

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
 Data File : BF131967.D
 Acq On : 09 Jan 2023 17:15
 Operator : CG\JU
 Sample : PB150009BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150009BL

Quant Time: Jan 10 03:12:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

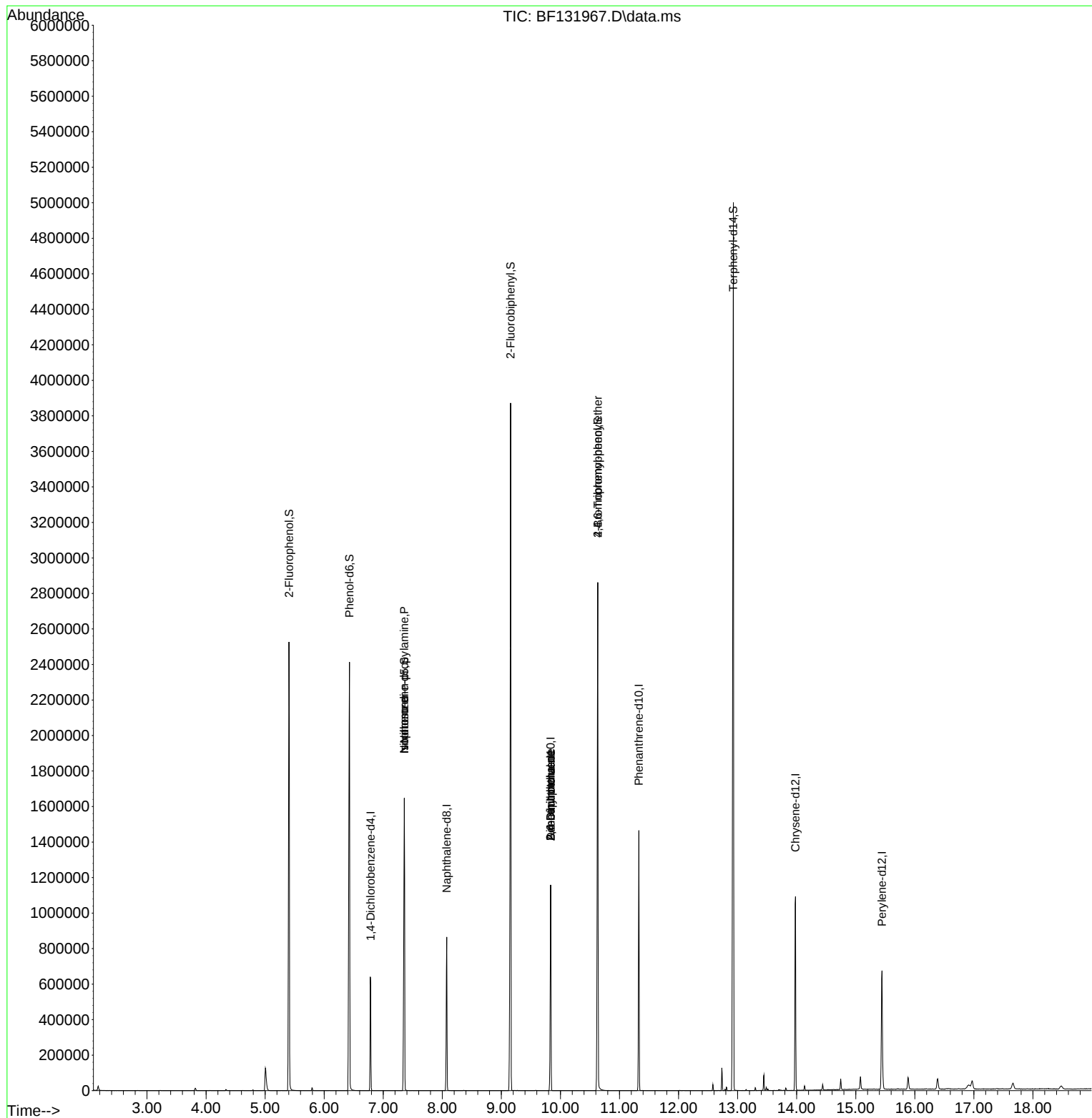
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	92389	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	355561	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	230809	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	480883	20.000	ng	0.00
76) Chrysene-d12	13.980	240	390776	20.000	ng	0.00
86) Perylene-d12	15.445	264	300431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	704502	125.650	ng	0.01
7) Phenol-d6	6.428	99	902013	121.336	ng	0.00
23) Nitrobenzene-d5	7.357	82	656858	76.673	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	331504	124.917	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1244810	72.807	ng	0.00
79) Terphenyl-d14	12.927	244	1806649	66.264	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.357	70	91481	17.011	ng	# 78
25) Isophorone	7.357	82	650026	40.615	ng	# 69
50) Dimethylphthalate	9.833	163	42440	2.359	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	29254	7.731	ng	# 22
57) 2,4-Dinitrotoluene	9.833	165	29254	5.782	ng	# 13
67) 4-Bromophenyl-phenylether	10.633	248	22557	3.750	ng	# 1

