

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022725\
 Data File : BF141802.D
 Acq On : 27 Feb 2025 20:44
 Operator : RC/JU
 Sample : PB166879TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166879TB

Quant Time: Feb 28 03:11:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

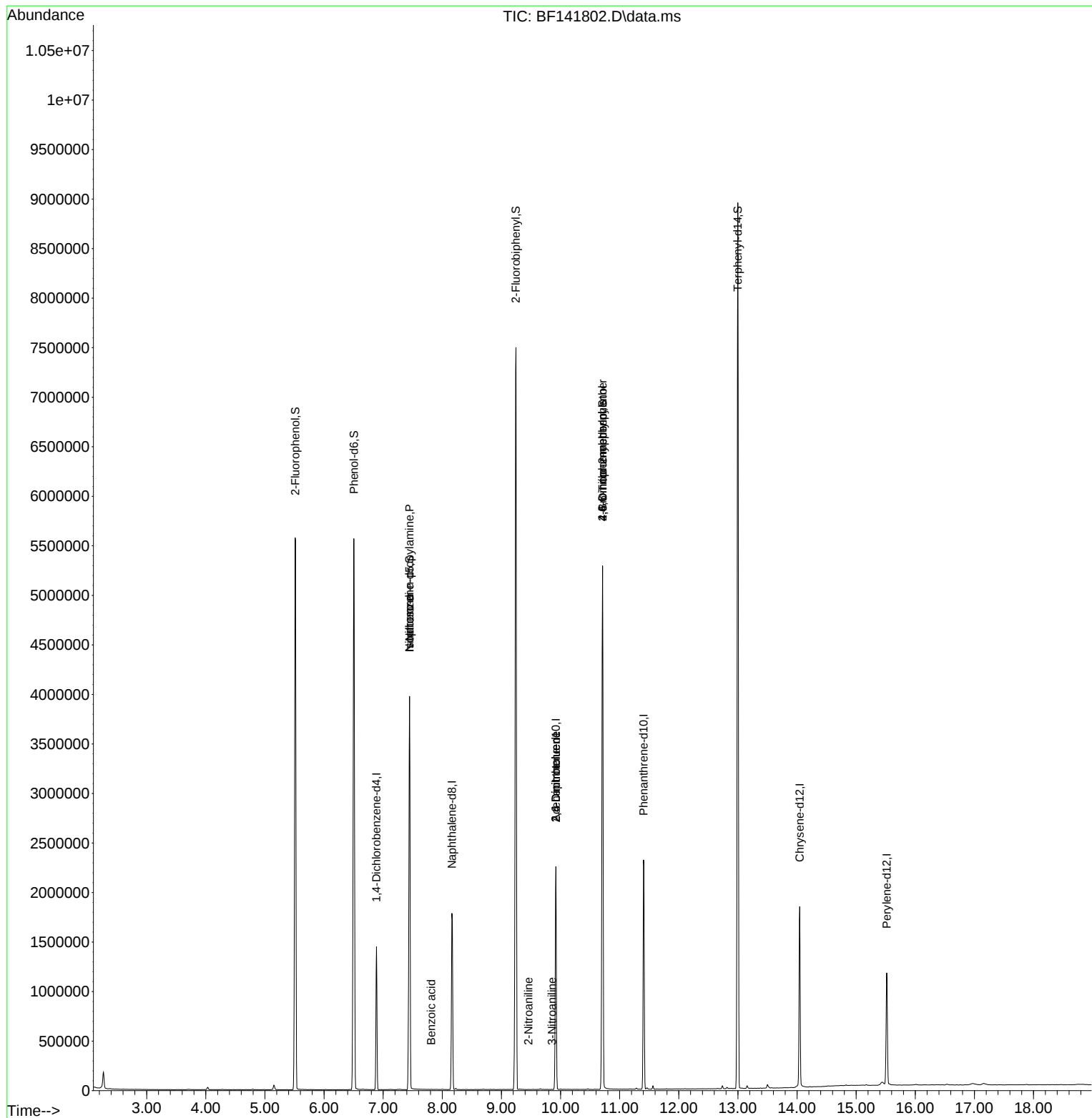
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	289888	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1176525	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	673570	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	1174002	20.000	ng	0.00
76) Chrysene-d12	14.045	240	833237	20.000	ng	0.00
86) Perylene-d12	15.516	264	627706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2343756	129.117	ng	0.02
7) Phenol-d6	6.504	99	2952072	124.947	ng	0.00
23) Nitrobenzene-d5	7.445	82	1929371	104.822	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	931358	147.283	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3642564	86.712	ng	0.00
79) Terphenyl-d14	12.998	244	4443550	86.282	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	270298	17.403	ng	# 80
25) Isophorone	7.445	82	1926418	48.717	ng	# 66
32) Benzoic acid	7.810	122	726	7.741	ng	# 35
48) 2-Nitroaniline	9.457	65	331	4.368	ng	# 74
51) 2,6-Dinitrotoluene	9.922	165	88843	12.518	ng	# 21
53) 3-Nitroaniline	9.857	138	193	2.986	ng	# 35
57) 2,4-Dinitrotoluene	9.922	165	88843	11.335	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.710	198	2480	8.499	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	63357	4.620	ng	# 1

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

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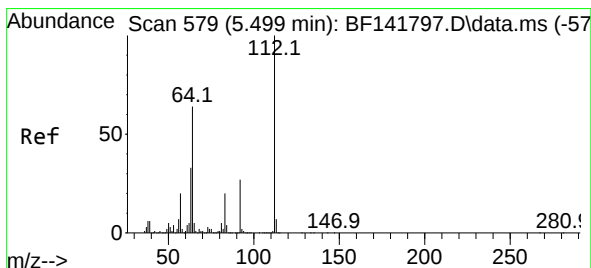
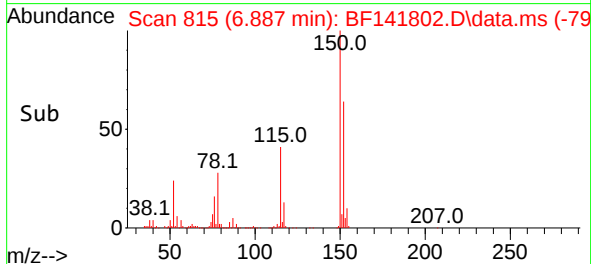
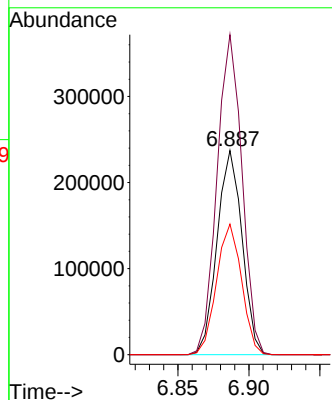
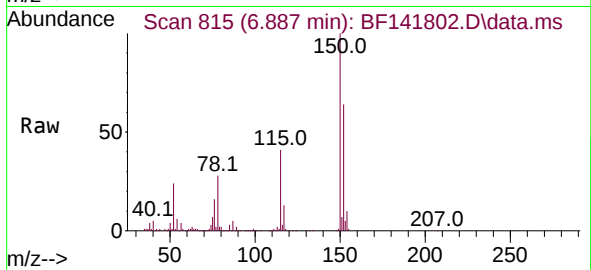




