

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
 Data File : BF137001.D
 Acq On : 08 Jan 2024 18:26
 Operator : CG\JU
 Sample : PB158292BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158292BL

Quant Time: Jan 09 00:41:57 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)

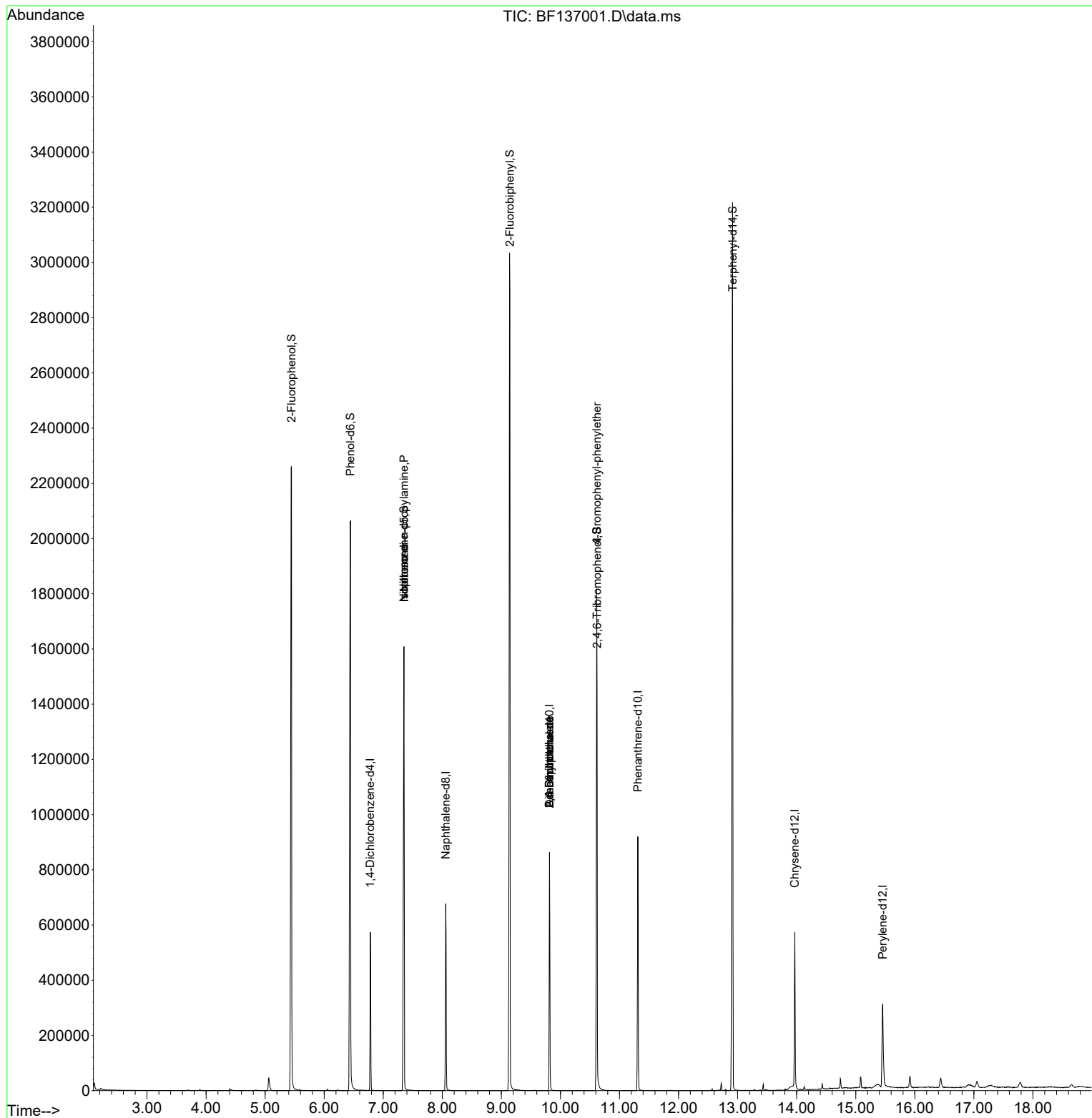
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	80217	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	318719	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	167037	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	334793	20.000	ng	0.00
76) Chrysene-d12	13.968	240	193545	20.000	ng	0.00
86) Perylene-d12	15.457	264	162808	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	758619	147.557	ng	0.02
7) Phenol-d6	6.445	99	957897	143.791	ng	0.00
23) Nitrobenzene-d5	7.351	82	589607	94.663	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	266537	135.488	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1181331	95.121	ng	0.00
79) Terphenyl-d14	12.916	244	1312290	94.752	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	76378	18.913	ng	# 75
25) Isophorone	7.351	82	589598	52.023	ng	# 65
50) Dimethylphthalate	9.816	163	32153	2.635	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	21671	7.826	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	21671	6.029	ng	# 20
67) 4-Bromophenyl-phenylether	10.616	248	16156	4.345	ng	# 1

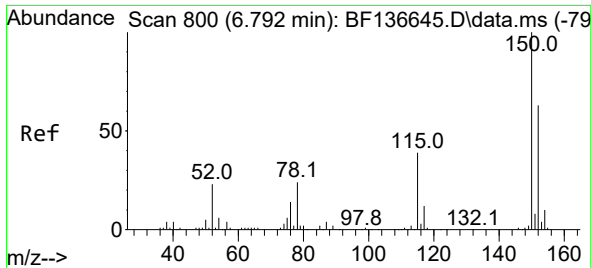
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
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Quant Time: Jan 09 00:41:57 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

