

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137012.D
 Acq On : 10 Jan 2024 10:55
 Operator : CG\JU
 Sample : PB158316BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158316BL

Quant Time: Jan 10 11:36:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

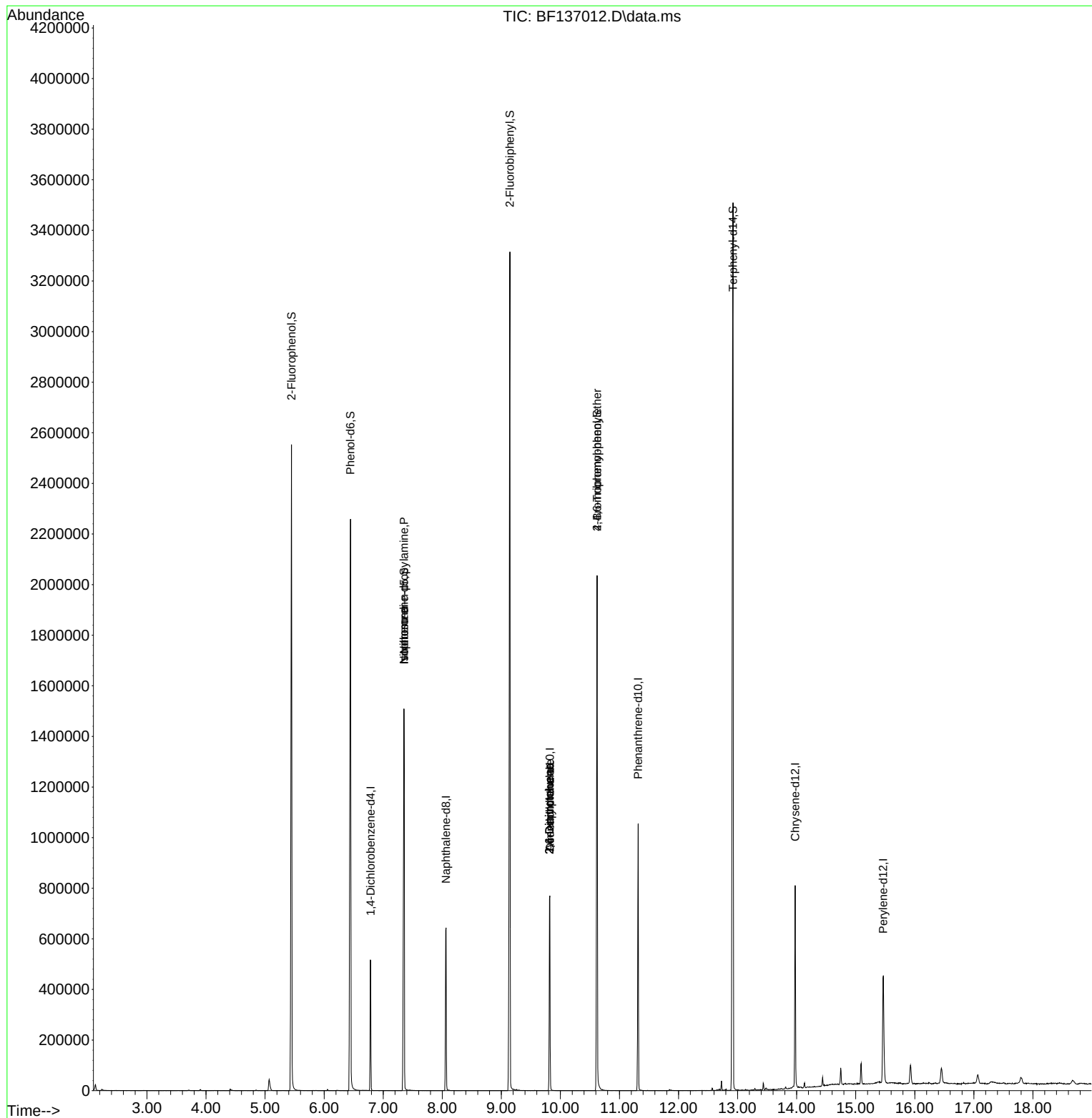
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	82946	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	325957	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	173077	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	365444	20.000	ng	0.00
76) Chrysene-d12	13.974	240	262418	20.000	ng	0.00
86) Perylene-d12	15.463	264	205397	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	764439	143.797	ng	0.02
7) Phenol-d6	6.445	99	960552	139.446	ng	0.00
23) Nitrobenzene-d5	7.351	82	603844	94.796	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	292067	143.285	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1189423	92.430	ng	0.00
79) Terphenyl-d14	12.922	244	1544472	82.249	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	78492	18.797	ng	# 73
25) Isophorone	7.351	82	598614	51.646	ng	# 65
50) Dimethylphthalate	9.822	163	35405	2.801	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	22363	7.794	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	22363	6.004	ng	# 20
67) 4-Bromophenyl-phenylether	10.622	248	16137	3.976	ng	# 1

