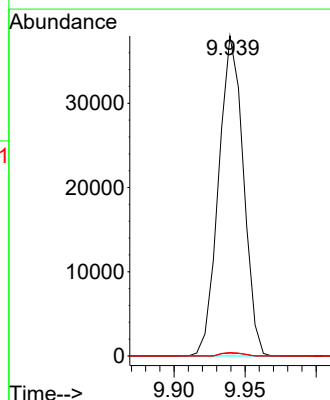
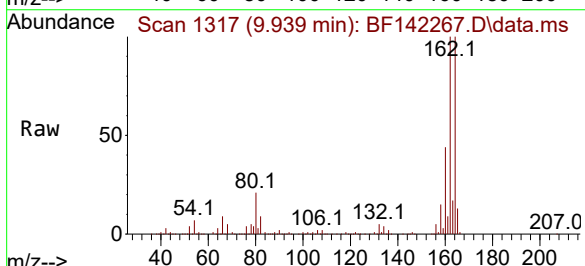
Tgt Ion:165 Resp: 46063

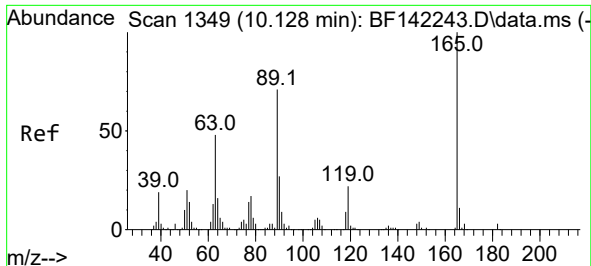
Ion Ratio Lower Upper

165 100

63 0.9 48.5 72.7#

89 1.1 43.9 65.9#

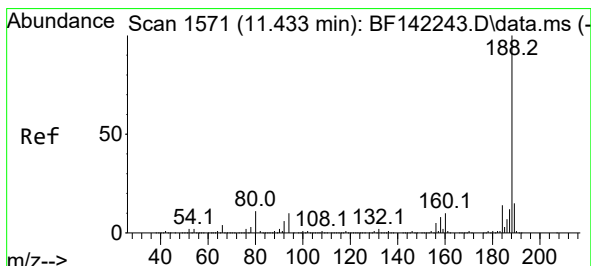
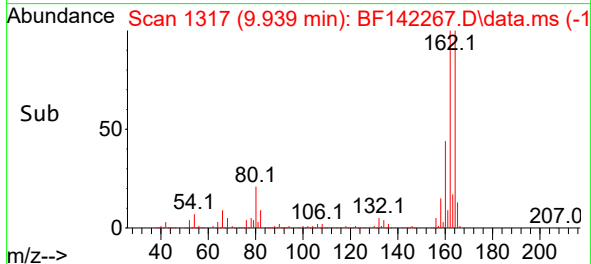
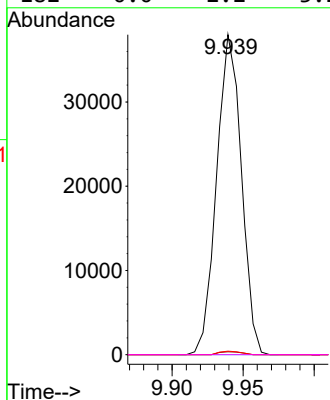
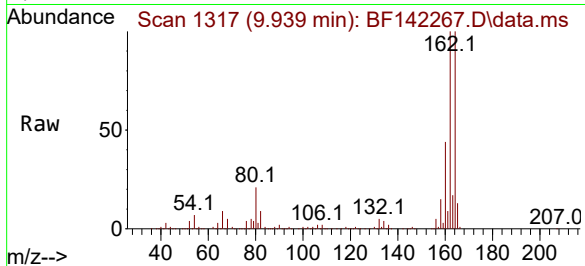




#57
2,4-Dinitrotoluene
Concen: 12.840 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF142267.D
Acq: 01 May 2025 18:26

