

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141399.D
 Acq On : 04 Feb 2025 11:08
 Operator : RC/JU
 Sample : PB166483BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166483BL

Quant Time: Feb 04 11:34:58 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)

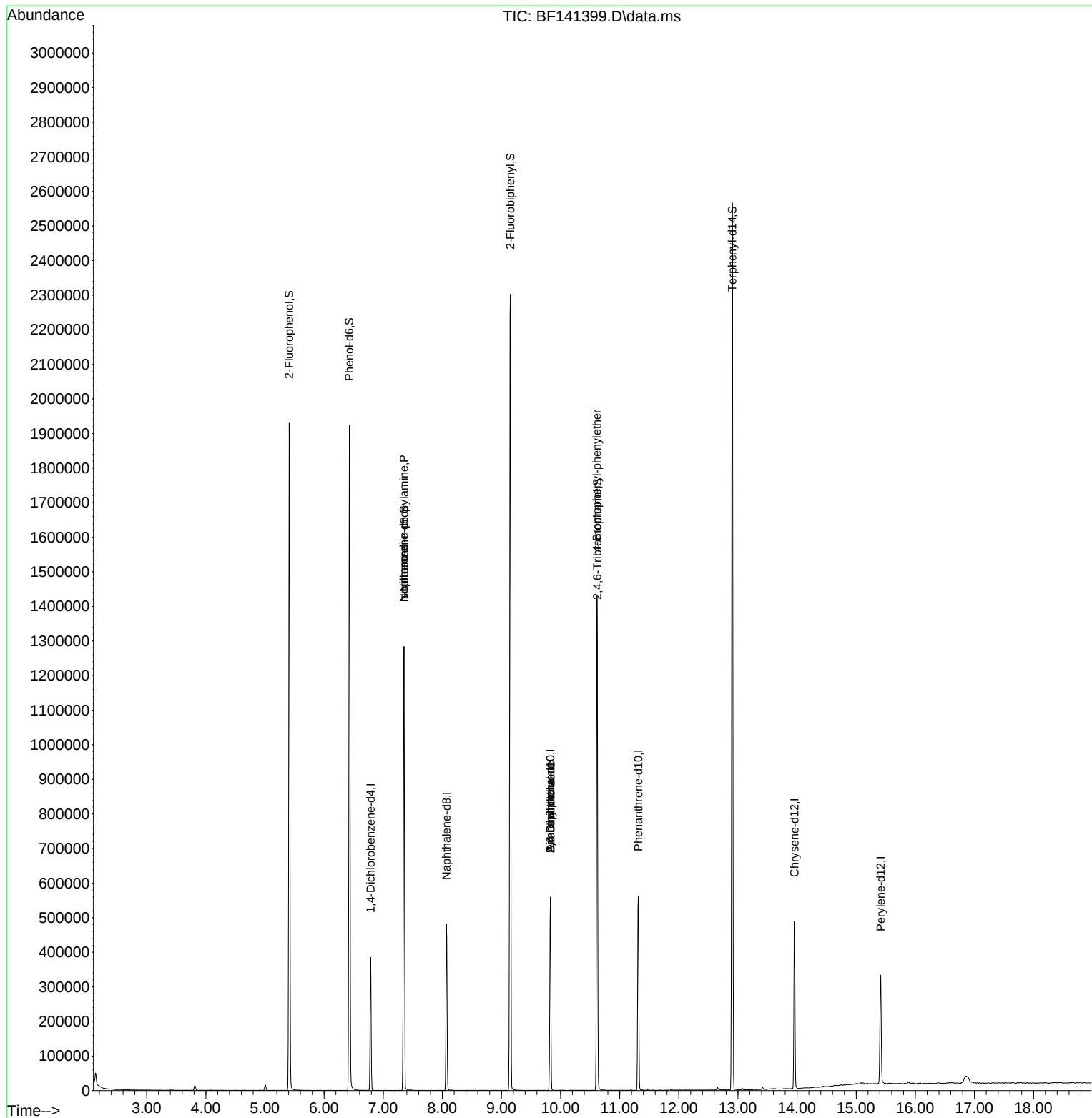
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	74401	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	304159	20.000	ng	-0.02
39) Acenaphthene-d10	9.827	164	164089	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	292057	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	229065	20.000	ng	-0.02
86) Perylene-d12	15.415	264	190566	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	688921	142.153	ng	0.00
7) Phenol-d6	6.428	99	837310	135.813	ng	-0.01
23) Nitrobenzene-d5	7.351	82	556211	96.402	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	224937	149.528	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1046515	98.165	ng	-0.01
79) Terphenyl-d14	12.904	244	1271366	85.595	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	75527	20.617	ng	# 76
25) Isophorone	7.351	82	552552	55.402	ng	# 64
50) Dimethylphthalate	9.827	163	25010	2.257	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	21846	8.490	ng	# 24
57) 2,4-Dinitrotoluene	9.827	165	21846	6.557	ng	# 23
67) 4-Bromophenyl-phenylether	10.616	248	15519	4.746	ng	# 1