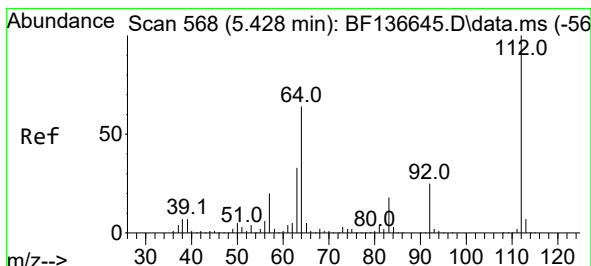
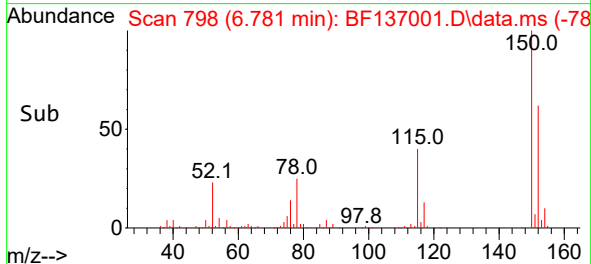
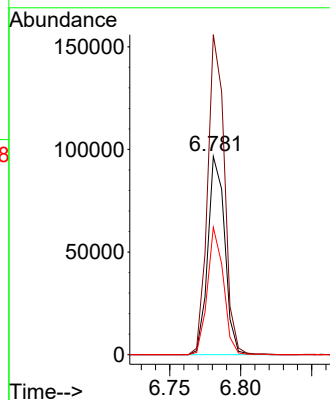
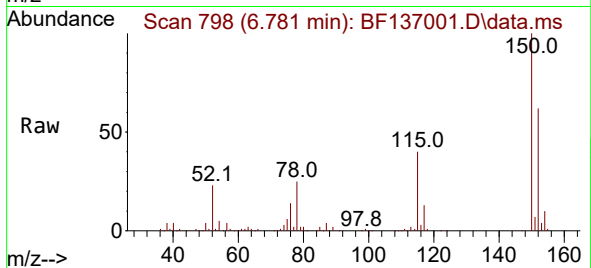




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137001.D
Acq: 08 Jan 2024 18:26

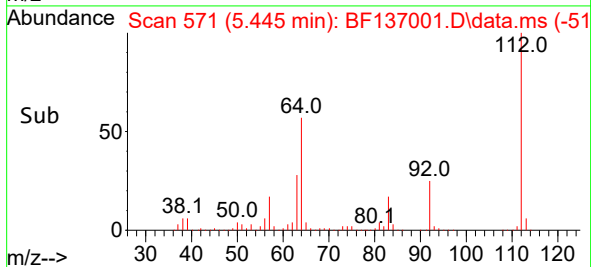
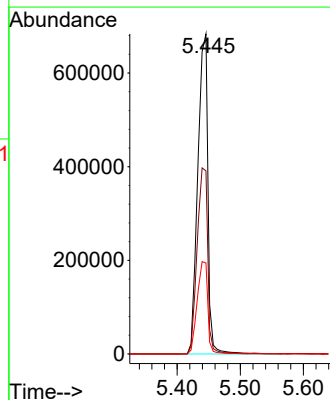
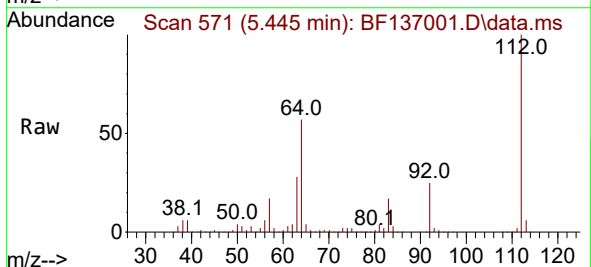
Instrument :
BNA_F
ClientSampleId :
PB158292BL

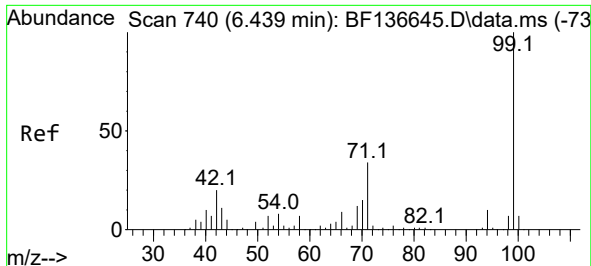
Tgt Ion:152 Resp: 80217
Ion Ratio Lower Upper
152 100
150 161.4 127.0 190.6
115 64.2 49.0 73.4



#5
2-Fluorophenol
Concen: 147.557 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF137001.D
Acq: 08 Jan 2024 18:26

Tgt Ion:112 Resp: 758619
Ion Ratio Lower Upper
112 100
64 57.2 51.1 76.7
63 28.5 26.1 39.1

