

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141404.D
 Acq On : 04 Feb 2025 13:21
 Operator : RC/JU
 Sample : PB166360BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166360BL

Quant Time: Feb 04 13:57:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

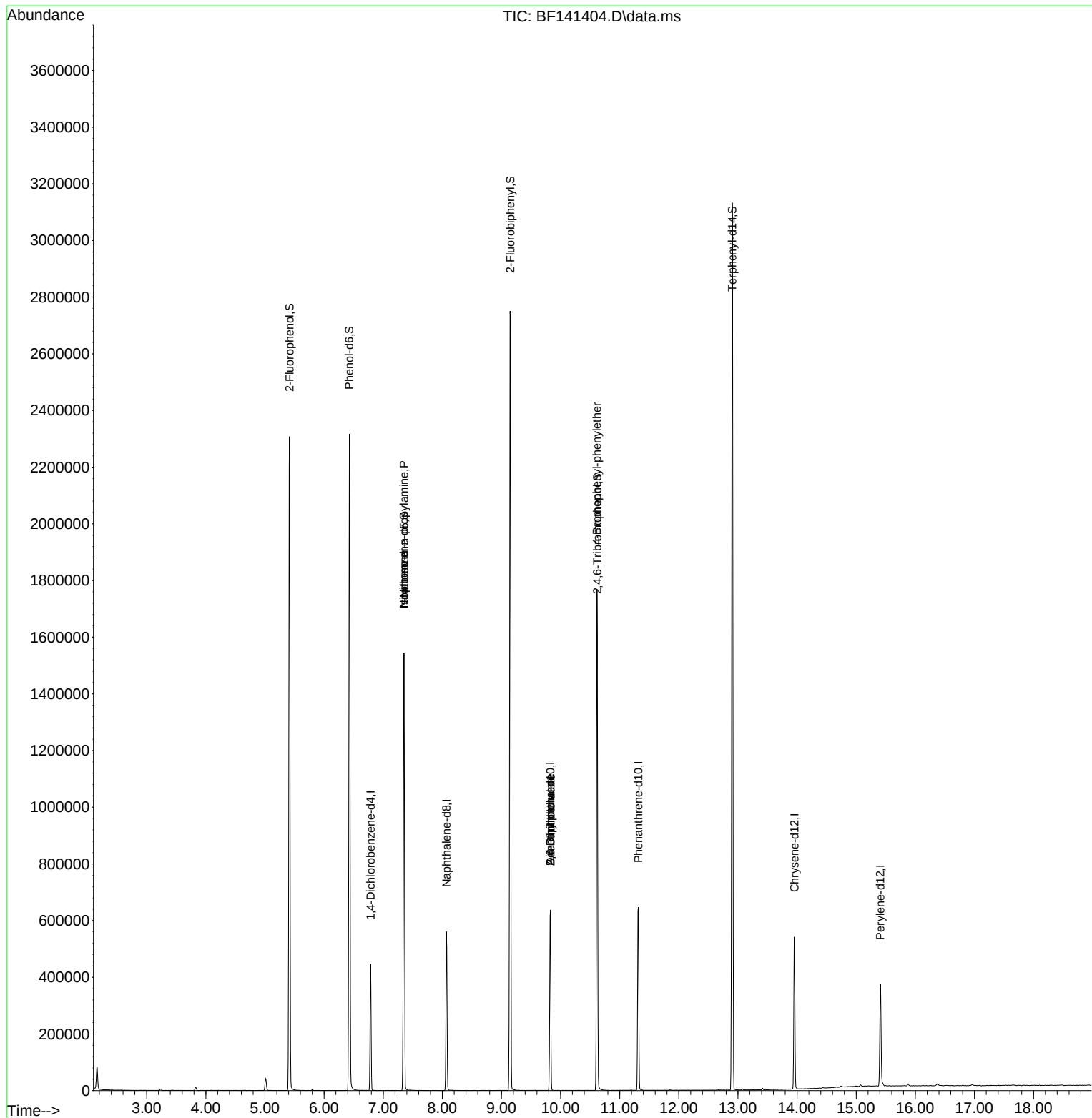
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	87808	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	356027	20.000	ng	-0.02
39) Acenaphthene-d10	9.827	164	197186	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	341529	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	264448	20.000	ng	-0.02
86) Perylene-d12	15.409	264	208461	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	841178	147.068	ng	0.00
7) Phenol-d6	6.428	99	1034463	142.172	ng	-0.01
23) Nitrobenzene-d5	7.351	82	684826	101.401	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	285932	158.171	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1280476	99.951	ng	-0.01
79) Terphenyl-d14	12.904	244	1599284	93.266	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	91578	21.182	ng	# 76
25) Isophorone	7.351	82	679727	58.224	ng	# 64
50) Dimethylphthalate	9.827	163	31174	2.341	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	25043	8.099	ng	# 23
57) 2,4-Dinitrotoluene	9.827	165	25043	6.255	ng	# 23
67) 4-Bromophenyl-phenylether	10.616	248	19847	5.191	ng	# 1