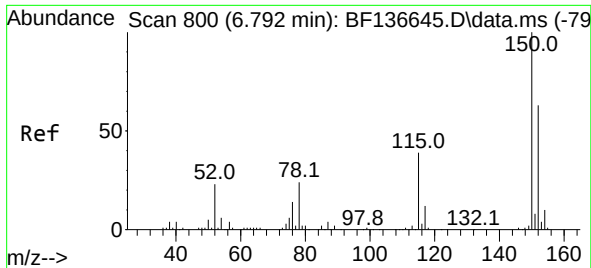
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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QLast Update : Thu Dec 21 01:54:25 2023
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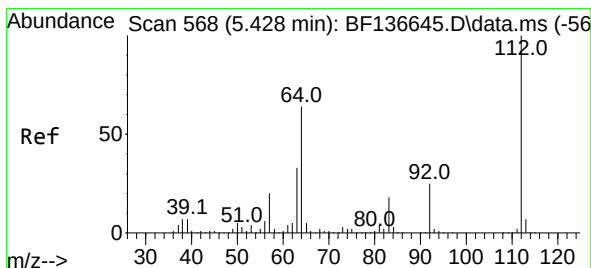
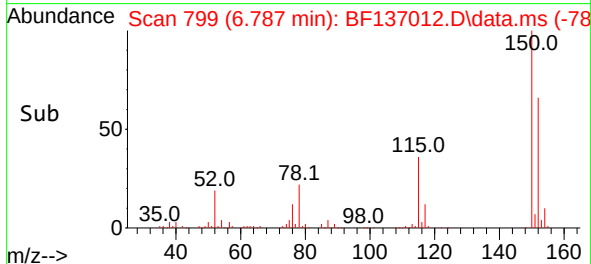
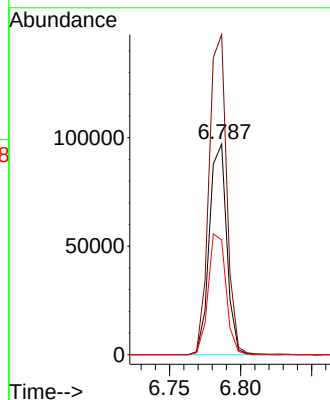
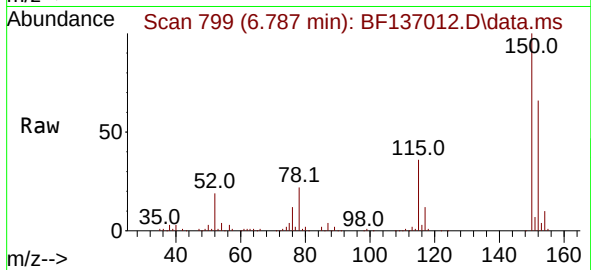




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137012.D
Acq: 10 Jan 2024 10:55

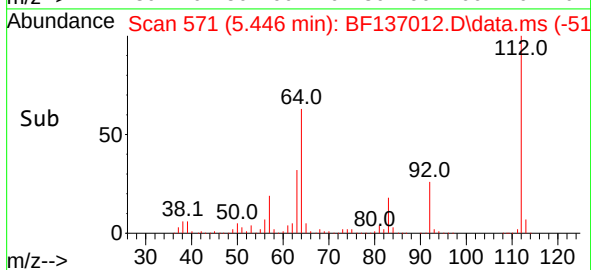
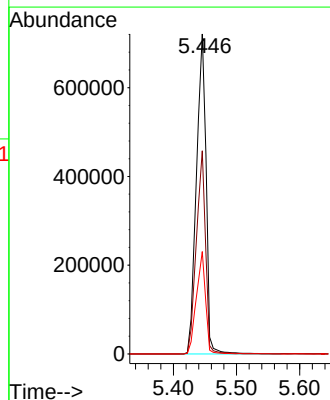
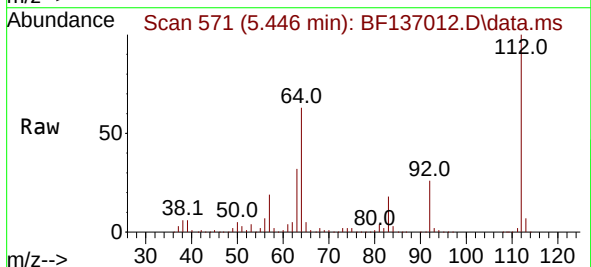
Instrument :
BNA_F
ClientSampleId :
PB158316BL

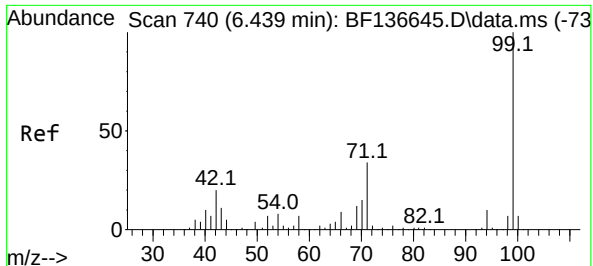
Tgt Ion:152 Resp: 82946
Ion Ratio Lower Upper
152 100
150 152.0 127.0 190.6
115 54.5 49.0 73.4



#5
2-Fluorophenol
Concen: 143.797 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF137012.D
Acq: 10 Jan 2024 10:55

Tgt Ion:112 Resp: 764439
Ion Ratio Lower Upper
112 100
64 63.5 51.1 76.7
63 32.0 26.1 39.1

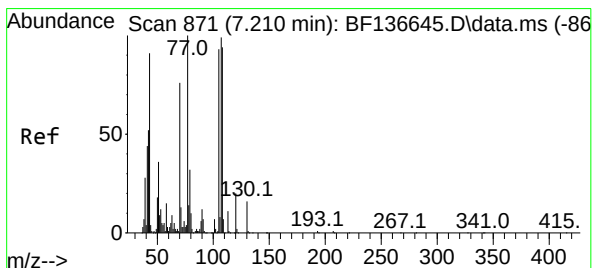
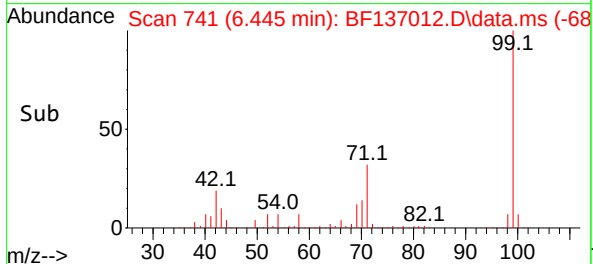
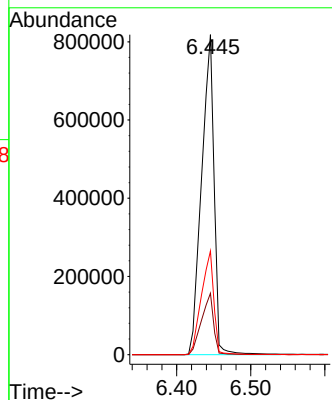
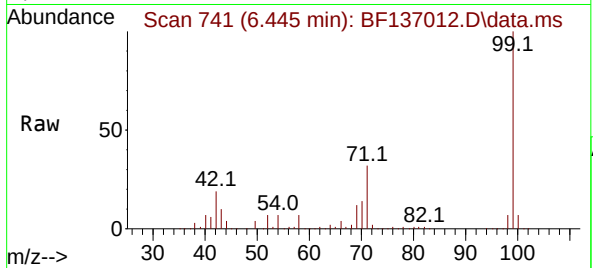