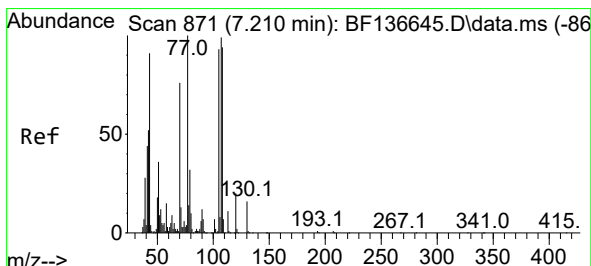
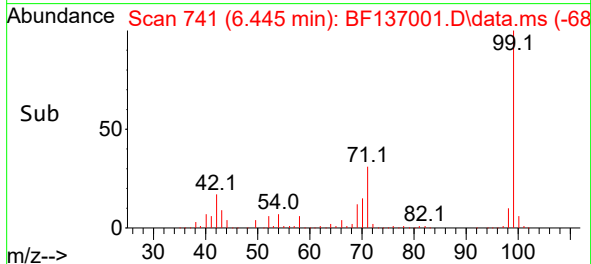
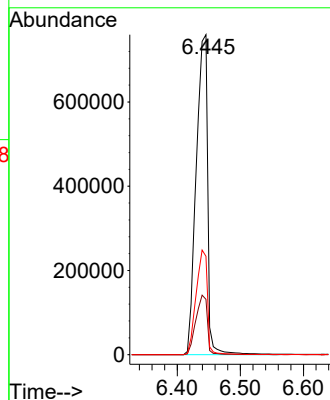
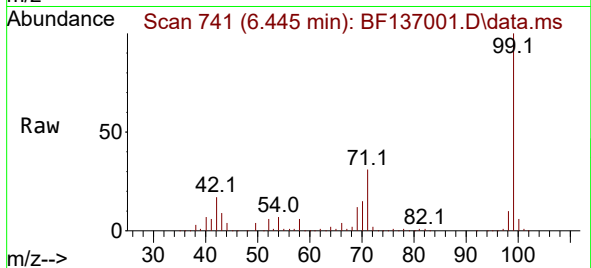




#7
Phenol-d6
Concen: 143.791 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137001.D
Acq: 08 Jan 2024 18:26

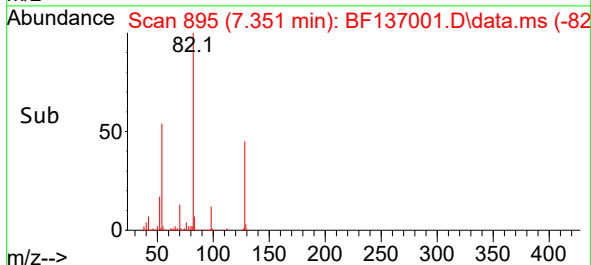
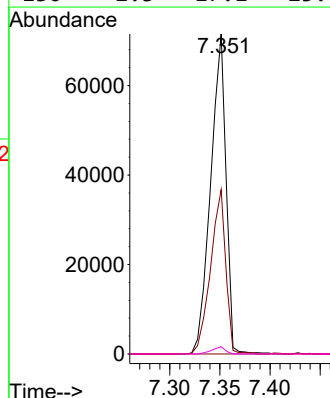
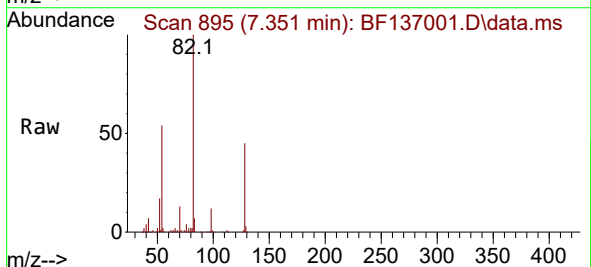
Instrument :
BNA_F
ClientSampleId :
PB158292BL

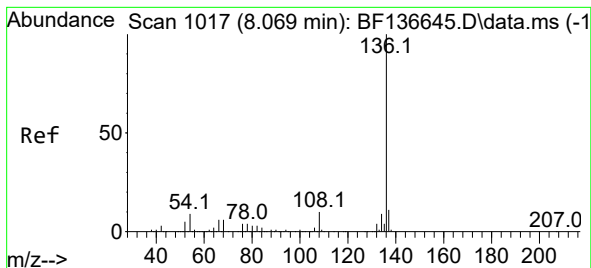
Tgt Ion: 99 Resp: 957897
Ion Ratio Lower Upper
99 100
42 17.3 16.1 24.1
71 30.7 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.913 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137001.D
Acq: 08 Jan 2024 18:26

Tgt Ion: 70 Resp: 76378
Ion Ratio Lower Upper
70 100
42 51.3 54.2 81.4#
101 0.0 7.6 11.4#
130 2.3 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF137001.D

Acq: 08 Jan 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB158292BL

Tgt Ion:136 Resp: 318719

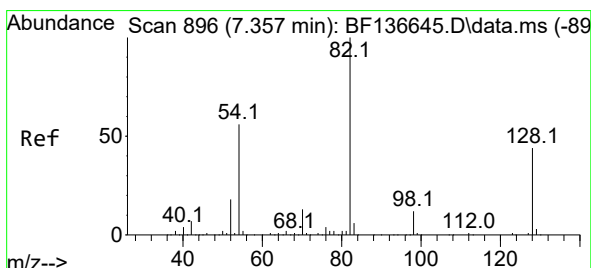
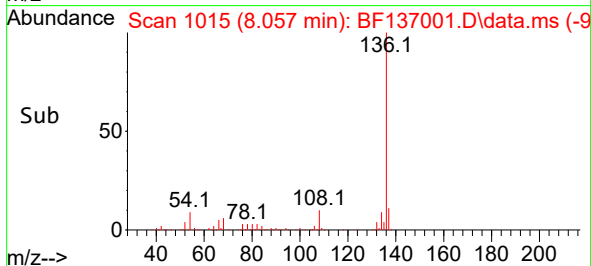
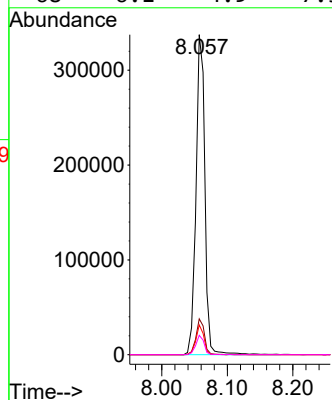
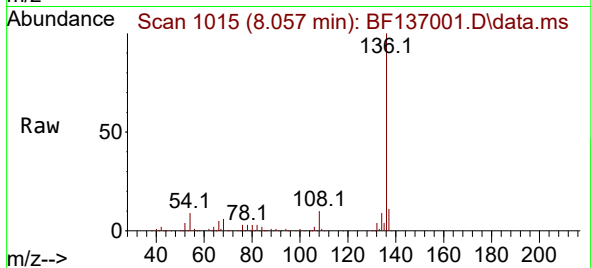
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 9.3 7.2 10.8