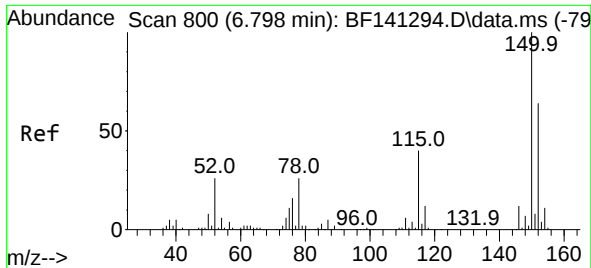
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
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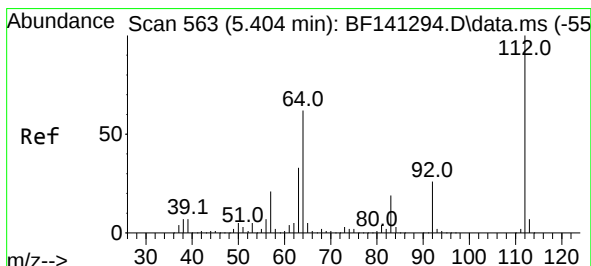
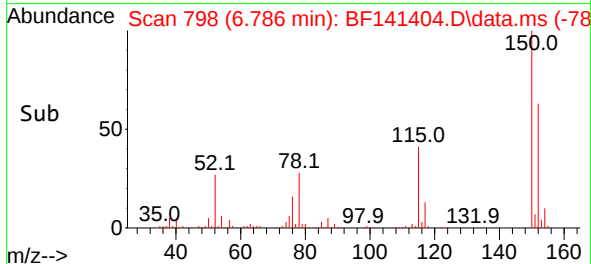
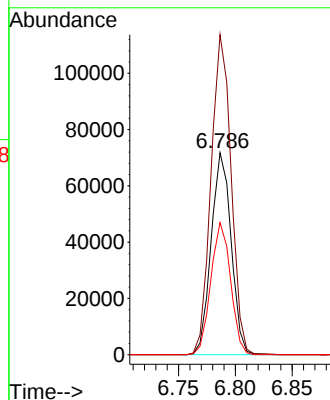
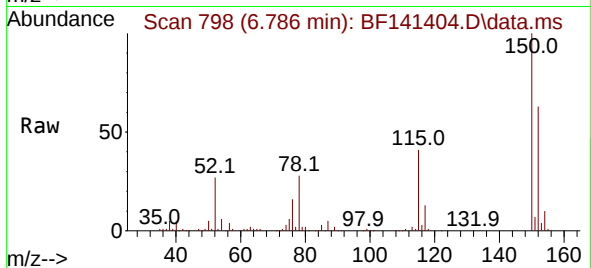




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.018 min
 Lab File: BF141404.D
 Acq: 04 Feb 2025 13:21

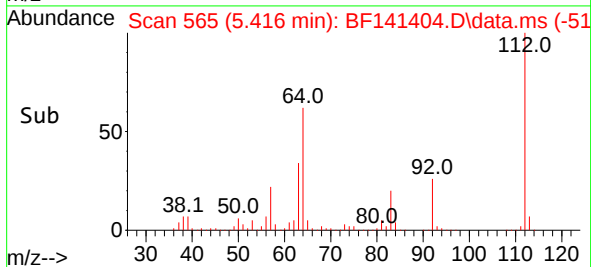
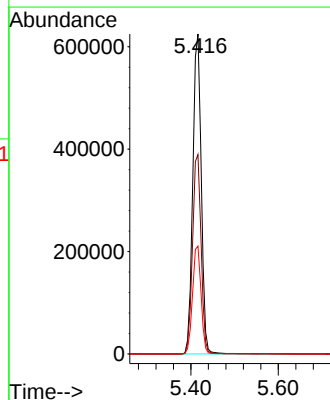
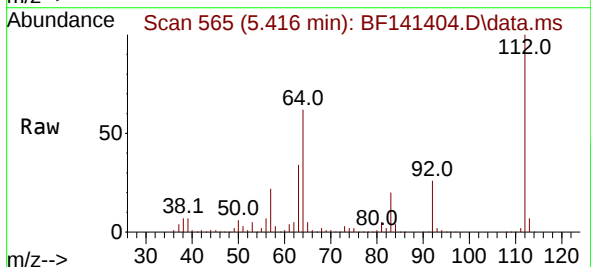
Instrument :
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 ClientSampleId :
 PB166360BL

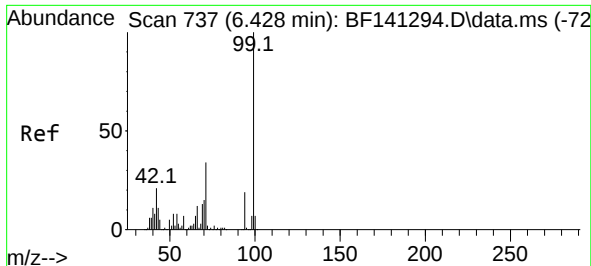
Tgt Ion:152 Resp: 87808
 Ion Ratio Lower Upper
 152 100
 150 158.5 125.9 188.9
 115 65.5 49.7 74.5



#5
 2-Fluorophenol
 Concen: 147.068 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141404.D
 Acq: 04 Feb 2025 13:21

Tgt Ion:112 Resp: 841178
 Ion Ratio Lower Upper
 112 100
 64 62.3 49.8 74.8
 63 33.7 26.1 39.1

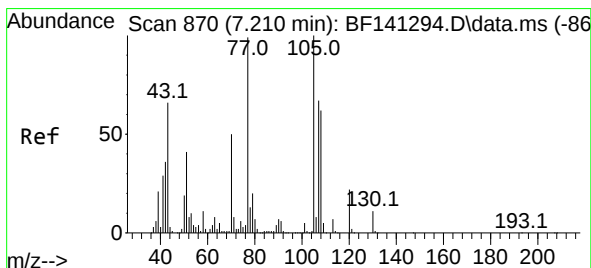
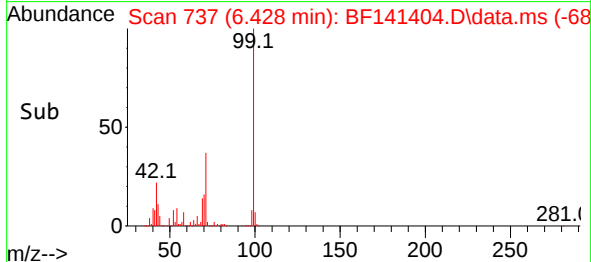
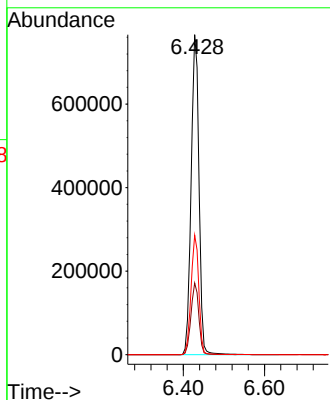
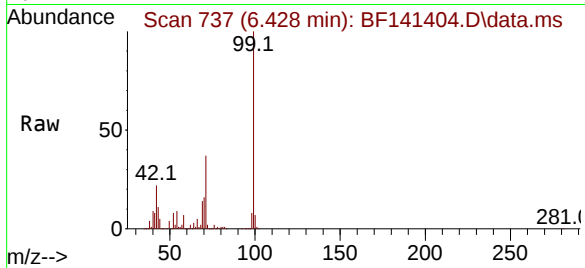




