

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
 Data File : BF141532.D
 Acq On : 10 Feb 2025 12:00
 Operator : RC/JU
 Sample : PB166610BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166610BL

Quant Time: Feb 10 12:31:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

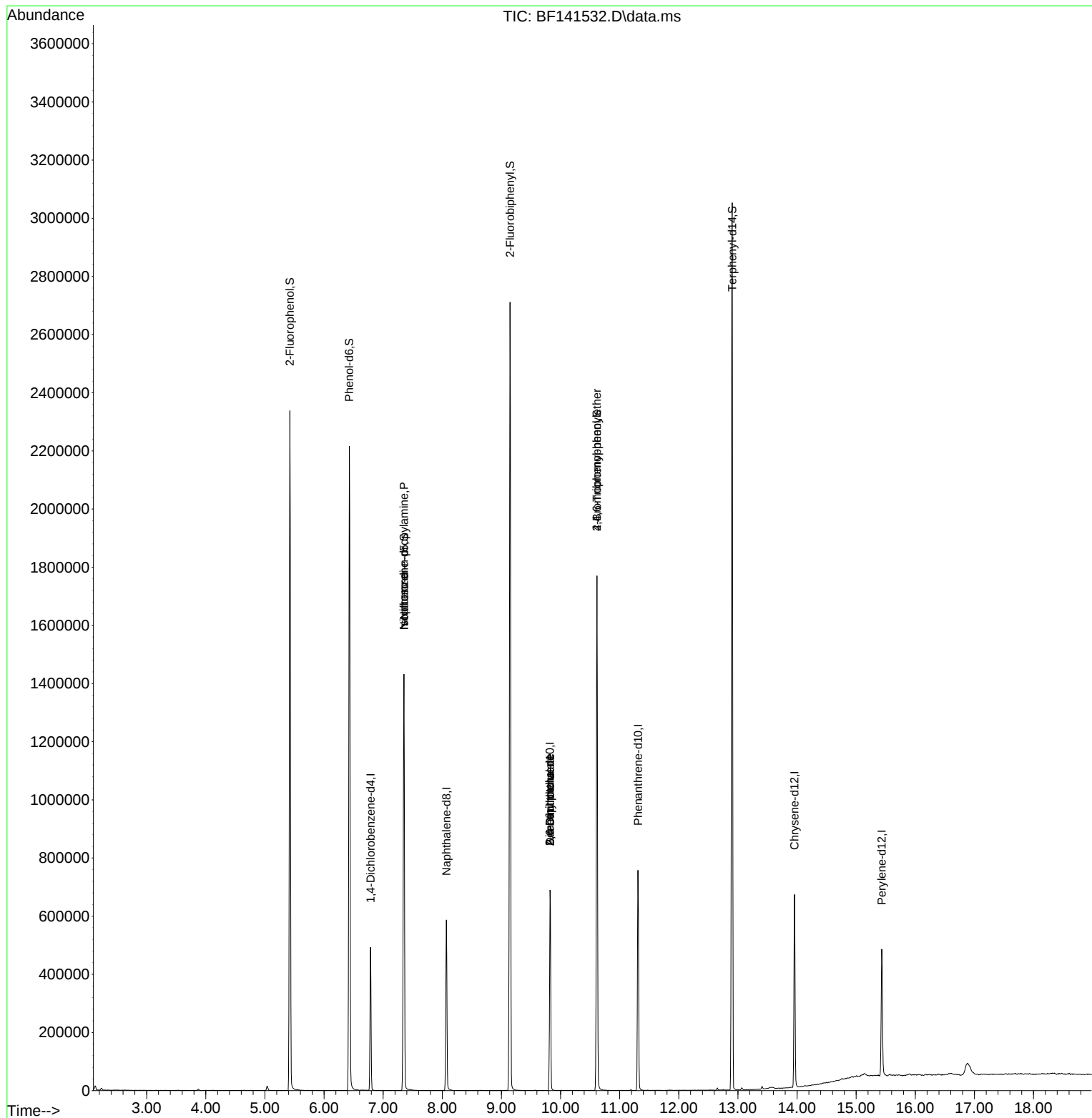
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	96977	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	393847	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	215175	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	388022	20.000	ng	0.00
76) Chrysene-d12	13.957	240	326373	20.000	ng	0.00
86) Perylene-d12	15.433	264	251386	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	814240	131.631	ng	0.01
7) Phenol-d6	6.428	99	1009563	129.128	ng	-0.01
23) Nitrobenzene-d5	7.351	82	688343	91.159	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	291875	135.032	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1290383	92.391	ng	0.00
79) Terphenyl-d14	12.904	244	1602481	82.889	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	94683	20.246	ng	# 75
25) Isophorone	7.351	82	663688	55.124	ng	# 66
50) Dimethylphthalate	9.822	163	30243	2.070	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	27906	8.739	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	27906	6.564	ng	# 19
67) 4-Bromophenyl-phenylether	10.616	248	20240	4.667	ng	# 1