68 6.1 4.9 7.3



#23

Nitrobenzene-d5

Concen: 94.663 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137001.D

Acq: 08 Jan 2024 18:26

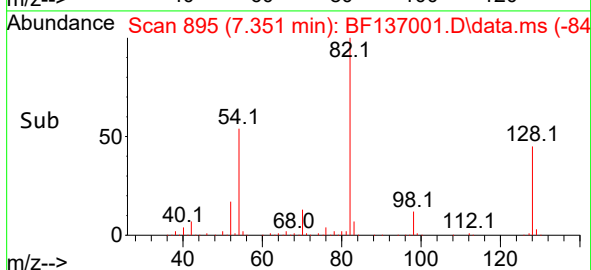
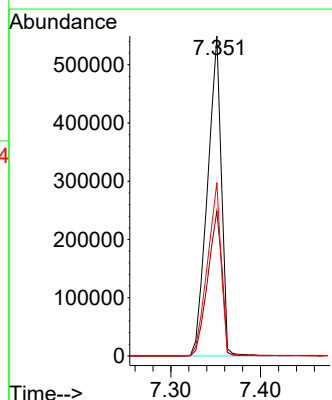
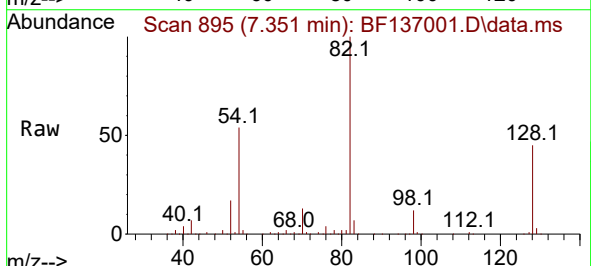
Tgt Ion: 82 Resp: 589607

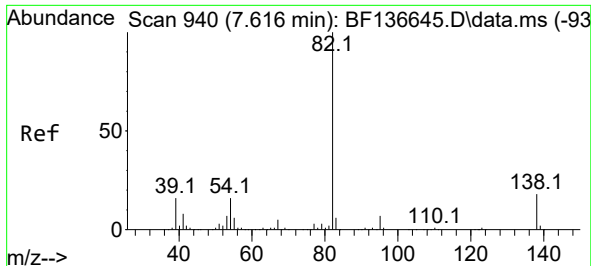
Ion Ratio Lower Upper

82 100

128 45.3 35.3 52.9

54 54.1 44.5 66.7

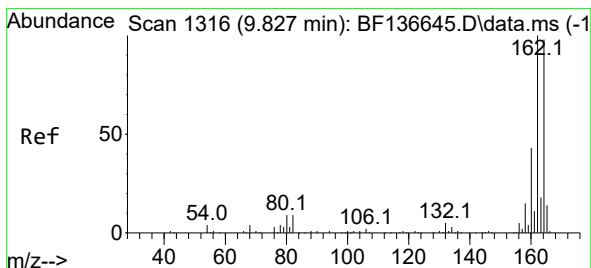
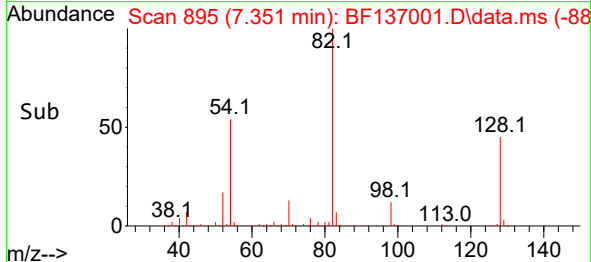
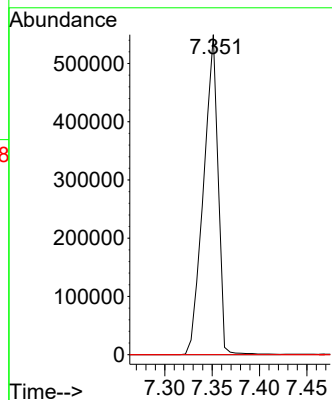
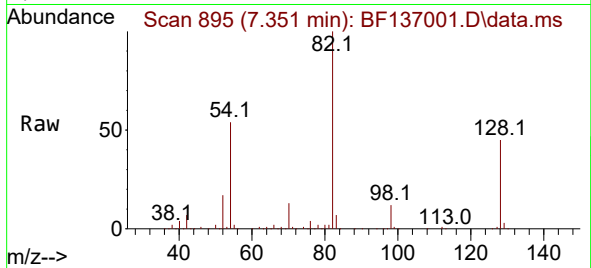




#25
Isophorone
Concen: 52.023 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137001.D
Acq: 08 Jan 2024 18:26

