

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142385.D
 Acq On : 15 May 2025 10:37
 Operator : RC/JU
 Sample : PB167951BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167951BL

Quant Time: May 15 11:06:43 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)

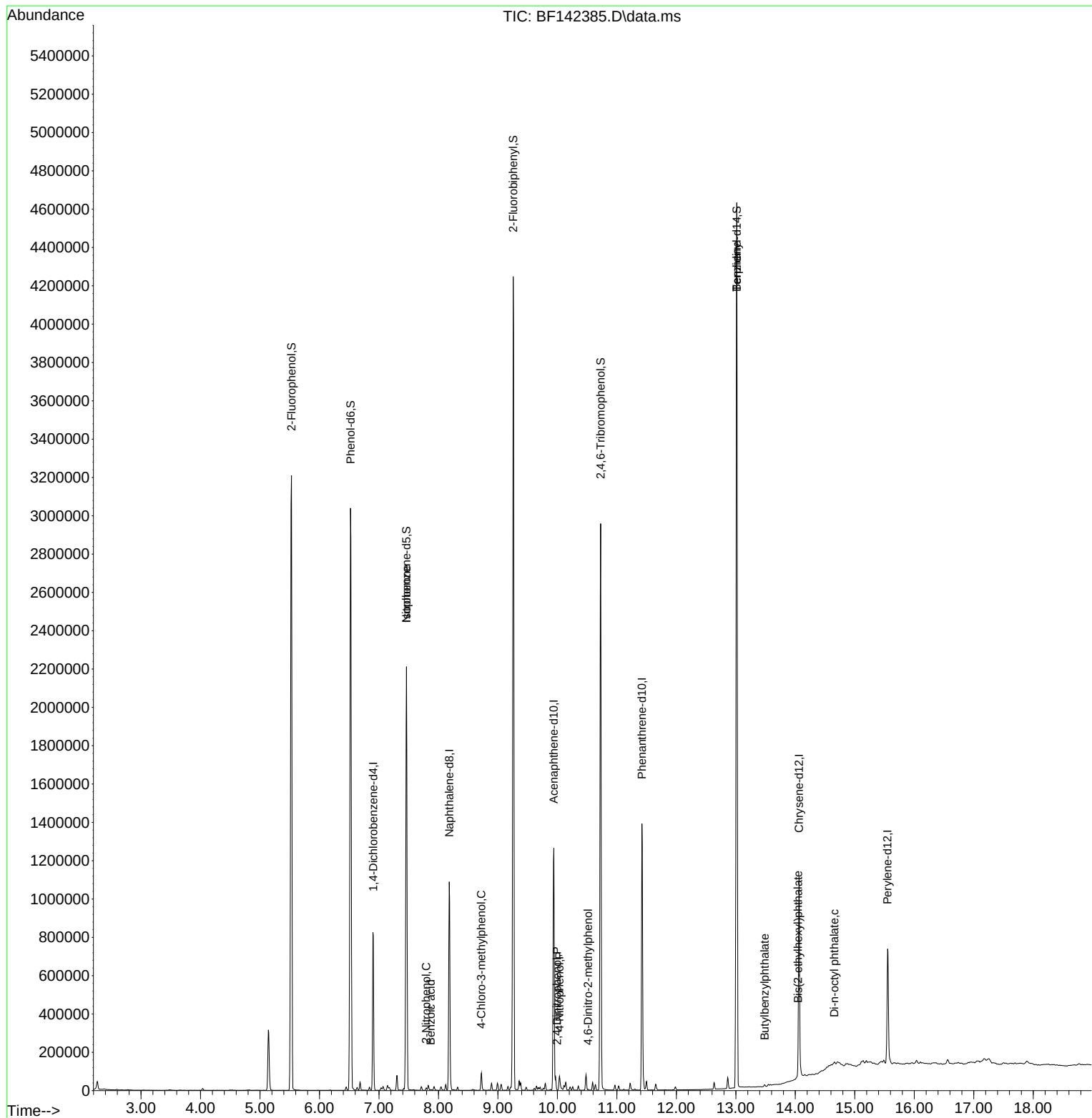
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	182996	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	716318	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	391073	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	726822	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	497782	20.000	ng	0.00
86) Perylene-d12	15.551	264	375900	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1351432	126.068	ng	0.02
7) Phenol-d6	6.522	99	1625642	123.299	ng	0.00
23) Nitrobenzene-d5	7.463	82	1009960	85.988	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	584610	154.833	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2044339	74.538	ng	0.00
79) Terphenyl-d14	13.016	244	2449976	72.848	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.463	82	999990	44.960	ng	# 62
26) 2-Nitrophenol	7.793	139	3233	4.642	ng	95
32) Benzoic acid	7.869	122	1869	6.334	ng	91
36) 4-Chloro-3-methylphenol	8.722	107	26362	2.667	ng	99
54) 2,4-Dinitrophenol	9.992	184	430	7.820	ng	# 11
56) 4-Nitrophenol	10.034	139	20663	4.980	ng	95
65) 4,6-Dinitro-2-methylph...	10.516	198	740	7.371	ng	# 68
77) Benzidine	13.016	184	29383	3.248	ng	# 96
80) Butylbenzylphthalate	13.486	149	3552	3.913	ng	96
84) Bis(2-ethylhexyl)phtha...	14.045	149	3430	4.423	ng	# 91
85) Di-n-octyl phthalate	14.657	149	6013	8.005	ng	# 71

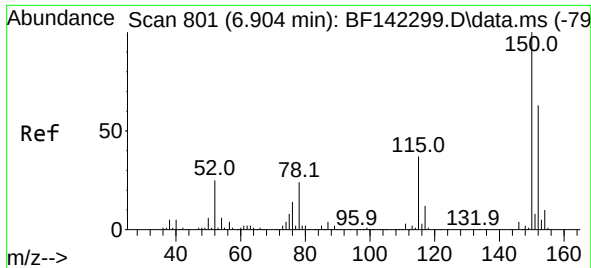
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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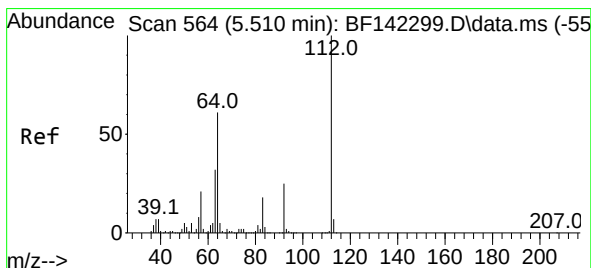
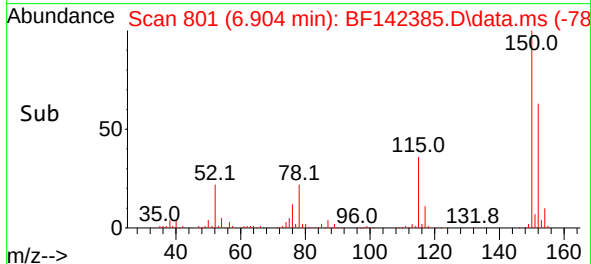
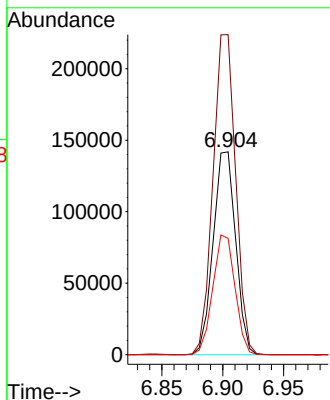
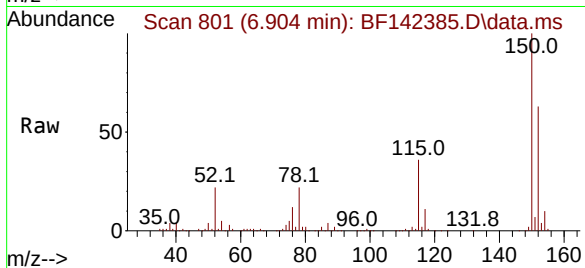




