

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022825\
 Data File : BF141805.D
 Acq On : 28 Feb 2025 11:17
 Operator : RC/JU
 Sample : PB166894BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166894BL

Quant Time: Feb 28 11:52:56 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)

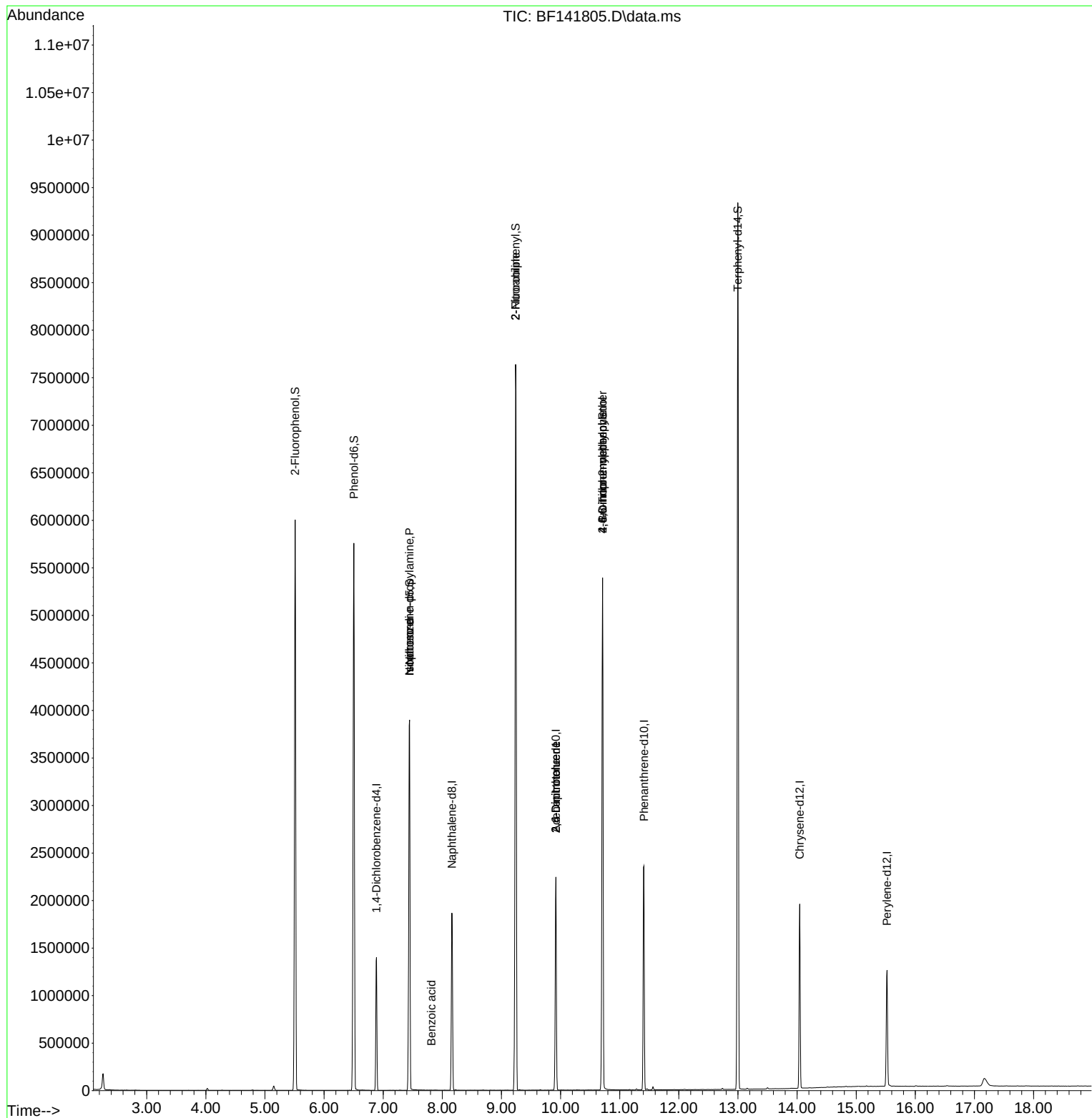
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	294002	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1188487	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	686985	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1209583	20.000	ng	0.00
76) Chrysene-d12	14.045	240	884206	20.000	ng	0.00
86) Perylene-d12	15.521	264	681174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	2388583	129.745	ng	0.01
7) Phenol-d6	6.504	99	3013526	125.763	ng	0.00
23) Nitrobenzene-d5	7.445	82	1910342	102.743	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	941978	146.054	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	3721235	86.855	ng	0.00
79) Terphenyl-d14	12.998	244	4596076	84.099	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	266954	16.948	ng	# 80
25) Isophorone	7.445	82	1907318	47.748	ng	# 66
32) Benzoic acid	7.816	122	290	7.711	ng	# 72
48) 2-Nitroaniline	9.239	65	7073	4.948	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	88055	12.244	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	88055	11.115	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.710	198	2436	8.481	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	63500	4.494	ng	# 1

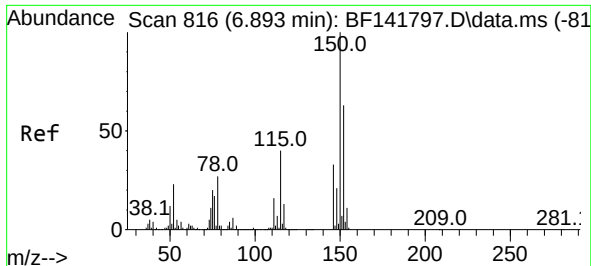
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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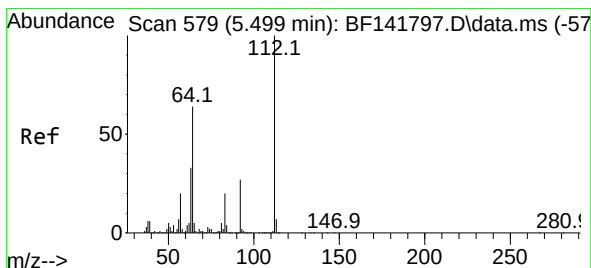
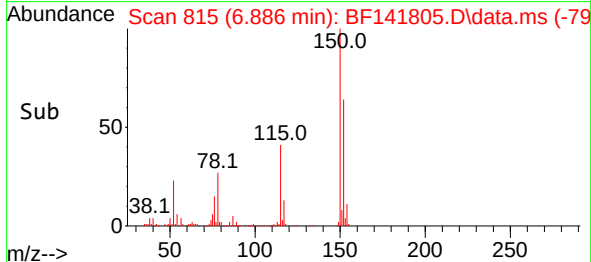
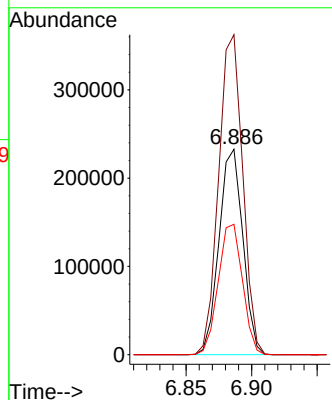
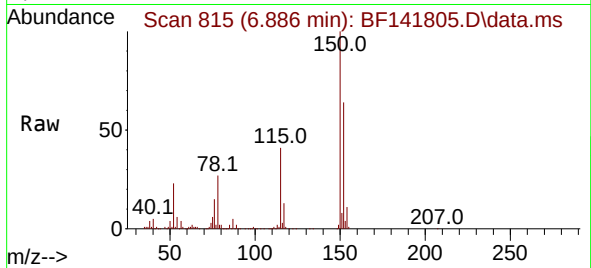