#7
Phenol-d6
Concen: 142.172 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141404.D
Acq: 04 Feb 2025 13:21

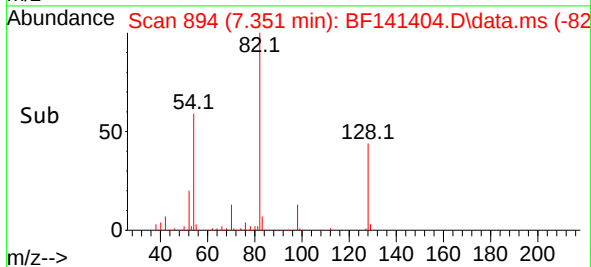
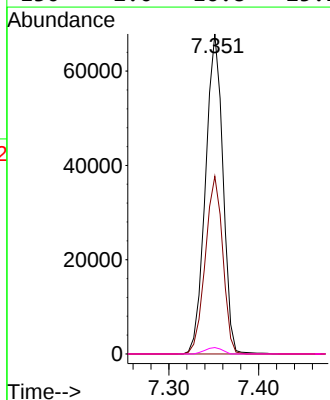
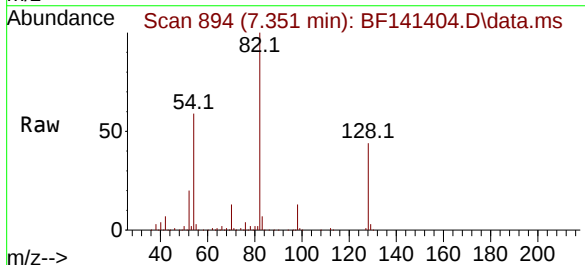
Instrument :
BNA_F
ClientSampleId :
PB166360BL

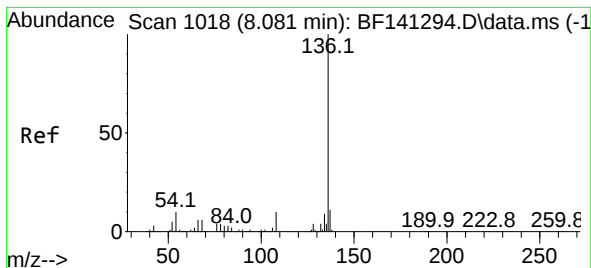
Tgt Ion: 99 Resp: 1034463
Ion Ratio Lower Upper
99 100
42 22.4 17.1 25.7
71 37.3 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.182 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141404.D
Acq: 04 Feb 2025 13:21

Tgt Ion: 70 Resp: 91578
Ion Ratio Lower Upper
70 100
42 55.5 56.8 85.2#
101 0.0 7.7 11.5#
130 2.0 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141404.D

Acq: 04 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

PB166360BL

Tgt Ion:136 Resp: 356027

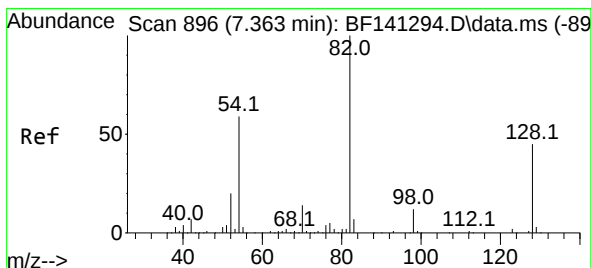
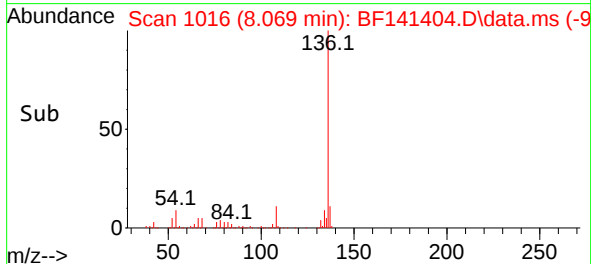
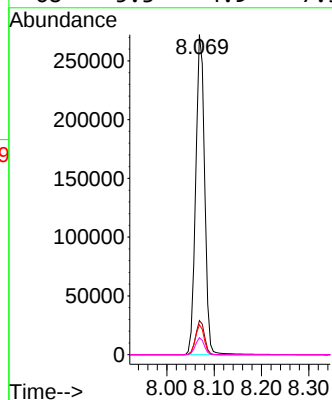
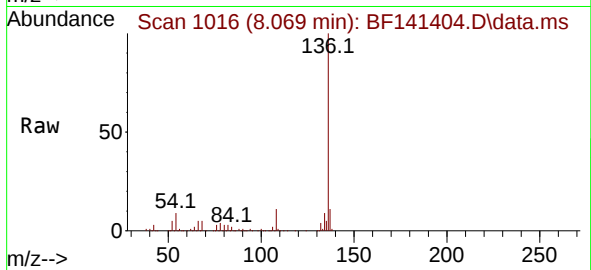
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 9.4 7.8 11.8