#7
Phenol-d6
Concen: 139.446 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137012.D
Acq: 10 Jan 2024 10:55

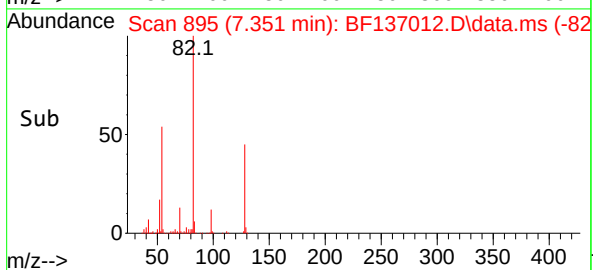
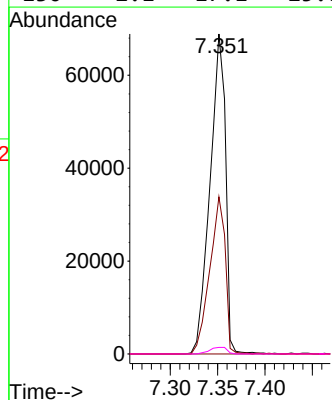
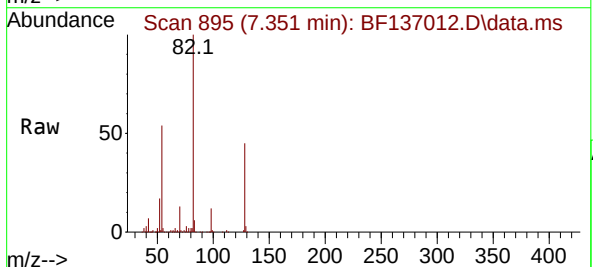
Instrument :
BNA_F
ClientSampleId :
PB158316BL

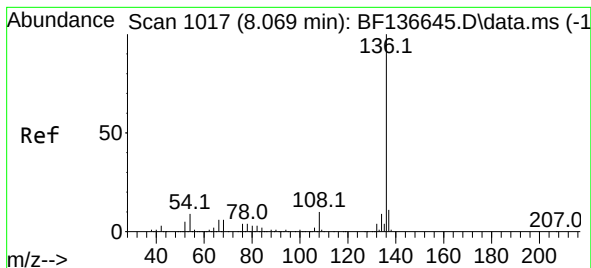
Tgt Ion: 99 Resp: 960552
Ion Ratio Lower Upper
99 100
42 19.2 16.1 24.1
71 32.4 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.797 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137012.D
Acq: 10 Jan 2024 10:55

Tgt Ion: 70 Resp: 78492
Ion Ratio Lower Upper
70 100
42 49.1 54.2 81.4#
101 0.0 7.6 11.4#
130 2.1 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF137012.D

Acq: 10 Jan 2024 10:55

Instrument :

BNA_F

ClientSampleId :

PB158316BL

Tgt Ion:136 Resp: 325957

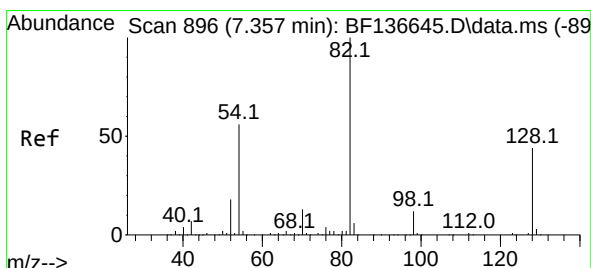
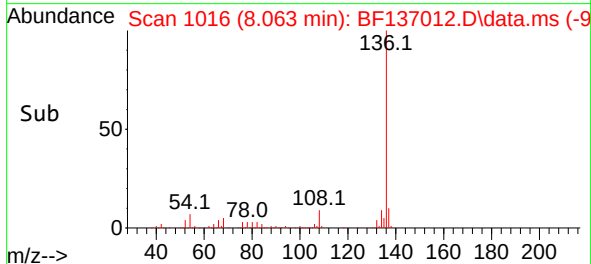
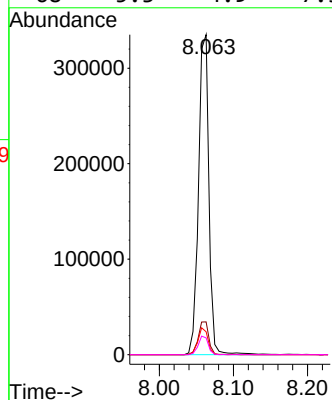
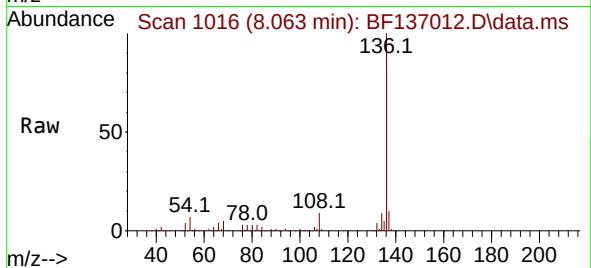
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 7.2 7.2 10.8#