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.007 min
Lab File: BF141805.D
Acq: 28 Feb 2025 11:17

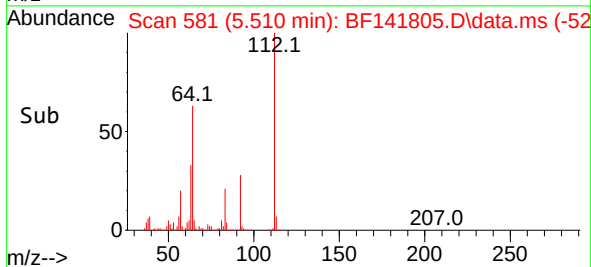
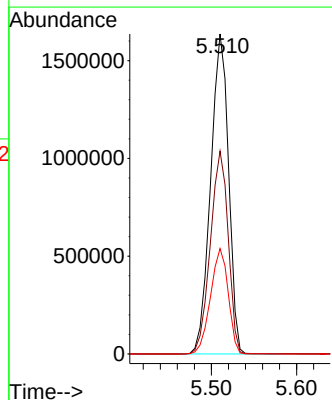
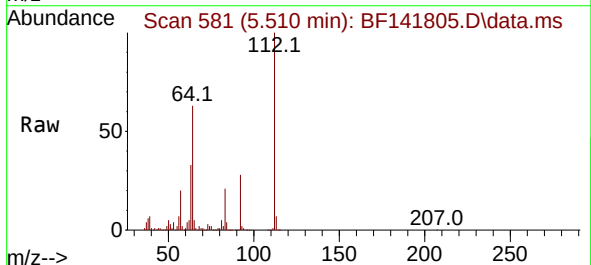
Instrument :
BNA_F
ClientSampleId :
PB166894BL

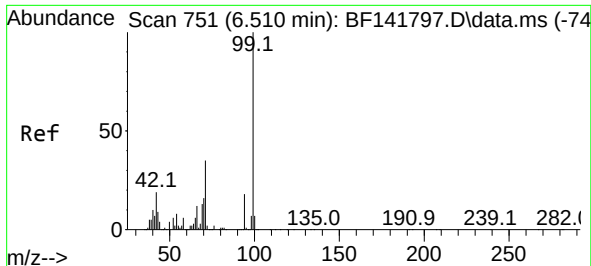
Tgt Ion:152 Resp: 294002
Ion Ratio Lower Upper
152 100
150 155.7 127.5 191.3
115 63.4 51.4 77.2



#5
2-Fluorophenol
Concen: 129.745 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.011 min
Lab File: BF141805.D
Acq: 28 Feb 2025 11:17

Tgt Ion:112 Resp: 2388583
Ion Ratio Lower Upper
112 100
64 63.4 51.3 76.9
63 32.9 26.2 39.4

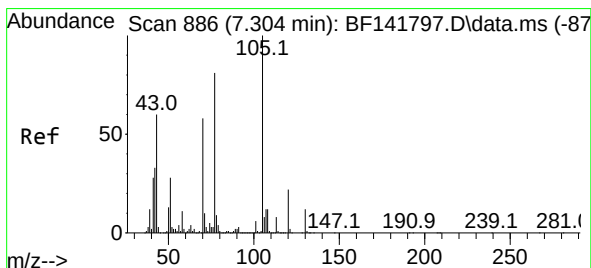
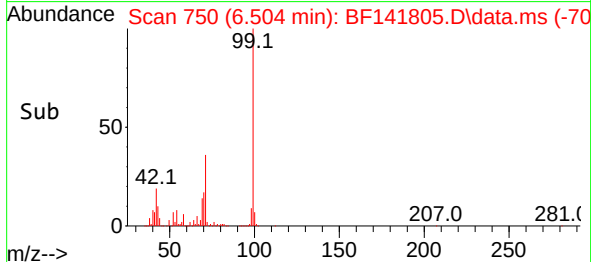
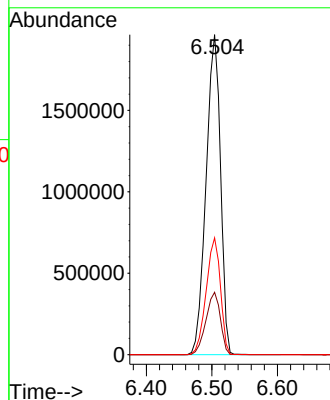
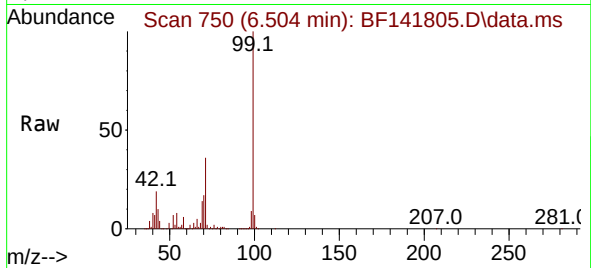




#7
Phenol-d6
Concen: 125.763 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141805.D
Acq: 28 Feb 2025 11:17