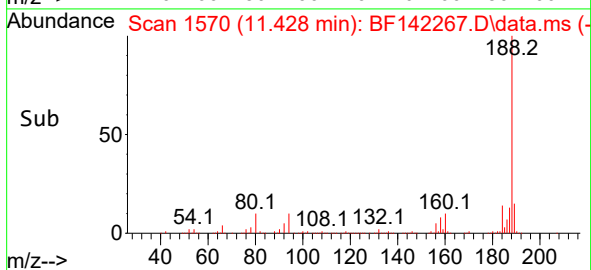
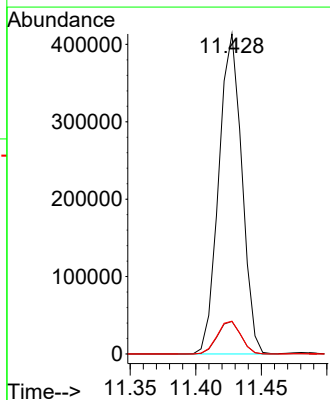
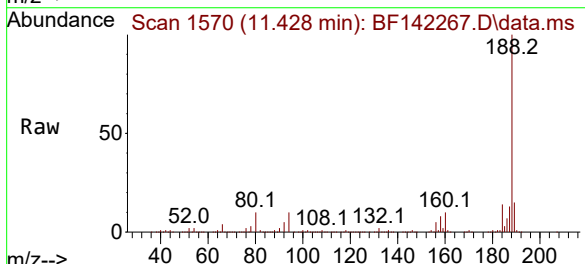
Instrument :
BNA_F
ClientSampleId :
FB04262025

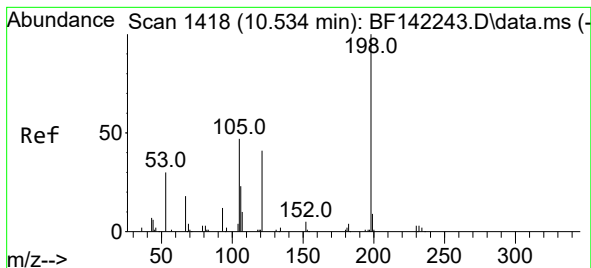
Tgt Ion:165 Resp: 46063
Ion Ratio Lower Upper
165 100
63 0.9 38.8 58.2#
89 1.1 57.1 85.7#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142267.D
Acq: 01 May 2025 18:26

Tgt Ion:188 Resp: 506536
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 10.3 8.6 12.8

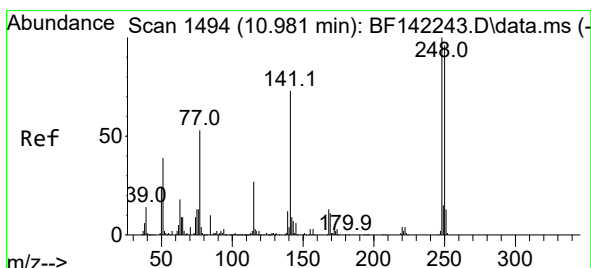
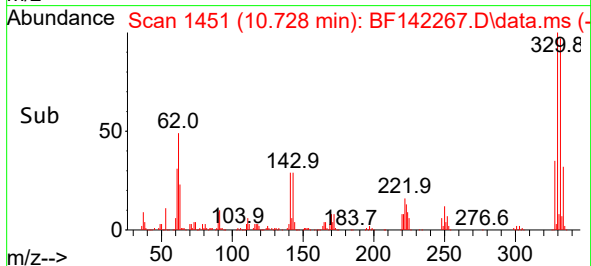
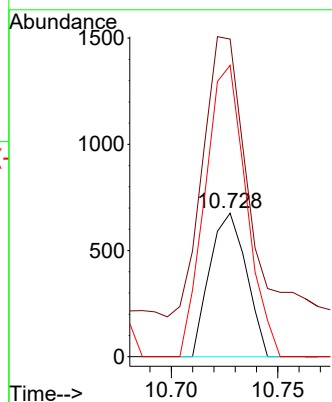
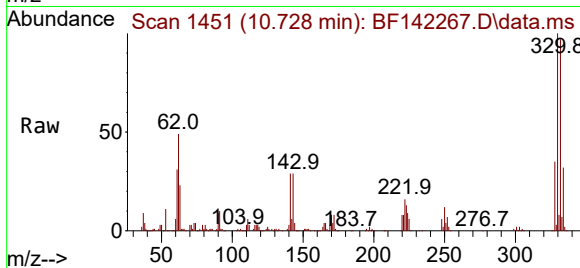