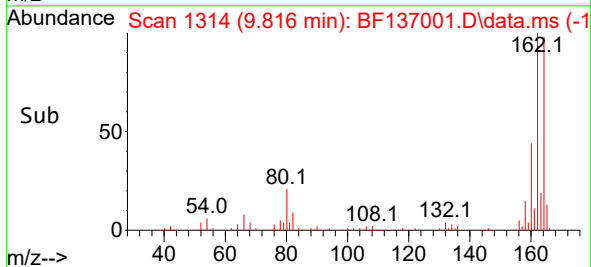
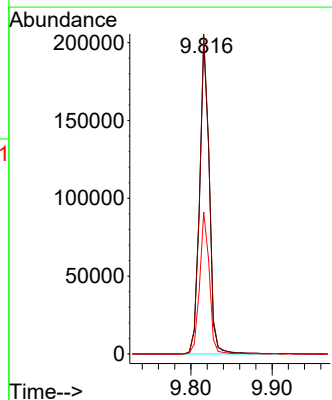
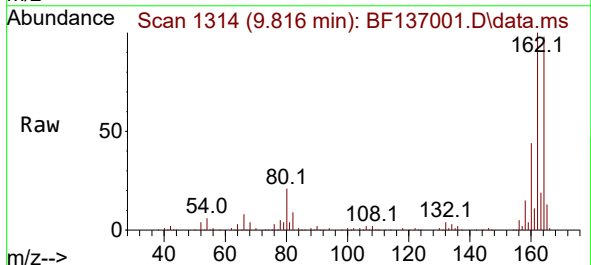
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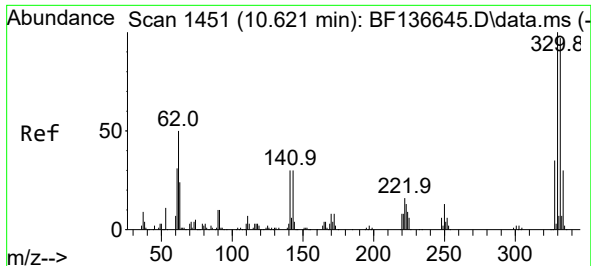
Tgt Ion: 82 Resp: 589598
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137001.D
Acq: 08 Jan 2024 18:26

Tgt Ion:164 Resp: 167037
Ion Ratio Lower Upper
164 100
162 102.5 81.6 122.4
160 45.4 34.9 52.3

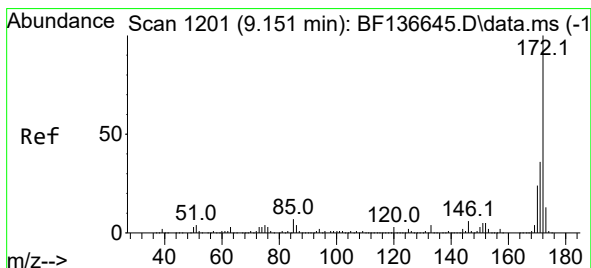
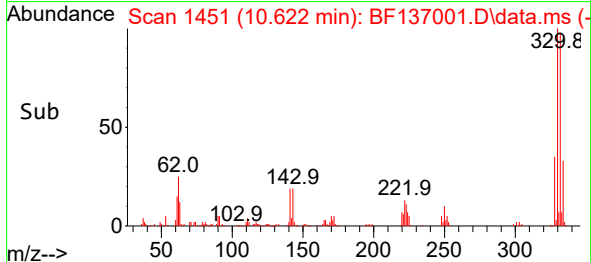
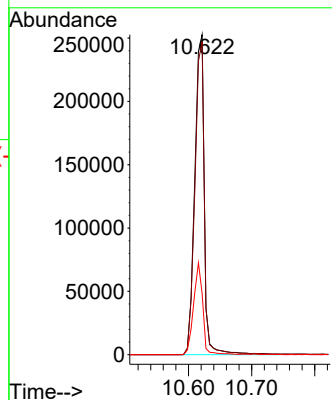
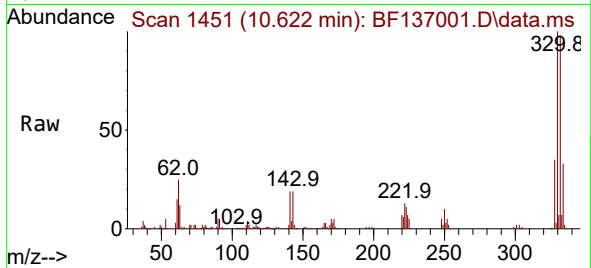




#42
2,4,6-Tribromophenol
Concen: 135.488 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137001.D
Acq: 08 Jan 2024 18:26

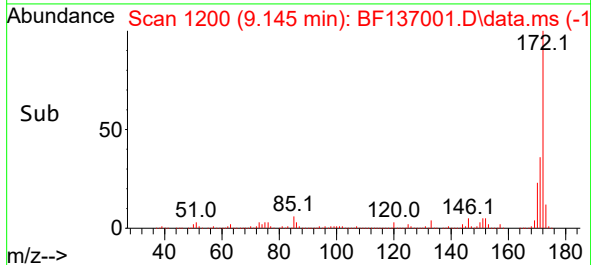
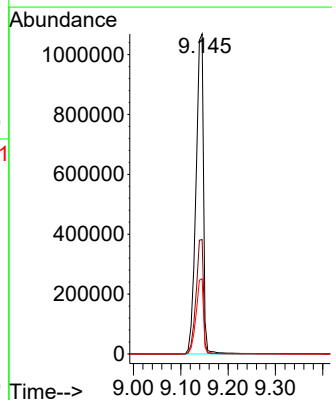
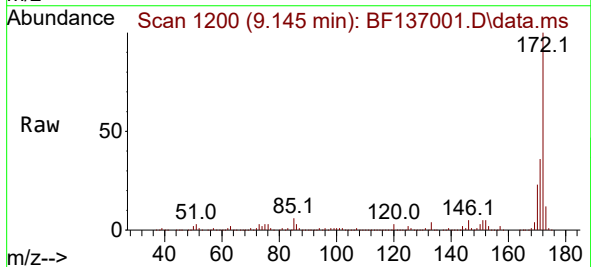
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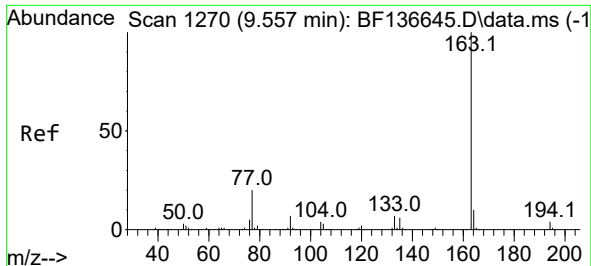
Tgt Ion:330 Resp: 266537
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 27.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 95.121 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137001.D
Acq: 08 Jan 2024 18:26