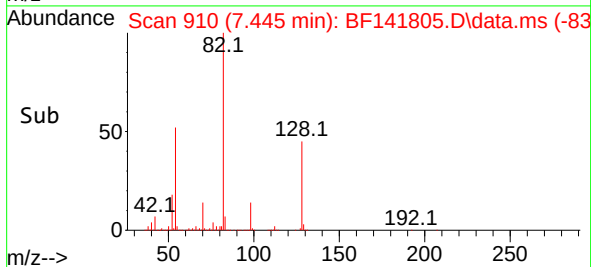
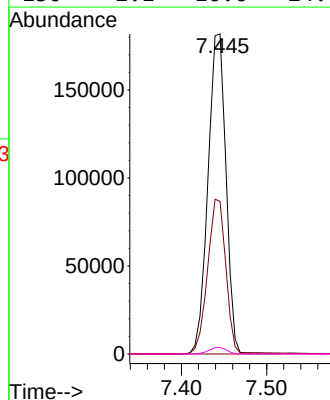
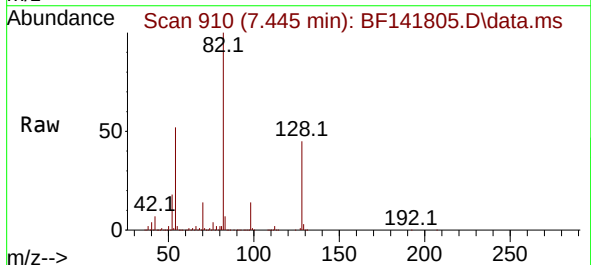
Instrument :
BNA_F
ClientSampleId :
PB166894BL

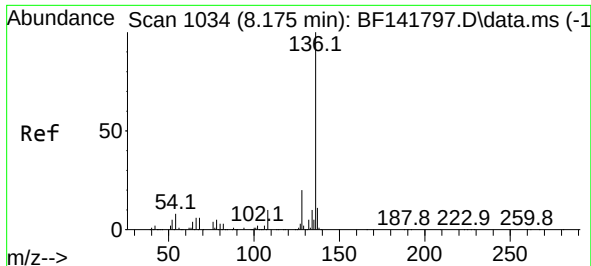
Tgt Ion: 99 Resp: 3013526
Ion Ratio Lower Upper
99 100
42 19.5 15.2 22.8
71 36.5 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.948 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF141805.D
Acq: 28 Feb 2025 11:17

Tgt Ion: 70 Resp: 266954
Ion Ratio Lower Upper
70 100
42 47.7 45.4 68.0
101 0.0 7.8 11.8#
130 2.1 16.6 24.8#

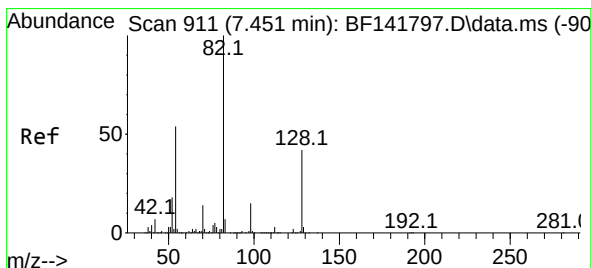
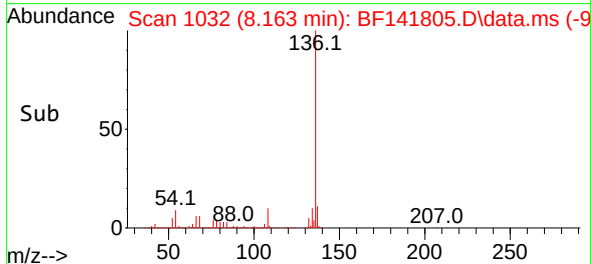
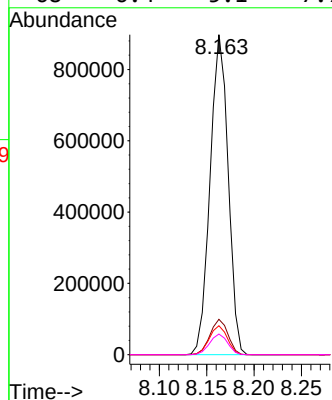
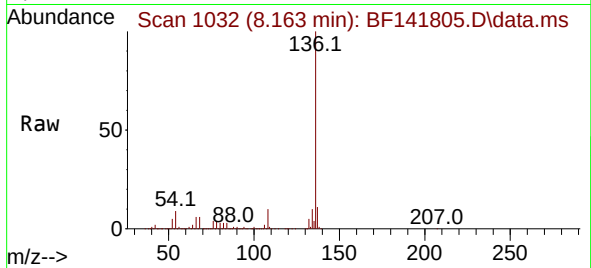




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141805.D
Acq: 28 Feb 2025 11:17

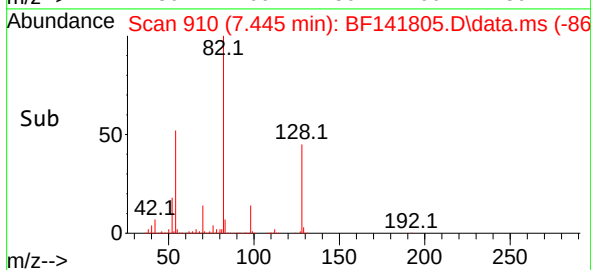
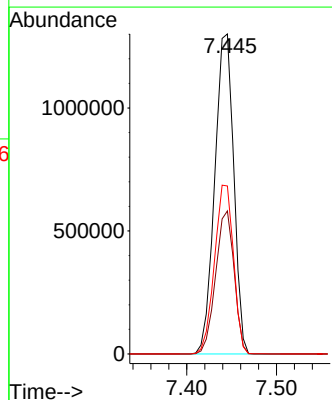
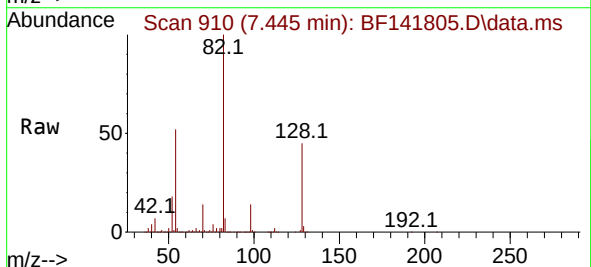
Instrument :
BNA_F
ClientSampleId :
PB166894BL