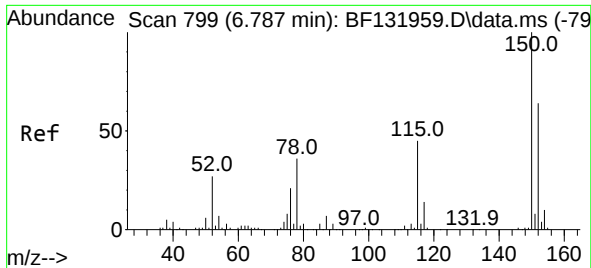
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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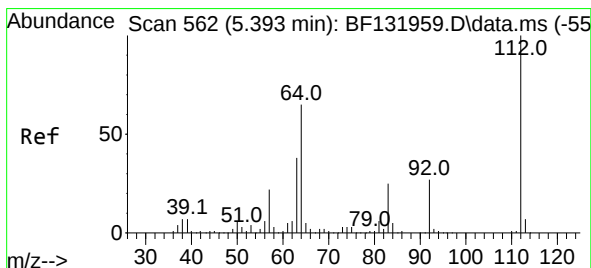
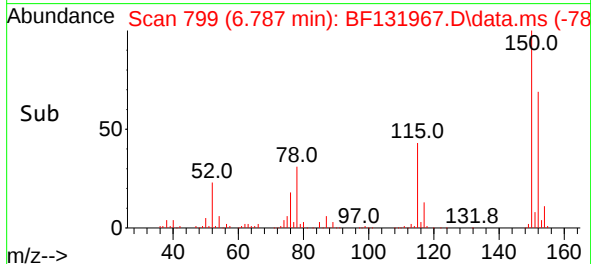
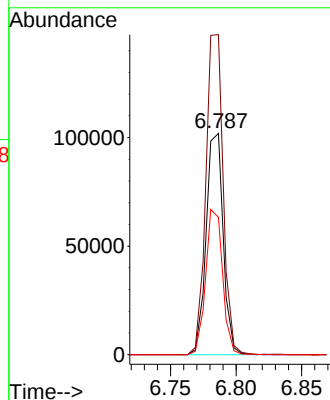
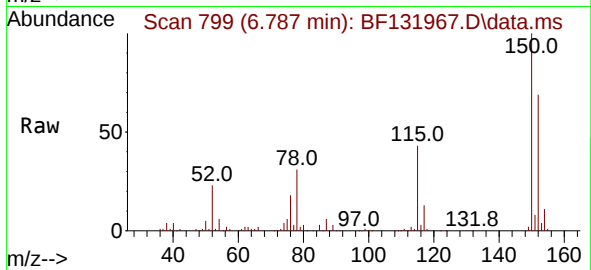




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF131967.D
Acq: 09 Jan 2023 17:15

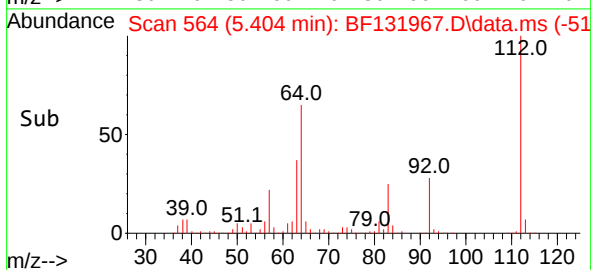
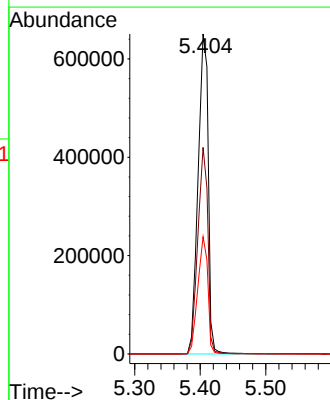
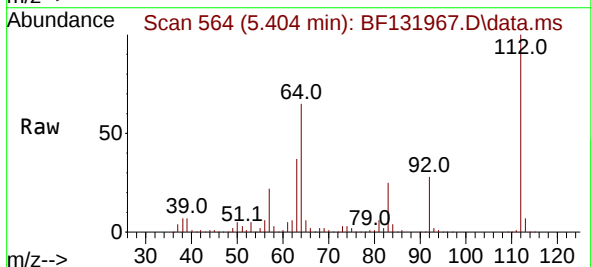
Instrument :
BNA_F
ClientSampleId :
PB150009BL

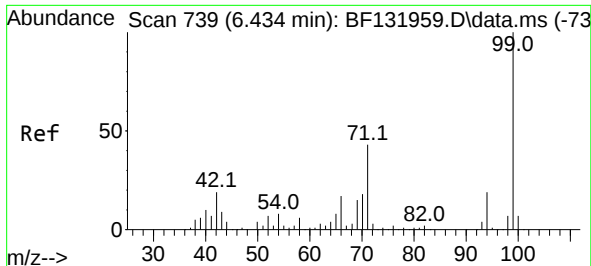
Tgt Ion:152 Resp: 92389
Ion Ratio Lower Upper
152 100
150 144.6 124.6 186.8
115 62.0 55.6 83.4



#5
2-Fluorophenol
Concen: 125.650 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF131967.D
Acq: 09 Jan 2023 17:15

Tgt Ion:112 Resp: 704502
Ion Ratio Lower Upper
112 100
64 64.6 51.9 77.9
63 36.7 30.2 45.2