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

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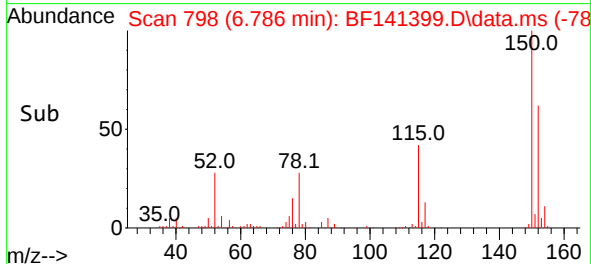
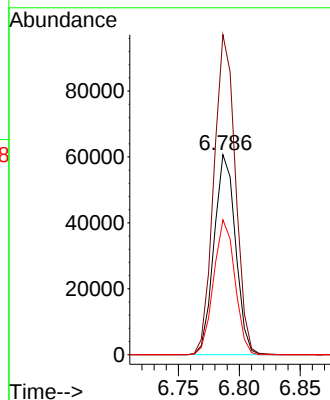
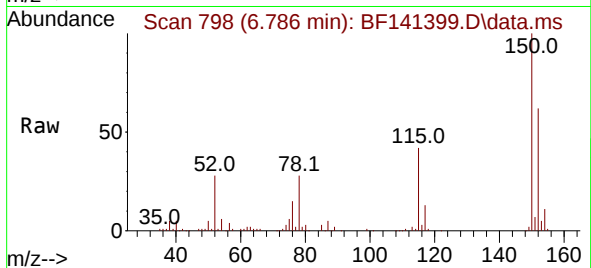




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.018 min
 Lab File: BF141399.D
 Acq: 04 Feb 2025 11:08

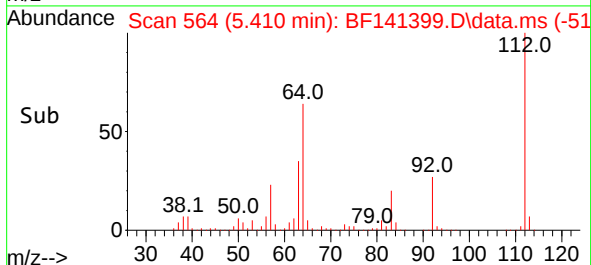
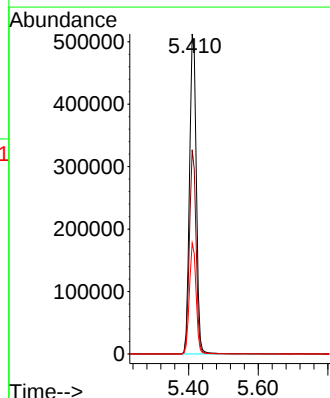
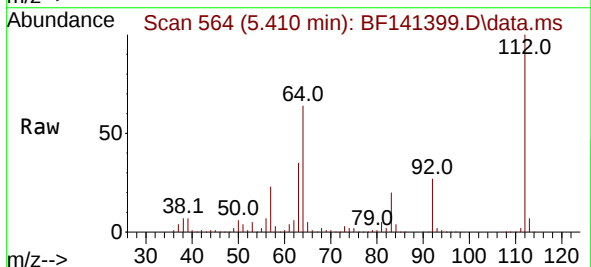
Instrument :
 BNA_F
 ClientSampleId :
 PB166483BL

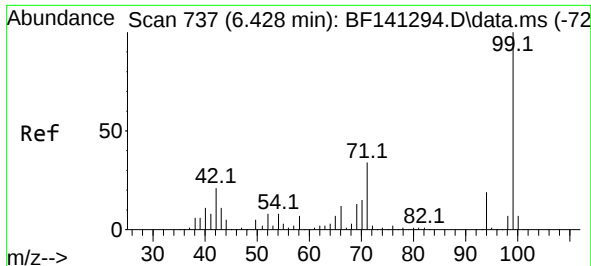
Tgt Ion:152 Resp: 74401
 Ion Ratio Lower Upper
 152 100
 150 160.0 125.9 188.9
 115 67.4 49.7 74.5



#5
 2-Fluorophenol
 Concen: 142.153 ng
 RT: 5.410 min Scan# 564
 Delta R.T. -0.000 min
 Lab File: BF141399.D
 Acq: 04 Feb 2025 11:08

Tgt Ion:112 Resp: 688921
 Ion Ratio Lower Upper
 112 100
 64 63.8 49.8 74.8
 63 34.7 26.1 39.1

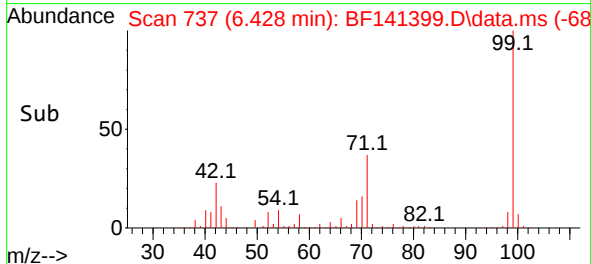
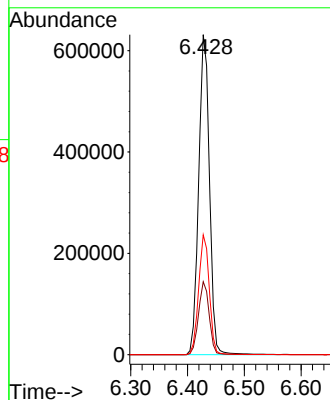
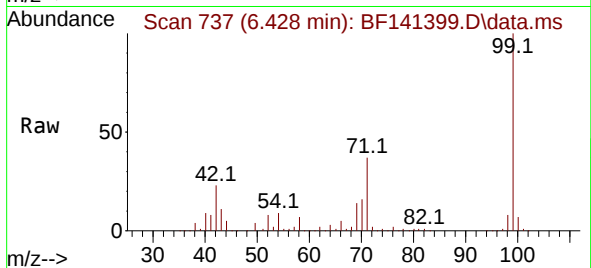