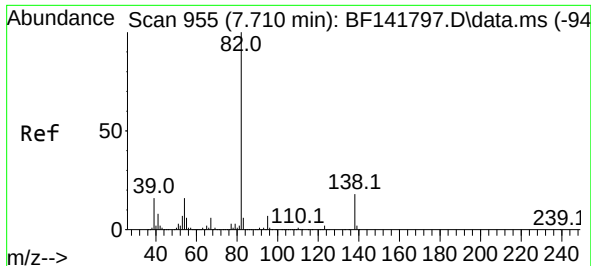
Tgt Ion:136 Resp: 1188487
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.0 6.9 10.3
68 6.4 5.1 7.7



#23
Nitrobenzene-d5
Concen: 102.743 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF141805.D
Acq: 28 Feb 2025 11:17

Tgt Ion: 82 Resp: 1910342
Ion Ratio Lower Upper
82 100
128 44.7 33.5 50.3
54 52.5 42.7 64.1

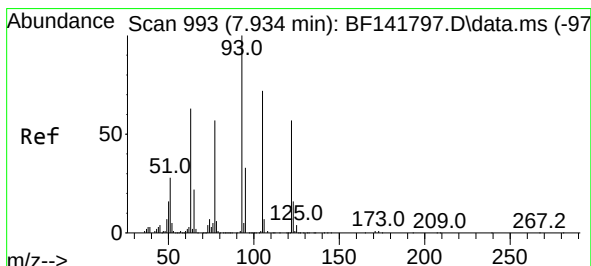
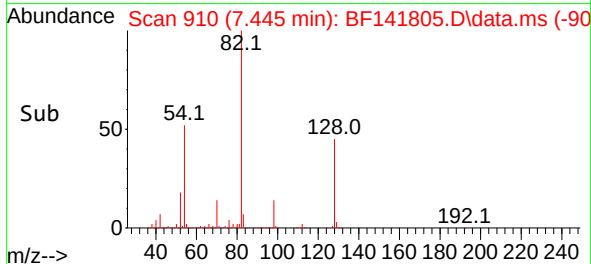
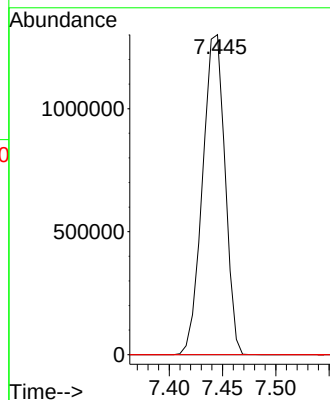
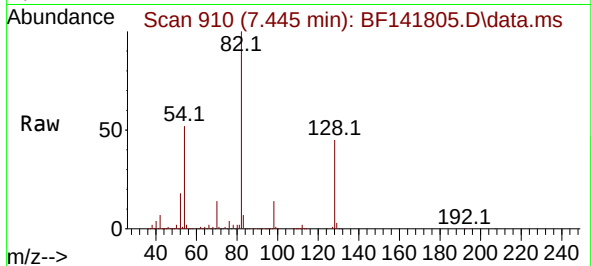




#25
Isophorone
Concen: 47.748 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF141805.D
Acq: 28 Feb 2025 11:17

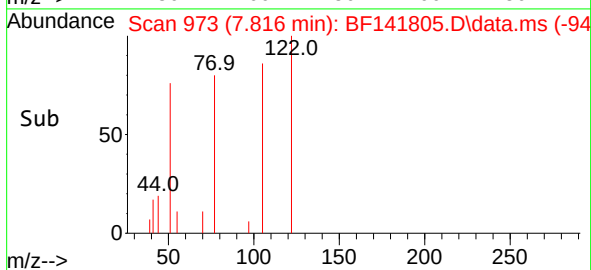
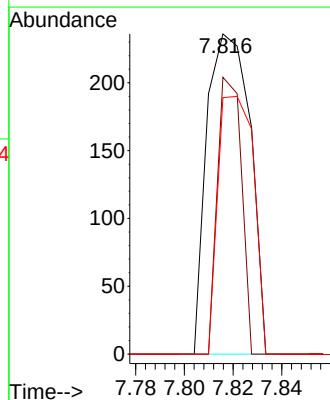
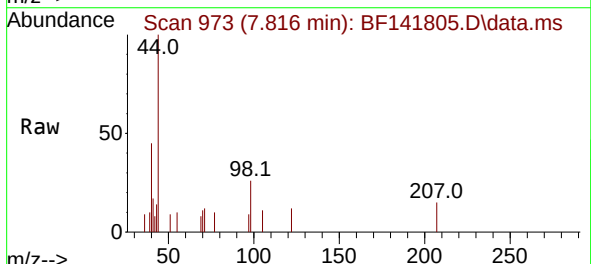
Instrument :
BNA_F
ClientSampleId :
PB166894BL

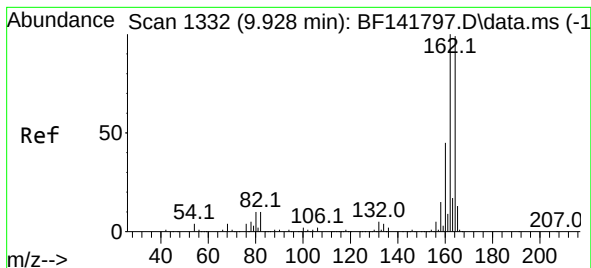
Tgt Ion: 82 Resp: 1907318
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 14.0 21.0#



#32
Benzoic acid
Concen: 7.711 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.118 min
Lab File: BF141805.D
Acq: 28 Feb 2025 11:17

Tgt Ion:122 Resp: 290
Ion Ratio Lower Upper
122 100
105 86.4 105.8 145.8#
77 80.1 79.9 119.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141805.D