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142385.D
 Acq: 15 May 2025 10:37

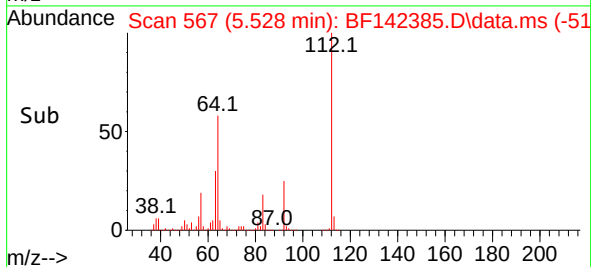
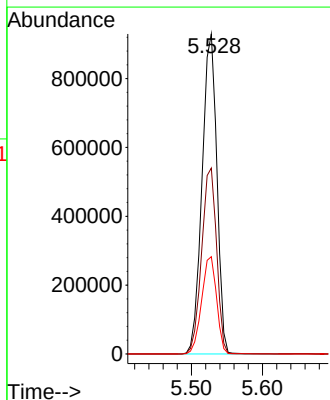
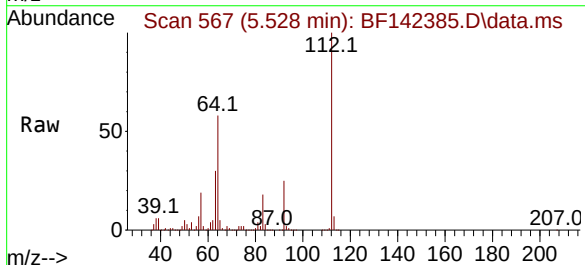
Instrument :
 BNA_F
 ClientSampleId :
 PB167951BL

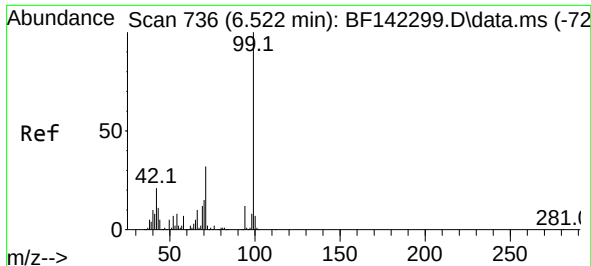
Tgt Ion:152 Resp: 182996
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.6 190.0
 115 57.3 47.3 70.9



#5
 2-Fluorophenol
 Concen: 126.068 ng
 RT: 5.528 min Scan# 567
 Delta R.T. 0.018 min
 Lab File: BF142385.D
 Acq: 15 May 2025 10:37

Tgt Ion:112 Resp: 1351432
 Ion Ratio Lower Upper
 112 100
 64 58.1 48.9 73.3
 63 30.4 25.6 38.4

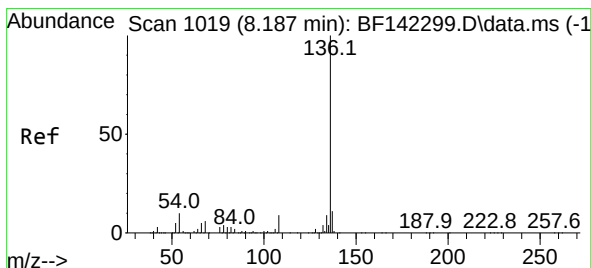
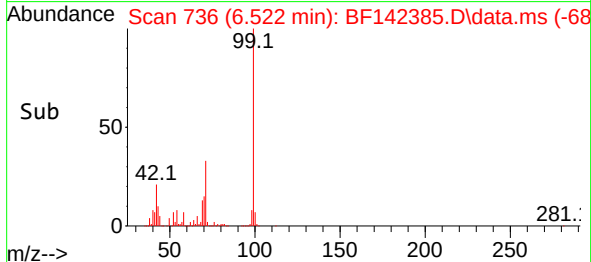
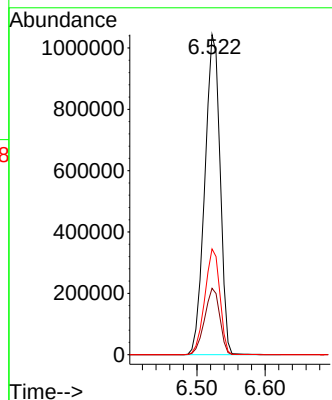
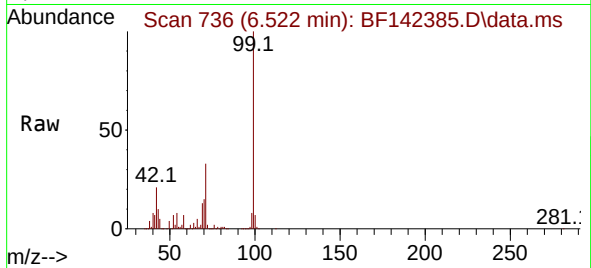




#7
Phenol-d6
Concen: 123.299 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

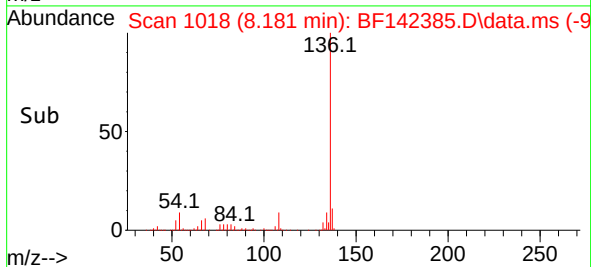
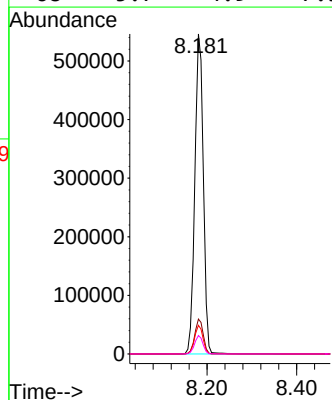
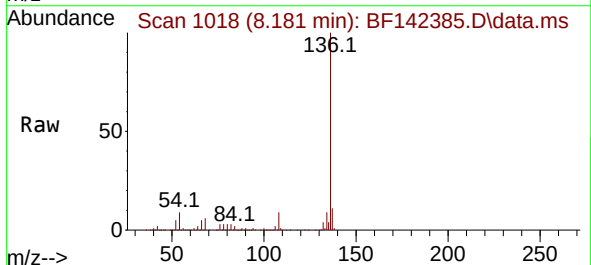
Instrument :
BNA_F
ClientSampleId :
PB167951BL