#65
4,6-Dinitro-2-methylphenol
Concen: 10.988 ng
RT: 10.728 min Scan# 1418
Delta R.T. 0.194 min
Lab File: BF142267.D
Acq: 01 May 2025 18:26

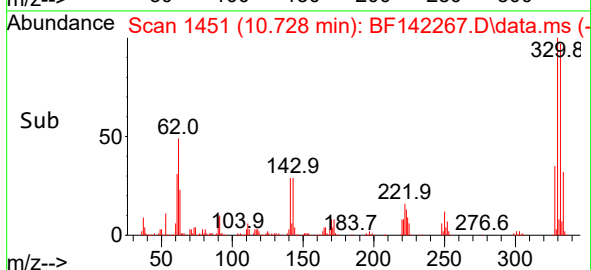
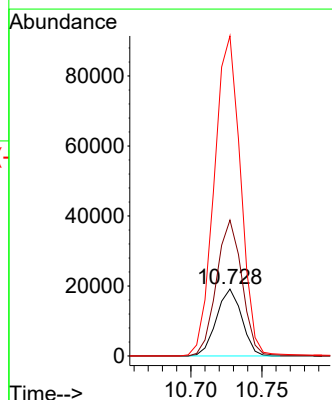
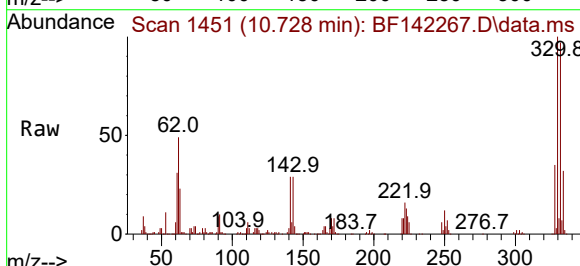
Instrument :
BNA_F
ClientSampleId :
FB04262025

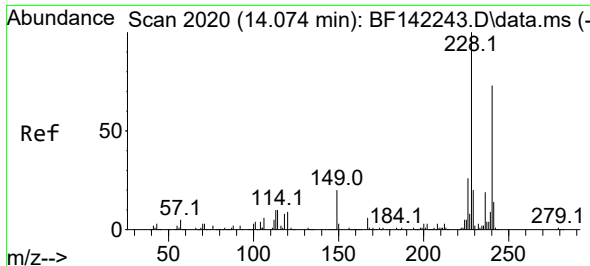
Tgt Ion:198 Resp: 807
Ion Ratio Lower Upper
198 100
51 221.3 40.6 80.6#
105 203.0 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 4.208 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.253 min
Lab File: BF142267.D
Acq: 01 May 2025 18:26

Tgt Ion:248 Resp: 23738
Ion Ratio Lower Upper
248 100
250 203.1 77.2 115.8#
141 478.5 58.4 87.6#