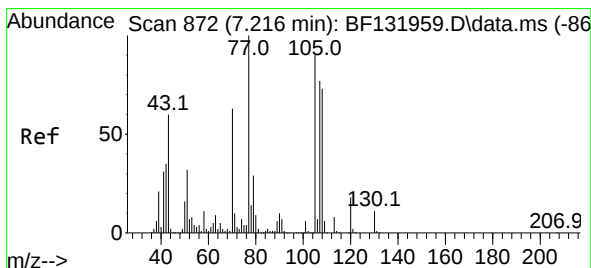
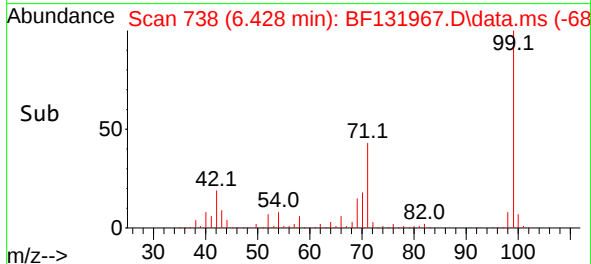
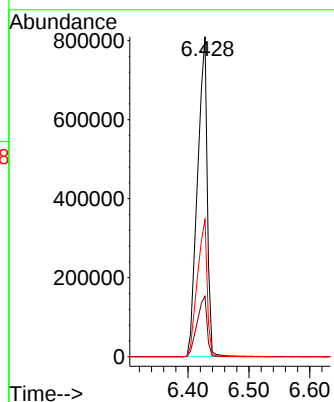
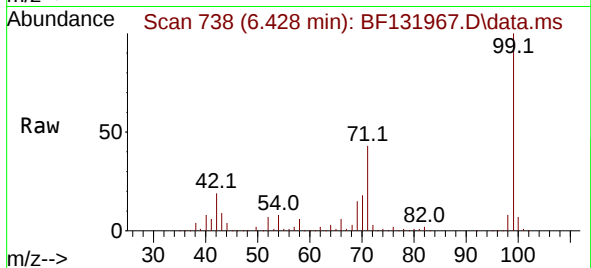




#7
Phenol-d6
Concen: 121.336 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131967.D
Acq: 09 Jan 2023 17:15

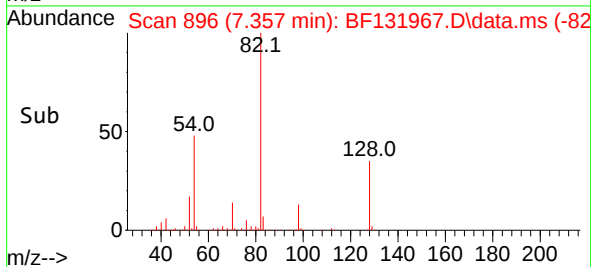
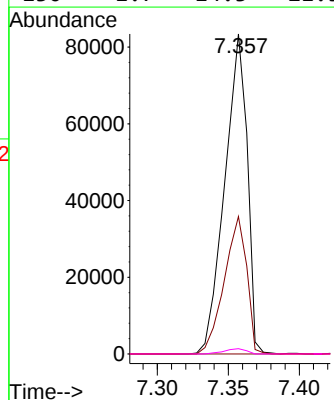
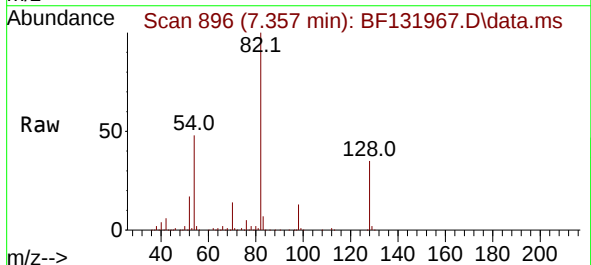
Instrument :
BNA_F
ClientSampleId :
PB150009BL

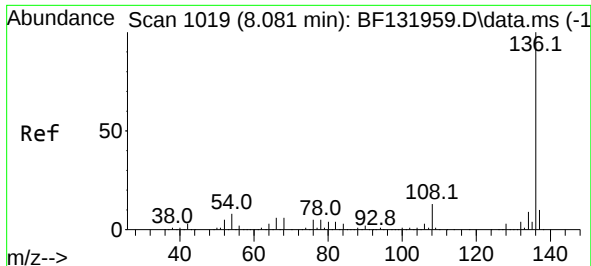
Tgt Ion: 99 Resp: 902013
Ion Ratio Lower Upper
99 100
42 18.9 15.4 23.2
71 42.8 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.011 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF131967.D
Acq: 09 Jan 2023 17:15

Tgt Ion: 70 Resp: 91481
Ion Ratio Lower Upper
70 100
42 42.9 44.3 66.5#
101 0.0 7.5 11.3#
130 1.7 14.3 21.5#





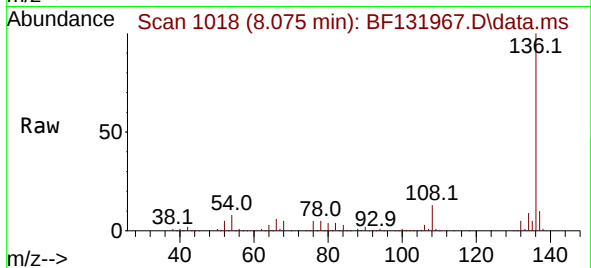
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF131967.D
Acq: 09 Jan 2023 17:15