Acq: 28 Feb 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB166894BL

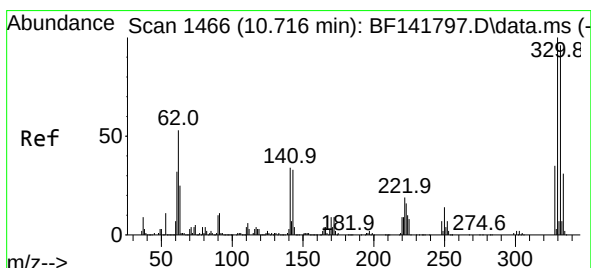
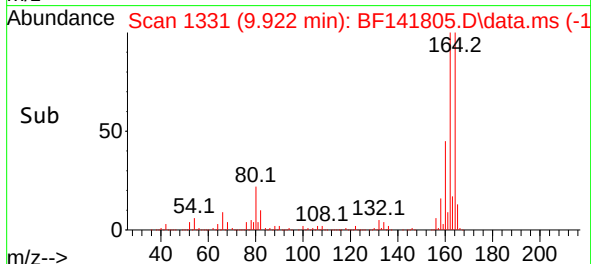
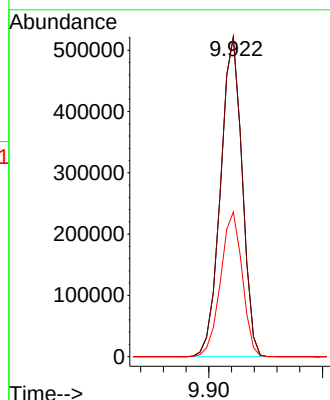
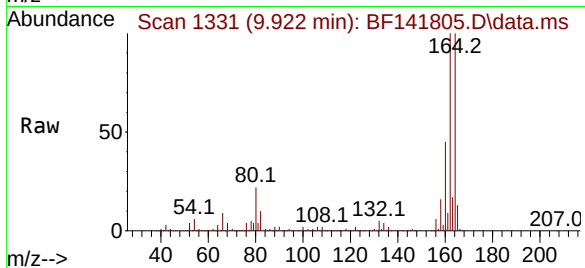
Tgt Ion:164 Resp: 686985

Ion Ratio Lower Upper

164 100

162 100.3 80.6 120.8

160 45.3 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 146.054 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF141805.D

Acq: 28 Feb 2025 11:17

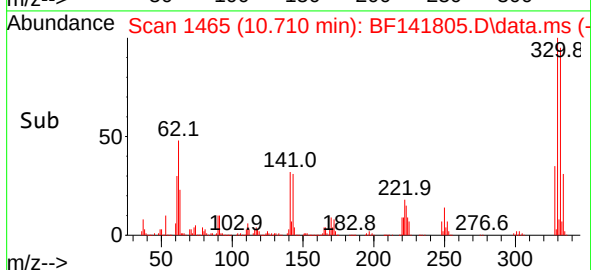
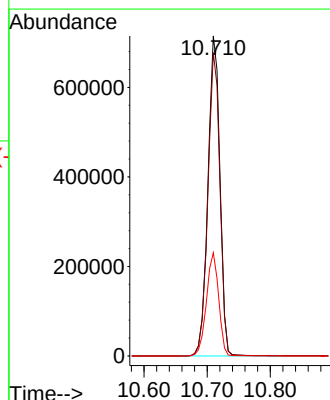
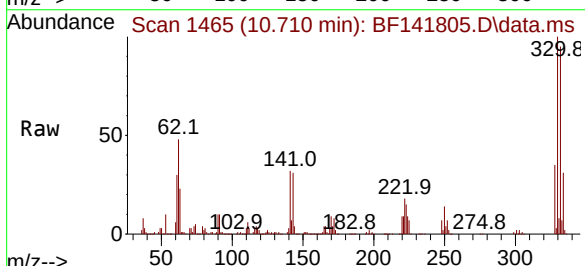
Tgt Ion:330 Resp: 941978

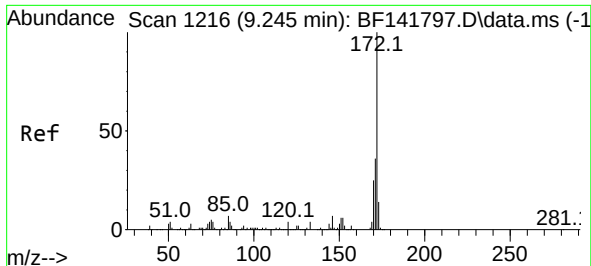
Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

141 32.9 29.0 43.4

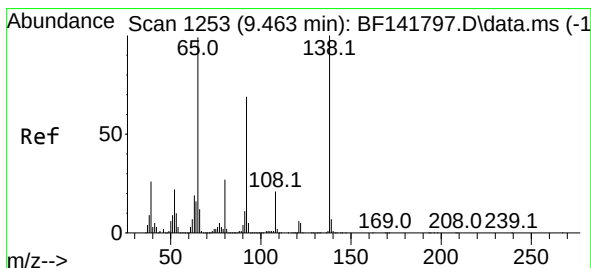
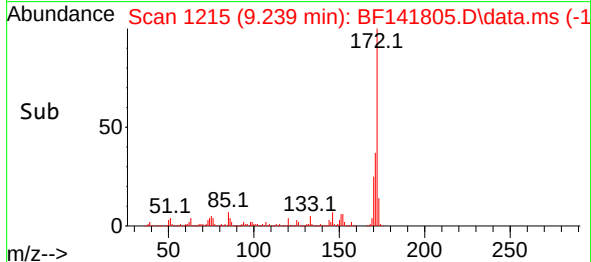
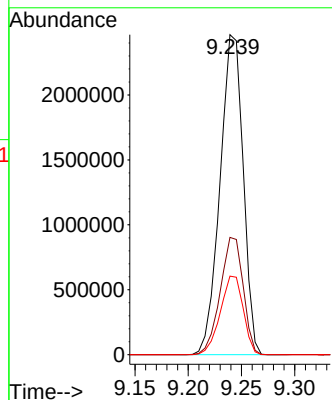
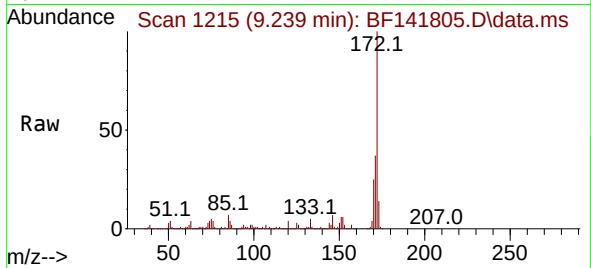




#45
2-Fluorobiphenyl
Concen: 86.855 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141805.D
Acq: 28 Feb 2025 11:17