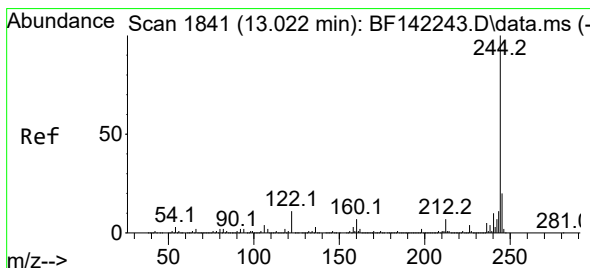
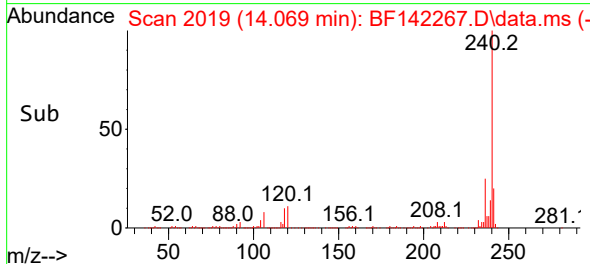
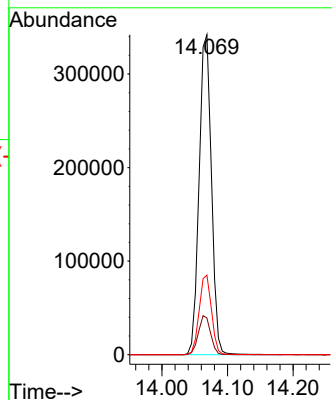
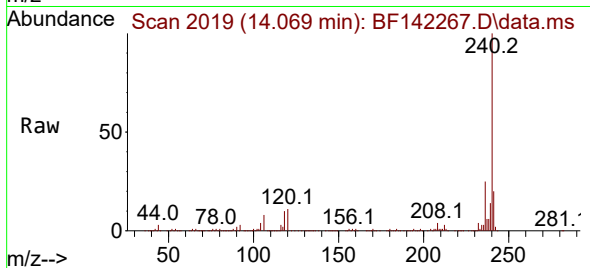




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142267.D
Acq: 01 May 2025 18:26

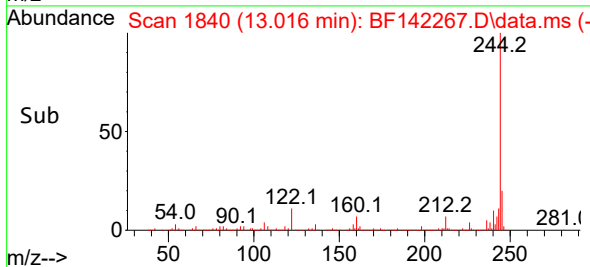
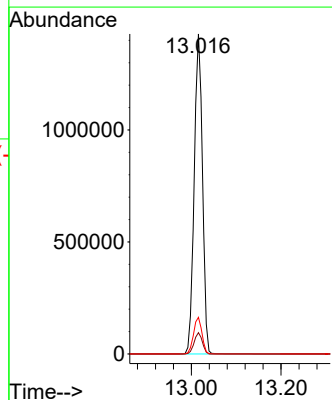
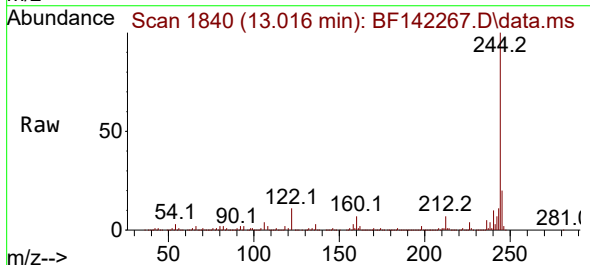
Instrument :
BNA_F
ClientSampleId :
FB04262025

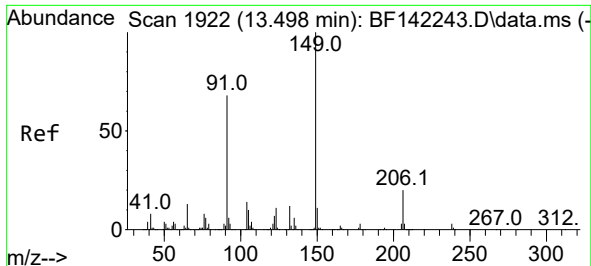
Tgt Ion:240 Resp: 447799
Ion Ratio Lower Upper
240 100
120 11.4 10.1 15.1
236 24.9 20.5 30.7