Instrument :

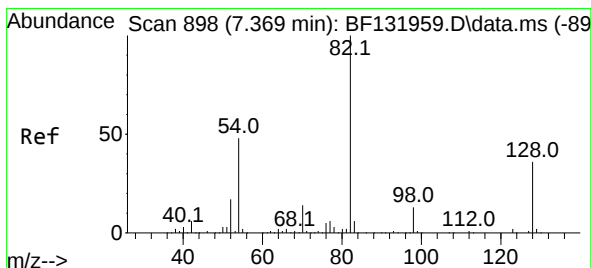
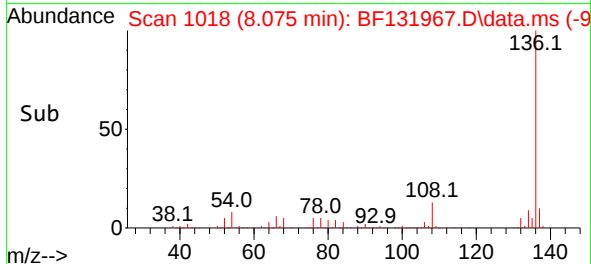
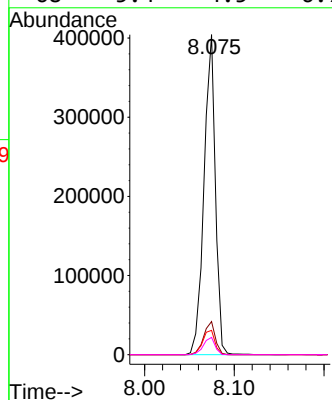
BNA_F

ClientSampleId :

PB150009BL

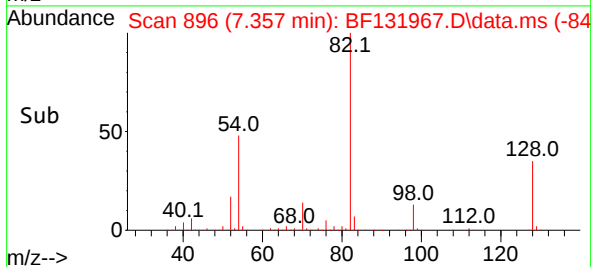
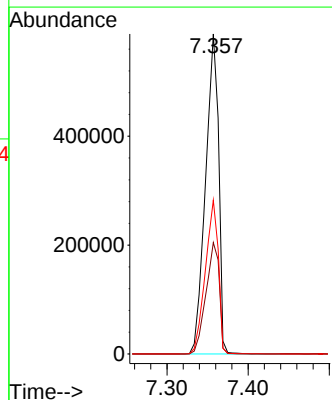
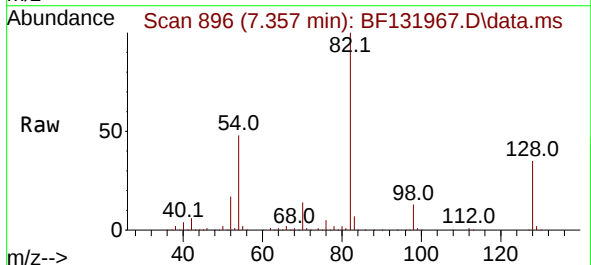


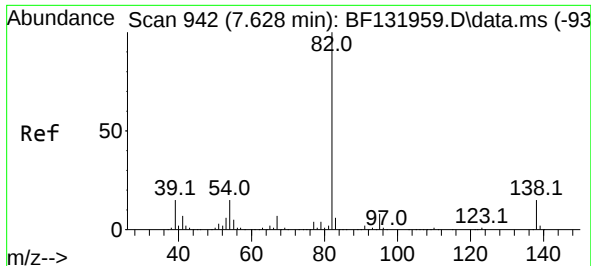
Tgt Ion:136 Resp: 355561
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.2
54 7.6 6.6 9.8
68 5.4 4.5 6.7



#23
Nitrobenzene-d5
Concen: 76.673 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF131967.D
Acq: 09 Jan 2023 17:15

Tgt Ion: 82 Resp: 656858
Ion Ratio Lower Upper
82 100
128 34.8 28.7 43.1
54 48.1 38.1 57.1

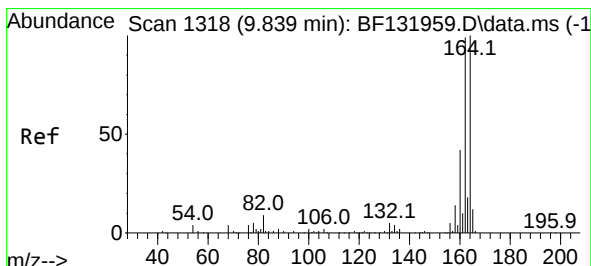
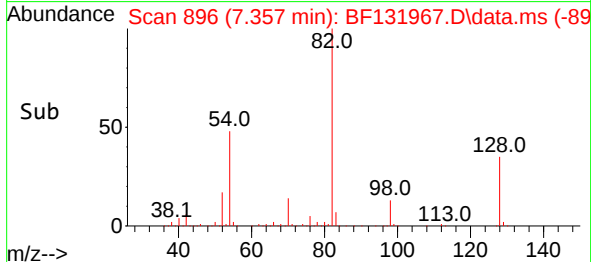
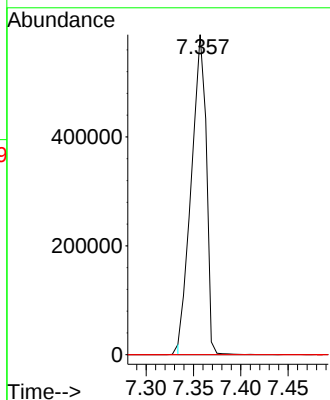
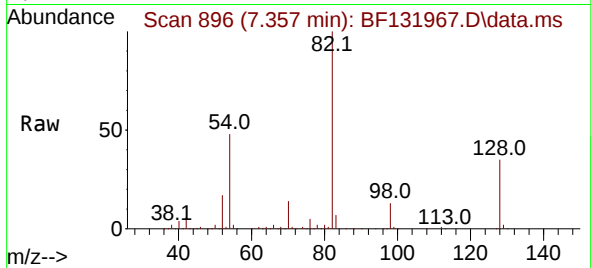