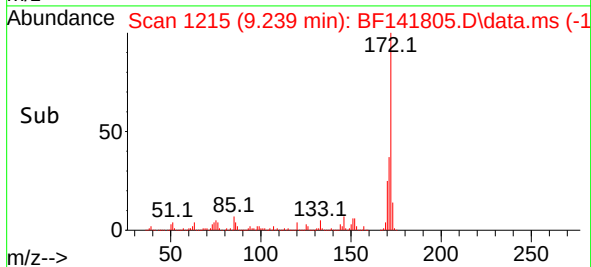
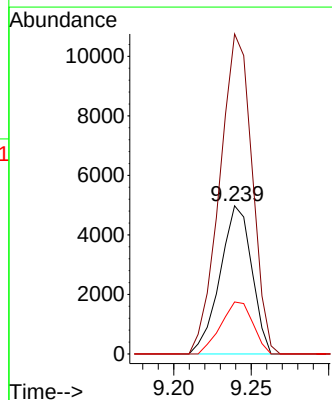
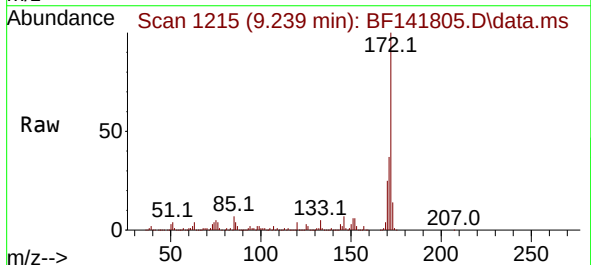
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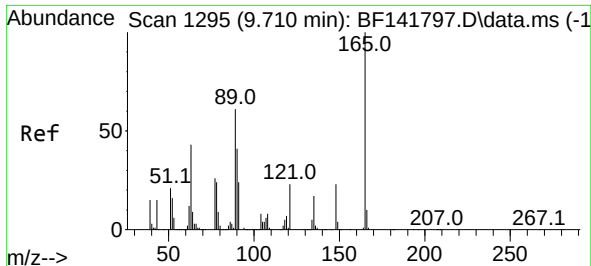
Tgt Ion:172 Resp: 3721235
Ion Ratio Lower Upper
172 100
171 36.6 29.2 43.8
170 24.6 19.7 29.5



#48
2-Nitroaniline
Concen: 4.948 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.224 min
Lab File: BF141805.D
Acq: 28 Feb 2025 11:17

Tgt Ion: 65 Resp: 7073
Ion Ratio Lower Upper
65 100
92 215.9 55.7 83.5#
138 35.0 80.6 121.0#





#51

2,6-Dinitrotoluene

Concen: 12.244 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.212 min

Lab File: BF141805.D

Acq: 28 Feb 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB166894BL

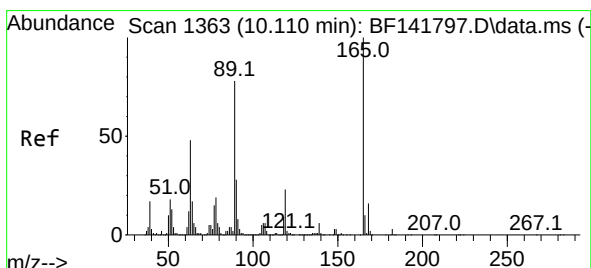
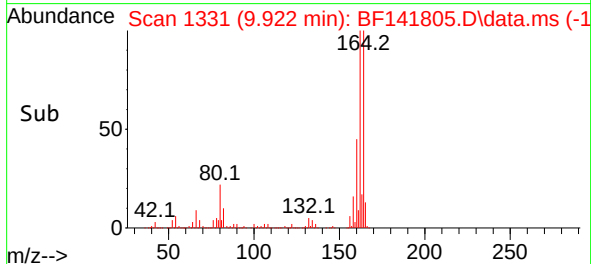
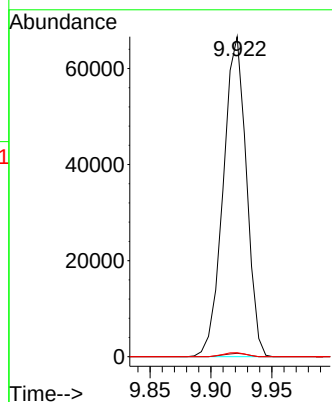
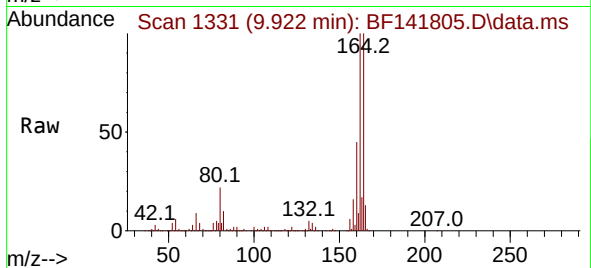
Tgt Ion:165 Resp: 88055

Ion Ratio Lower Upper

165 100

63 1.0 49.5 74.3#

89 1.3 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 11.115 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.188 min

Lab File: BF141805.D

Acq: 28 Feb 2025 11:17

Tgt Ion:165 Resp: 88055

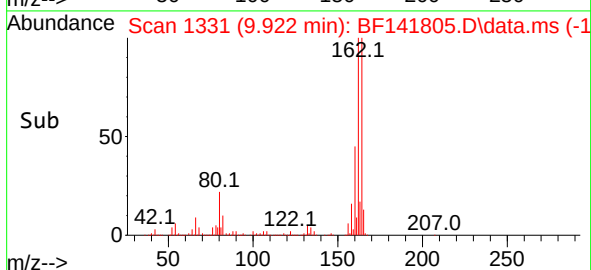
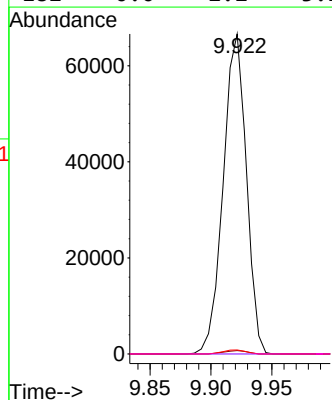
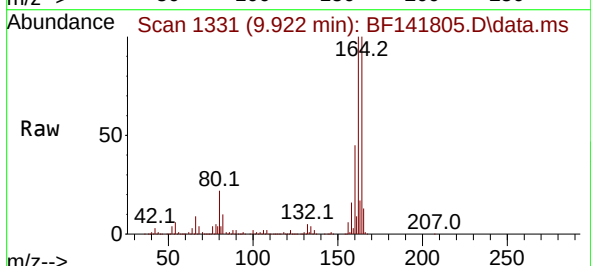
Ion Ratio Lower Upper