#7
Phenol-d6
Concen: 135.813 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141399.D
Acq: 04 Feb 2025 11:08

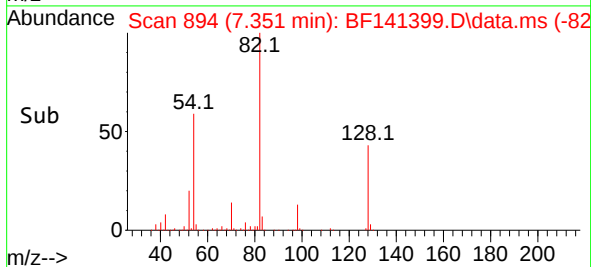
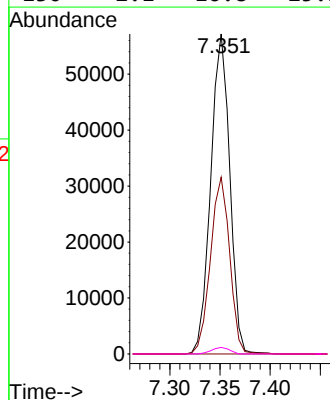
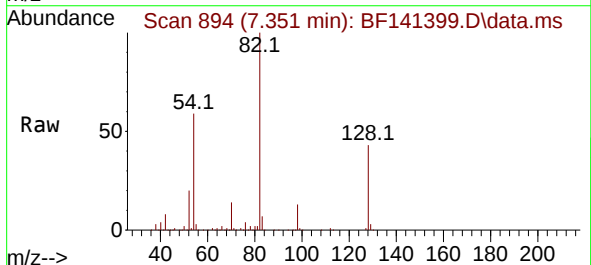
Instrument :
BNA_F
ClientSampleId :
PB166483BL

Tgt Ion: 99 Resp: 837310
Ion Ratio Lower Upper
99 100
42 22.8 17.1 25.7
71 37.5 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.617 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141399.D
Acq: 04 Feb 2025 11:08

Tgt Ion: 70 Resp: 75527
Ion Ratio Lower Upper
70 100
42 55.2 56.8 85.2#
101 0.0 7.7 11.5#
130 2.1 16.8 25.2#



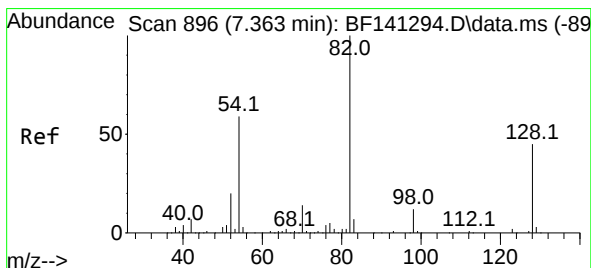
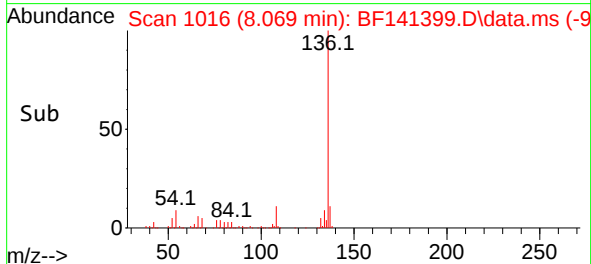
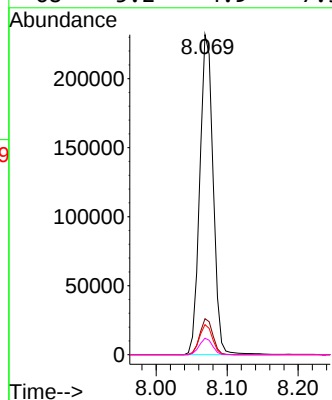
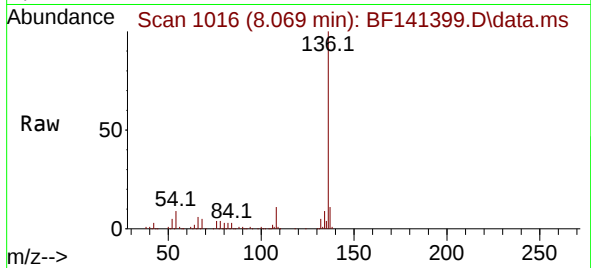


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141399.D
Acq: 04 Feb 2025 11:08