#25
Isophorone
Concen: 40.615 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF131967.D
Acq: 09 Jan 2023 17:15

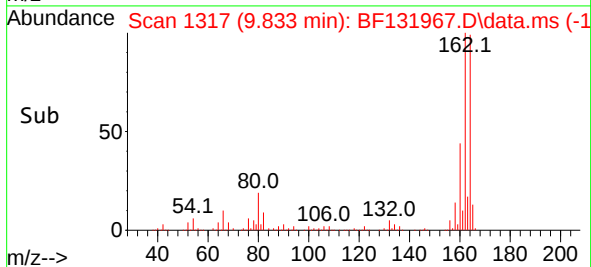
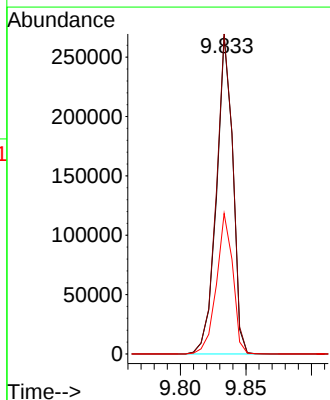
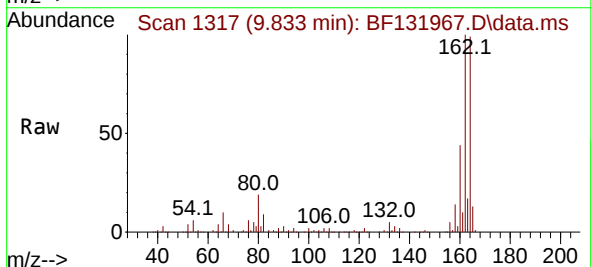
Instrument :
BNA_F
ClientSampleId :
PB150009BL

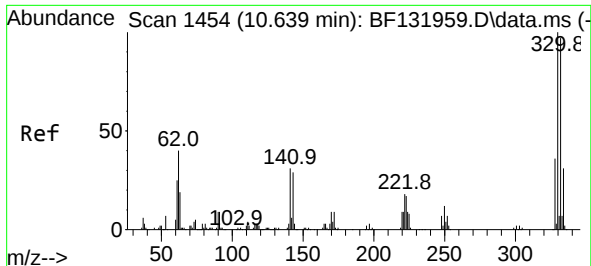
Tgt Ion: 82 Resp: 650026
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF131967.D
Acq: 09 Jan 2023 17:15

Tgt Ion:164 Resp: 230809
Ion Ratio Lower Upper
164 100
162 100.8 79.4 119.0
160 44.3 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 124.917 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF131967.D

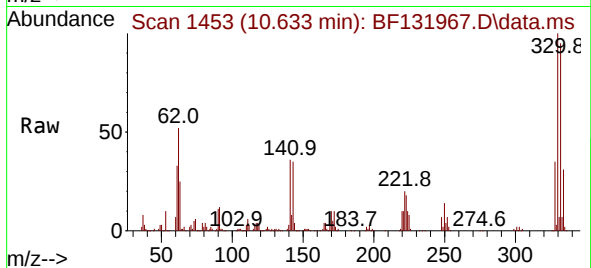
Acq: 09 Jan 2023 17:15

Instrument :

BNA_F

ClientSampleId :

PB150009BL



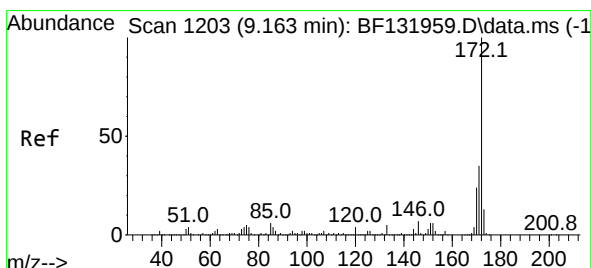
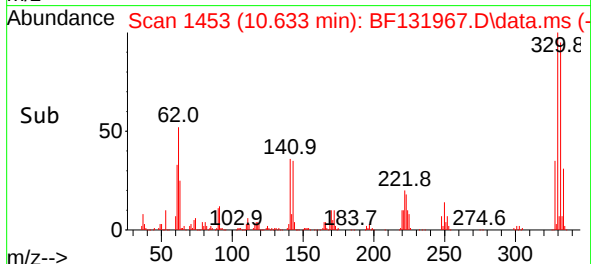
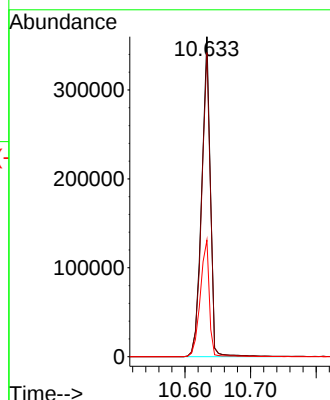
Tgt Ion:330 Resp: 331504