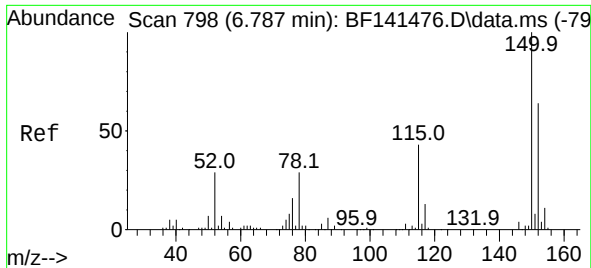
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
Data File : BF141532.D
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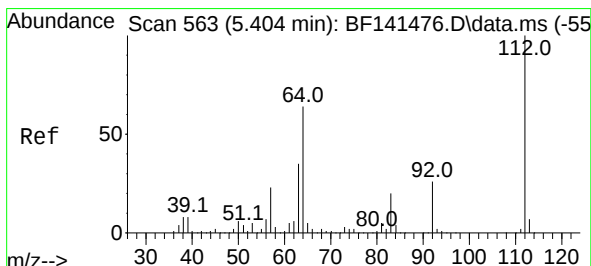
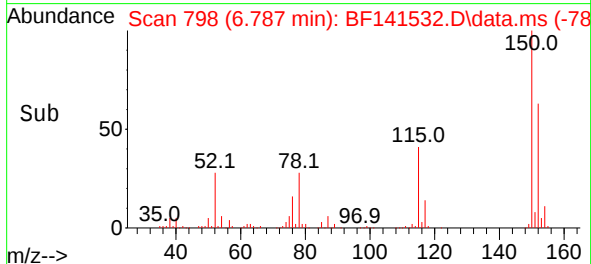
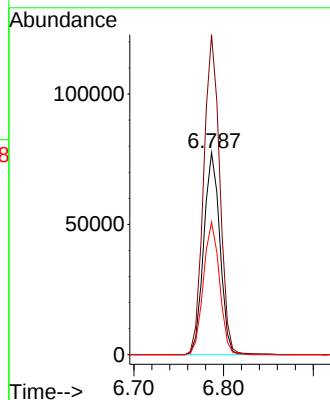
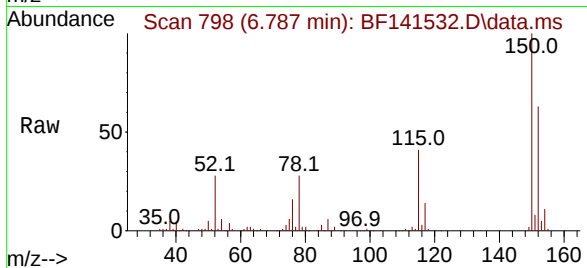




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141532.D
Acq: 10 Feb 2025 12:00

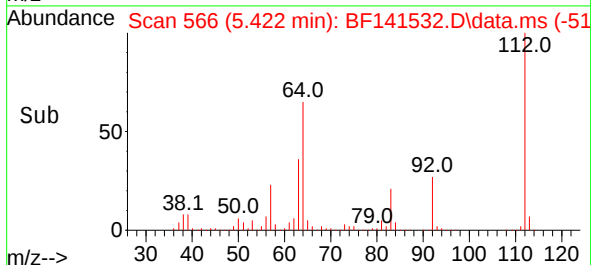
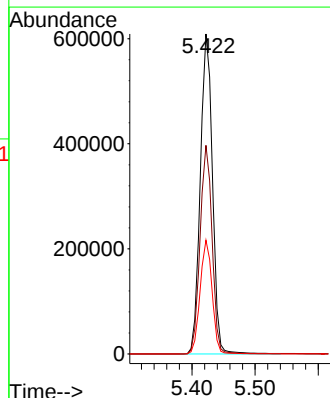
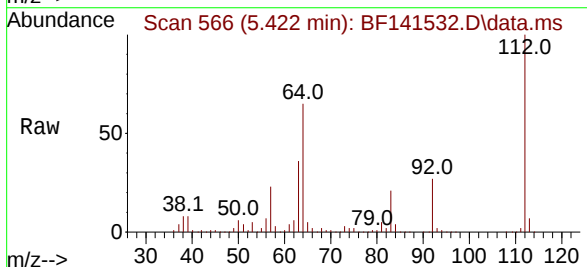
Instrument :
BNA_F
ClientSampleId :
PB166610BL

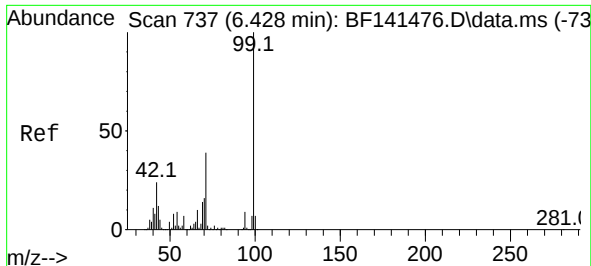
Tgt Ion:152 Resp: 96977
Ion Ratio Lower Upper
152 100
150 158.3 125.0 187.4
115 65.5 53.6 80.4



#5
2-Fluorophenol
Concen: 131.631 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141532.D
Acq: 10 Feb 2025 12:00

Tgt Ion:112 Resp: 814240
Ion Ratio Lower Upper
112 100
64 65.2 51.1 76.7
63 35.6 28.4 42.6

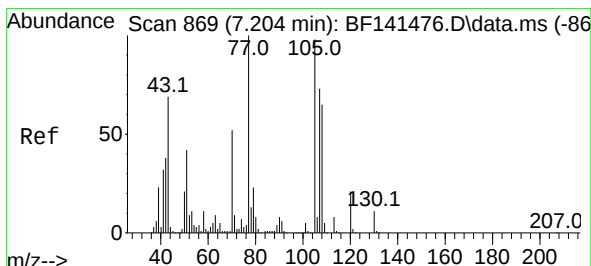
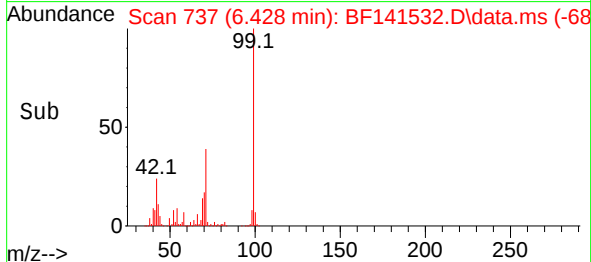
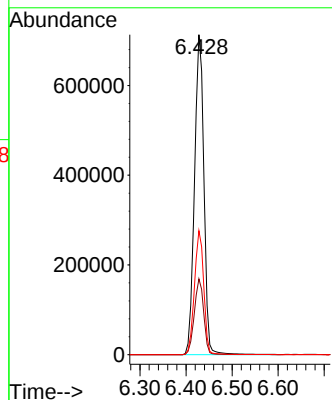
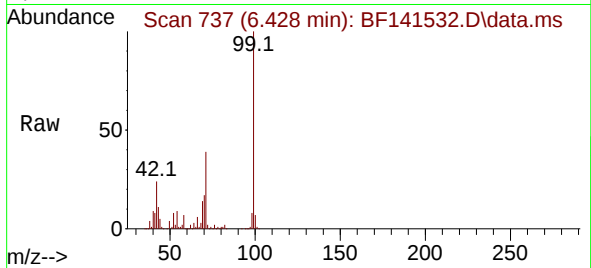