Instrument :
BNA_F
ClientSampleId :
PB166483BL

Tgt Ion:136 Resp: 304159

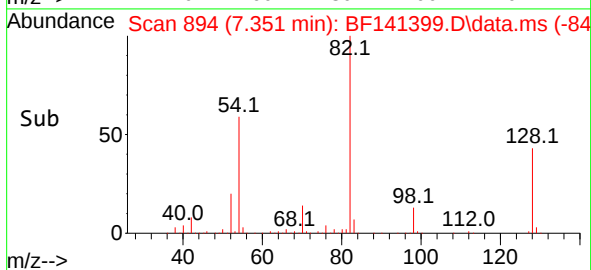
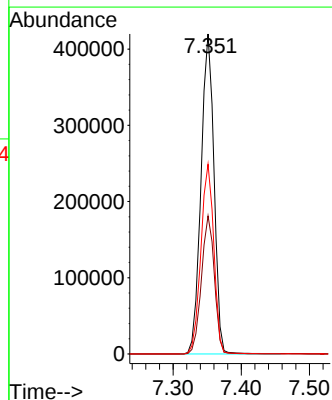
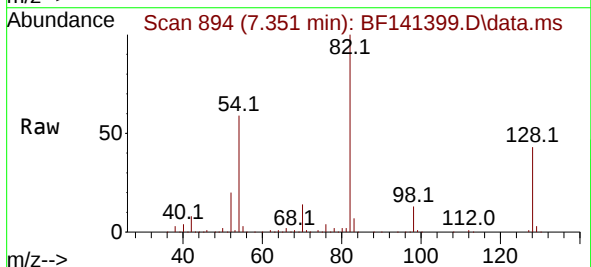
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	9.4	7.8	11.8
68	5.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 96.402 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141399.D
Acq: 04 Feb 2025 11:08

Tgt Ion: 82 Resp: 556211

Ion	Ratio	Lower	Upper
82	100		
128	43.2	35.7	53.5
54	59.3	47.1	70.7

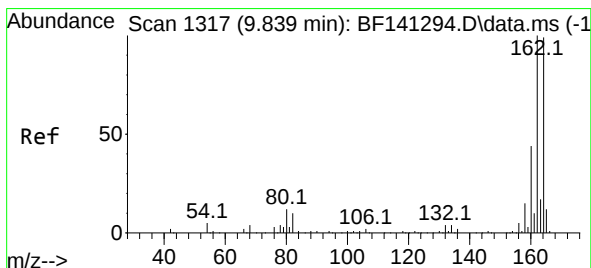
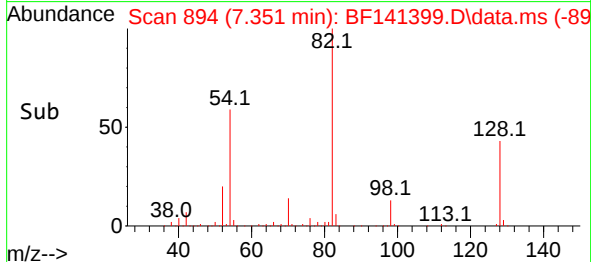
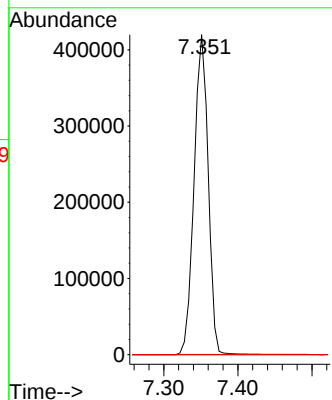
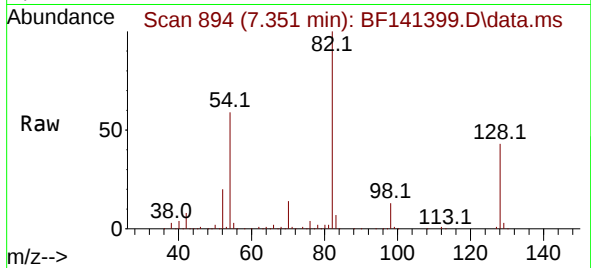




#25
Isophorone
Concen: 55.402 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF141399.D
Acq: 04 Feb 2025 11:08

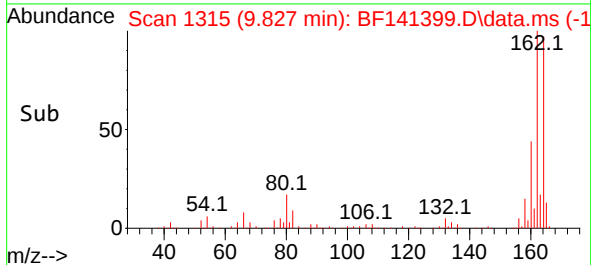
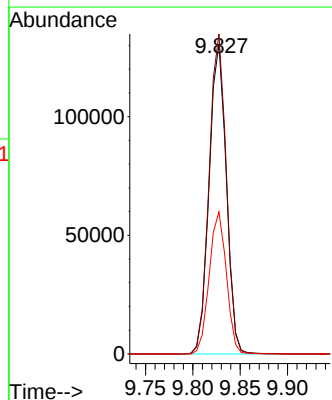
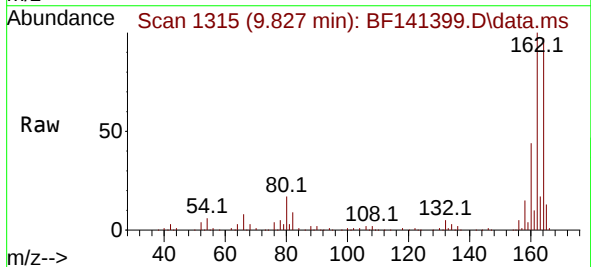
Instrument :
BNA_F
ClientSampleId :
PB166483BL

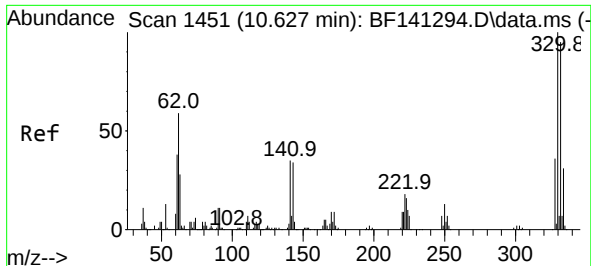
Tgt Ion: 82 Resp: 552552
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141399.D
Acq: 04 Feb 2025 11:08