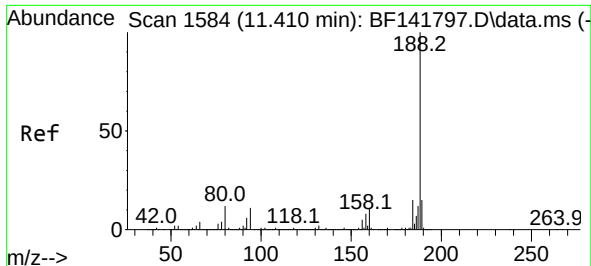
165 100

63 1.0 38.8 58.2#

89 1.3 62.6 94.0#

182 0.0 2.2 3.2#

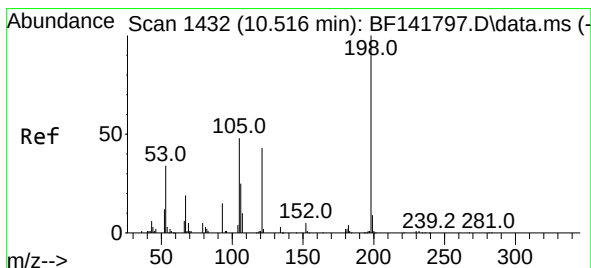
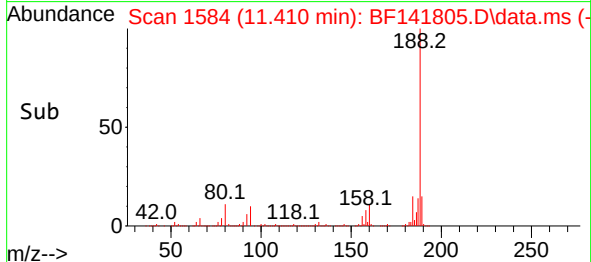
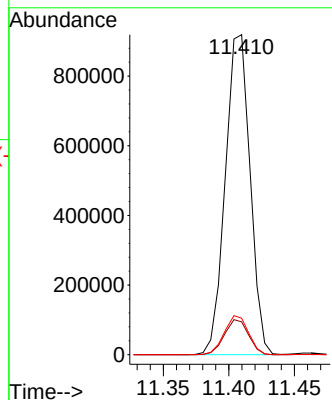
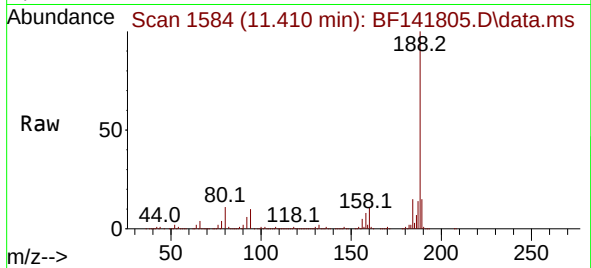




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141805.D
Acq: 28 Feb 2025 11:17

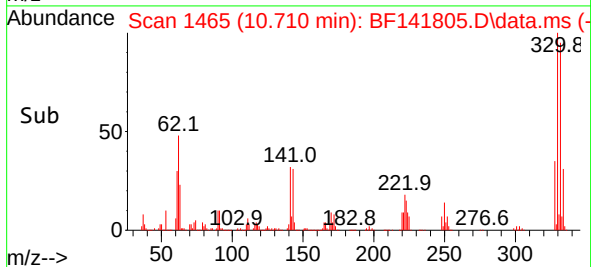
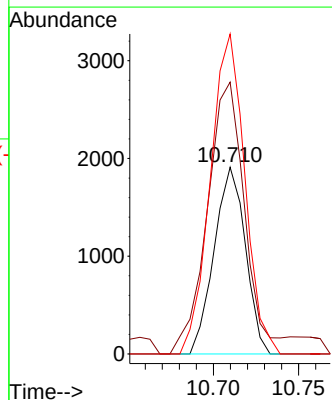
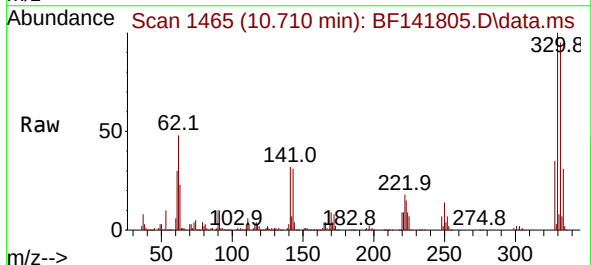
Instrument :
BNA_F
ClientSampleId :
PB166894BL

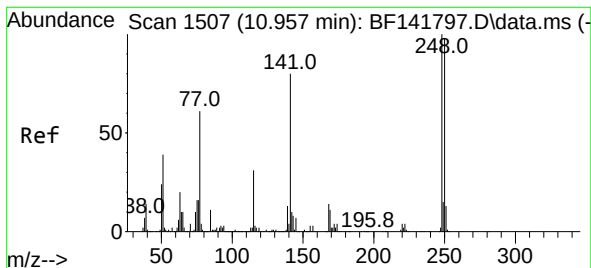
Tgt Ion:188 Resp: 1209583
Ion Ratio Lower Upper
188 100
94 10.3 8.9 13.3
80 11.4 9.7 14.5



#65
4,6-Dinitro-2-methylphenol
Concen: 8.481 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.194 min
Lab File: BF141805.D
Acq: 28 Feb 2025 11:17

Tgt Ion:198 Resp: 2436
Ion Ratio Lower Upper
198 100
51 145.6 32.1 72.1#
105 171.4 28.5 68.5#