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF141802.D
 Acq: 27 Feb 2025 20:44

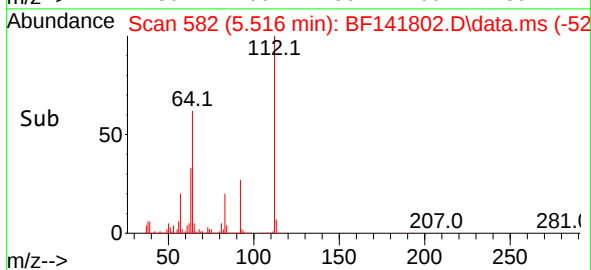
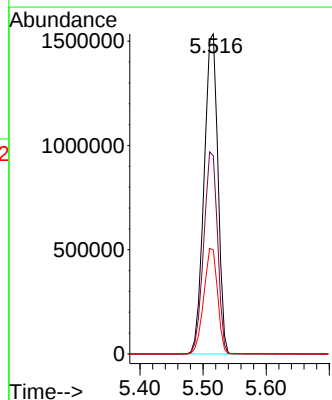
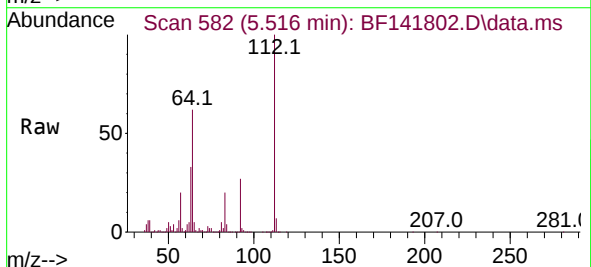
Instrument :
 BNA_F
 ClientSampleId :
 PB166879TB

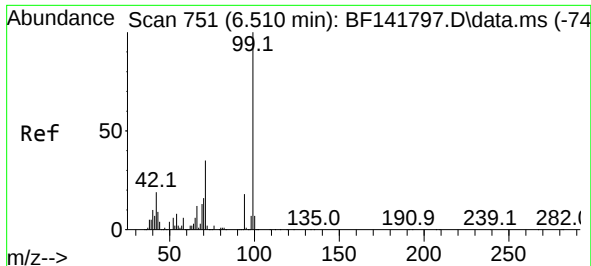
Tgt Ion:152 Resp: 289888
 Ion Ratio Lower Upper
 152 100
 150 156.7 127.5 191.3
 115 63.9 51.4 77.2



#5
 2-Fluorophenol
 Concen: 129.117 ng
 RT: 5.516 min Scan# 582
 Delta R.T. 0.018 min
 Lab File: BF141802.D
 Acq: 27 Feb 2025 20:44

Tgt Ion:112 Resp: 2343756
 Ion Ratio Lower Upper
 112 100
 64 62.0 51.3 76.9
 63 32.5 26.2 39.4

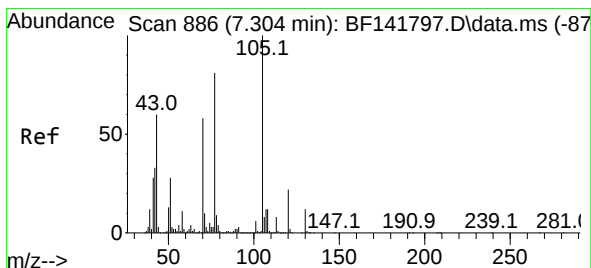
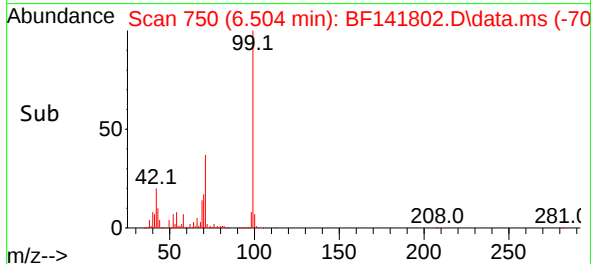
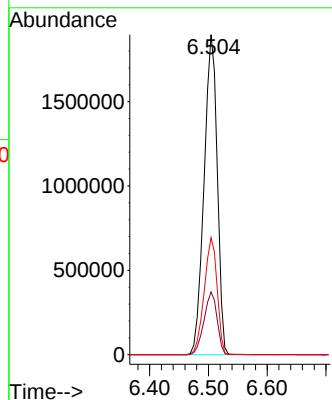
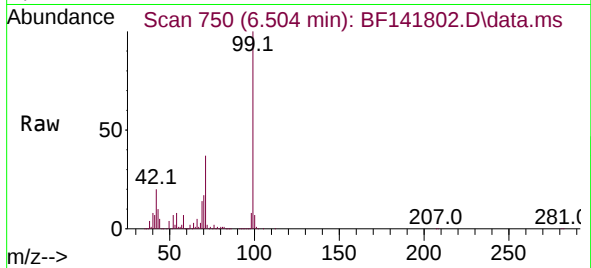




#7
Phenol-d6
Concen: 124.947 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141802.D
Acq: 27 Feb 2025 20:44

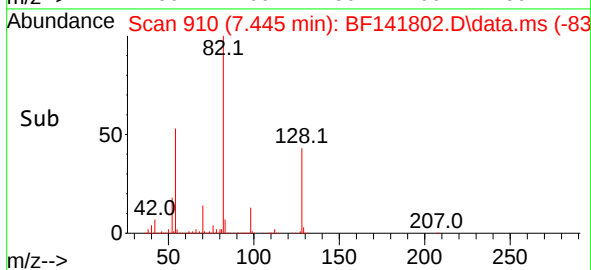
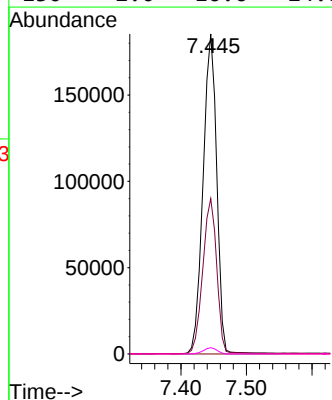
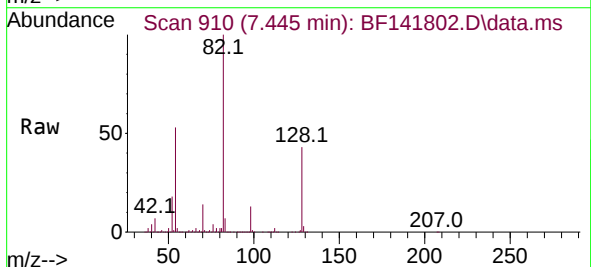
Instrument :
BNA_F
ClientSampleId :
PB166879TB