#7
Phenol-d6
Concen: 129.128 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141532.D
Acq: 10 Feb 2025 12:00

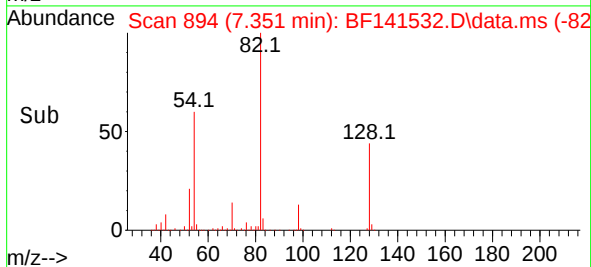
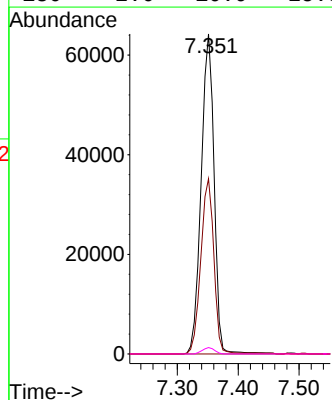
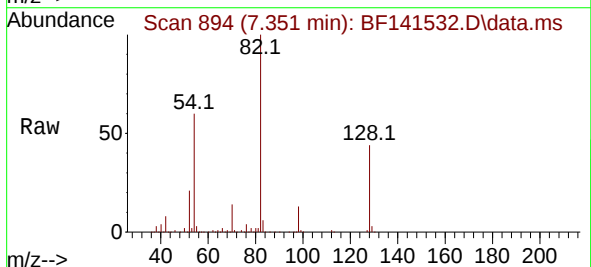
Instrument :
BNA_F
ClientSampleId :
PB166610BL

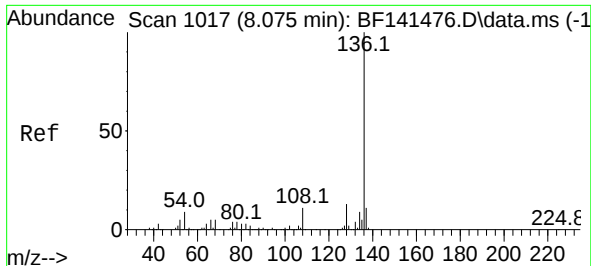
Tgt Ion: 99 Resp: 1009563
Ion Ratio Lower Upper
99 100
42 23.7 19.1 28.7
71 38.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.246 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141532.D
Acq: 10 Feb 2025 12:00

Tgt Ion: 70 Resp: 94683
Ion Ratio Lower Upper
70 100
42 54.7 57.4 86.2#
101 0.0 8.0 12.0#
130 2.0 16.9 25.3#

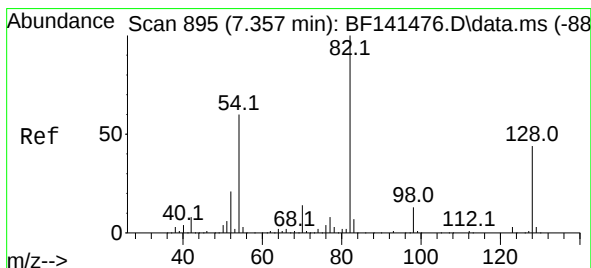
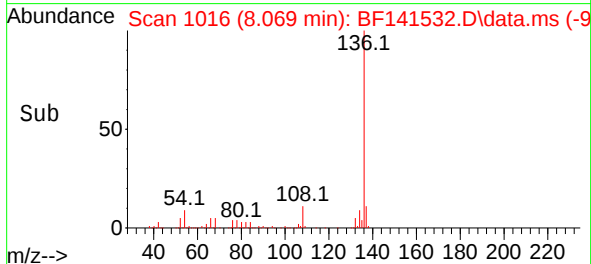
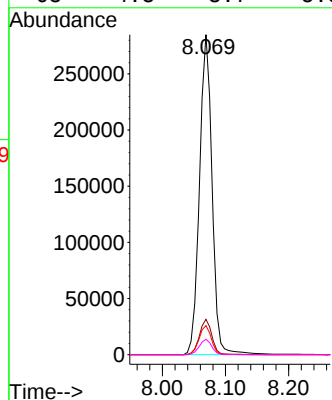
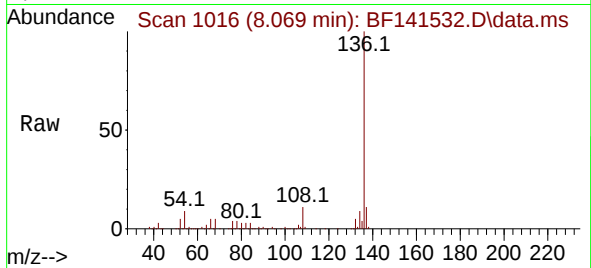




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141532.D
Acq: 10 Feb 2025 12:00