Tgt Ion:172 Resp: 1181331
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.5 19.0 28.4

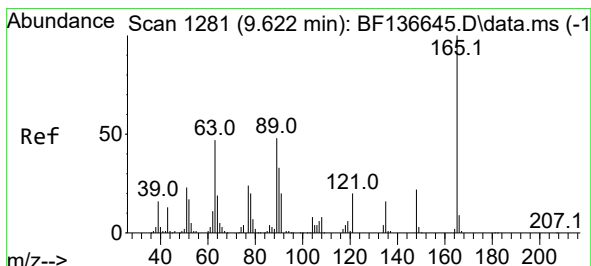
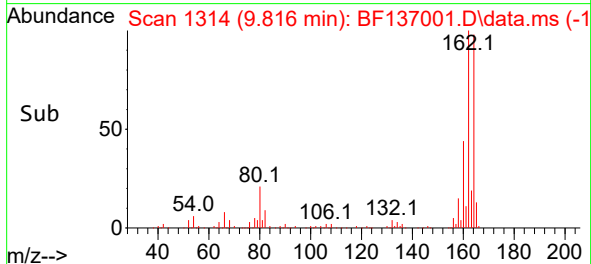
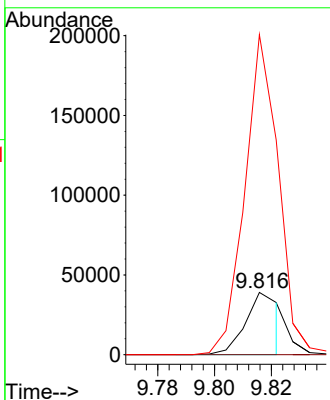
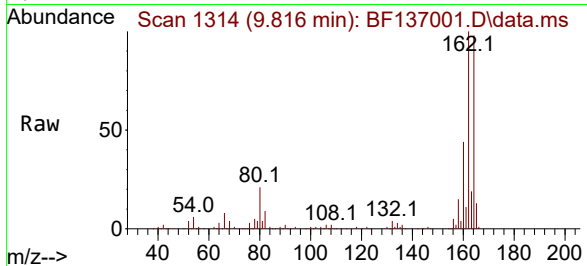




#50
Dimethylphthalate
Concen: 2.635 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF137001.D
Acq: 08 Jan 2024 18:26

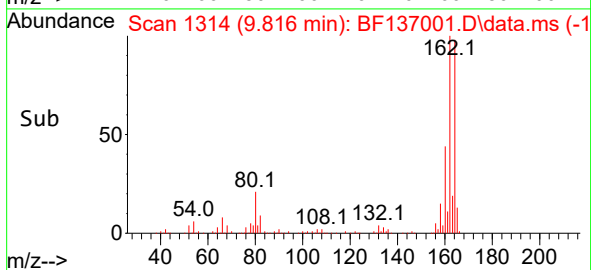
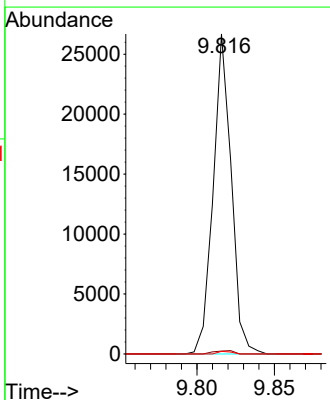
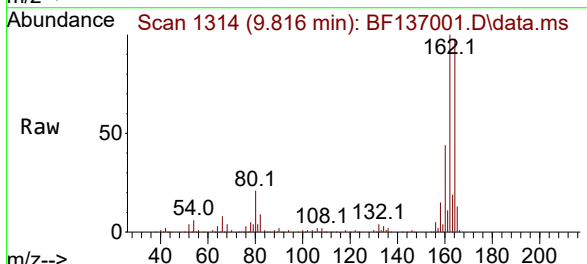
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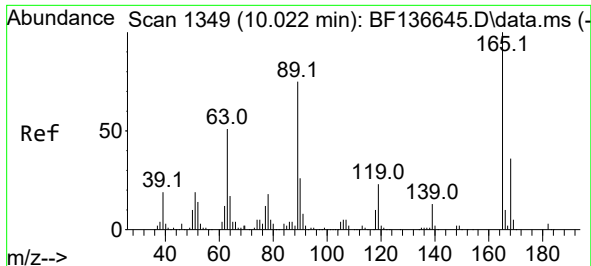
Tgt Ion:163 Resp: 32153
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 514.6 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.826 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137001.D
Acq: 08 Jan 2024 18:26

Tgt Ion:165 Resp: 21671
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 0.8 38.8 58.2#