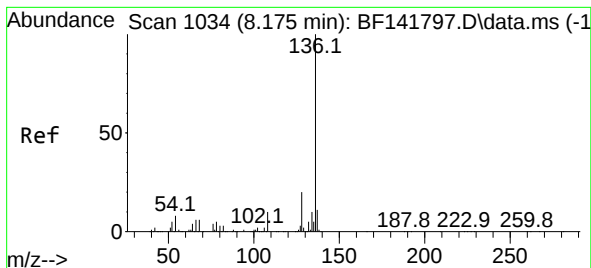
Tgt Ion: 99 Resp: 2952072
Ion Ratio Lower Upper
99 100
42 19.6 15.2 22.8
71 36.6 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.403 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF141802.D
Acq: 27 Feb 2025 20:44

Tgt Ion: 70 Resp: 270298
Ion Ratio Lower Upper
70 100
42 48.5 45.4 68.0
101 0.0 7.8 11.8#
130 2.0 16.6 24.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141802.D

Acq: 27 Feb 2025 20:44

Instrument :

BNA_F

ClientSampleId :

PB166879TB

Tgt Ion:136 Resp: 1176525

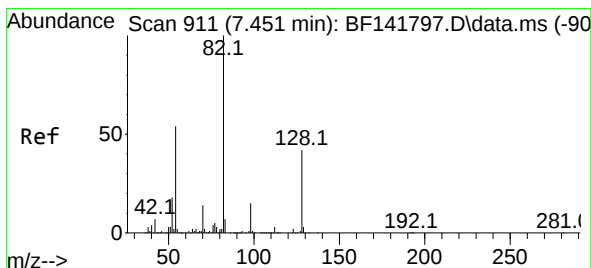
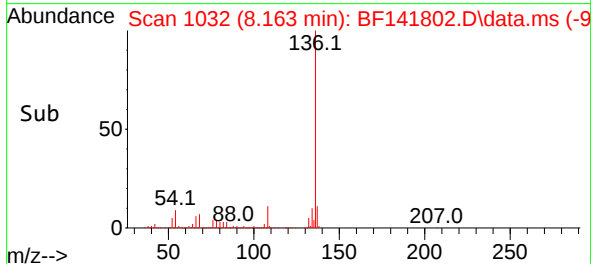
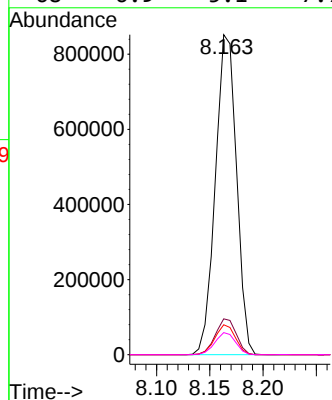
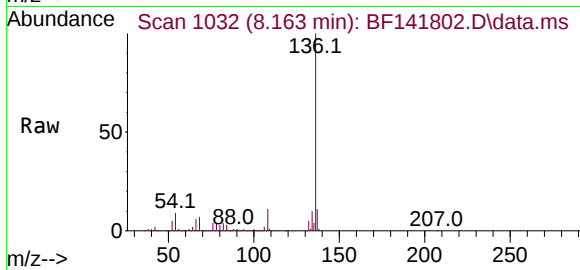
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.3 6.9 10.3

68 6.9 5.1 7.7



#23

Nitrobenzene-d5

Concen: 104.822 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF141802.D

Acq: 27 Feb 2025 20:44

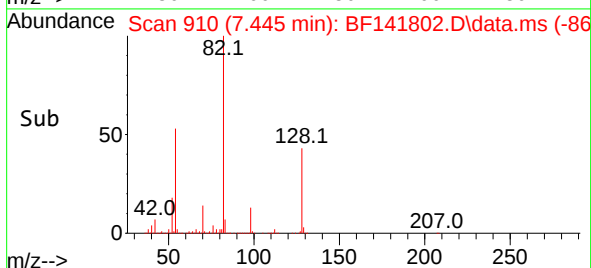
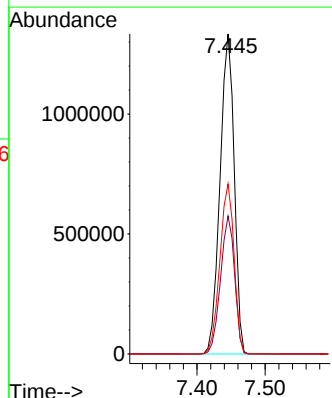
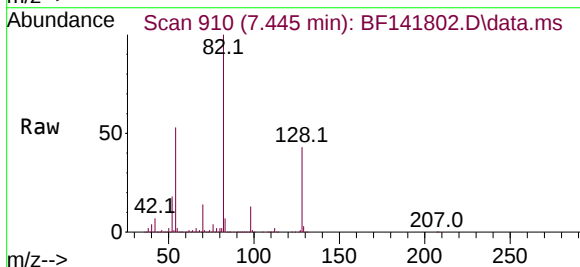
Tgt Ion: 82 Resp: 1929371