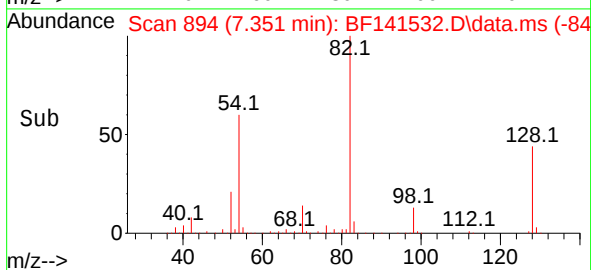
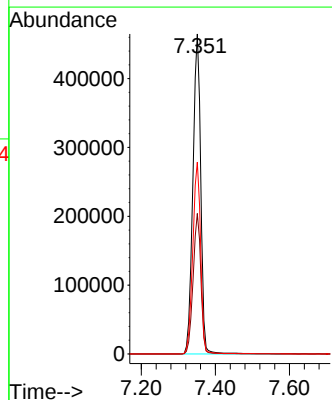
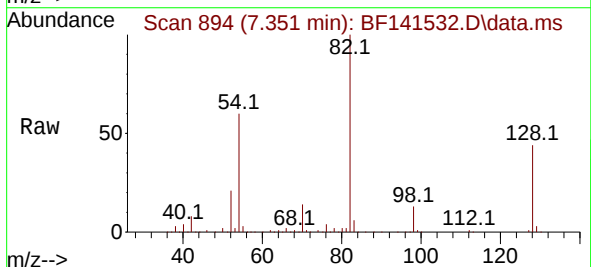
Instrument :
BNA_F
ClientSampleId :
PB166610BL

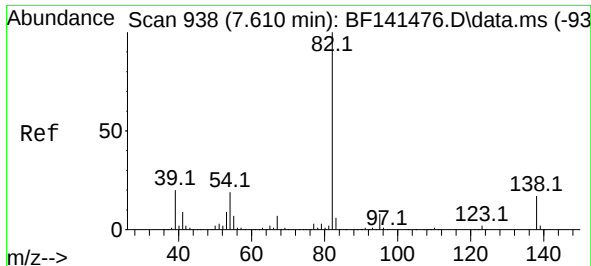
Tgt Ion:136 Resp: 393847
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.1 7.2 10.8
68 4.8 3.7 5.5



#23
Nitrobenzene-d5
Concen: 91.159 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141532.D
Acq: 10 Feb 2025 12:00

Tgt Ion: 82 Resp: 688343
Ion Ratio Lower Upper
82 100
128 43.9 34.8 52.2
54 59.9 48.2 72.4

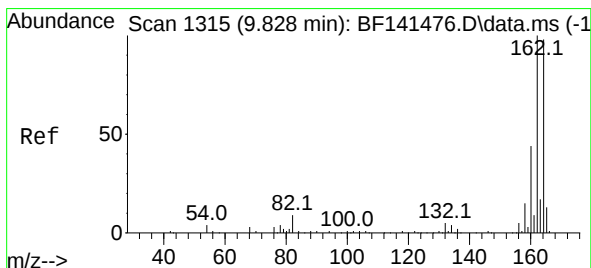
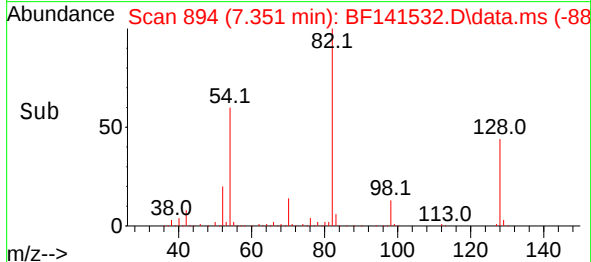
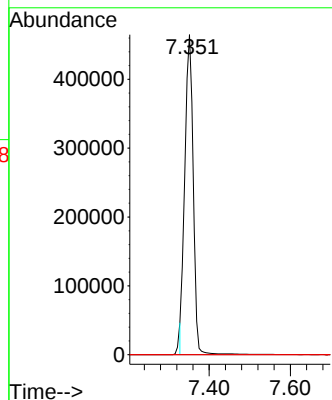
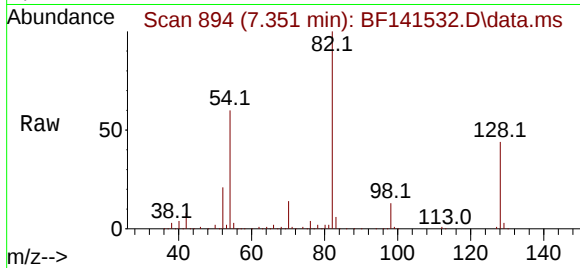




#25
Isophorone
Concen: 55.124 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF141532.D
Acq: 10 Feb 2025 12:00

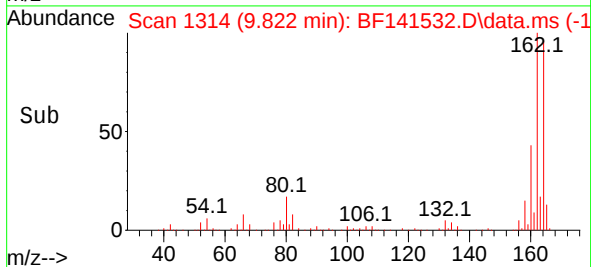
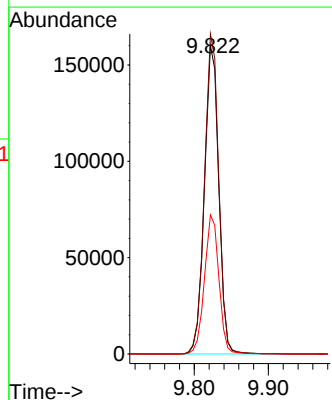
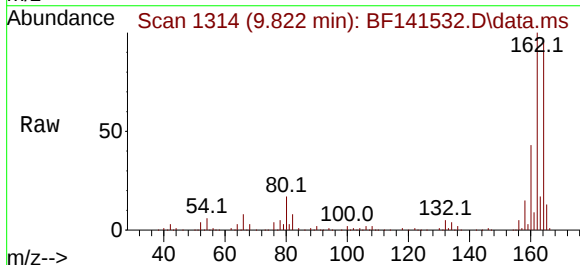
Instrument :
BNA_F
ClientSampleId :
PB166610BL