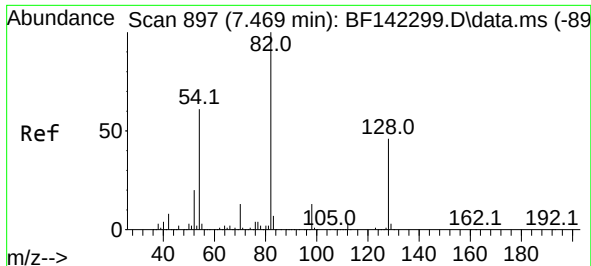
Tgt Ion: 99 Resp: 1625642
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.4
71 33.1 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

Tgt Ion: 136 Resp: 716318
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.0 7.7 11.5
68 5.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 85.988 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF142385.D

Acq: 15 May 2025 10:37

Instrument :

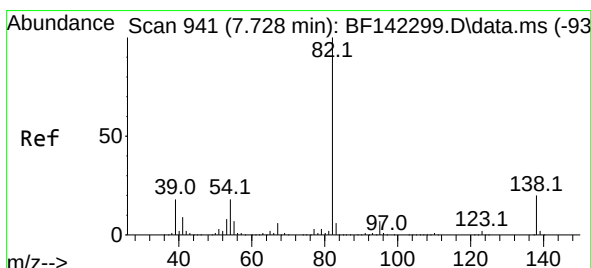
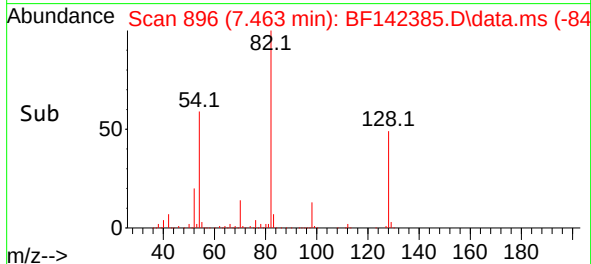
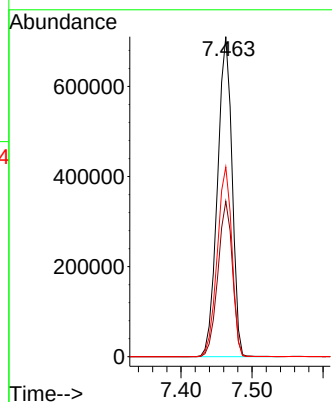
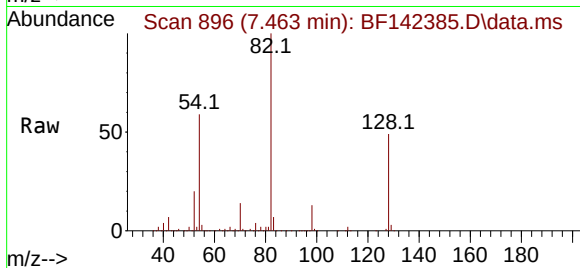
BNA_F

ClientSampleId :

PB167951BL

Tgt Ion: 82 Resp: 1009960

Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.0	55.6
54	59.3	48.6	73.0



#25

Isophorone

Concen: 44.960 ng

RT: 7.463 min Scan# 896

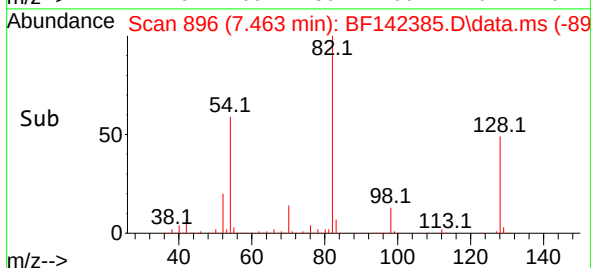
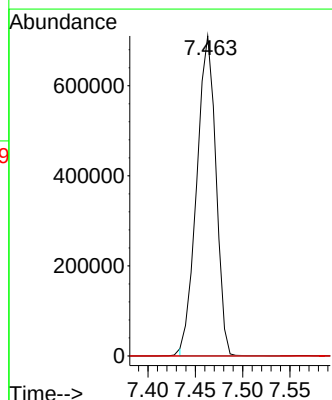
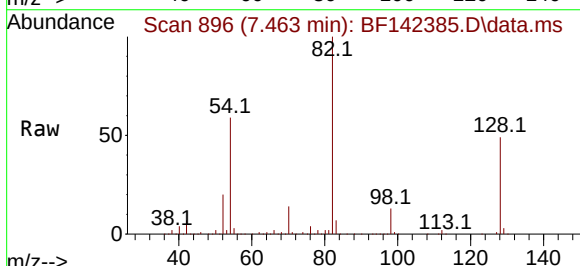
Delta R.T. -0.265 min

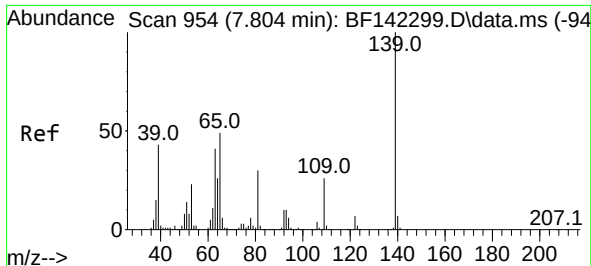
Lab File: BF142385.D

Acq: 15 May 2025 10:37

Tgt Ion: 82 Resp: 999990

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	16.1	24.1#

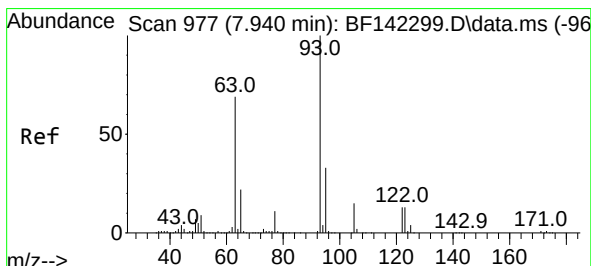
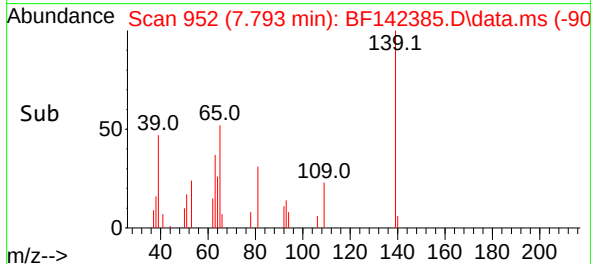
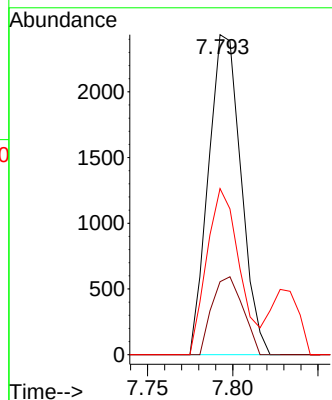
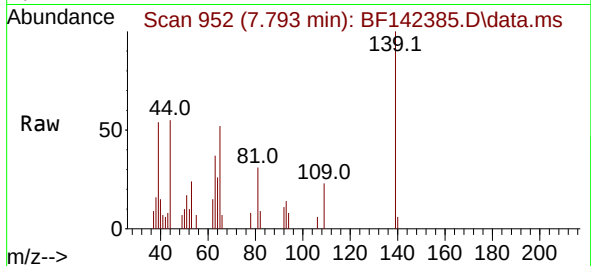