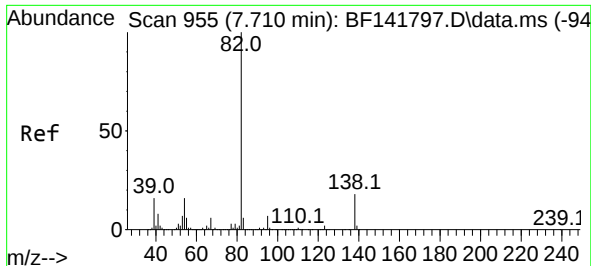
Ion Ratio Lower Upper

82 100

128 43.1 33.5 50.3

54 53.1 42.7 64.1

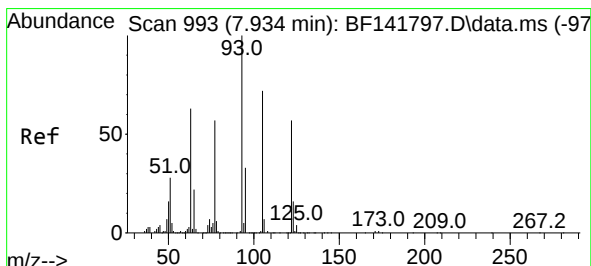
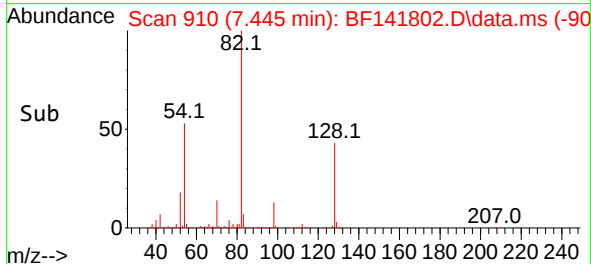
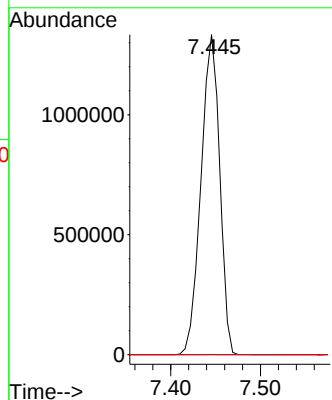
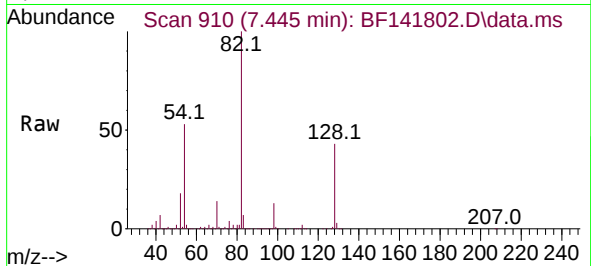




#25
Isophorone
Concen: 48.717 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF141802.D
Acq: 27 Feb 2025 20:44

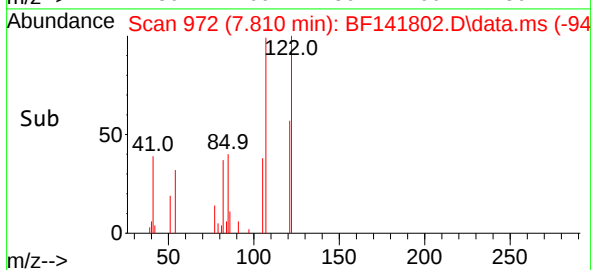
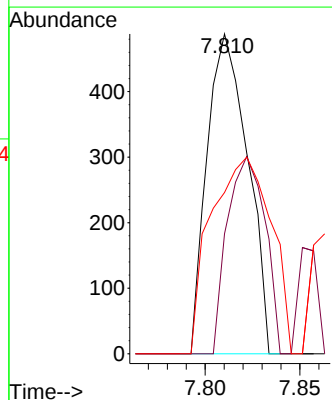
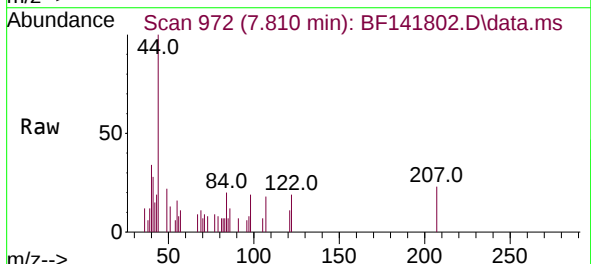
Instrument :
BNA_F
ClientSampleId :
PB166879TB

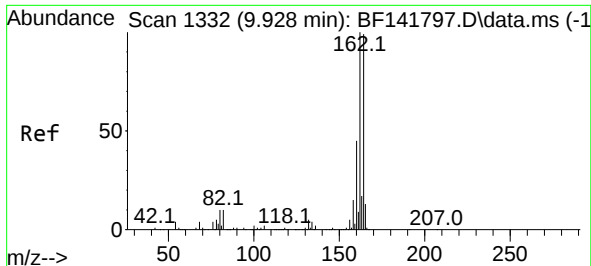
Tgt Ion: 82 Resp: 1926418
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 14.0 21.0#



#32
Benzoic acid
Concen: 7.741 ng
RT: 7.810 min Scan# 972
Delta R.T. -0.124 min
Lab File: BF141802.D
Acq: 27 Feb 2025 20:44

Tgt Ion:122 Resp: 726
Ion Ratio Lower Upper
122 100
105 37.5 105.8 145.8#
77 50.4 79.9 119.9#

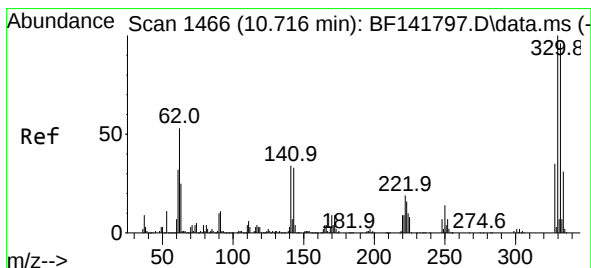
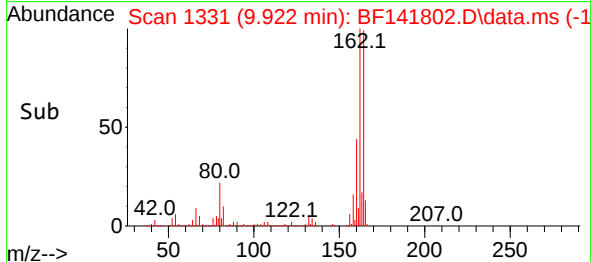
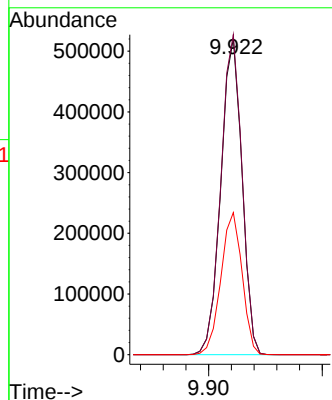
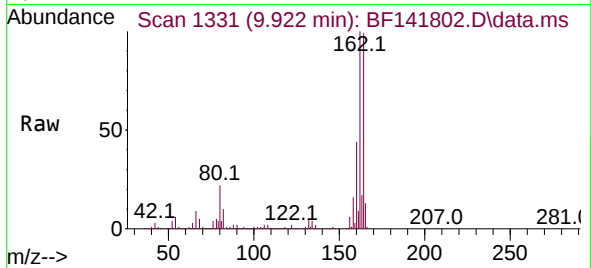




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141802.D
Acq: 27 Feb 2025 20:44