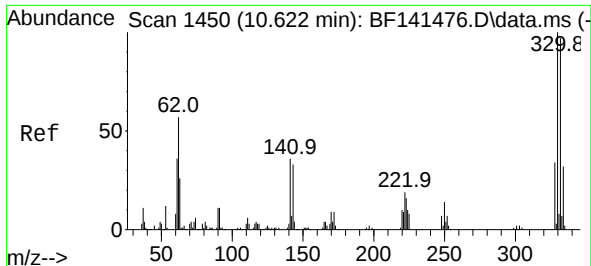
Tgt Ion: 82 Resp: 663688
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141532.D
Acq: 10 Feb 2025 12:00

Tgt Ion:164 Resp: 215175
Ion Ratio Lower Upper
164 100
162 103.7 81.3 121.9
160 45.1 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 135.032 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141532.D

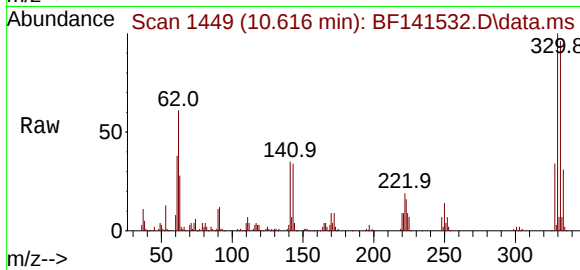
Acq: 10 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

PB166610BL



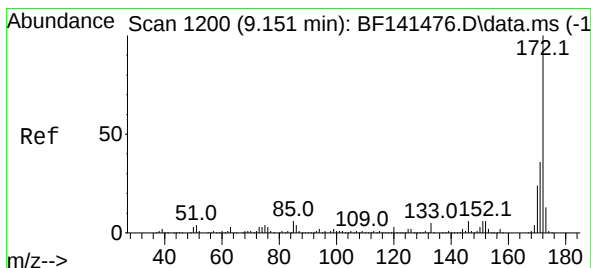
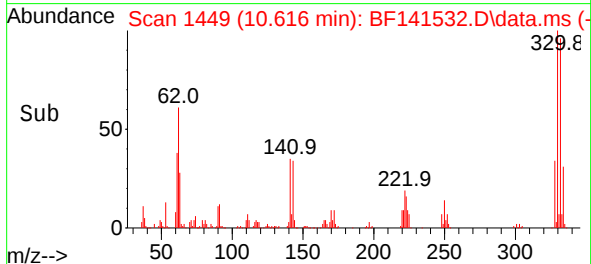
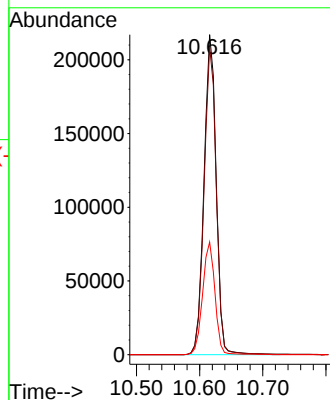
Tgt Ion:330 Resp: 291875

Ion Ratio Lower Upper

330 100

332 95.9 78.5 117.7

141 35.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 92.391 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141532.D

Acq: 10 Feb 2025 12:00

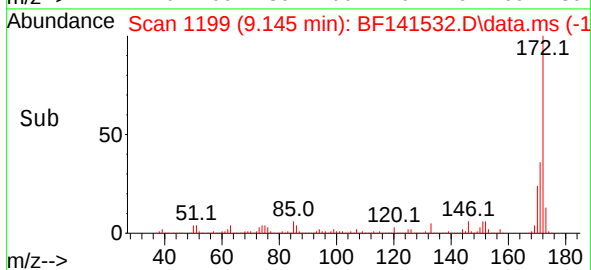
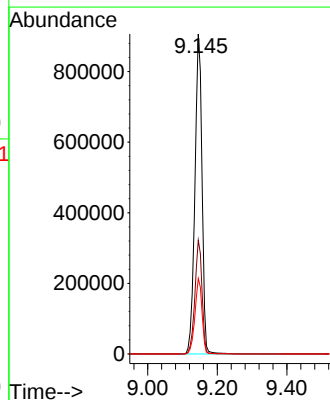
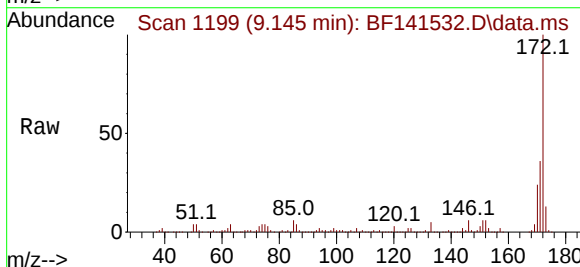
Tgt Ion:172 Resp: 1290383

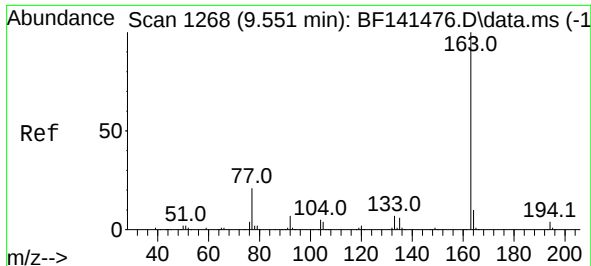
Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.6 18.9 28.3