68 5.3 4.9 7.3



#23

Nitrobenzene-d5

Concen: 94.796 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137012.D

Acq: 10 Jan 2024 10:55

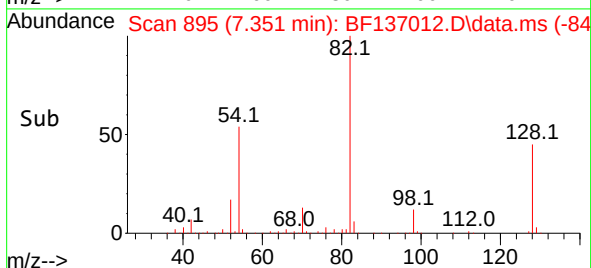
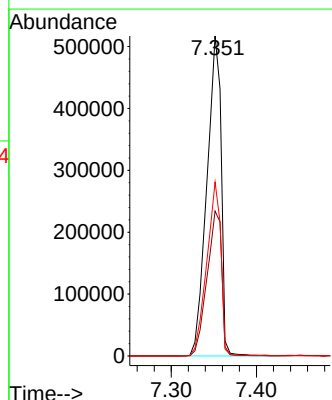
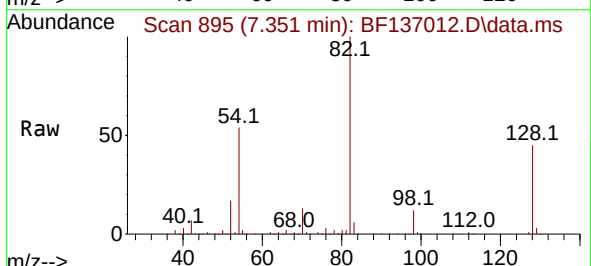
Tgt Ion: 82 Resp: 603844

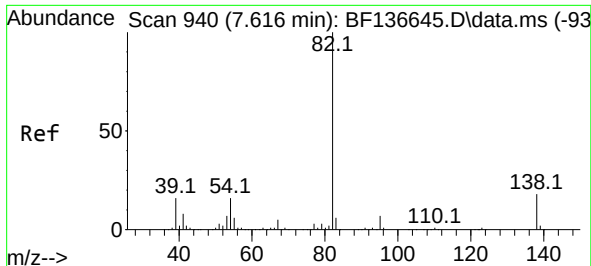
Ion Ratio Lower Upper

82 100

128 45.3 35.3 52.9

54 54.3 44.5 66.7

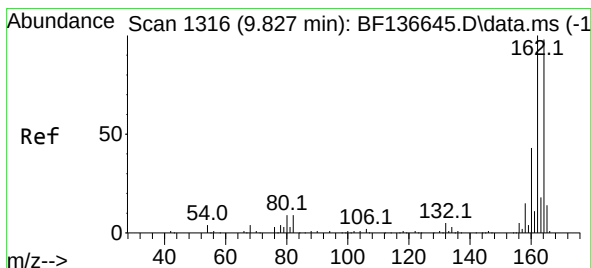
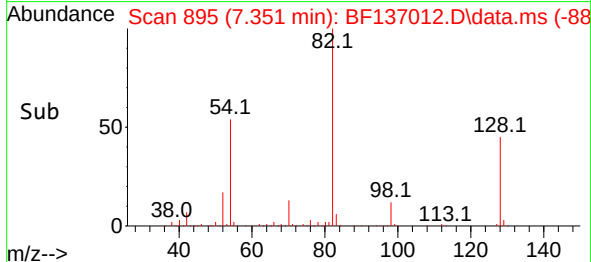
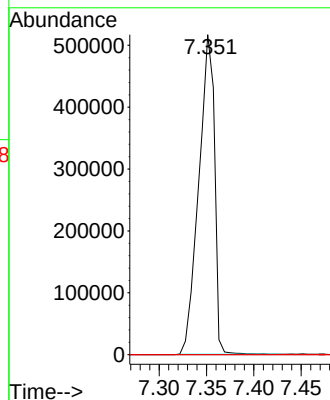
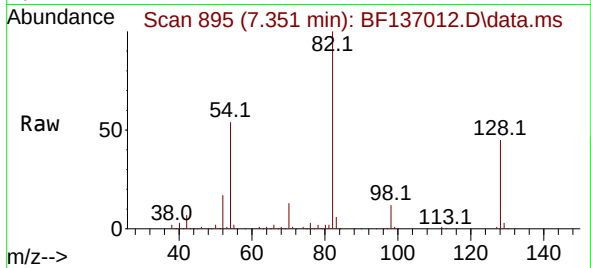




#25
Isophorone
Concen: 51.646 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.264 min
Lab File: BF137012.D
Acq: 10 Jan 2024 10:55