#79
Terphenyl-d14
Concen: 59.132 ng
RT: 13.016 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF142267.D
Acq: 01 May 2025 18:26

Tgt Ion:244 Resp: 1820619
Ion Ratio Lower Upper
244 100
212 6.6 5.3 7.9
122 11.5 9.1 13.7

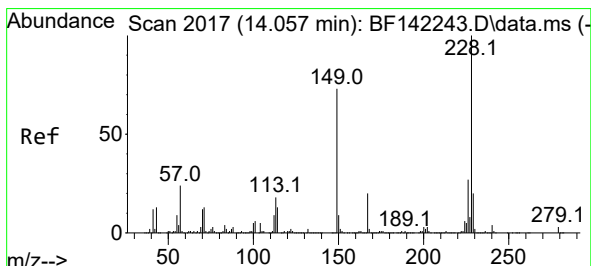
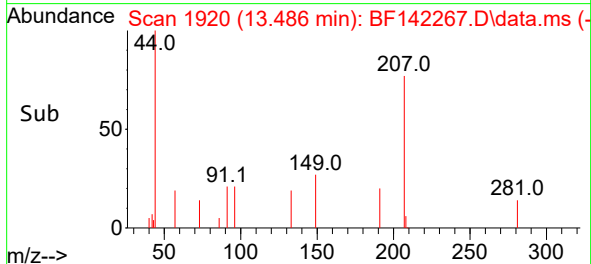
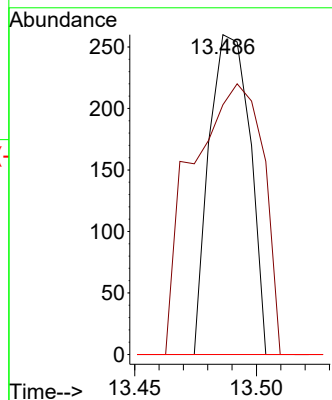
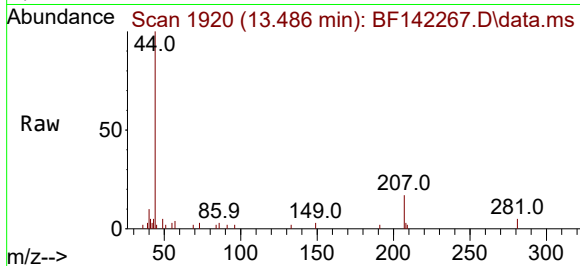




#80
 Butylbenzylphthalate
 Concen: 3.741 ng
 RT: 13.486 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF142267.D
 Acq: 01 May 2025 18:26

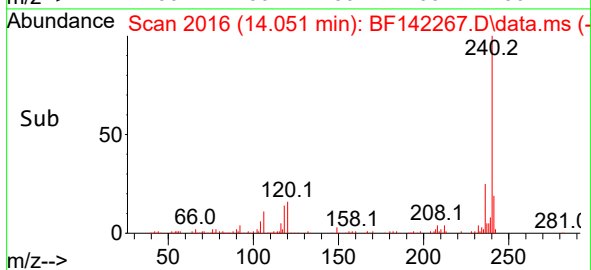
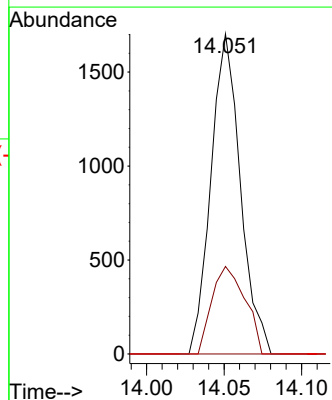
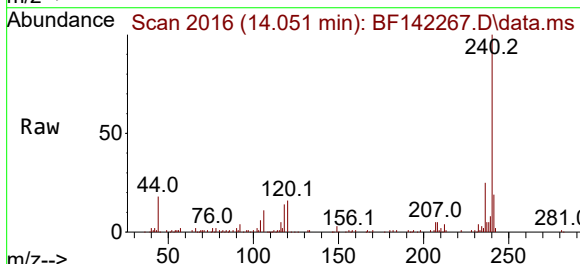
Instrument :
 BNA_F
 ClientSampleId :
 FB04262025