68 5.3 4.9 7.3



#23

Nitrobenzene-d5

Concen: 101.401 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF141404.D

Acq: 04 Feb 2025 13:21

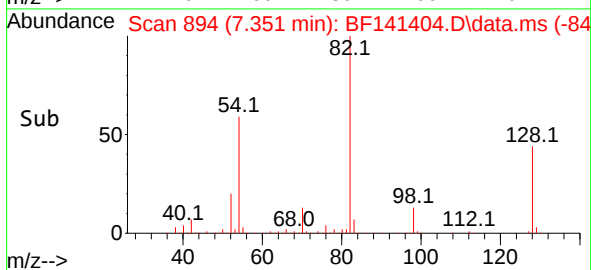
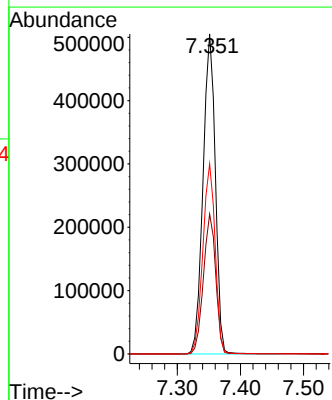
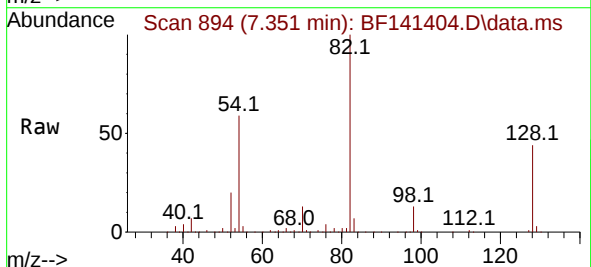
Tgt Ion: 82 Resp: 684826

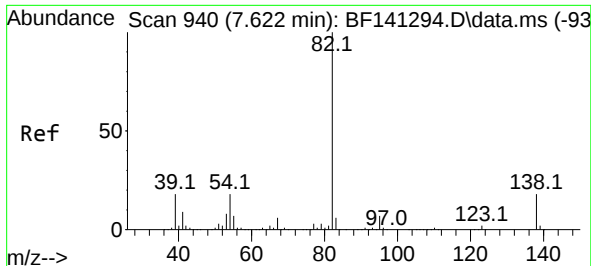
Ion Ratio Lower Upper

82 100

128 43.7 35.7 53.5

54 59.4 47.1 70.7

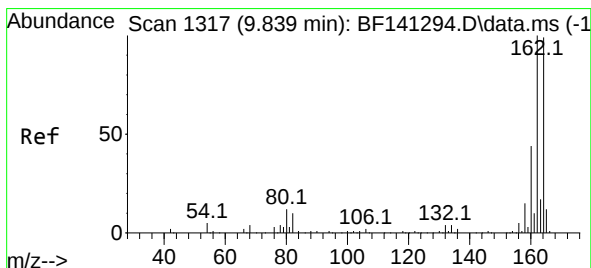
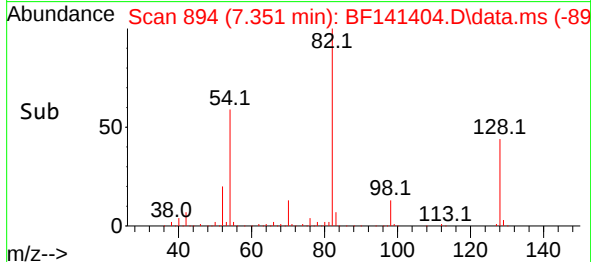
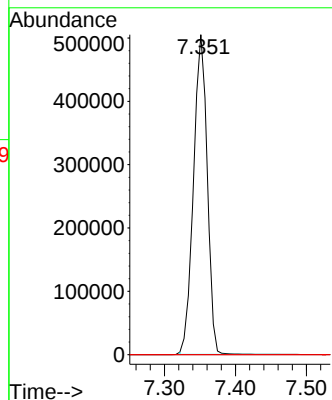
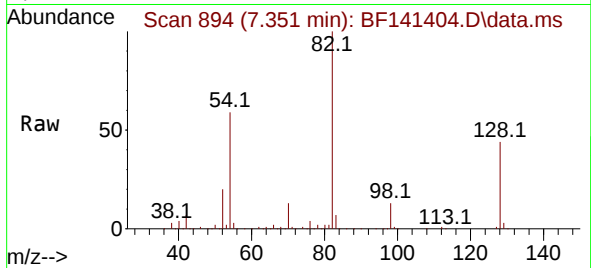




#25
Isophorone
Concen: 58.224 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.277 min
Lab File: BF141404.D
Acq: 04 Feb 2025 13:21

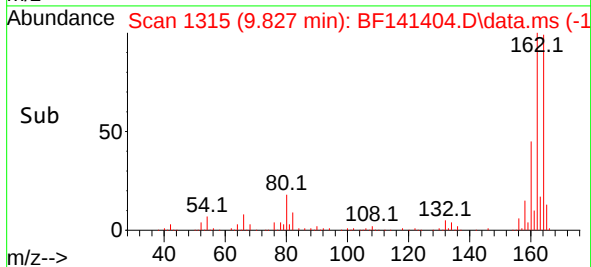
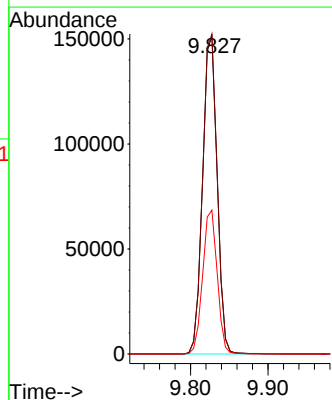
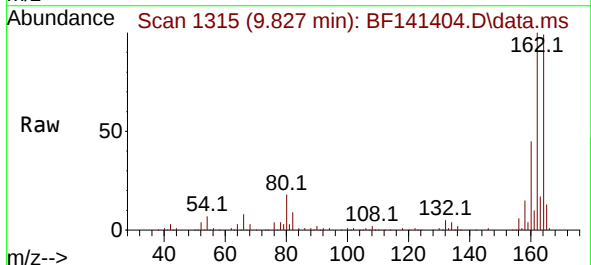
Instrument :
BNA_F
ClientSampleId :
PB166360BL