#26
2-Nitrophenol
Concen: 4.642 ng
RT: 7.793 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

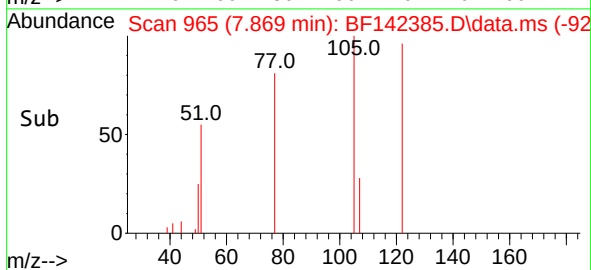
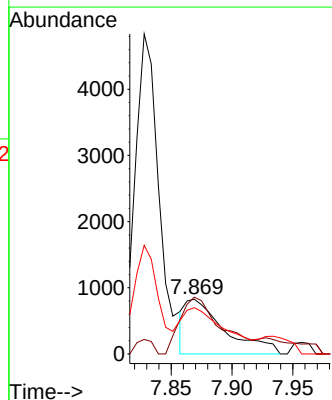
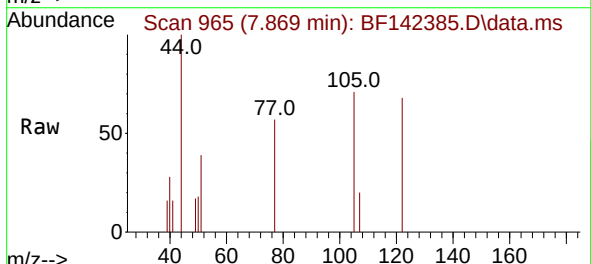
Instrument :
BNA_F
ClientSampleId :
PB167951BL

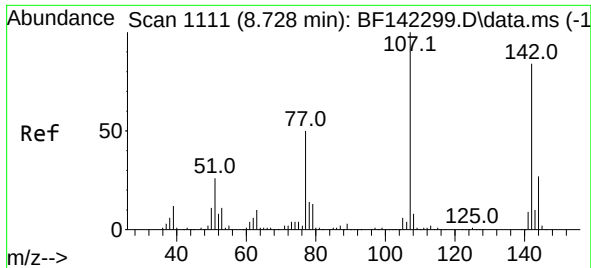
Tgt Ion:139 Resp: 3233
Ion Ratio Lower Upper
139 100
109 22.8 20.8 31.2
65 51.9 38.9 58.3



#32
Benzoic acid
Concen: 6.334 ng
RT: 7.869 min Scan# 965
Delta R.T. -0.071 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

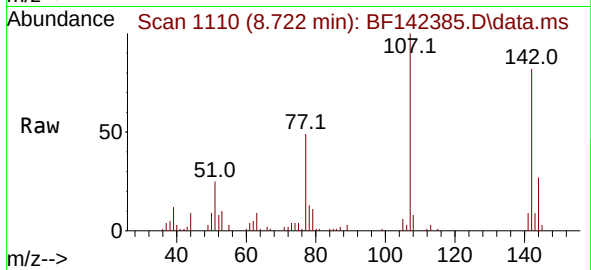
Tgt Ion:122 Resp: 1869
Ion Ratio Lower Upper
122 100
105 104.0 97.9 137.9
77 84.6 67.7 107.7



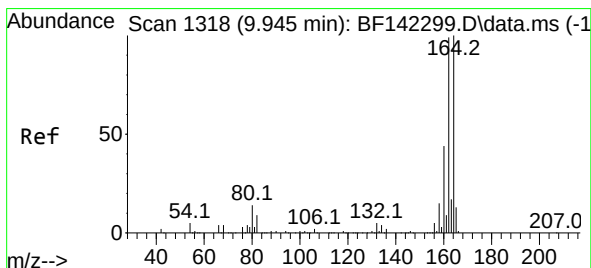
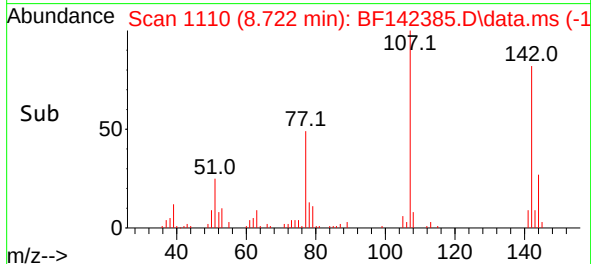
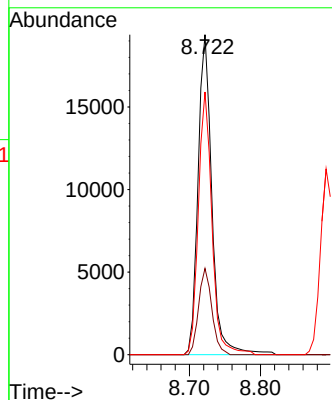


#36
4-Chloro-3-methylphenol
Concen: 2.667 ng
RT: 8.722 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

Instrument :
BNA_F
ClientSampleId :
PB167951BL

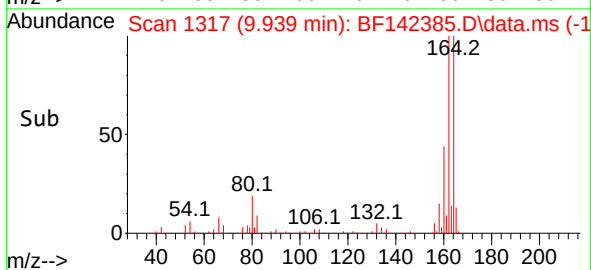
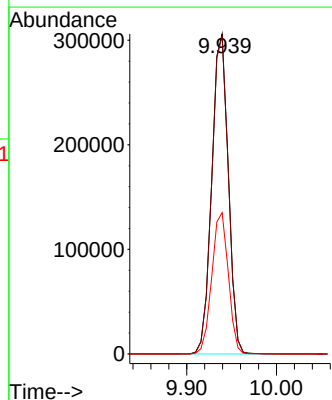
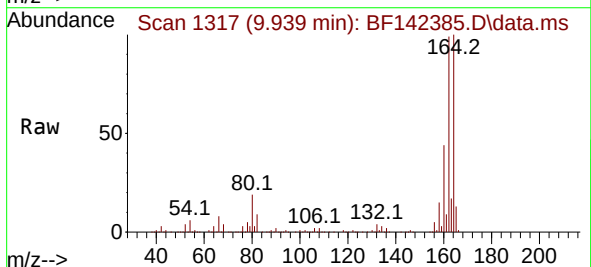


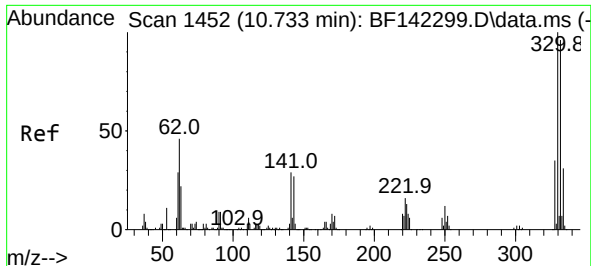
Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.3	31.9
142	82.1	66.9	100.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.2	118.8
160	44.1	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 154.833 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142385.D