Tgt Ion:164 Resp: 164089
Ion Ratio Lower Upper
164 100
162 103.2 80.6 121.0
160 45.8 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 149.528 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF141399.D

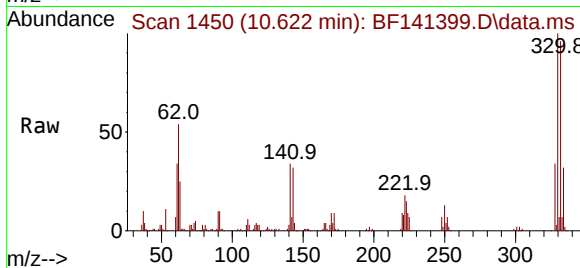
Acq: 04 Feb 2025 11:08

Instrument :

BNA_F

ClientSampleId :

PB166483BL



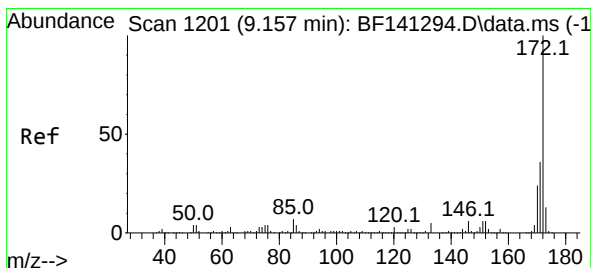
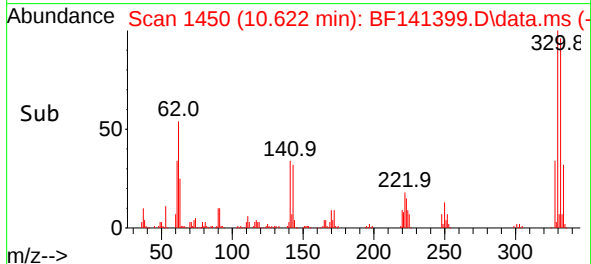
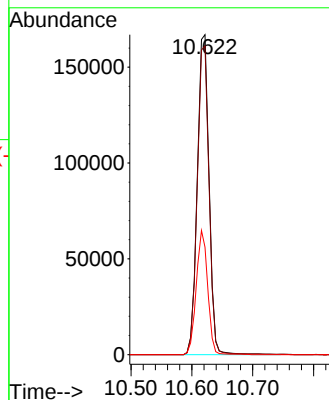
Tgt Ion:330 Resp: 224937

Ion Ratio Lower Upper

330 100

332 96.0 76.1 114.1

141 37.6 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 98.165 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF141399.D

Acq: 04 Feb 2025 11:08

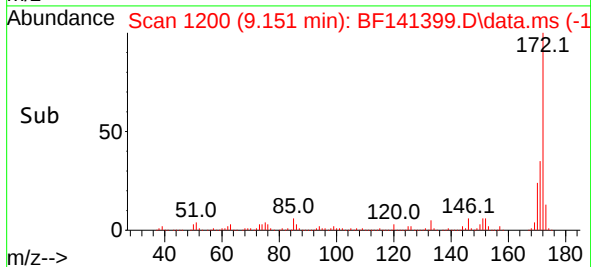
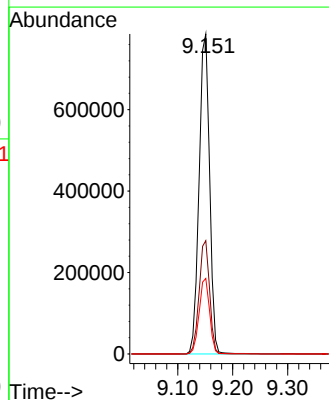
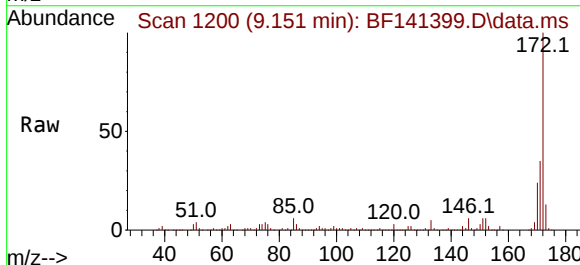
Tgt Ion:172 Resp: 1046515

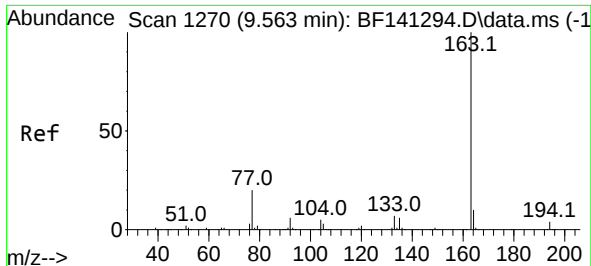
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.6 19.0 28.6