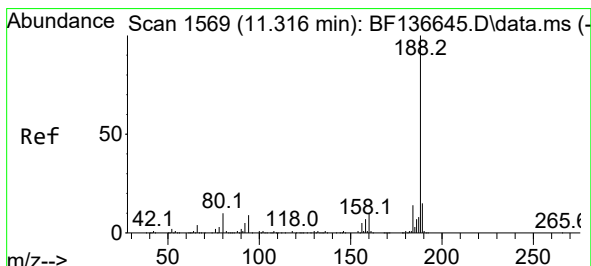
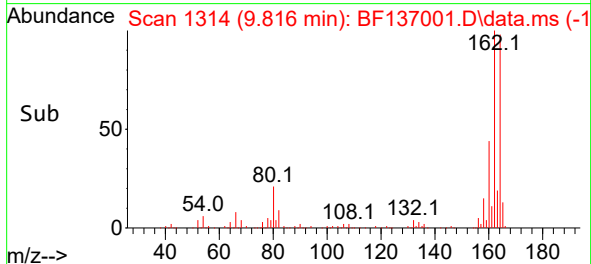
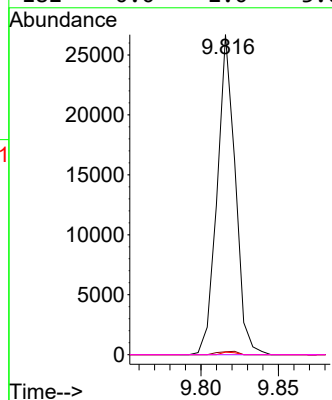
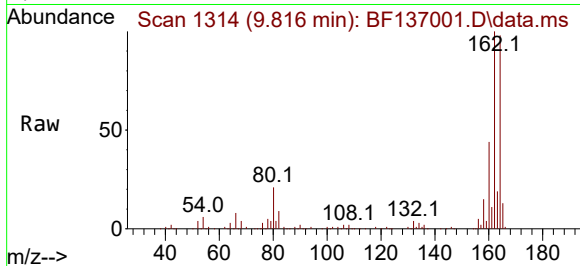




#57
2,4-Dinitrotoluene
Concen: 6.029 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137001.D
Acq: 08 Jan 2024 18:26

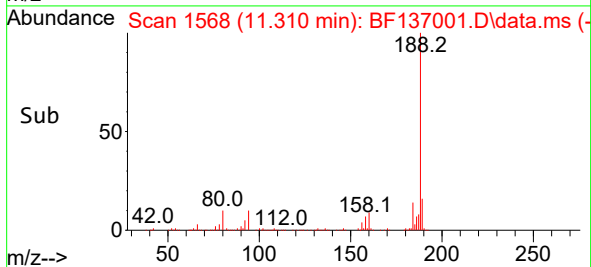
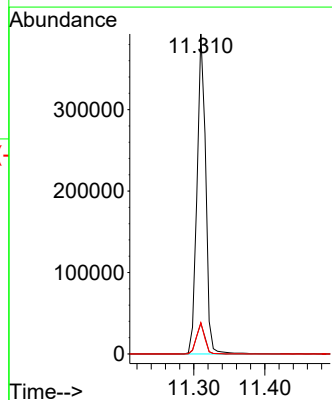
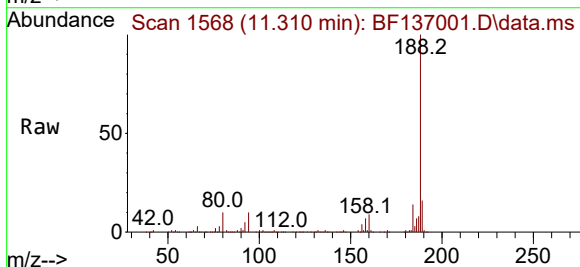
Instrument :
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ClientSampleId :
PB158292BL

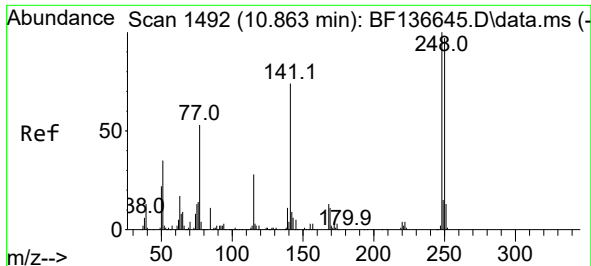
Tgt Ion:165 Resp: 21671
Ion Ratio Lower Upper
165 100
63 0.9 41.0 61.6#
89 0.8 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137001.D
Acq: 08 Jan 2024 18:26

Tgt Ion:188 Resp: 334793
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 9.8 8.1 12.1

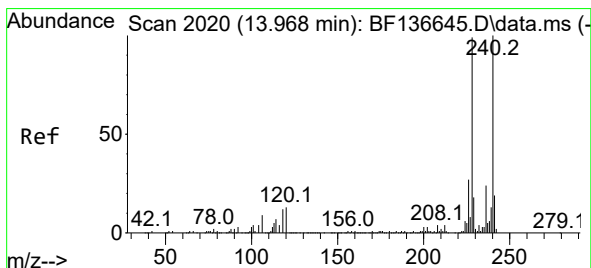
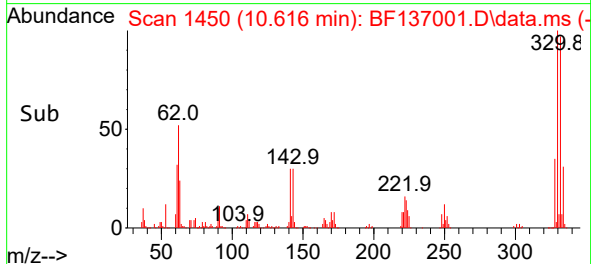
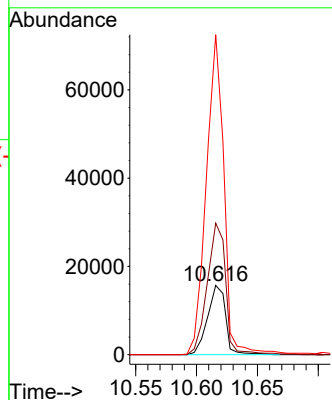
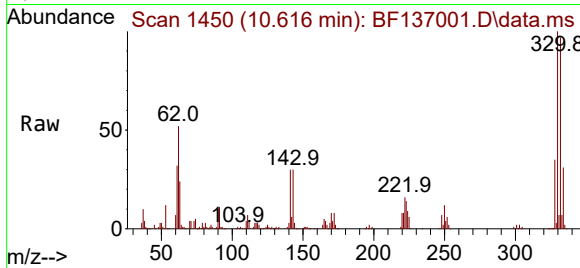