Acq: 15 May 2025 10:37

Instrument :

BNA_F

ClientSampleId :

PB167951BL

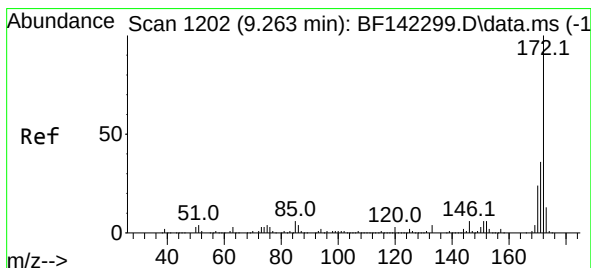
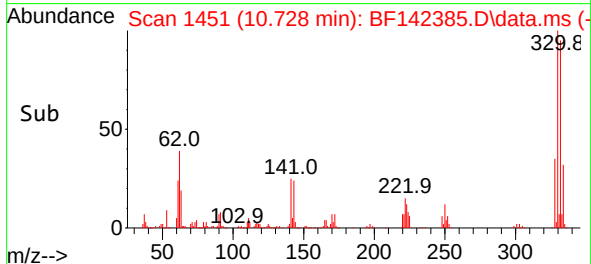
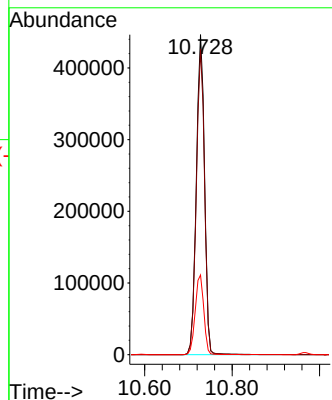
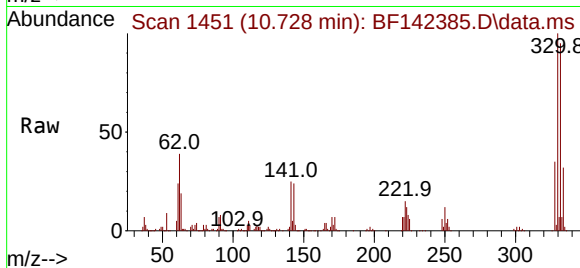
Tgt Ion:330 Resp: 584610

Ion Ratio Lower Upper

330 100

332 95.5 76.8 115.2

141 26.0 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 74.538 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142385.D

Acq: 15 May 2025 10:37

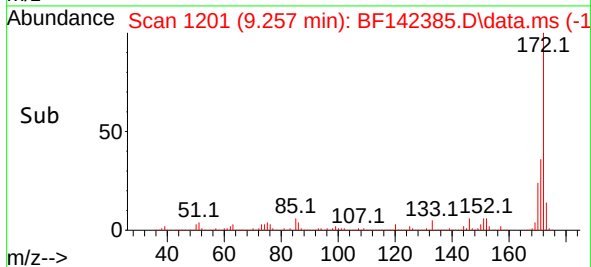
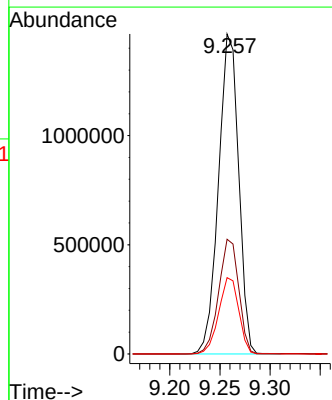
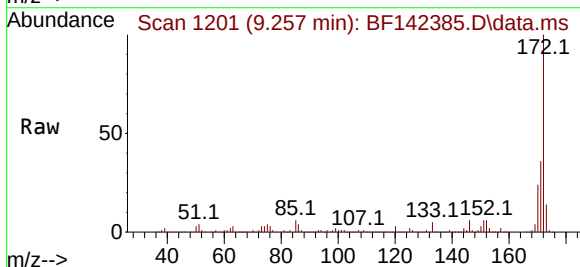
Tgt Ion:172 Resp: 2044339

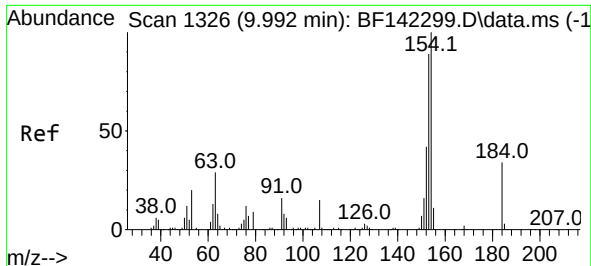
Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

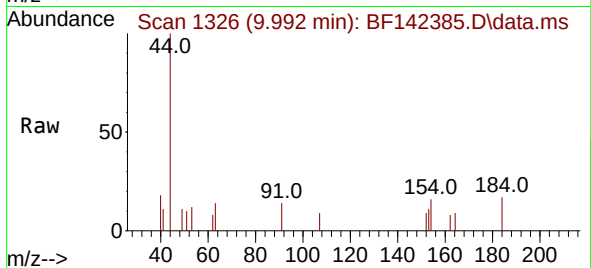
170 23.9 19.0 28.4



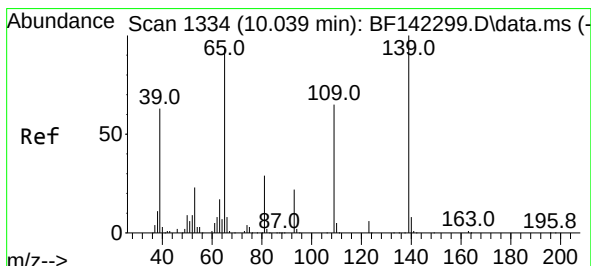
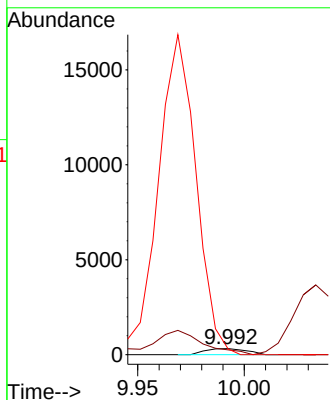
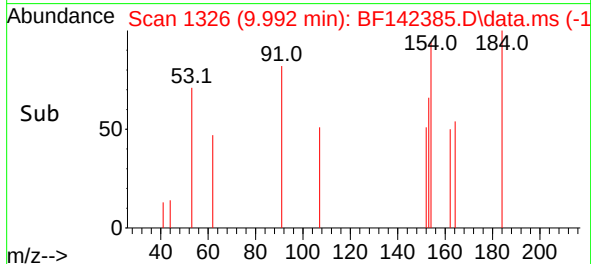


#54
2,4-Dinitrophenol
Concen: 7.820 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