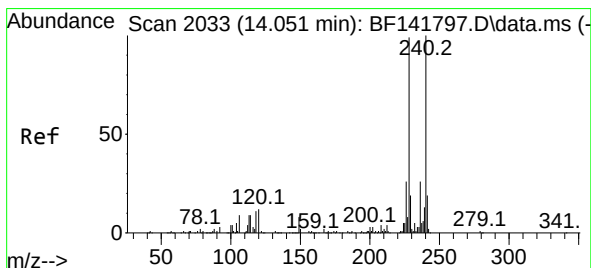
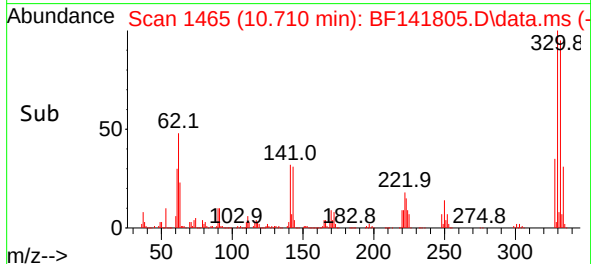
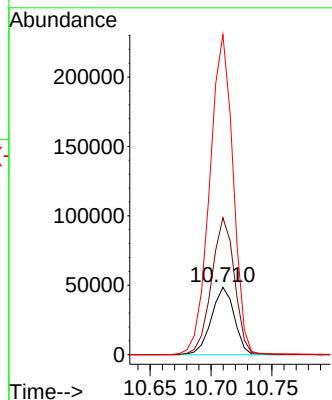
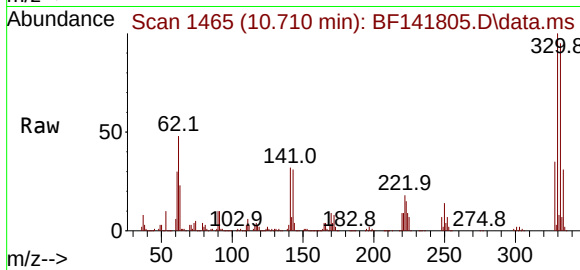




#67
4-Bromophenyl-phenylether
Concen: 4.494 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF141805.D
Acq: 28 Feb 2025 11:17

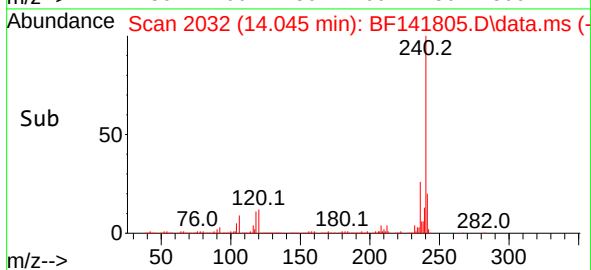
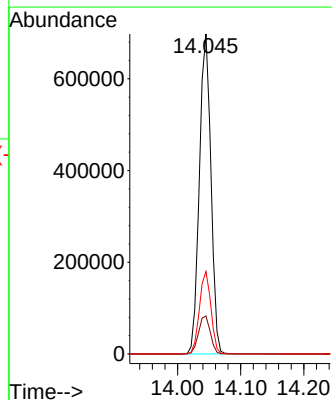
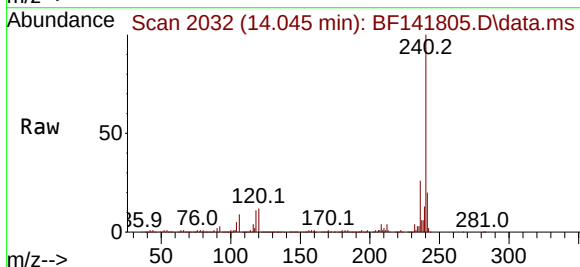
Instrument :
BNA_F
ClientSampleId :
PB166894BL

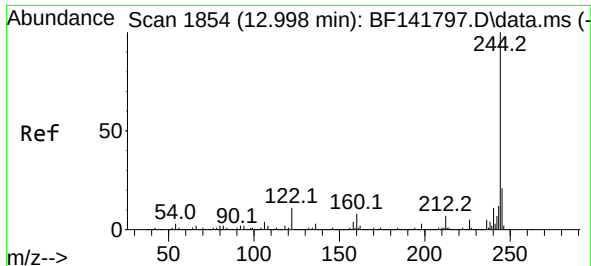
Tgt Ion:248 Resp: 63500
Ion Ratio Lower Upper
248 100
250 203.2 78.1 117.1#
141 474.6 64.3 96.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF141805.D
Acq: 28 Feb 2025 11:17

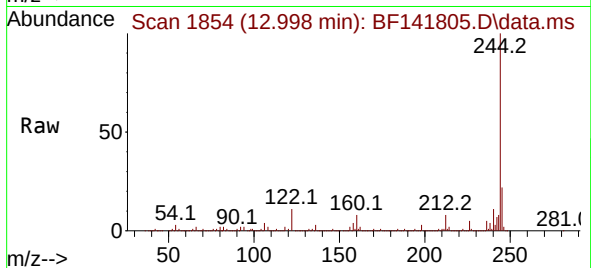
Tgt Ion:240 Resp: 884206
Ion Ratio Lower Upper
240 100
120 11.9 9.7 14.5
236 25.8 21.0 31.4



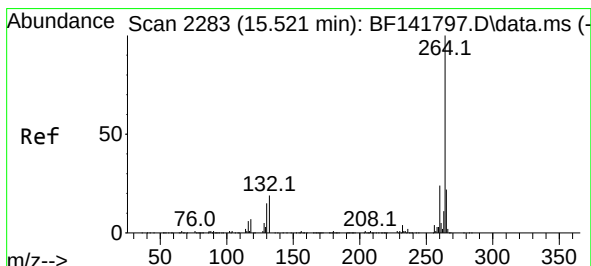
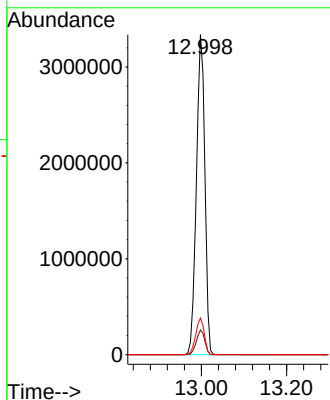
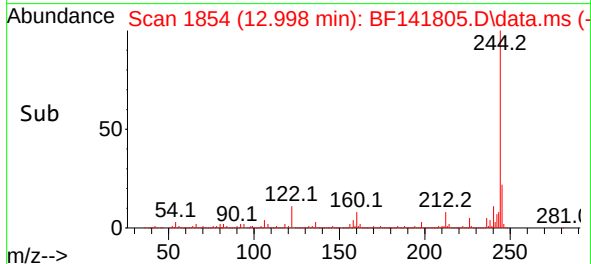


#79
 Terphenyl-d14
 Concen: 84.099 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF141805.D
 Acq: 28 Feb 2025 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB166894BL



Tgt Ion:244 Resp: 4596076
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 11.5 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2283
 Delta R.T. -0.000 min
 Lab File: BF141805.D
 Acq: 28 Feb 2025 11:17

Tgt Ion:264 Resp: 681174
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.4 17.4 26.0