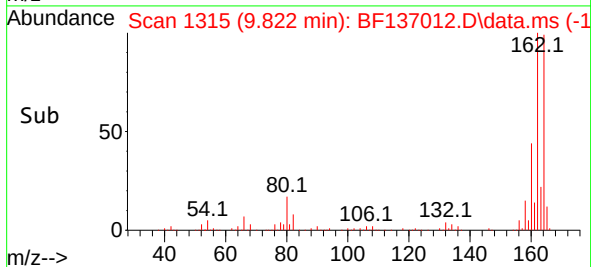
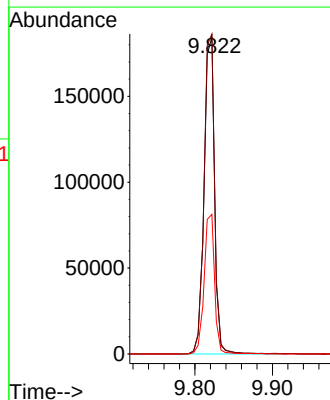
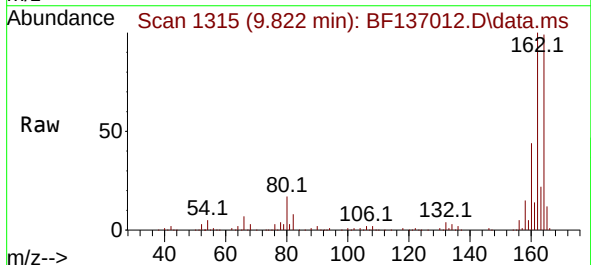
Instrument :
BNA_F
ClientSampleId :
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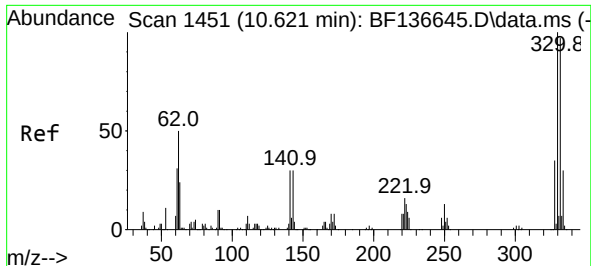
Tgt Ion: 82 Resp: 598614
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF137012.D
Acq: 10 Jan 2024 10:55

Tgt Ion: 164 Resp: 173077
Ion Ratio Lower Upper
164 100
162 101.0 81.6 122.4
160 44.0 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 143.285 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF137012.D

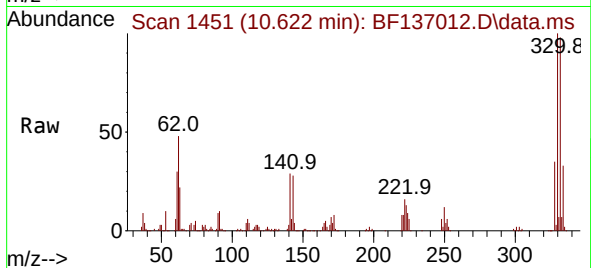
Acq: 10 Jan 2024 10:55

Instrument :

BNA_F

ClientSampleId :

PB158316BL



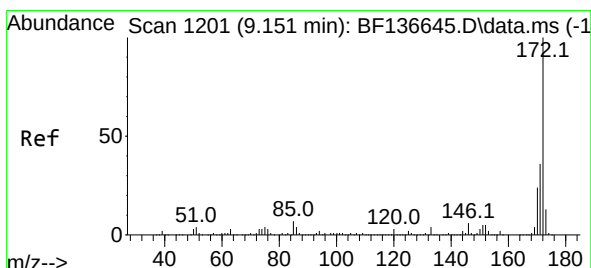
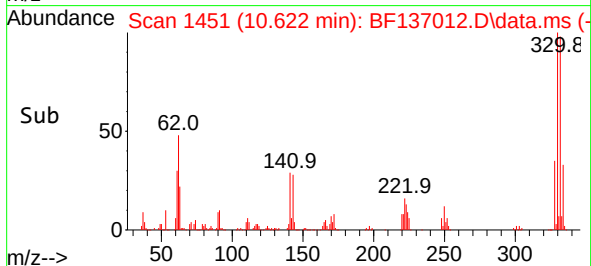
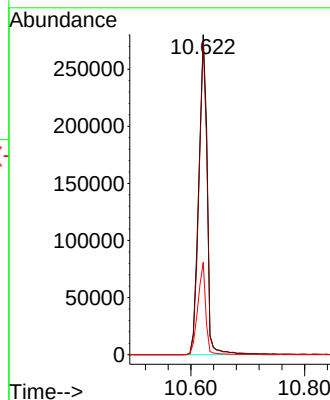
Tgt Ion:330 Resp: 292067

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.0

141 26.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 92.430 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137012.D

Acq: 10 Jan 2024 10:55

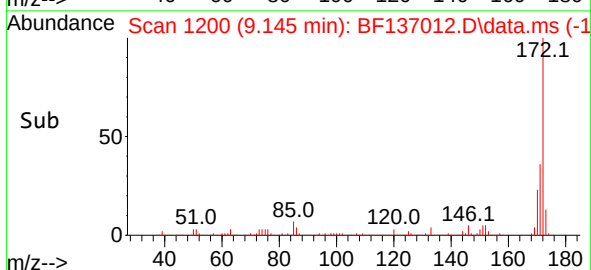
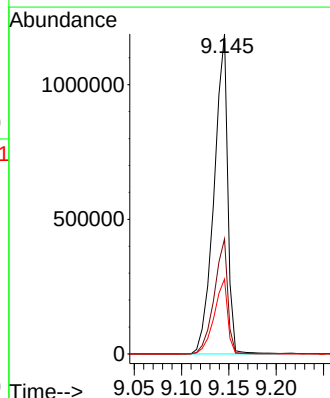
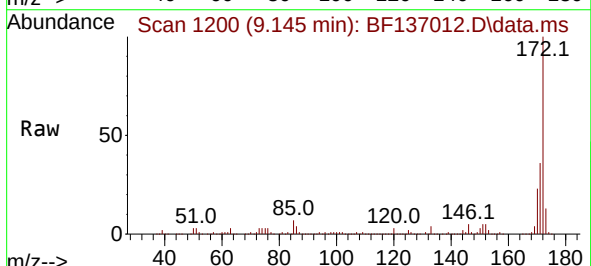
Tgt Ion:172 Resp: 1189423