Instrument :
BNA_F
ClientSampleId :
PB167951BL

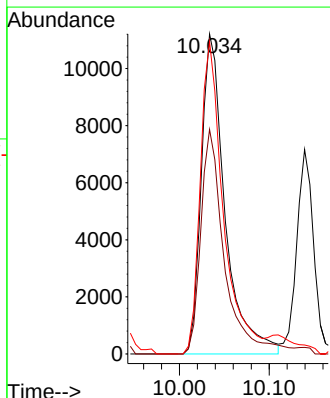
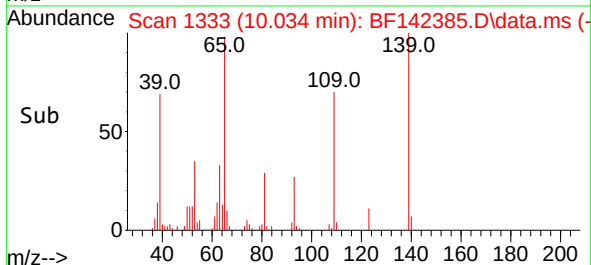
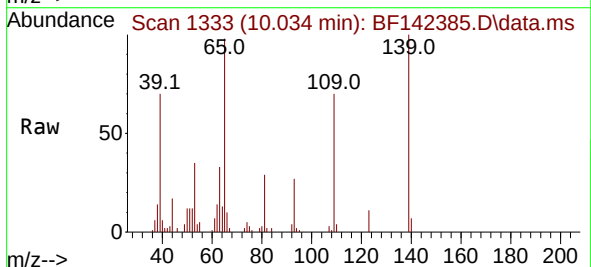


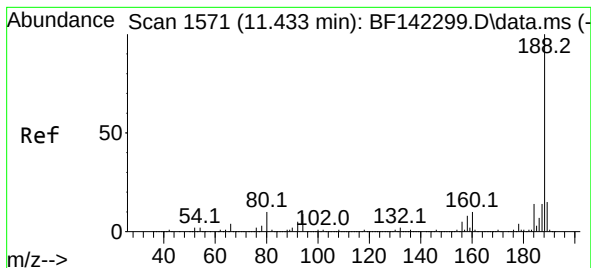
Tgt Ion:184 Resp: 430
Ion Ratio Lower Upper
184 100
63 80.3 70.6 105.8
154 94.0 257.2 385.8#



#56
4-Nitrophenol
Concen: 4.980 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

Tgt Ion:139 Resp: 20663
Ion Ratio Lower Upper
139 100
109 70.1 45.3 85.3
65 97.6 73.9 113.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142385.D

Acq: 15 May 2025 10:37

Instrument :

BNA_F

ClientSampleId :

PB167951BL

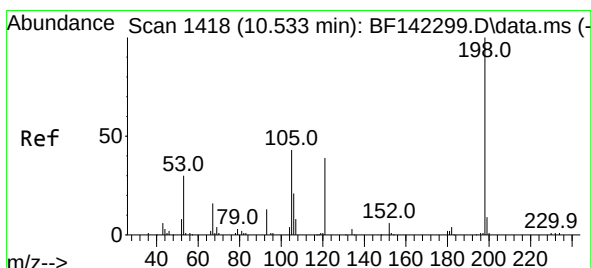
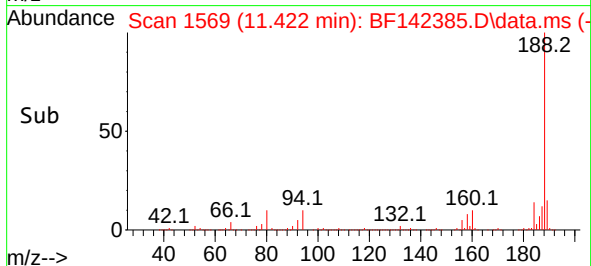
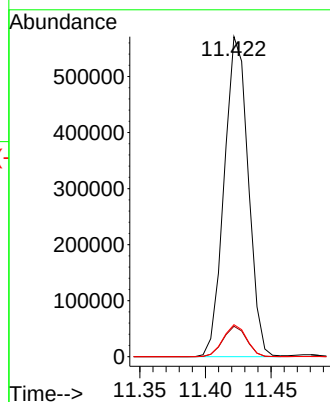
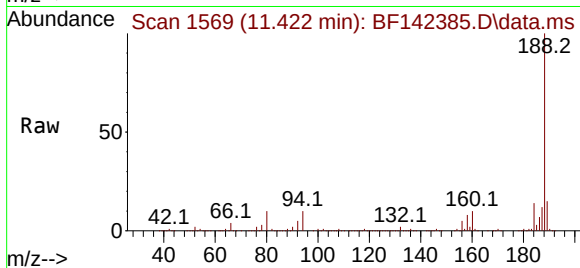
Tgt Ion:188 Resp: 726822

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 10.0 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 7.371 ng

RT: 10.516 min Scan# 1415

Delta R.T. -0.017 min

Lab File: BF142385.D

Acq: 15 May 2025 10:37

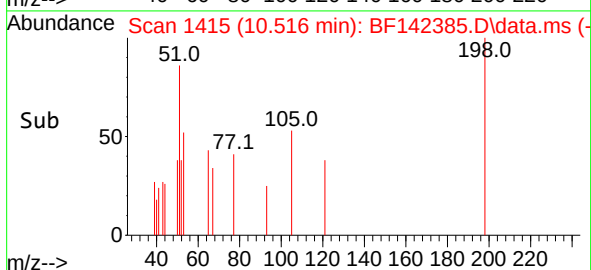
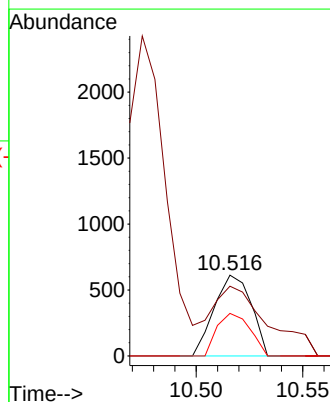
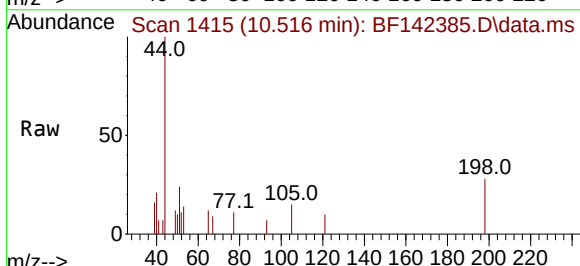
Tgt Ion:198 Resp: 740

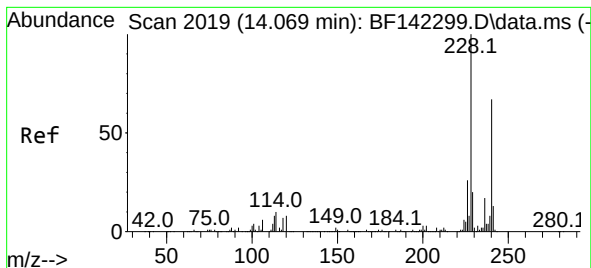
Ion Ratio Lower Upper

198 100

51 86.3 32.9 72.9#

105 52.7 23.7 63.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142385.D

Acq: 15 May 2025 10:37

Instrument :

BNA_F

ClientSampleId :