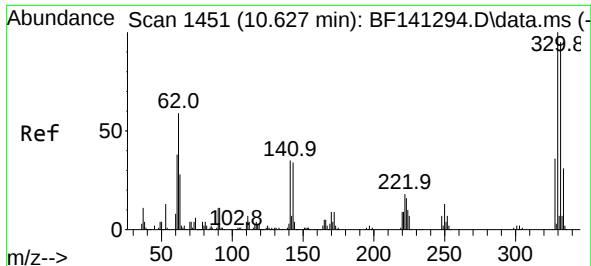
Tgt Ion: 82 Resp: 679727
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141404.D
Acq: 04 Feb 2025 13:21

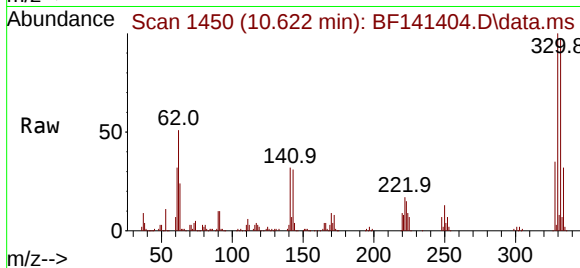
Tgt Ion:164 Resp: 197186
Ion Ratio Lower Upper
164 100
162 100.8 80.6 121.0
160 45.3 35.8 53.6



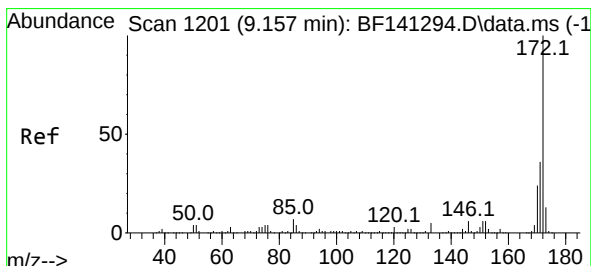
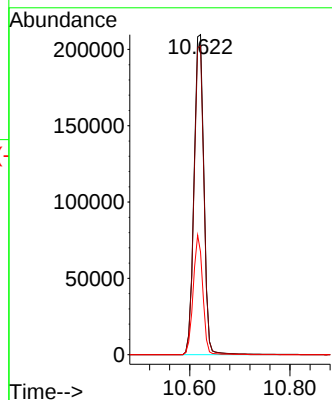
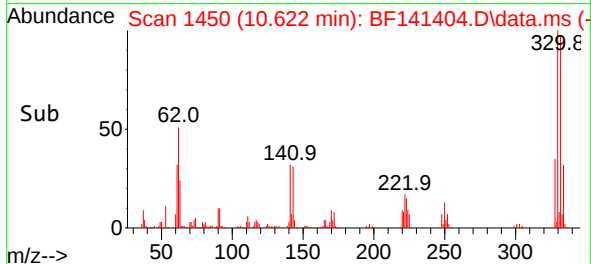


#42
 2,4,6-Tribromophenol
 Concen: 158.171 ng
 RT: 10.622 min Scan# 1451
 Delta R.T. -0.012 min
 Lab File: BF141404.D
 Acq: 04 Feb 2025 13:21

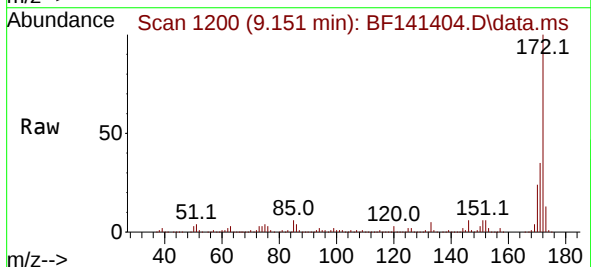
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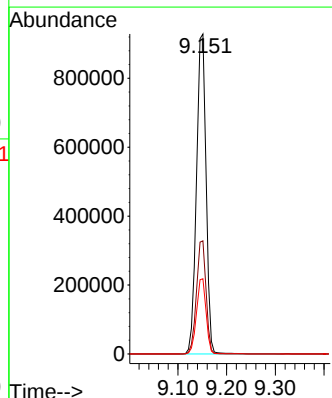
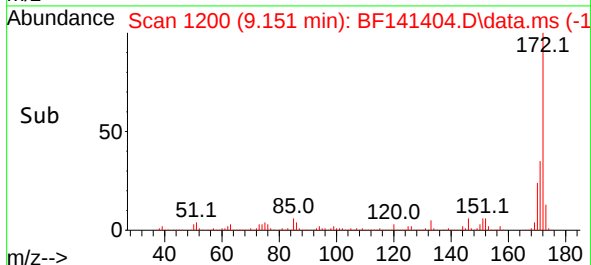
Tgt Ion:330 Resp: 285932
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.1 114.1
 141 36.0 28.8 43.2