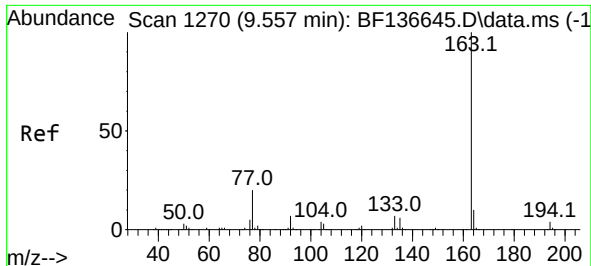
Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 23.4 19.0 28.4

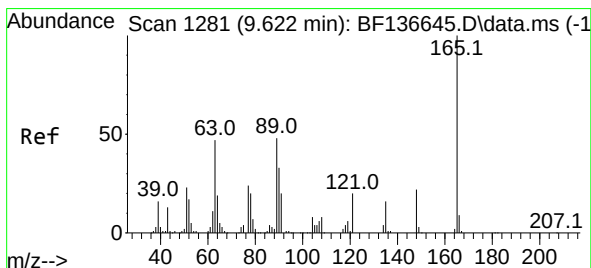
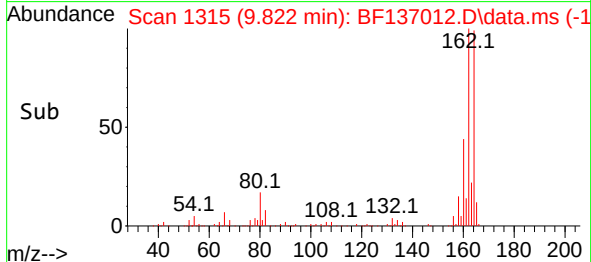
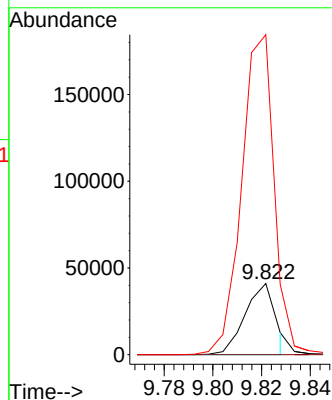
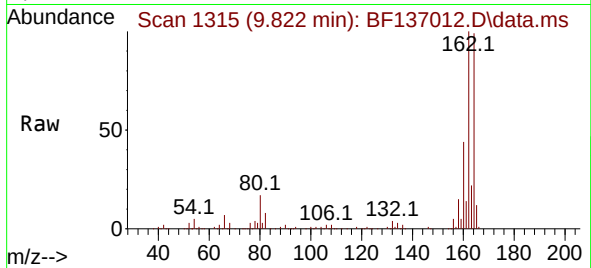




#50
Dimethylphthalate
Concen: 2.801 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137012.D
Acq: 10 Jan 2024 10:55

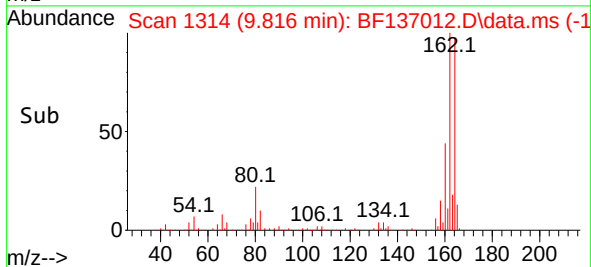
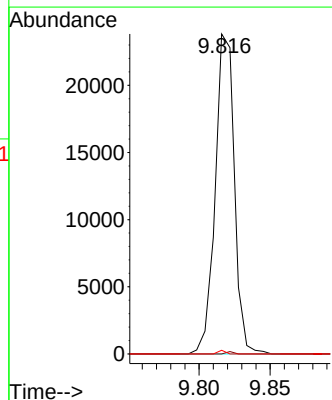
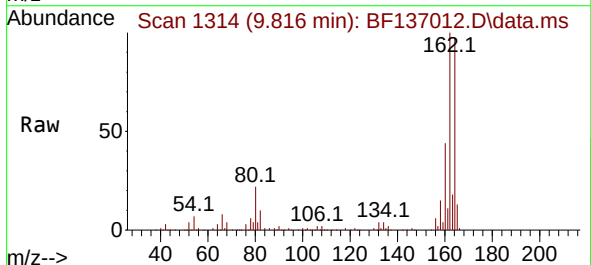
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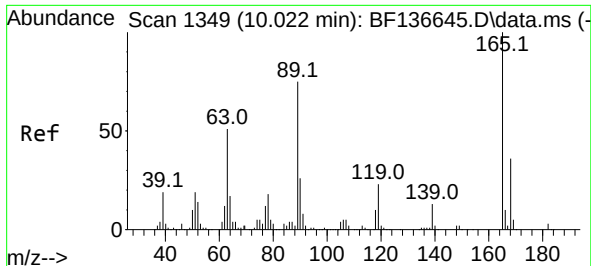
Tgt Ion:163 Resp: 35405
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 449.6 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.794 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137012.D
Acq: 10 Jan 2024 10:55

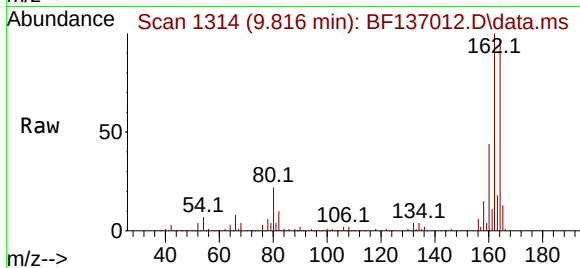
Tgt Ion:165 Resp: 22363
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 1.2 38.8 58.2#