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

141 38.1 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 72.807 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF131967.D

Acq: 09 Jan 2023 17:15

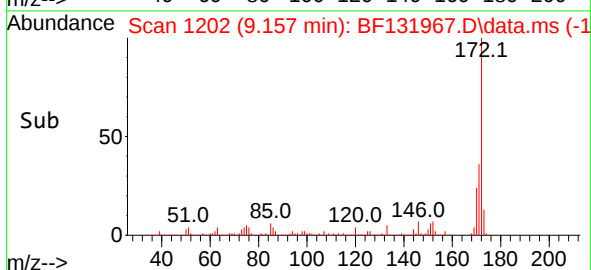
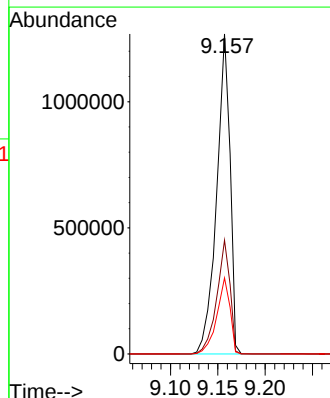
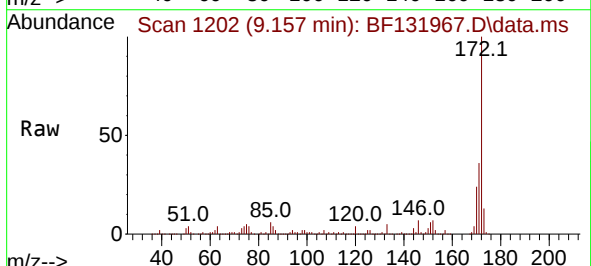
Tgt Ion:172 Resp: 1244810

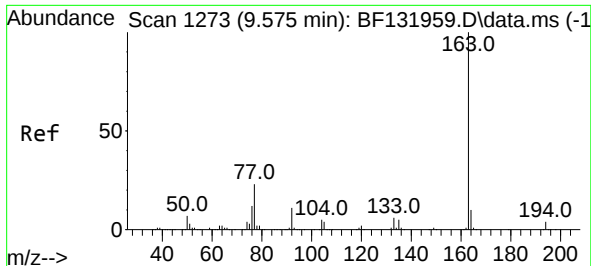
Ion Ratio Lower Upper

172 100

171 35.6 28.0 42.0

170 23.7 18.9 28.3

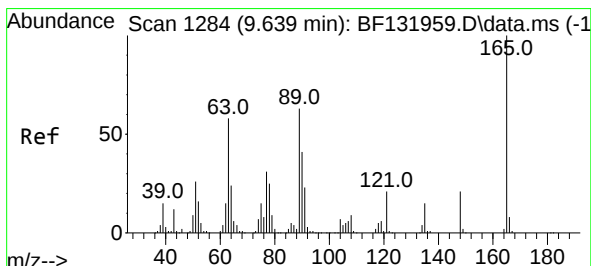
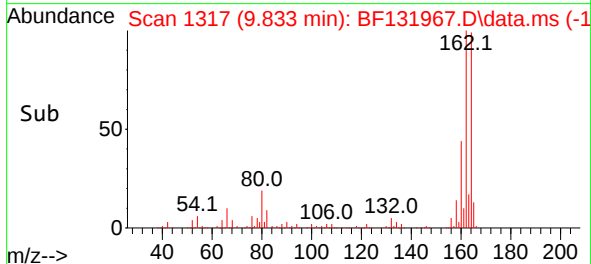
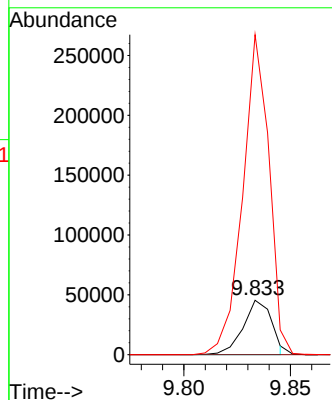
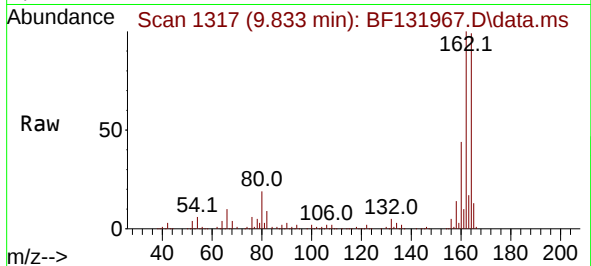




#50
Dimethylphthalate
Concen: 2.359 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.259 min
Lab File: BF131967.D
Acq: 09 Jan 2023 17:15