#50

Dimethylphthalate

Concen: 2.070 ng

RT: 9.822 min Scan# 1314

Delta R.T. 0.259 min

Lab File: BF141532.D

Acq: 10 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

PB166610BL

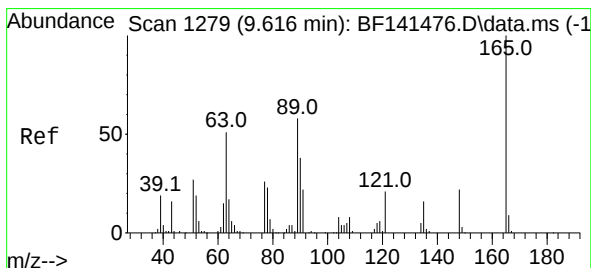
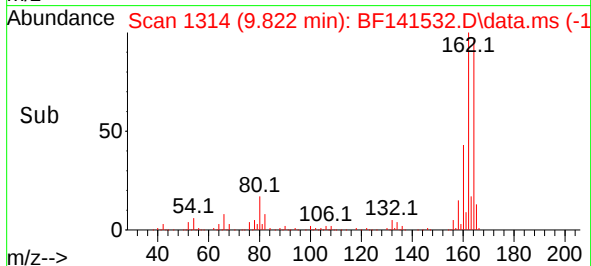
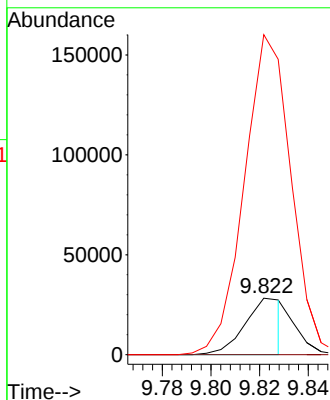
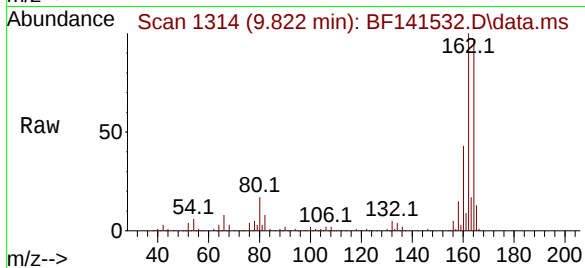
Tgt Ion:163 Resp: 30243

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

164 566.4 7.9 11.9#



#51

2,6-Dinitrotoluene

Concen: 8.739 ng

RT: 9.822 min Scan# 1314

Delta R.T. 0.200 min

Lab File: BF141532.D

Acq: 10 Feb 2025 12:00

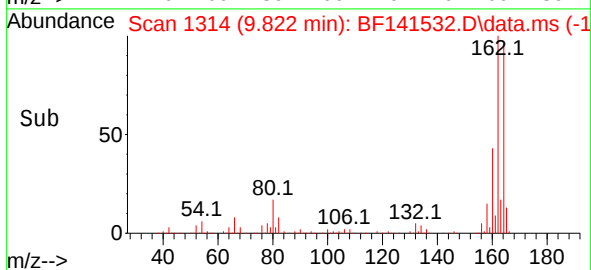
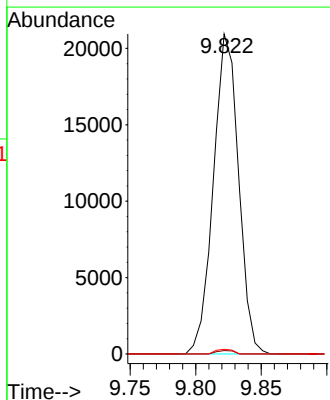
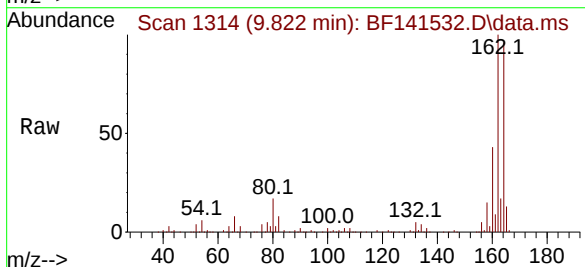
Tgt Ion:165 Resp: 27906