PB167951BL

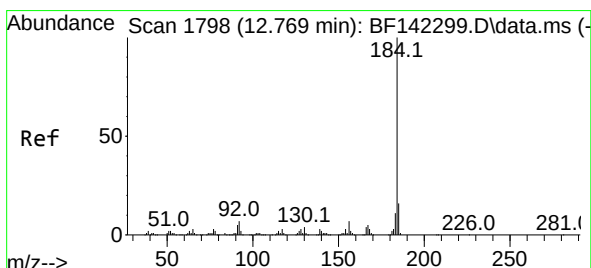
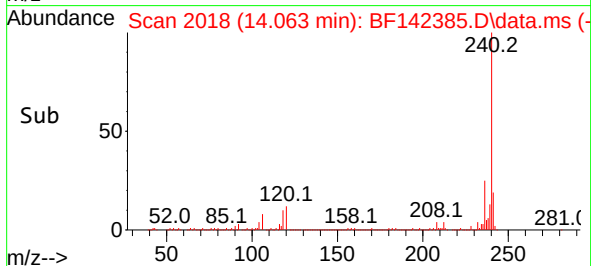
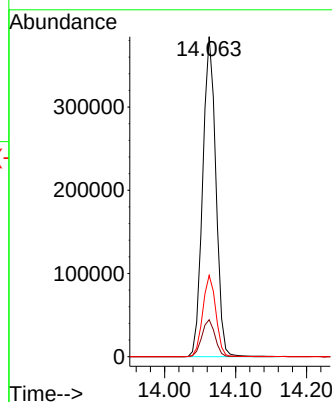
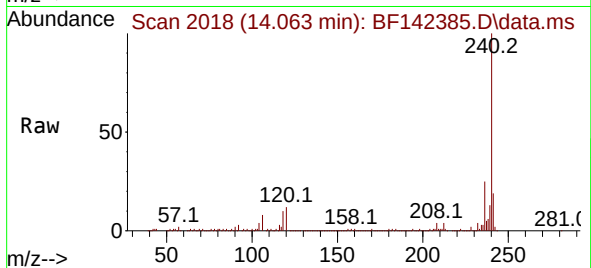
Tgt Ion:240 Resp: 497782

Ion Ratio Lower Upper

240 100

120 11.5 9.7 14.5

236 25.4 20.0 30.0



#77

Benidine

Concen: 3.248 ng

RT: 13.016 min Scan# 1840

Delta R.T. 0.247 min

Lab File: BF142385.D

Acq: 15 May 2025 10:37

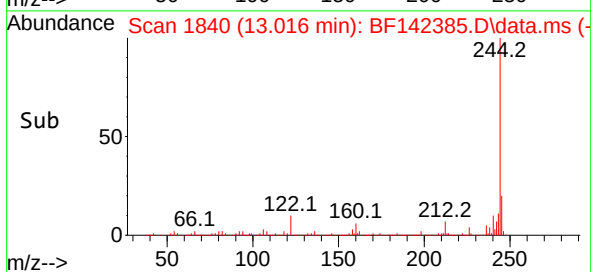
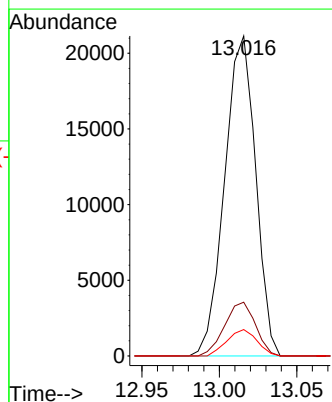
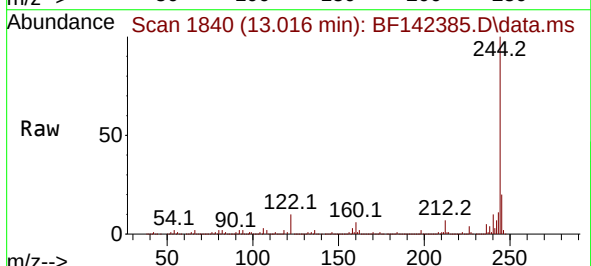
Tgt Ion:184 Resp: 29383

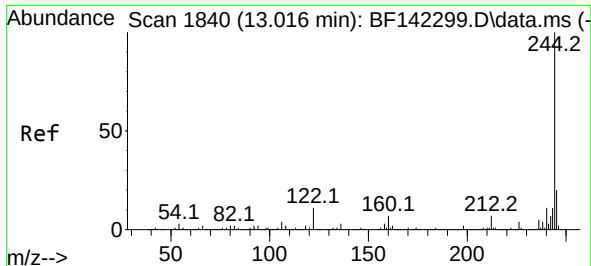
Ion Ratio Lower Upper

184 100

185 16.8 12.6 18.8

183 8.3 8.6 12.8#

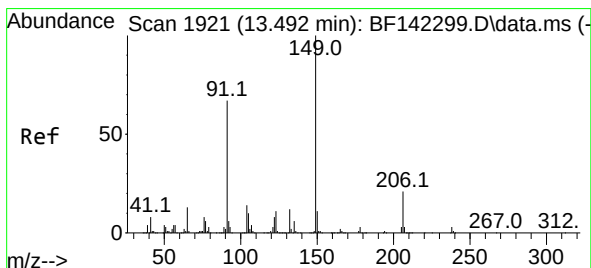
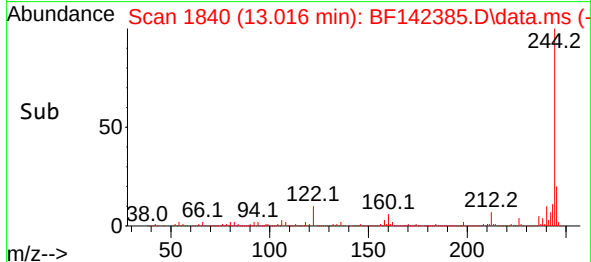
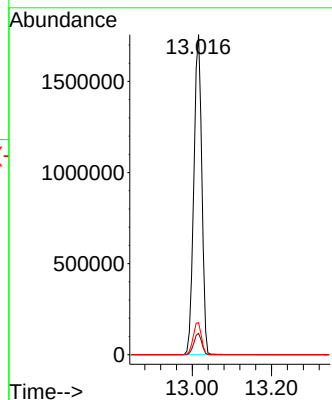
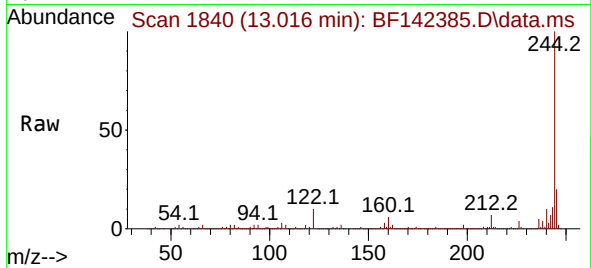




#79
 Terphenyl-d14
 Concen: 72.848 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF142385.D
 Acq: 15 May 2025 10:37