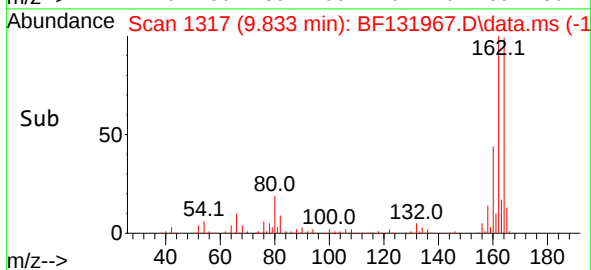
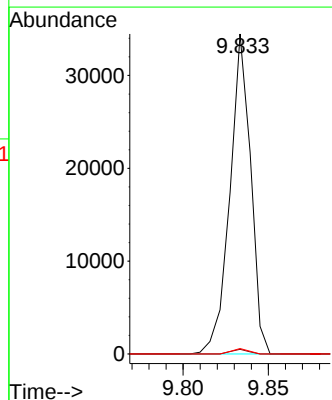
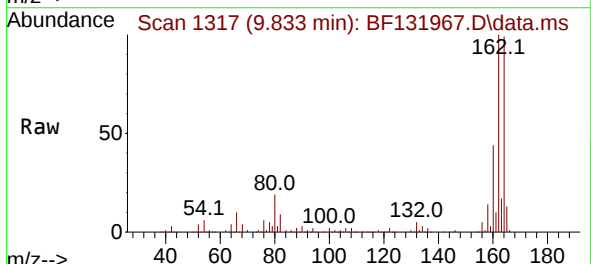
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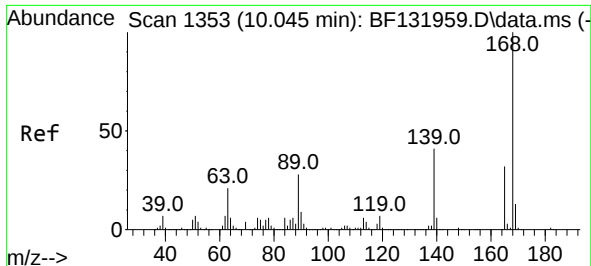
Tgt Ion:163 Resp: 42440
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 588.0 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.731 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.194 min
Lab File: BF131967.D
Acq: 09 Jan 2023 17:15

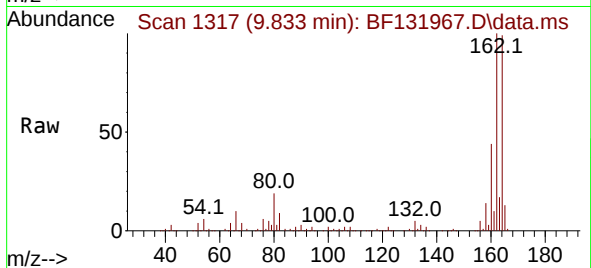
Tgt Ion:165 Resp: 29254
Ion Ratio Lower Upper
165 100
63 1.5 47.4 71.0#
89 1.7 50.2 75.2#



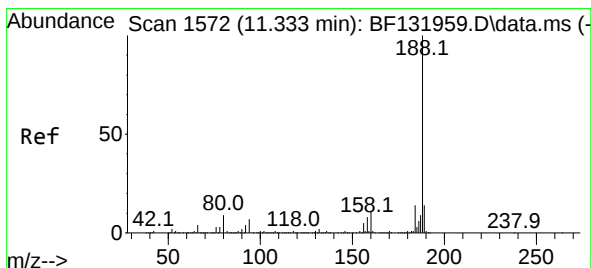
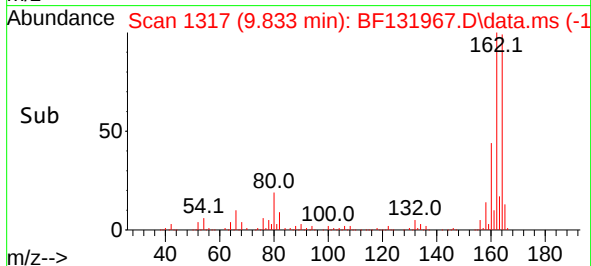
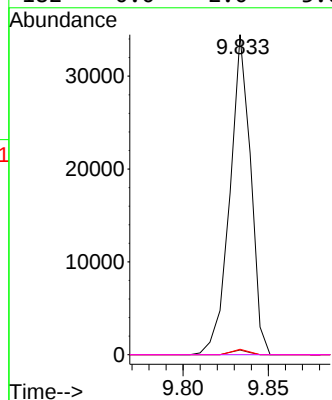


#57
2,4-Dinitrotoluene
Concen: 5.782 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF131967.D
Acq: 09 Jan 2023 17:15