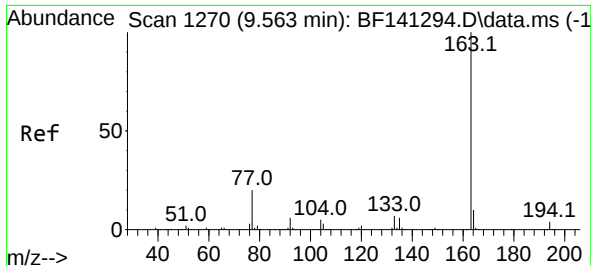


#45
 2-Fluorobiphenyl
 Concen: 99.951 ng
 RT: 9.151 min Scan# 1200
 Delta R.T. -0.012 min
 Lab File: BF141404.D
 Acq: 04 Feb 2025 13:21



Tgt Ion:172 Resp: 1280476
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.8 43.2
 170 23.5 19.0 28.6

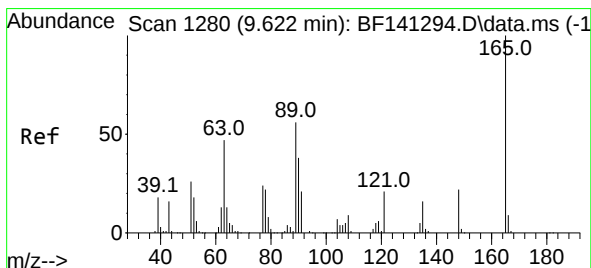
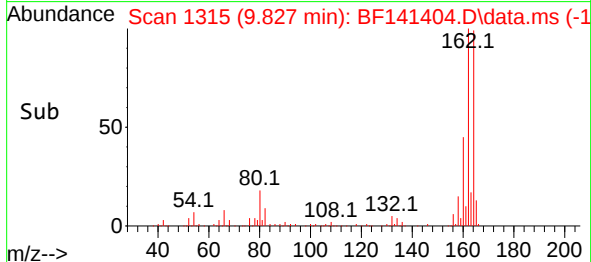
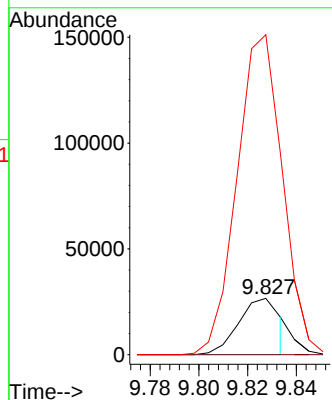
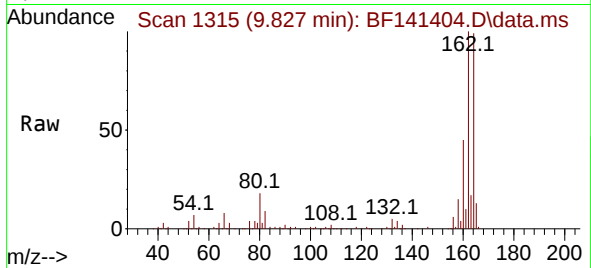




#50
Dimethylphthalate
Concen: 2.341 ng
RT: 9.827 min Scan# 1315
Delta R.T. 0.259 min
Lab File: BF141404.D
Acq: 04 Feb 2025 13:21

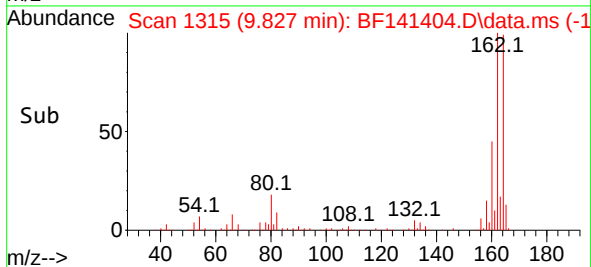
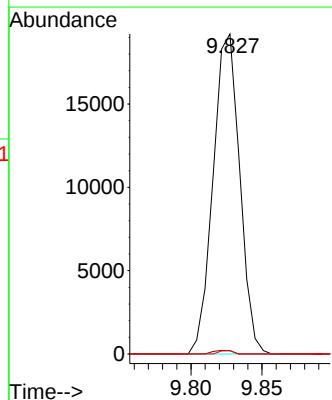
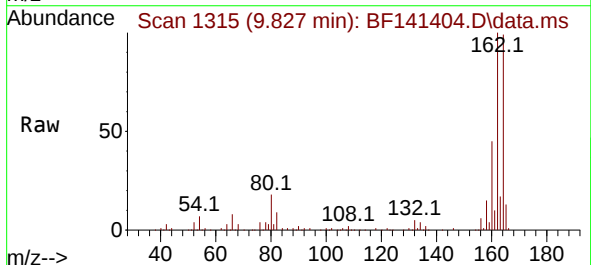
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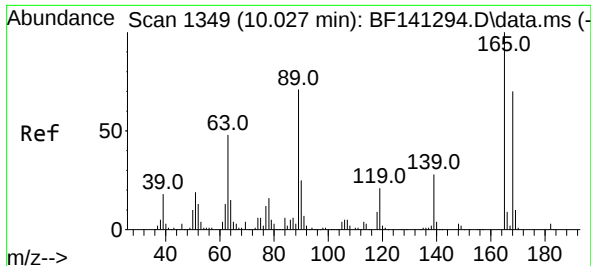
Tgt Ion:163 Resp: 31174
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 568.4 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.099 ng
RT: 9.827 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF141404.D
Acq: 04 Feb 2025 13:21

Tgt Ion:165 Resp: 25043
Ion Ratio Lower Upper
165 100
63 1.1 48.1 72.1#
89 1.0 44.9 67.3#