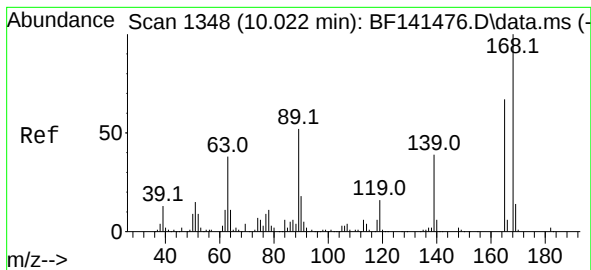
Ion Ratio Lower Upper

165 100

63 1.0 49.4 74.0#

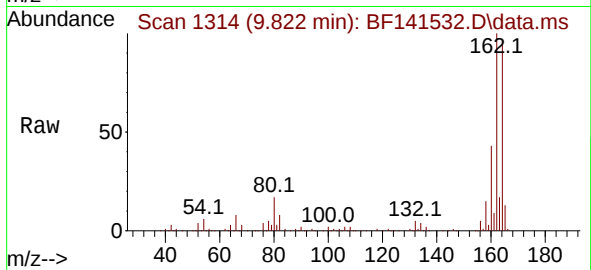
89 1.4 46.5 69.7#



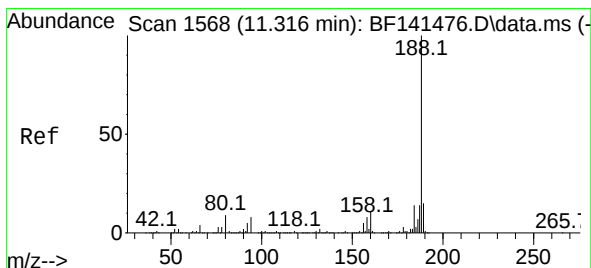
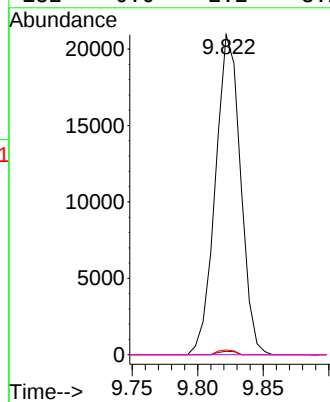
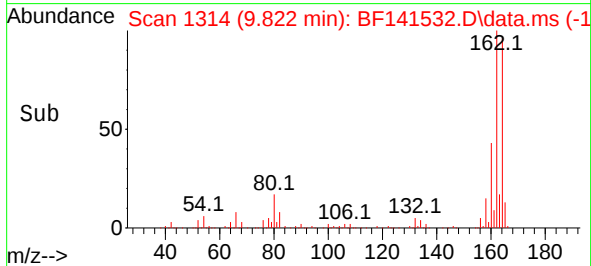


#57
2,4-Dinitrotoluene
Concen: 6.564 ng
RT: 9.822 min Scan# 14
Delta R.T. -0.206 min
Lab File: BF141532.D
Acq: 10 Feb 2025 12:00

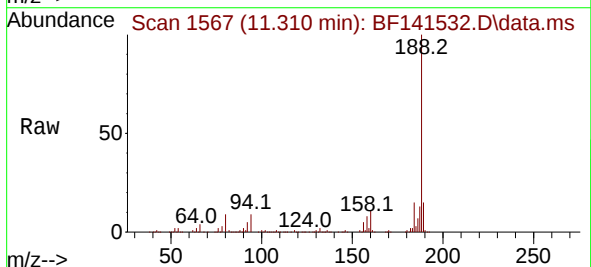
Instrument :
BNA_F
ClientSampleId :
PB166610BL



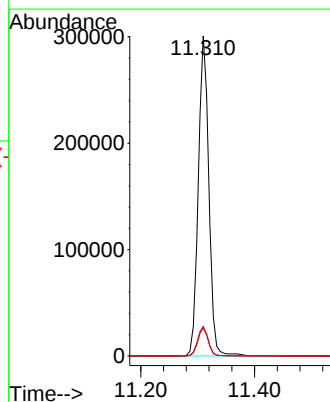
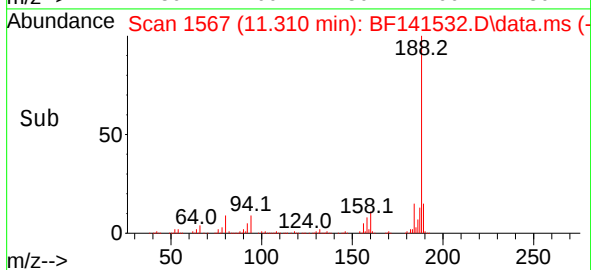
Tgt Ion:165 Resp: 27906
Ion Ratio Lower Upper
165 100
63 1.0 46.4 69.6#
89 1.4 61.8 92.6#
182 0.0 2.2 3.2#

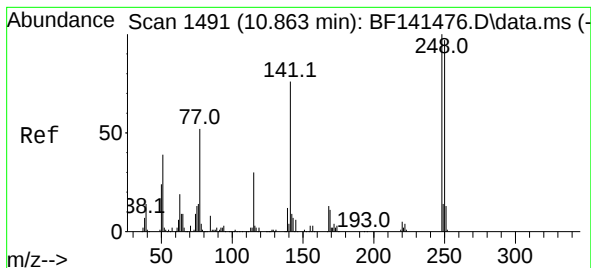


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141532.D
Acq: 10 Feb 2025 12:00



Tgt Ion:188 Resp: 388022
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.3 7.3 10.9

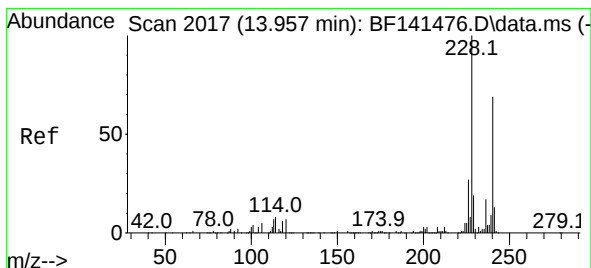
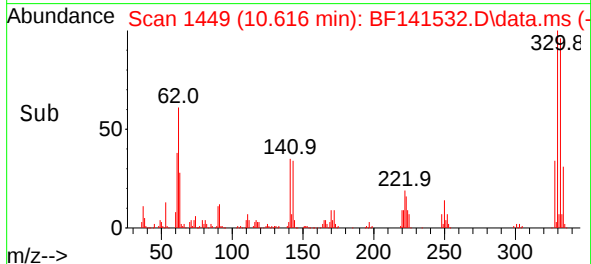
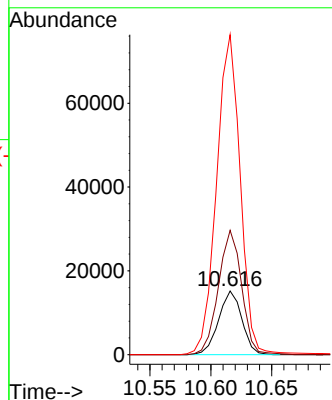
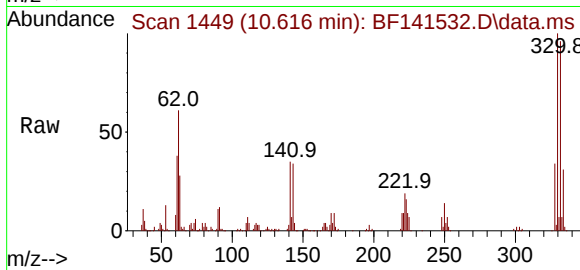