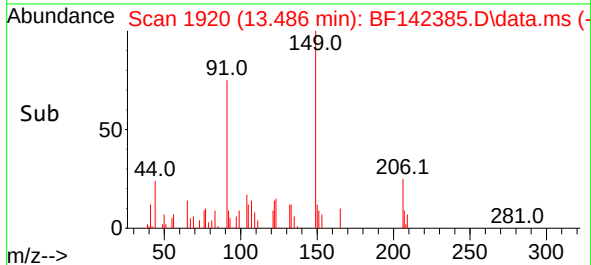
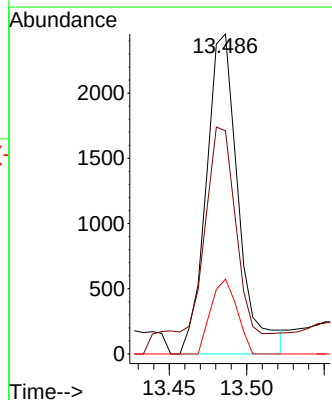
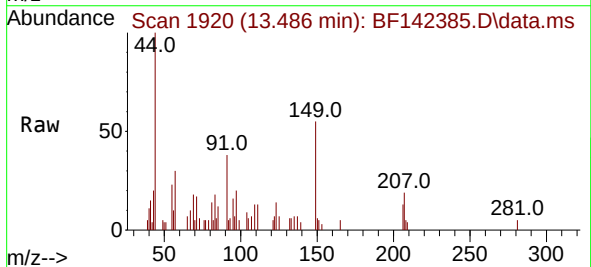
Instrument :
 BNA_F
 ClientSampleId :
 PB167951BL

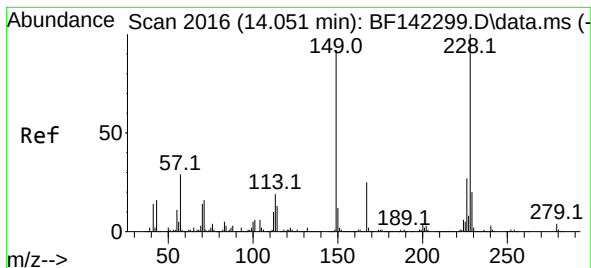
Tgt Ion:244 Resp: 2449976
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.0 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.913 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142385.D
 Acq: 15 May 2025 10:37

Tgt Ion:149 Resp: 3552
 Ion Ratio Lower Upper
 149 100
 91 69.8 53.8 80.6
 206 23.4 16.6 24.8

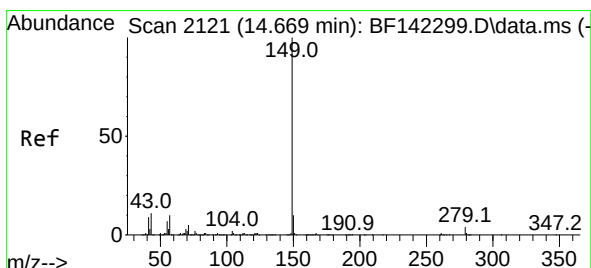
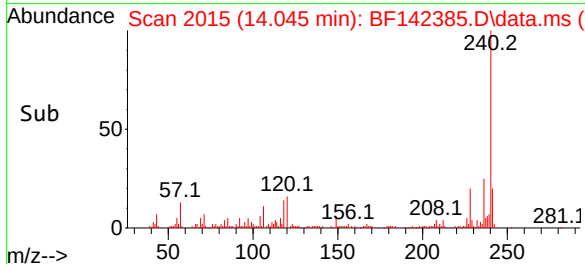
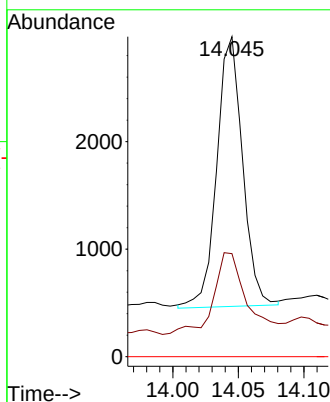
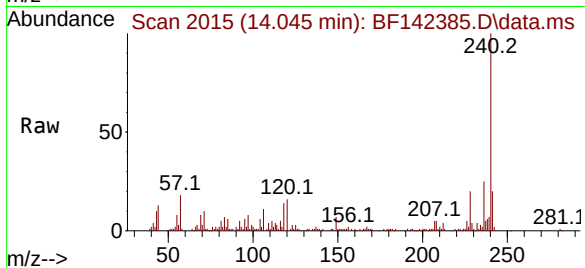




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.423 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

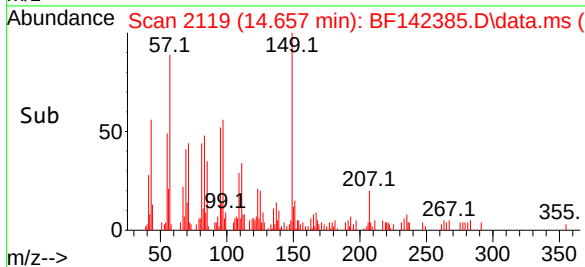
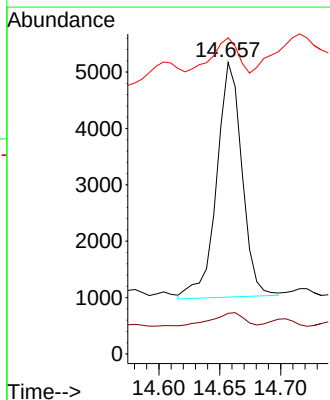
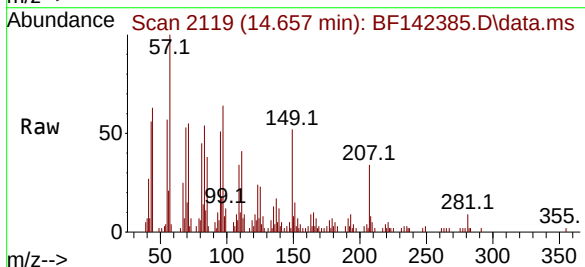
Instrument :
BNA_F
ClientSampleId :
PB167951BL

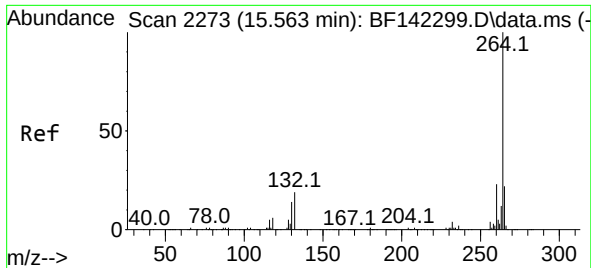
Tgt Ion:149 Resp: 3430
Ion Ratio Lower Upper
149 100
167 32.2 22.0 33.0
279 0.0 3.0 4.6#



#85
Di-n-octyl phthalate
Concen: 8.005 ng
RT: 14.657 min Scan# 2119
Delta R.T. -0.012 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

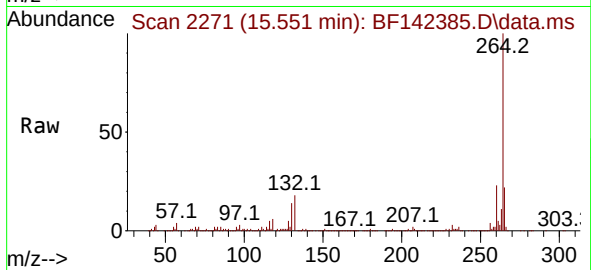
Tgt Ion:149 Resp: 6013
Ion Ratio Lower Upper
149 100
167 9.2 1.1 1.7#
43 0.0 9.2 13.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

Instrument :
BNA_F
ClientSampleId :
PB167951BL



Tgt Ion:264 Resp: 375900
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 22.4 17.5 26.3