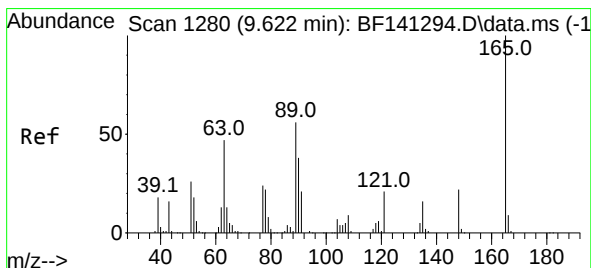
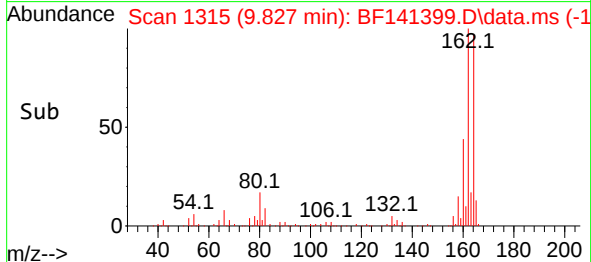
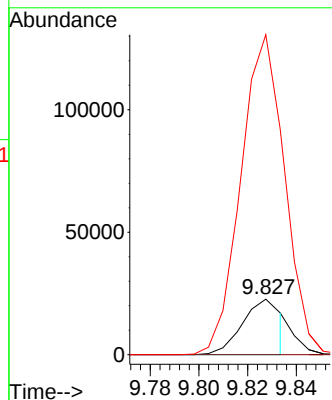
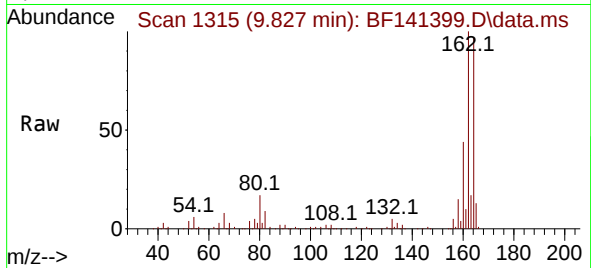




#50
Dimethylphthalate
Concen: 2.257 ng
RT: 9.827 min Scan# 1315
Delta R.T. 0.259 min
Lab File: BF141399.D
Acq: 04 Feb 2025 11:08

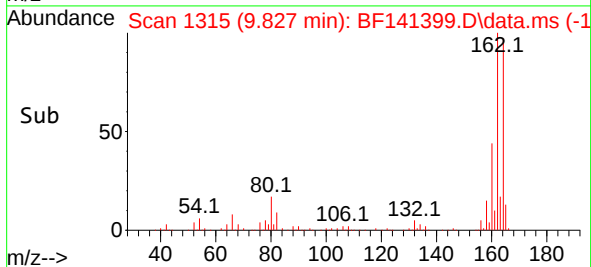
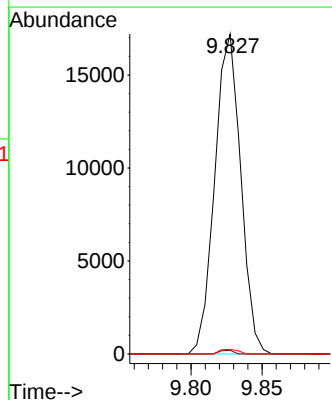
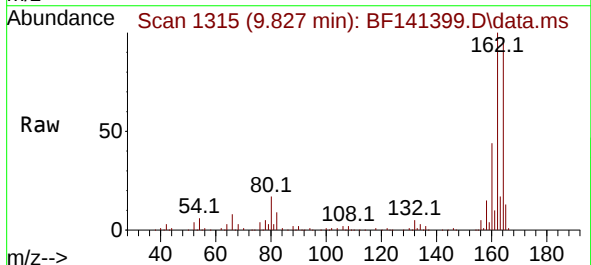
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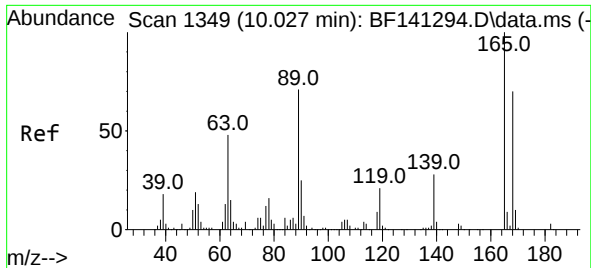
Tgt Ion:163 Resp: 25010
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 576.8 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.490 ng
RT: 9.827 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF141399.D
Acq: 04 Feb 2025 11:08

Tgt Ion:165 Resp: 21846
Ion Ratio Lower Upper
165 100
63 1.1 48.1 72.1#
89 1.4 44.9 67.3#

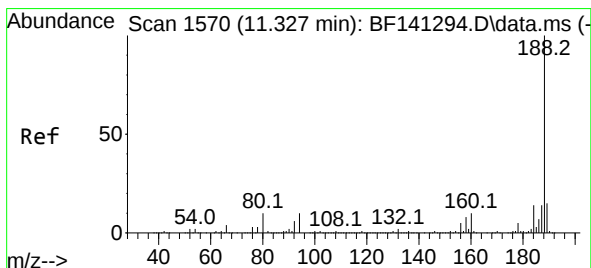
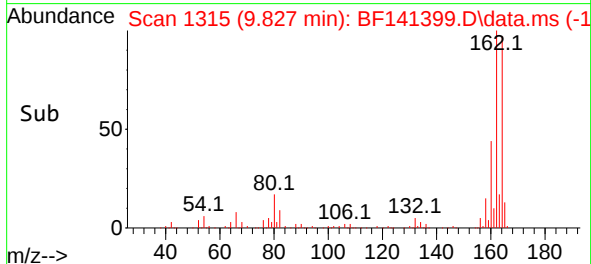
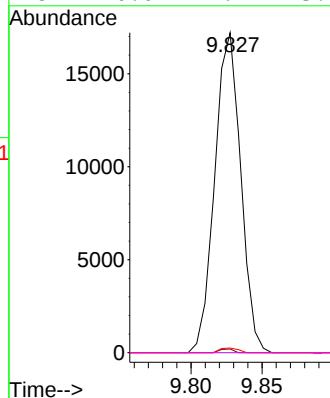
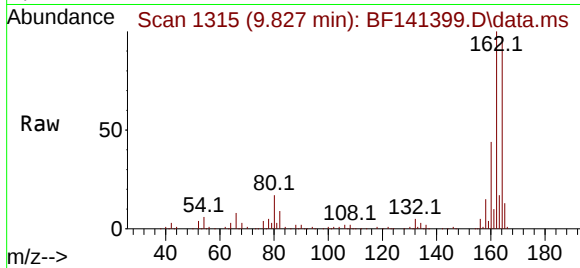