#67
4-Bromophenyl-phenylether
Concen: 4.667 ng
RT: 10.616 min Scan# 1491
Delta R.T. -0.247 min
Lab File: BF141532.D
Acq: 10 Feb 2025 12:00

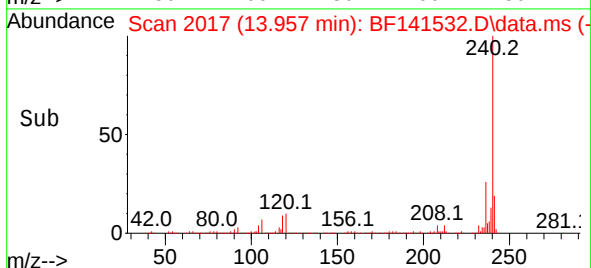
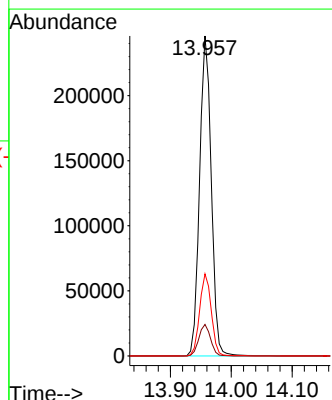
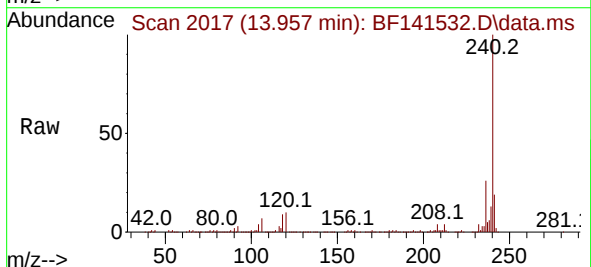
Instrument :
BNA_F
ClientSampleId :
PB166610BL

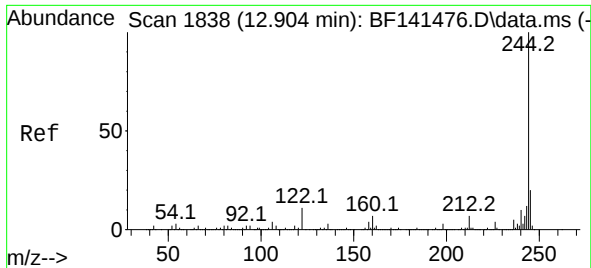
Tgt Ion:248 Resp: 20240
Ion Ratio Lower Upper
248 100
250 195.5 77.8 116.6#
141 503.1 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BF141532.D
Acq: 10 Feb 2025 12:00

Tgt Ion:240 Resp: 326373
Ion Ratio Lower Upper
240 100
120 9.9 8.0 12.0
236 25.7 19.8 29.8

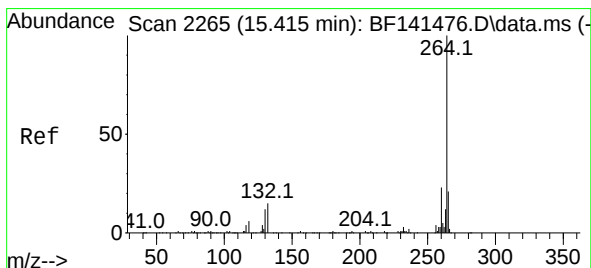
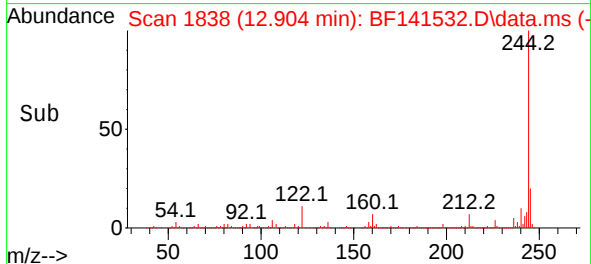
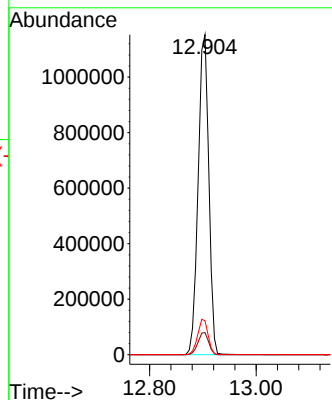
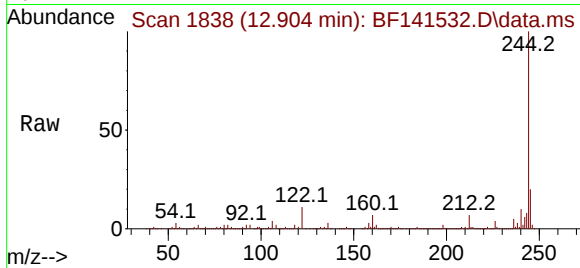




#79
 Terphenyl-d14
 Concen: 82.889 ng
 RT: 12.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF141532.D
 Acq: 10 Feb 2025 12:00

Instrument :
 BNA_F
 ClientSampleId :
 PB166610BL

Tgt Ion:244 Resp: 1602481
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.6 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2268
 Delta R.T. 0.018 min
 Lab File: BF141532.D
 Acq: 10 Feb 2025 12:00

Tgt Ion:264 Resp: 251386
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 21.1 17.0 25.4