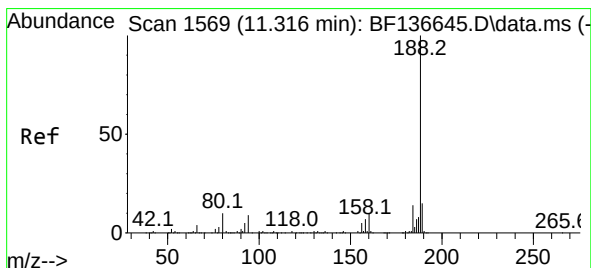
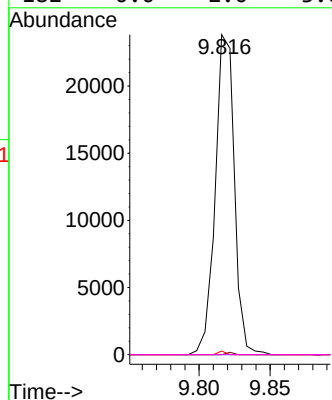
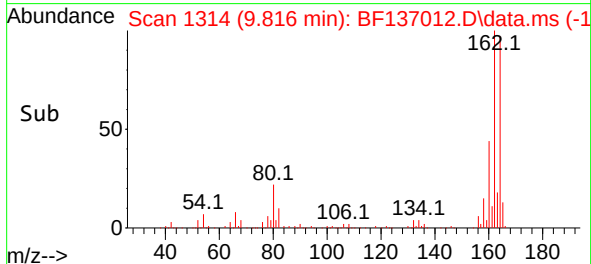


#57
2,4-Dinitrotoluene
Concen: 6.004 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137012.D
Acq: 10 Jan 2024 10:55

Instrument :
BNA_F
ClientSampleId :
PB158316BL

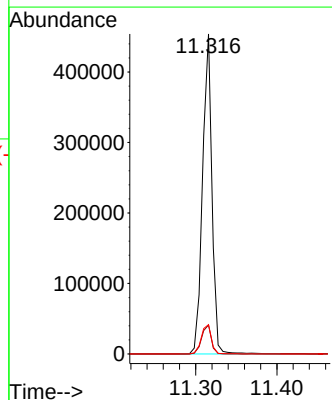
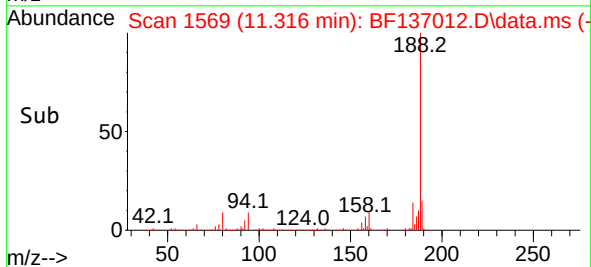
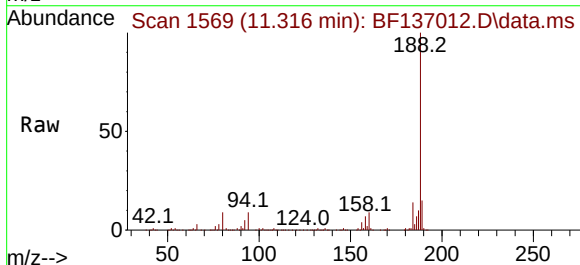


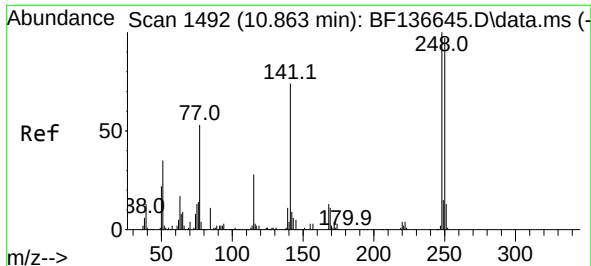
Tgt Ion:165 Resp: 22363
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 1.2 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF137012.D
Acq: 10 Jan 2024 10:55

Tgt Ion:188 Resp: 365444
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.2 8.1 12.1

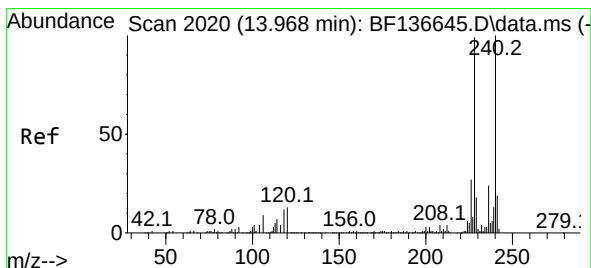
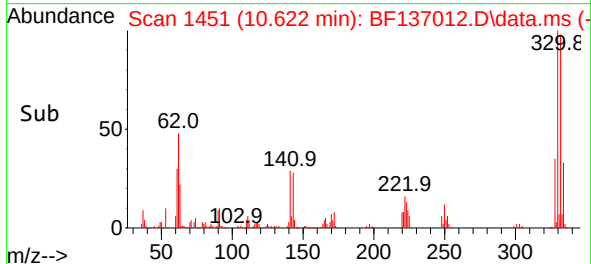
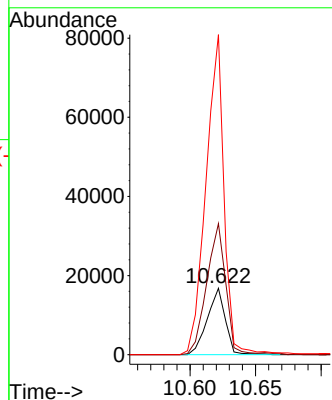
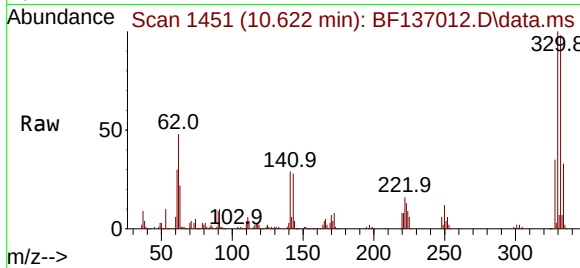