#57
2,4-Dinitrotoluene
Concen: 6.557 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141399.D
Acq: 04 Feb 2025 11:08

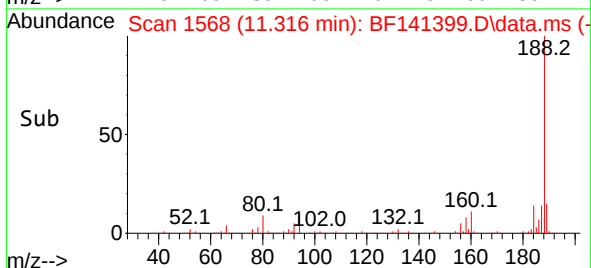
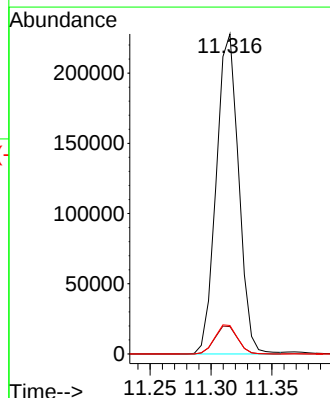
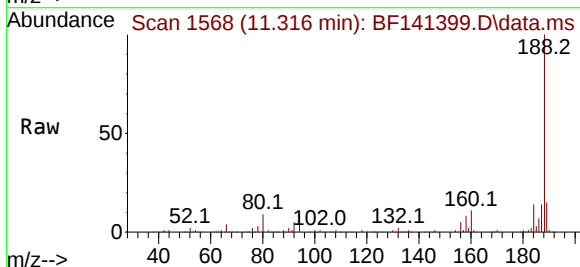
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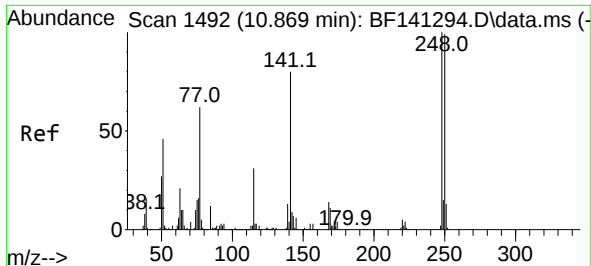
Tgt Ion:165 Resp: 21846
Ion Ratio Lower Upper
165 100
63 1.1 39.2 58.8#
89 1.4 56.9 85.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141399.D
Acq: 04 Feb 2025 11:08

Tgt Ion:188 Resp: 292057
Ion Ratio Lower Upper
188 100
94 8.5 7.8 11.6
80 8.9 8.2 12.4

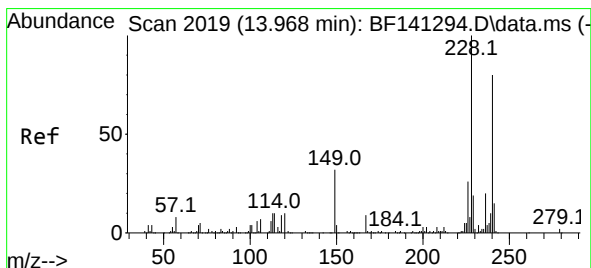
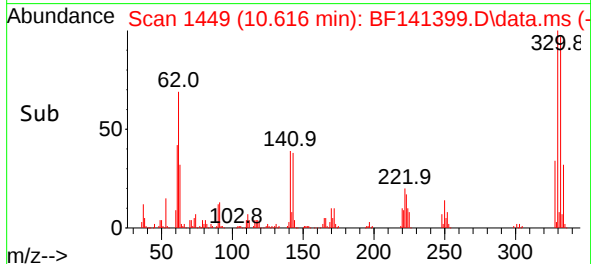
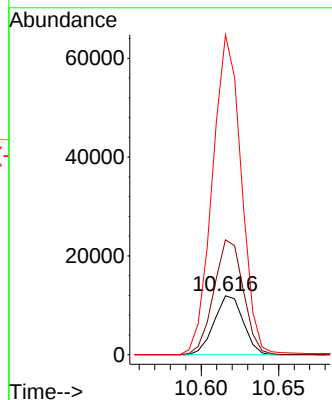
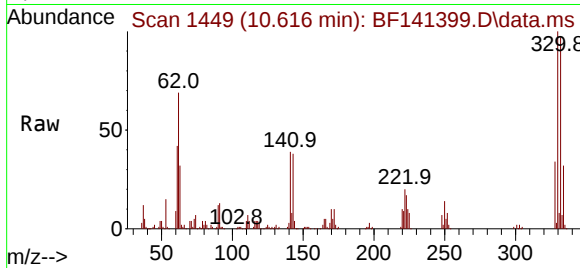