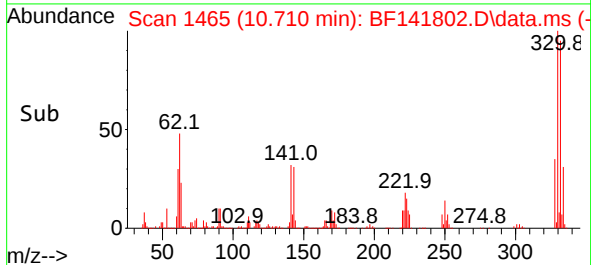
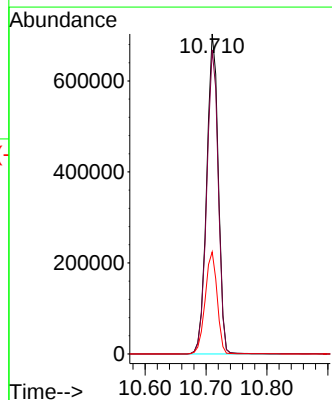
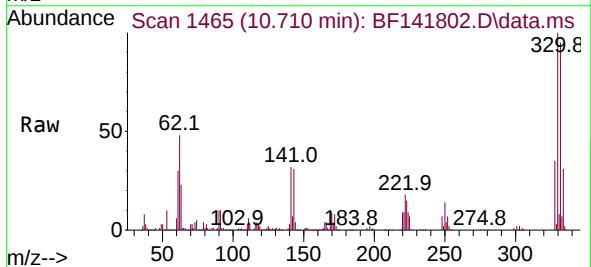
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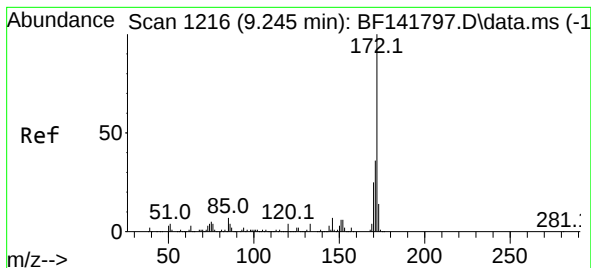
Tgt Ion:164 Resp: 673570
Ion Ratio Lower Upper
164 100
162 101.2 80.6 120.8
160 44.9 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 147.283 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF141802.D
Acq: 27 Feb 2025 20:44

Tgt Ion:330 Resp: 931358
Ion Ratio Lower Upper
330 100
332 95.1 76.6 115.0
141 32.8 29.0 43.4





#45

2-Fluorobiphenyl

Concen: 86.712 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141802.D

Acq: 27 Feb 2025 20:44

Instrument :

BNA_F

ClientSampleId :

PB166879TB

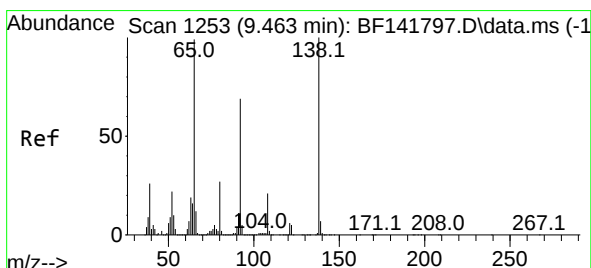
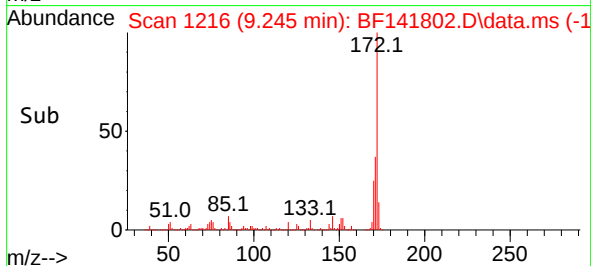
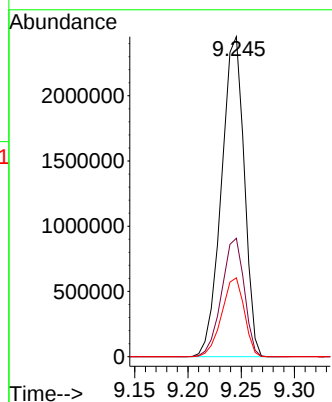
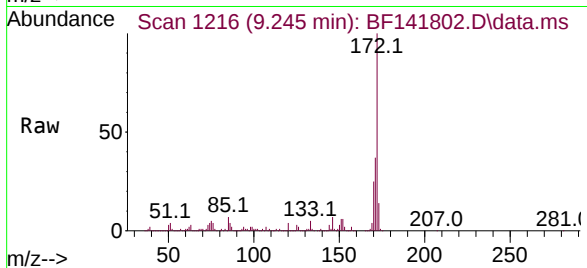
Tgt Ion:172 Resp: 3642564

Ion Ratio Lower Upper

172 100

171 37.0 29.2 43.8

170 24.7 19.7 29.5



#48

2-Nitroaniline

Concen: 4.368 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BF141802.D

Acq: 27 Feb 2025 20:44

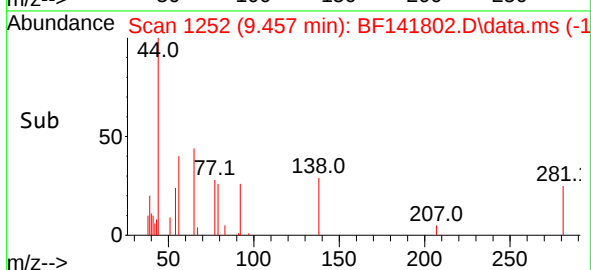
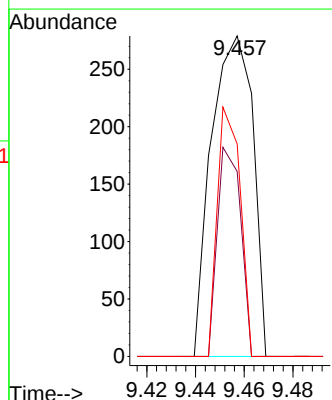
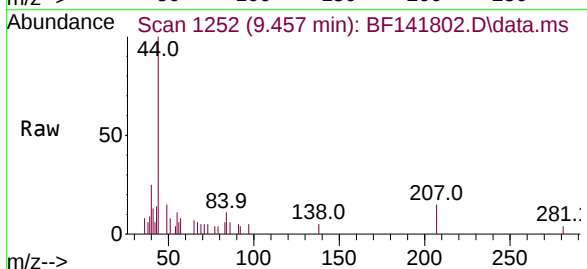
Tgt Ion: 65 Resp: 331