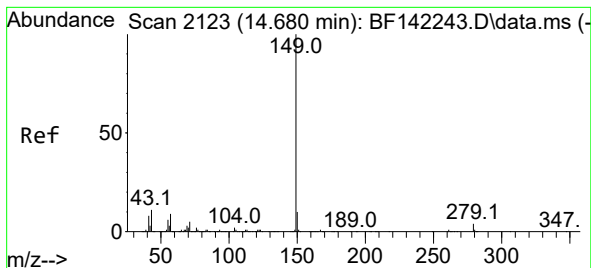
Tgt Ion:149	Resp:	302
Ion Ratio	Lower	Upper
149	100	
91	78.1	54.4 81.6
206	0.0	15.9 23.9#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.588 ng
 RT: 14.051 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: BF142267.D
 Acq: 01 May 2025 18:26

Tgt Ion:149	Resp:	2249
Ion Ratio	Lower	Upper
149	100	
167	27.4	21.7 32.5
279	0.0	3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 6.086 ng

RT: 14.663 min Scan# 2123

Delta R.T. -0.017 min

Lab File: BF142267.D

Acq: 01 May 2025 18:26

Instrument :

BNA_F

ClientSampleId :

FB04262025

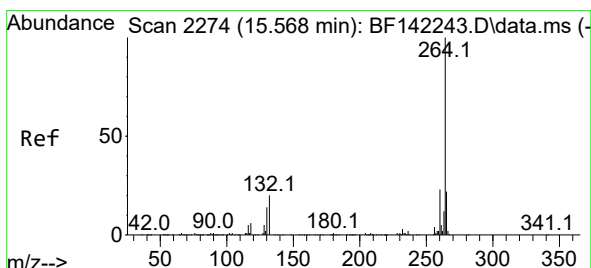
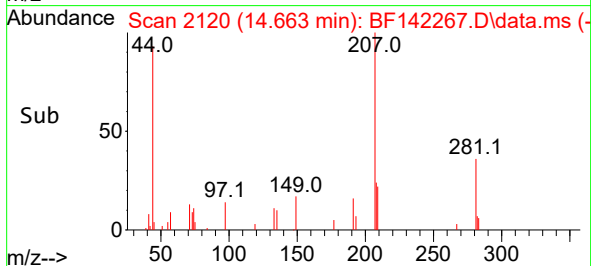
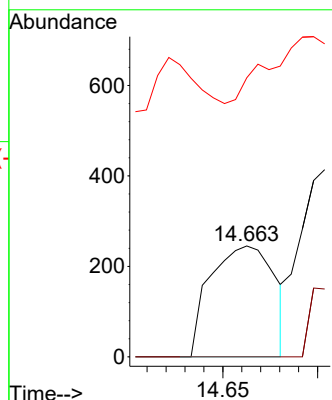
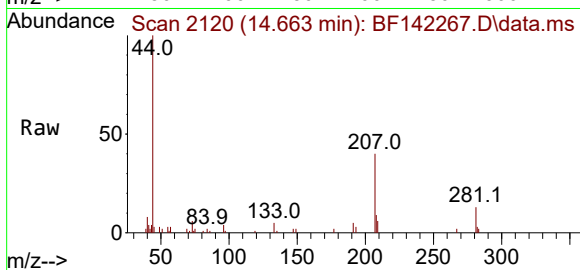
Tgt Ion:149 Resp: 576

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 0.0 9.3 13.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF142267.D

Acq: 01 May 2025 18:26

Tgt Ion:264 Resp: 425092

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 21.5 17.3 25.9