#67
4-Bromophenyl-phenylether
Concen: 4.345 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF137001.D
Acq: 08 Jan 2024 18:26

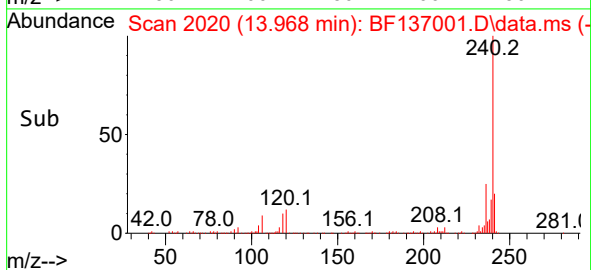
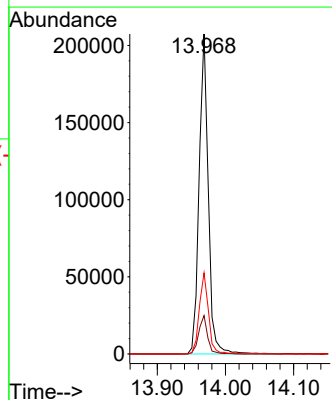
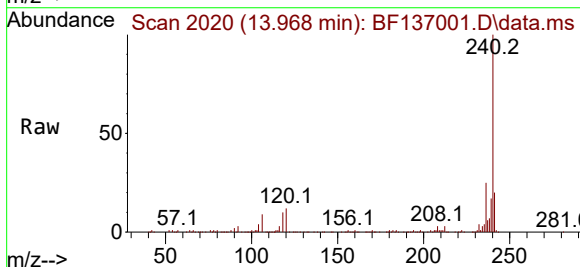
Instrument :
BNA_F
ClientSampleId :
PB158292BL

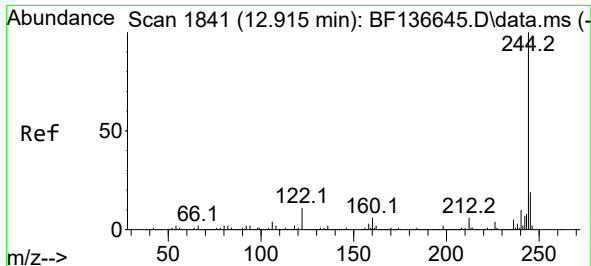
Tgt Ion:248 Resp: 16156
Ion Ratio Lower Upper
248 100
250 190.0 77.8 116.6#
141 462.2 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF137001.D
Acq: 08 Jan 2024 18:26

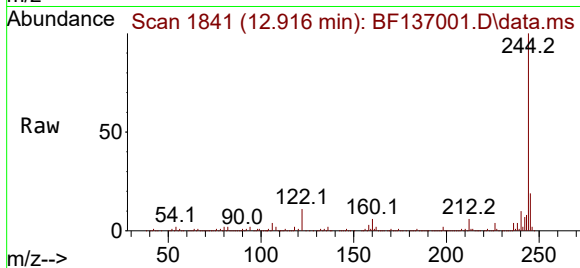
Tgt Ion:240 Resp: 193545
Ion Ratio Lower Upper
240 100
120 12.0 10.3 15.5
236 25.4 19.4 29.2





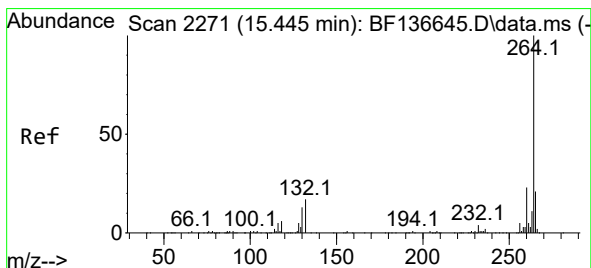
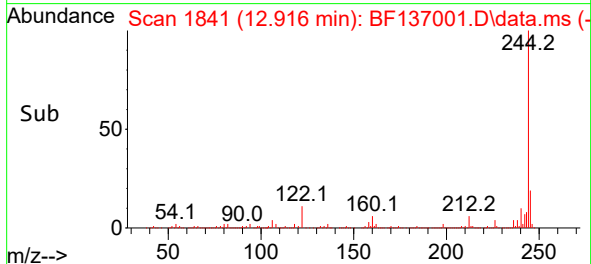
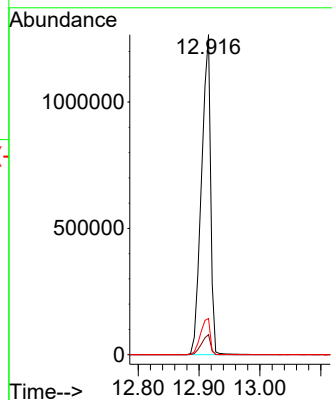
#79
 Terphenyl-d14
 Concen: 94.752 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF137001.D
 Acq: 08 Jan 2024 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB158292BL



Tgt Ion:244 Resp: 1312290

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.0	7.4
122	11.3	9.0	13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.012 min
 Lab File: BF137001.D
 Acq: 08 Jan 2024 18:26

Tgt Ion:264 Resp: 162808

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.3	27.5
265	21.9	17.0	25.6