#67
4-Bromophenyl-phenylether
Concen: 4.746 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.259 min
Lab File: BF141399.D
Acq: 04 Feb 2025 11:08

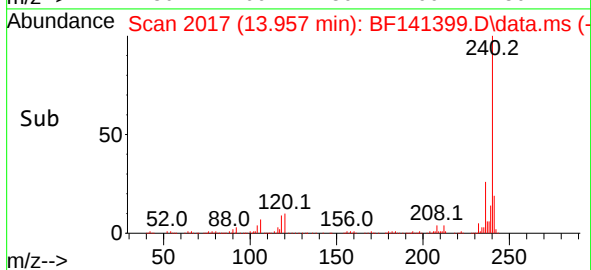
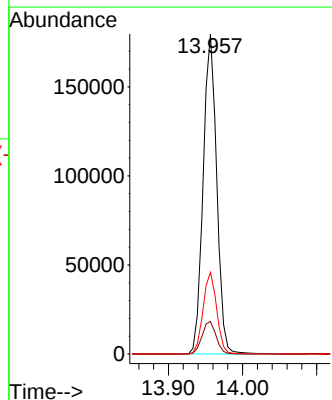
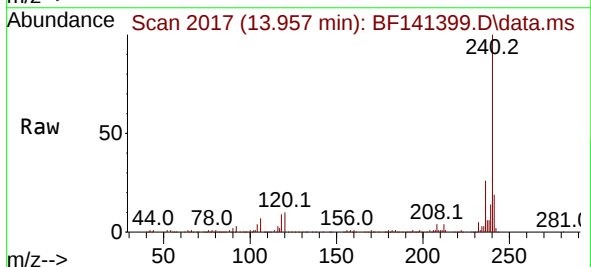
Instrument :
BNA_F
ClientSampleId :
PB166483BL

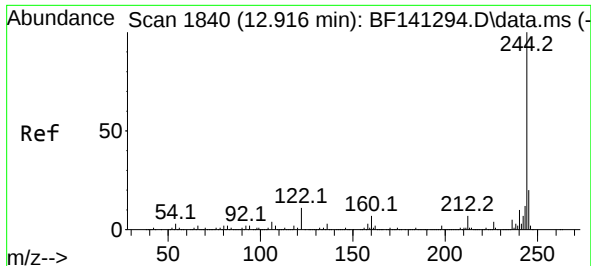
Tgt Ion:248 Resp: 15519
Ion Ratio Lower Upper
248 100
250 195.2 79.0 118.4#
141 543.3 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141399.D
Acq: 04 Feb 2025 11:08

Tgt Ion:240 Resp: 229065
Ion Ratio Lower Upper
240 100
120 10.1 10.0 15.0
236 25.5 19.7 29.5

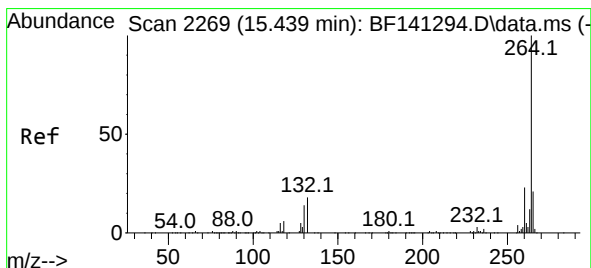
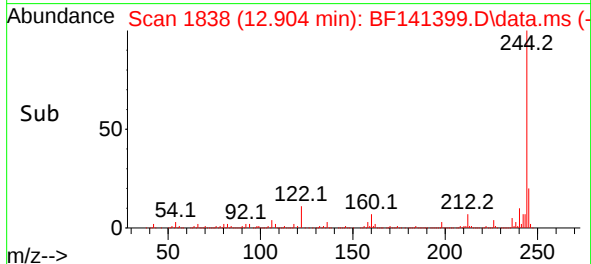
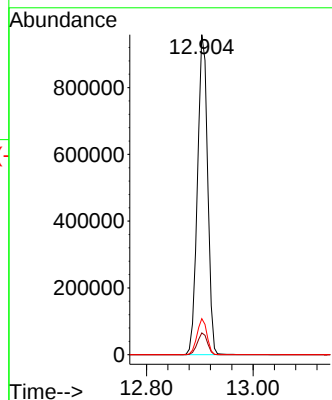
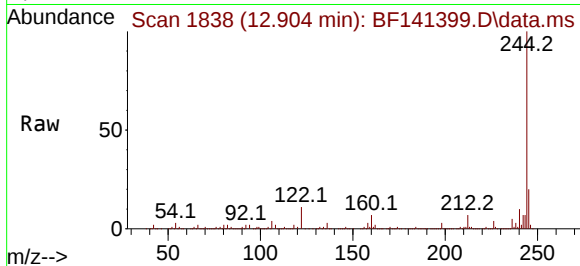




#79
 Terphenyl-d14
 Concen: 85.595 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141399.D
 Acq: 04 Feb 2025 11:08

Instrument :
 BNA_F
 ClientSampleId :
 PB166483BL

Tgt Ion:244 Resp: 1271366
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2265
 Delta R.T. -0.024 min
 Lab File: BF141399.D
 Acq: 04 Feb 2025 11:08

Tgt Ion:264 Resp: 190566
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 27.8
 265 21.3 16.7 25.1