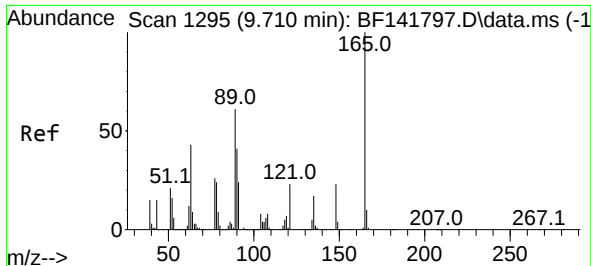
Ion Ratio Lower Upper

65 100

92 57.7 55.7 83.5

138 66.3 80.6 121.0#

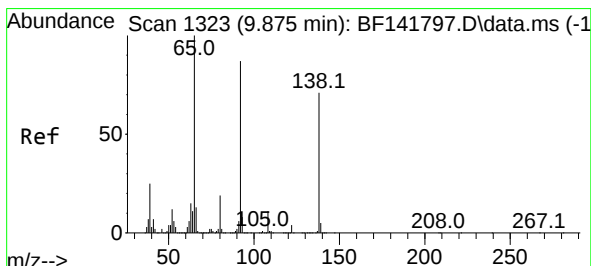
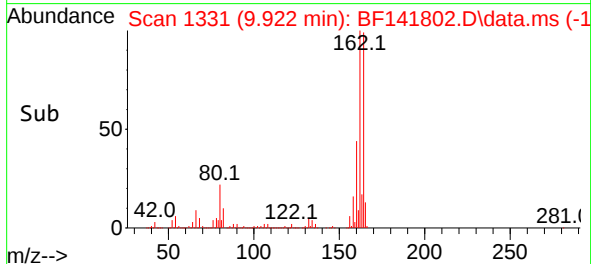
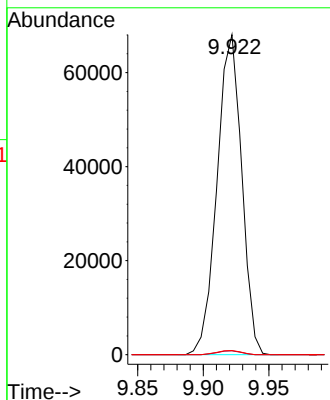
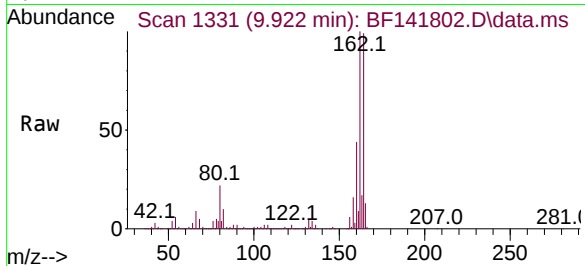




#51
2,6-Dinitrotoluene
Concen: 12.518 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF141802.D
Acq: 27 Feb 2025 20:44

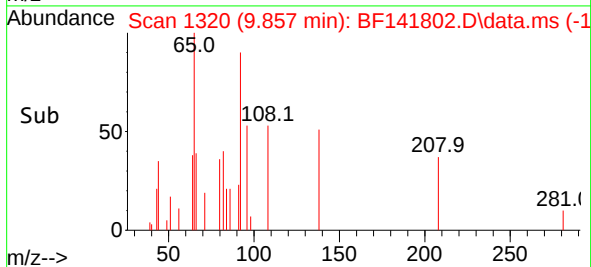
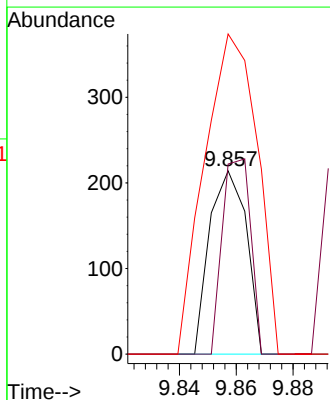
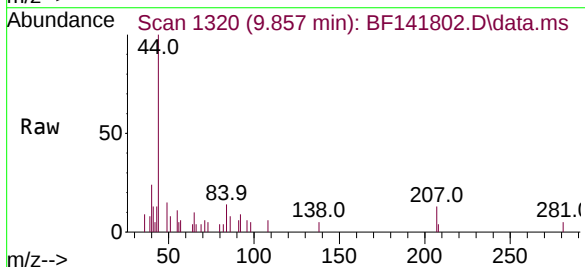
Instrument :
BNA_F
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PB166879TB

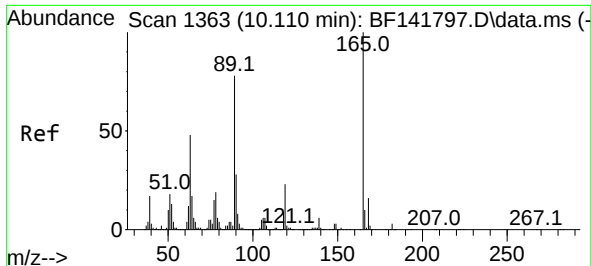
Tgt Ion:165 Resp: 88843
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.3 49.0 73.4#



#53
3-Nitroaniline
Concen: 2.986 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.018 min
Lab File: BF141802.D
Acq: 27 Feb 2025 20:44

Tgt Ion:138 Resp: 193
Ion Ratio Lower Upper
138 100
108 103.7 12.7 19.1#
92 174.8 97.9 146.9#

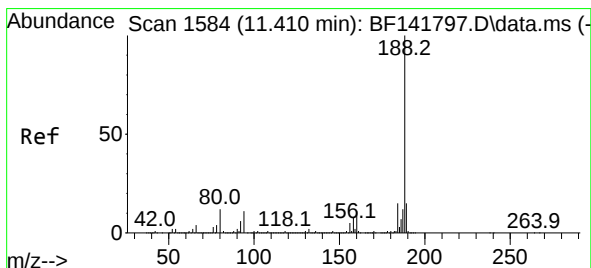
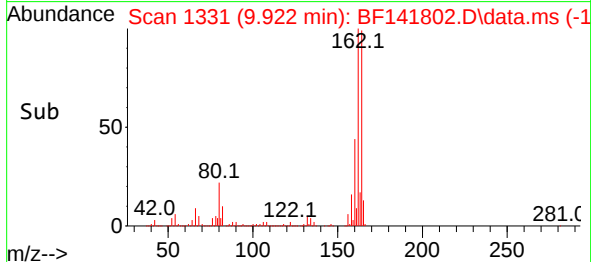
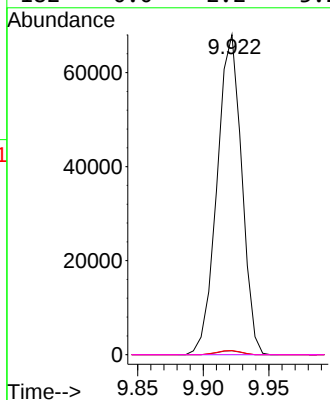
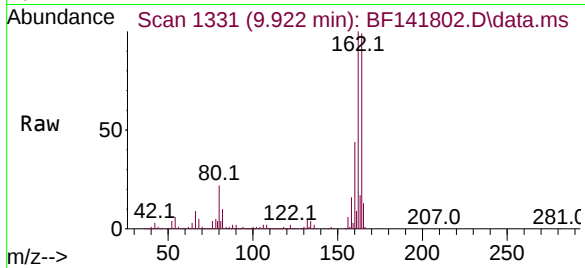