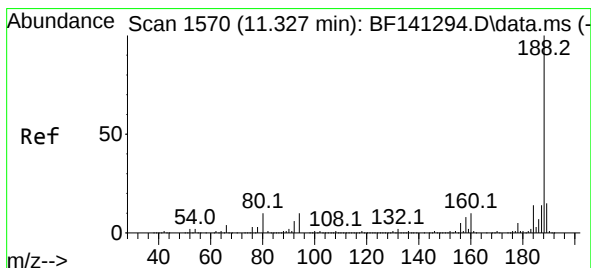
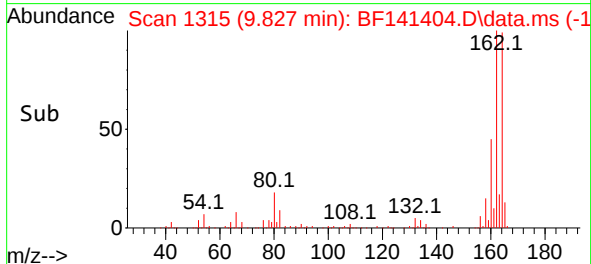
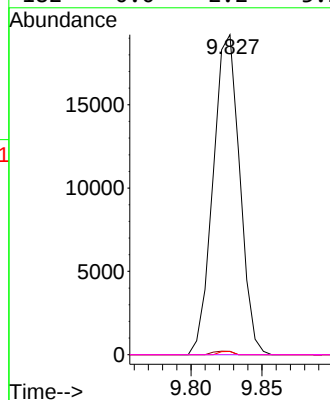
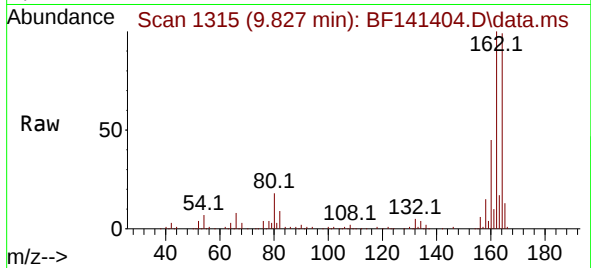




#57
2,4-Dinitrotoluene
Concen: 6.255 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141404.D
Acq: 04 Feb 2025 13:21

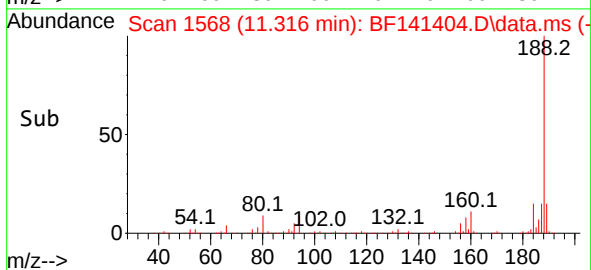
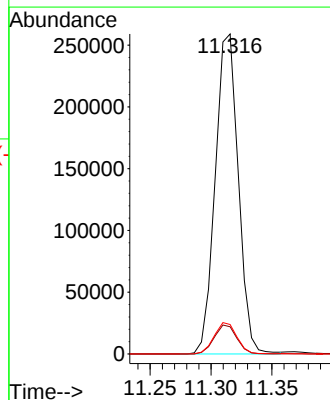
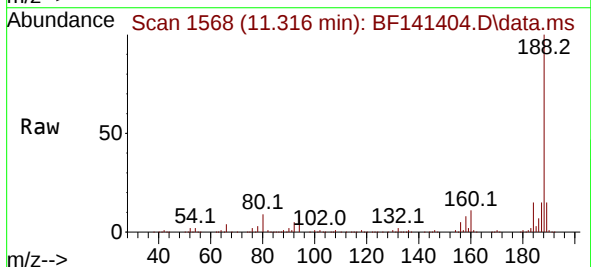
Instrument :
BNA_F
ClientSampleId :
PB166360BL

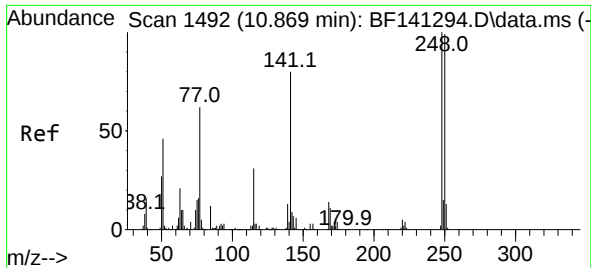
Tgt Ion:165 Resp: 25043
Ion Ratio Lower Upper
165 100
63 1.1 39.2 58.8#
89 1.0 56.9 85.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141404.D
Acq: 04 Feb 2025 13:21

Tgt Ion:188 Resp: 341529
Ion Ratio Lower Upper
188 100
94 8.5 7.8 11.6
80 9.2 8.2 12.4

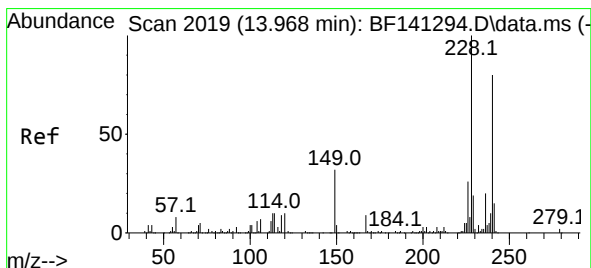
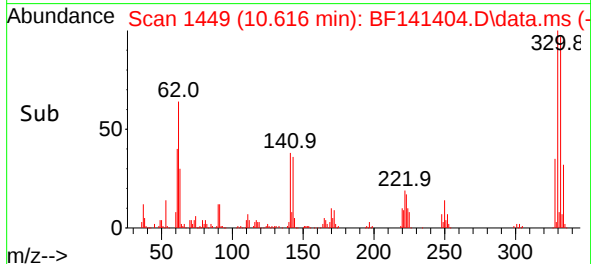
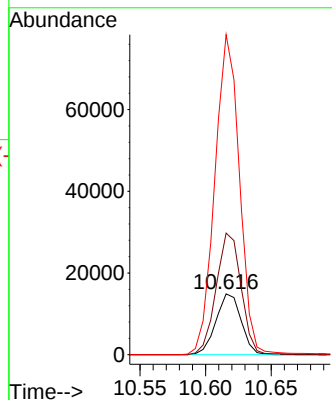
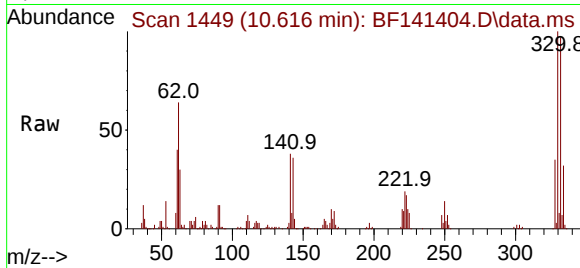