#67
4-Bromophenyl-phenylether
Concen: 3.976 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF137012.D
Acq: 10 Jan 2024 10:55

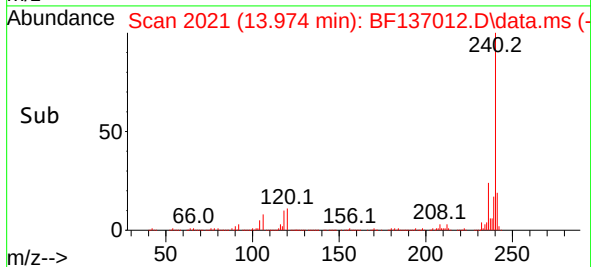
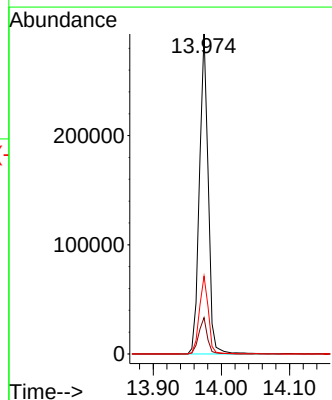
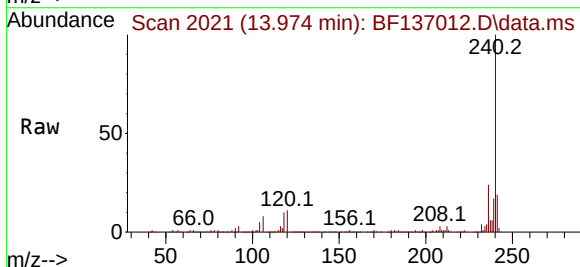
Instrument :
BNA_F
ClientSampleId :
PB158316BL

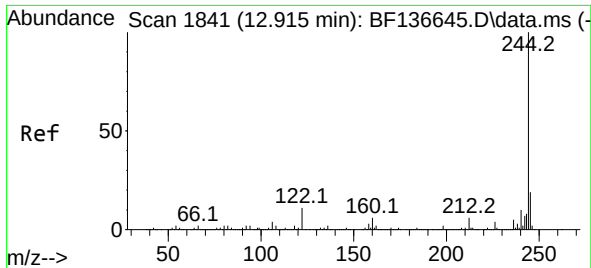
Tgt Ion:248 Resp: 16137
Ion Ratio Lower Upper
248 100
250 197.4 77.8 116.6#
141 482.1 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137012.D
Acq: 10 Jan 2024 10:55

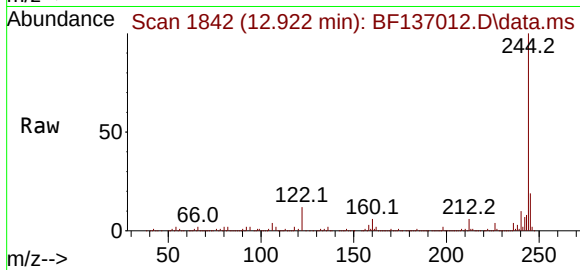
Tgt Ion:240 Resp: 262418
Ion Ratio Lower Upper
240 100
120 11.4 10.3 15.5
236 24.3 19.4 29.2



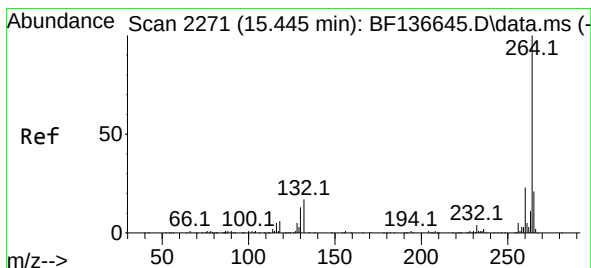
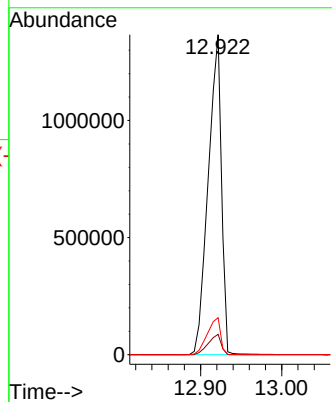
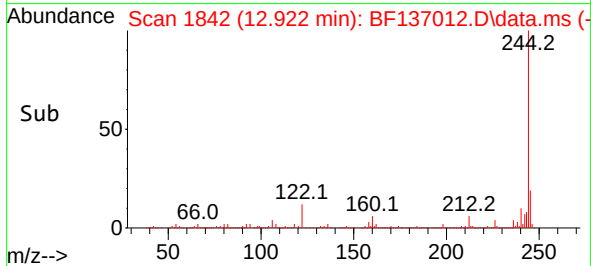


#79
Terphenyl-d14
Concen: 82.249 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BF137012.D
Acq: 10 Jan 2024 10:55

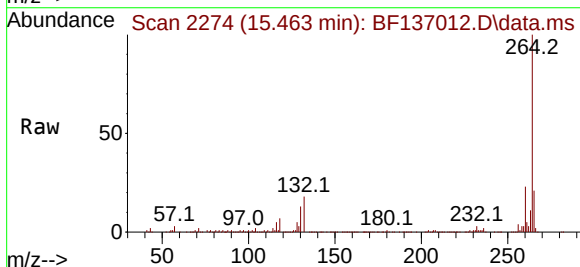
Instrument :
BNA_F
ClientSampleId :
PB158316BL



Tgt Ion:244 Resp: 1544472
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 11.6 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2274
Delta R.T. 0.018 min
Lab File: BF137012.D
Acq: 10 Jan 2024 10:55



Tgt Ion:264 Resp: 205397
Ion Ratio Lower Upper
264 100
260 22.6 18.3 27.5
265 21.2 17.0 25.6