#57
2,4-Dinitrotoluene
Concen: 11.335 ng
RT: 9.922 min Scan# 1131
Delta R.T. -0.188 min
Lab File: BF141802.D
Acq: 27 Feb 2025 20:44

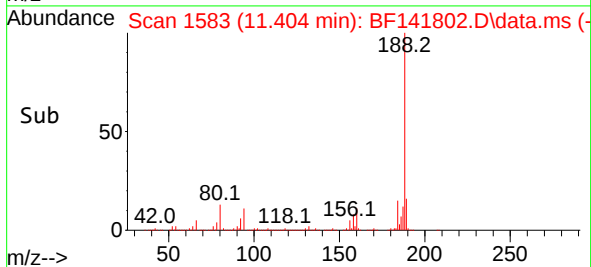
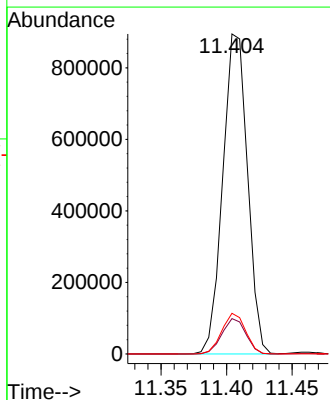
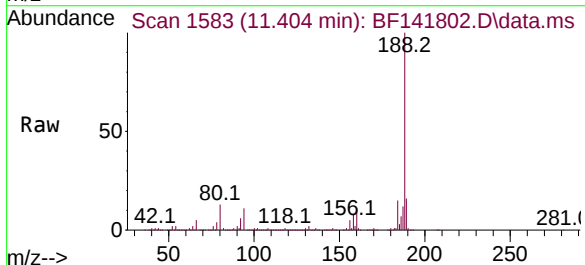
Instrument :
BNA_F
ClientSampleId :
PB166879TB

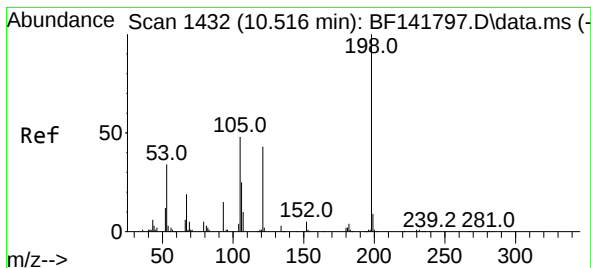
Tgt Ion:165 Resp: 88843
Ion Ratio Lower Upper
165 100
63 1.2 38.8 58.2#
89 1.3 62.6 94.0#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF141802.D
Acq: 27 Feb 2025 20:44

Tgt Ion:188 Resp: 1174002
Ion Ratio Lower Upper
188 100
94 11.0 8.9 13.3
80 12.7 9.7 14.5

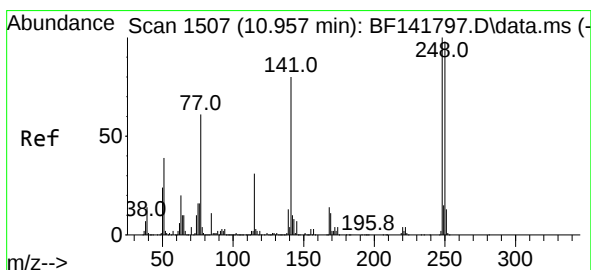
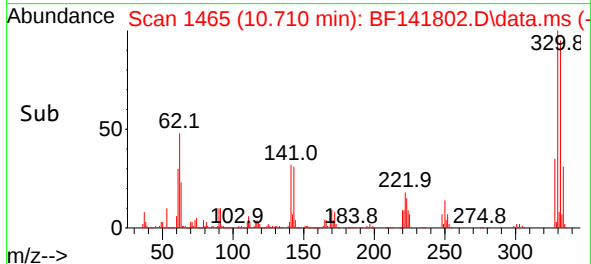
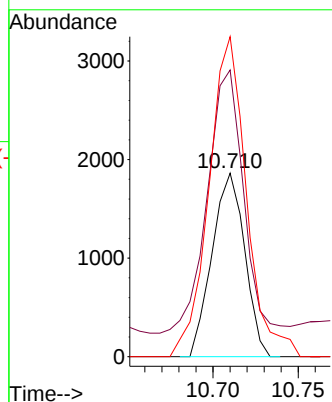
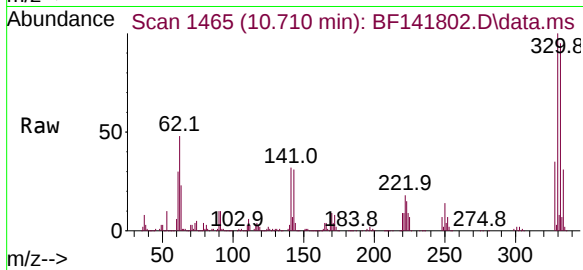




#65
4,6-Dinitro-2-methylphenol
Concen: 8.499 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.194 min
Lab File: BF141802.D
Acq: 27 Feb 2025 20:44

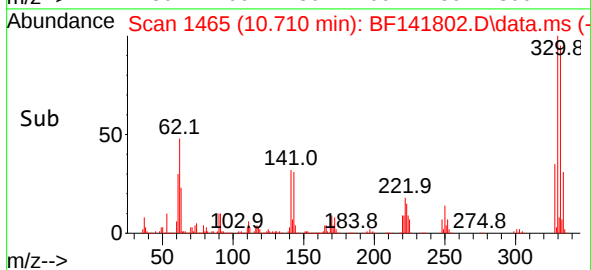
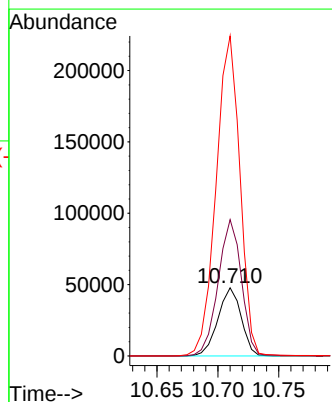
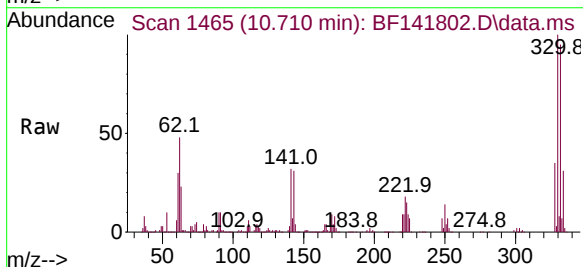
Instrument :
BNA_F
ClientSampleId :
PB166879TB