#67
4-Bromophenyl-phenylether
Concen: 5.191 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.259 min
Lab File: BF141404.D
Acq: 04 Feb 2025 13:21

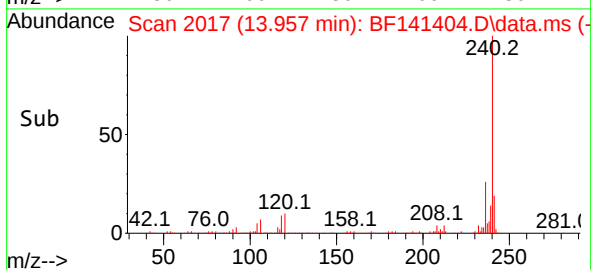
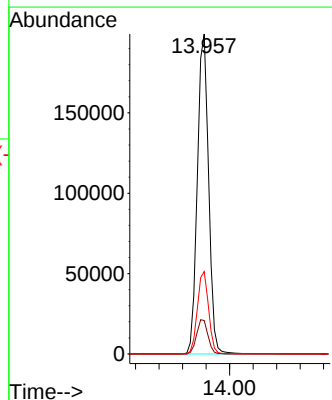
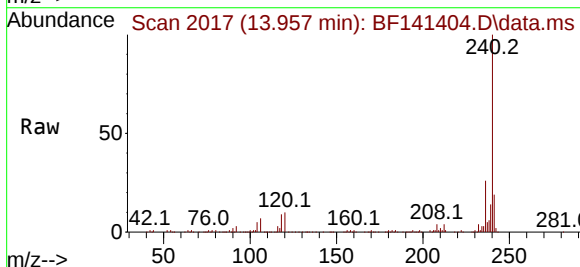
Instrument :
BNA_F
ClientSampleId :
PB166360BL

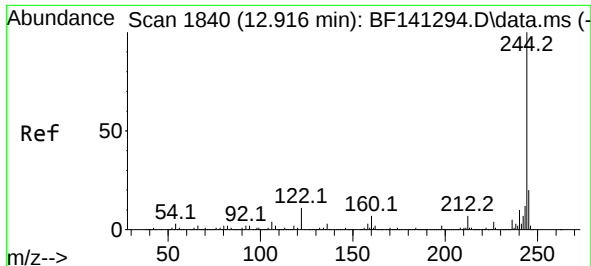
Tgt Ion:248 Resp: 19847
Ion Ratio Lower Upper
248 100
250 199.9 79.0 118.4#
141 525.9 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141404.D
Acq: 04 Feb 2025 13:21

Tgt Ion:240 Resp: 264448
Ion Ratio Lower Upper
240 100
120 10.4 10.0 15.0
236 25.7 19.7 29.5

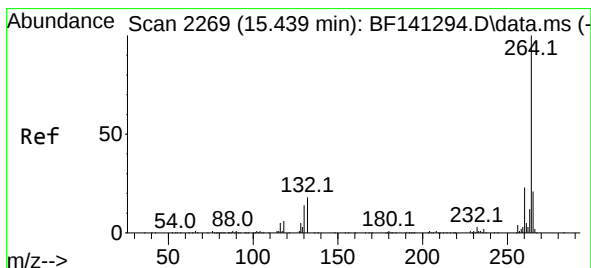
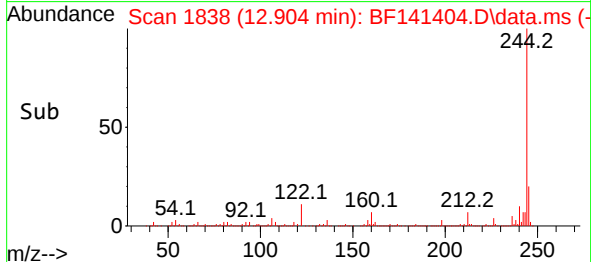
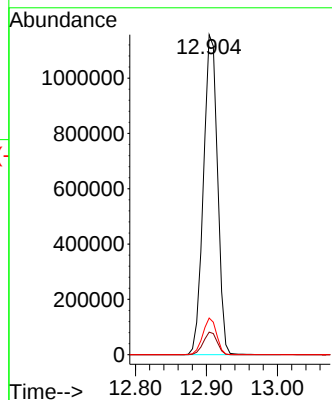
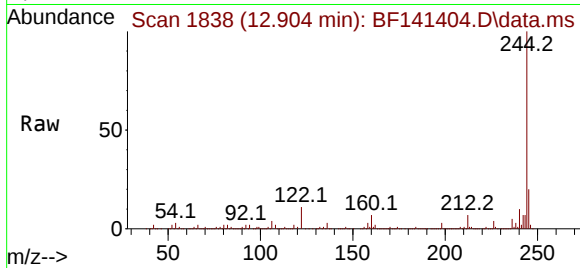




#79
 Terphenyl-d14
 Concen: 93.266 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141404.D
 Acq: 04 Feb 2025 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB166360BL

Tgt Ion:244 Resp: 1599284
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2264
 Delta R.T. -0.030 min
 Lab File: BF141404.D
 Acq: 04 Feb 2025 13:21

Tgt Ion:264 Resp: 208461
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 27.8
 265 21.2 16.7 25.1