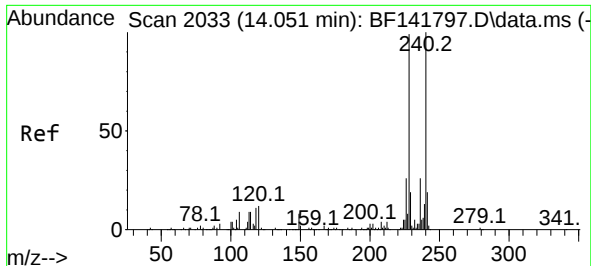
Tgt Ion:198 Resp: 2480
Ion Ratio Lower Upper
198 100
51 156.2 32.1 72.1#
105 174.3 28.5 68.5#



#67
4-Bromophenyl-phenylether
Concen: 4.620 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF141802.D
Acq: 27 Feb 2025 20:44

Tgt Ion:248 Resp: 63357
Ion Ratio Lower Upper
248 100
250 200.2 78.1 117.1#
141 469.9 64.3 96.5#

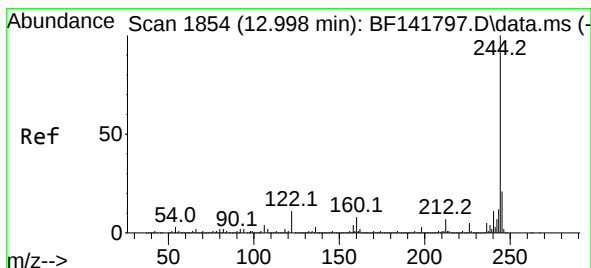
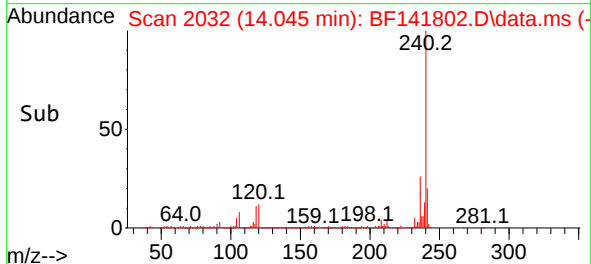
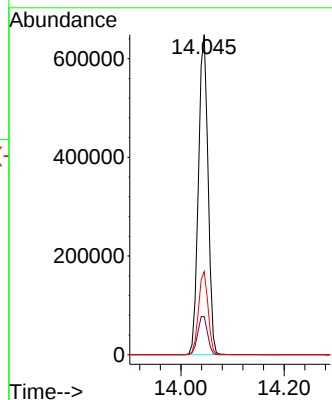
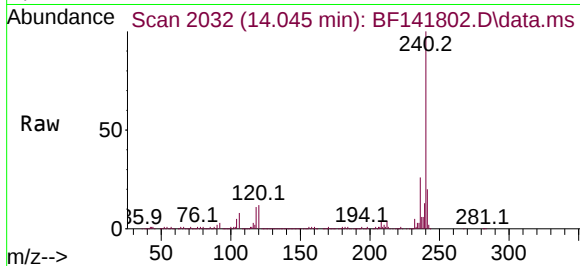




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF141802.D
Acq: 27 Feb 2025 20:44

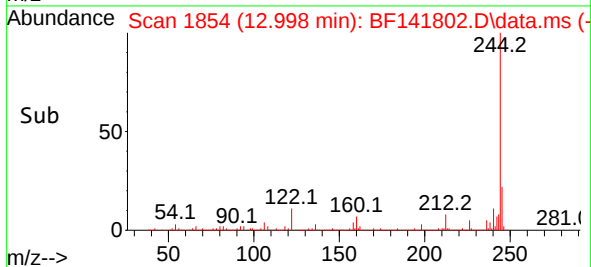
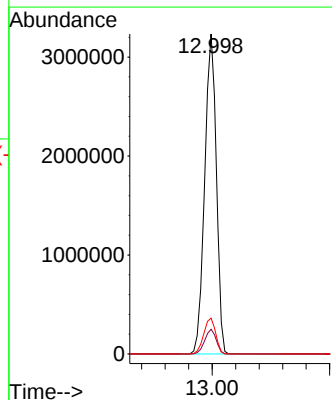
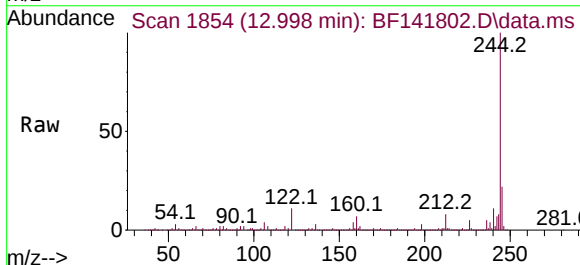
Instrument :
BNA_F
ClientSampleId :
PB166879TB

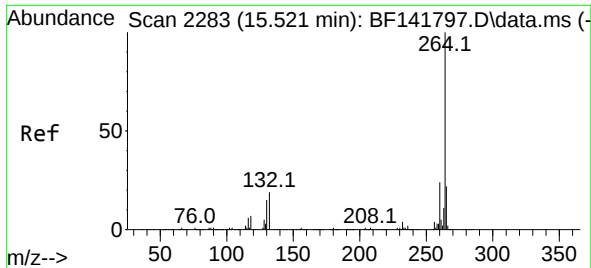
Tgt Ion:240 Resp: 833237
Ion Ratio Lower Upper
240 100
120 11.9 9.7 14.5
236 26.0 21.0 31.4



#79
Terphenyl-d14
Concen: 86.282 ng
RT: 12.998 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF141802.D
Acq: 27 Feb 2025 20:44

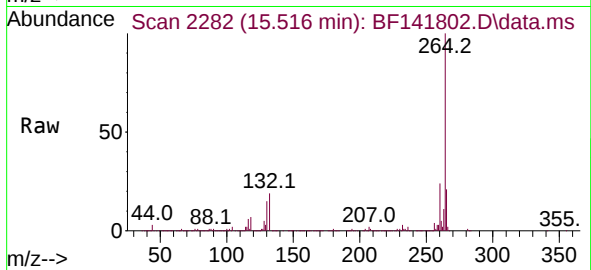
Tgt Ion:244 Resp: 4443550
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 11.2 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.516 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141802.D
Acq: 27 Feb 2025 20:44

Instrument :
BNA_F
ClientSampleId :
PB166879TB



Tgt Ion:264 Resp: 627706

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.5	17.4	26.0