Instrument :
BNA_F
ClientSampleId :
PB150009BL

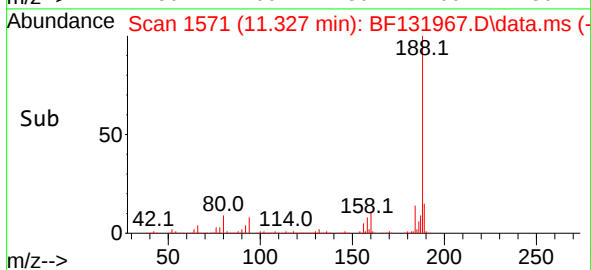
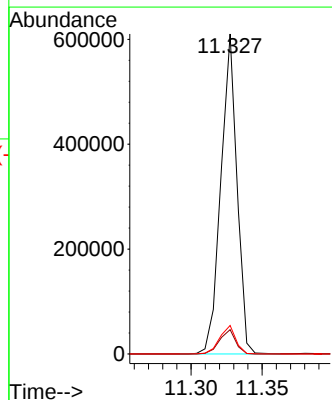
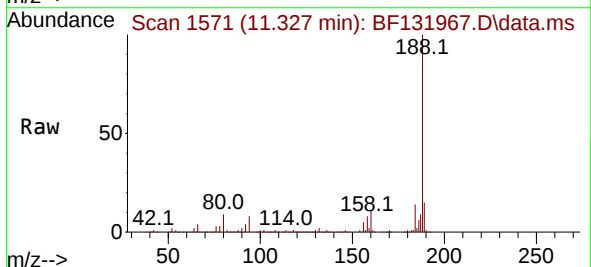


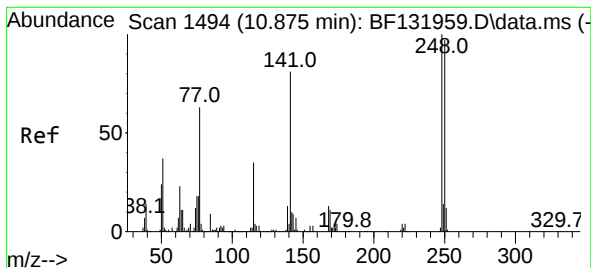
Tgt Ion:165 Resp: 29254
Ion Ratio Lower Upper
165 100
63 1.5 53.2 79.8#
89 1.7 71.2 106.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF131967.D
Acq: 09 Jan 2023 17:15

Tgt Ion:188 Resp: 480883
Ion Ratio Lower Upper
188 100
94 7.6 5.8 8.6
80 8.9 7.4 11.0

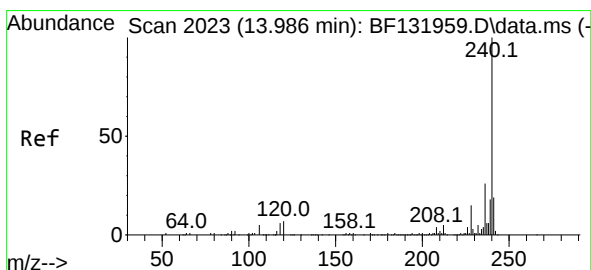
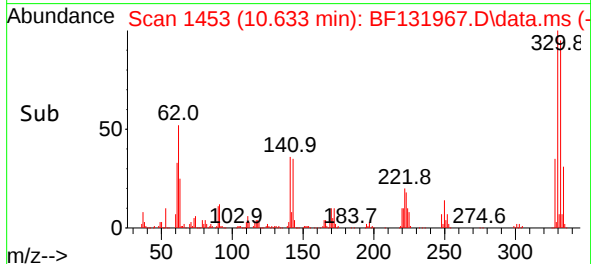
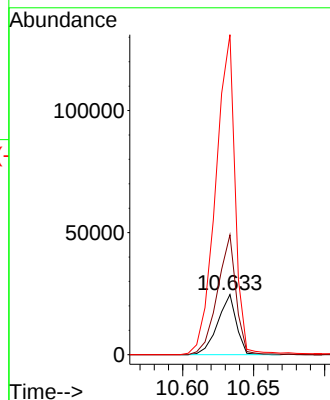
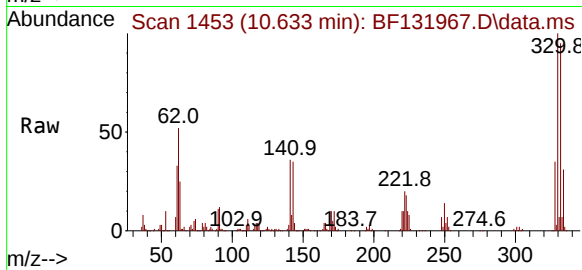




#67
4-Bromophenyl-phenylether
Concen: 3.750 ng
RT: 10.633 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF131967.D
Acq: 09 Jan 2023 17:15

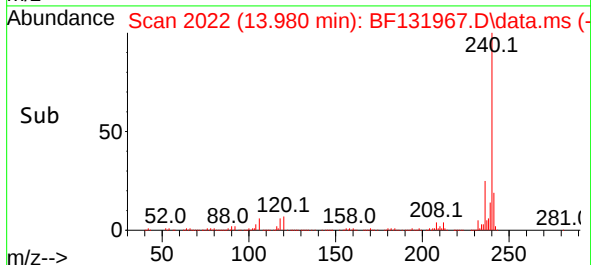
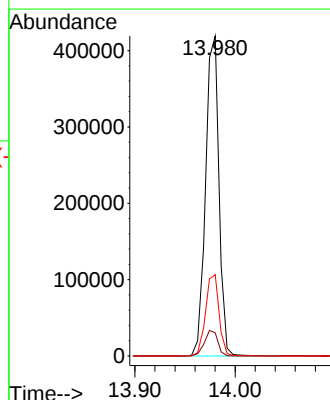
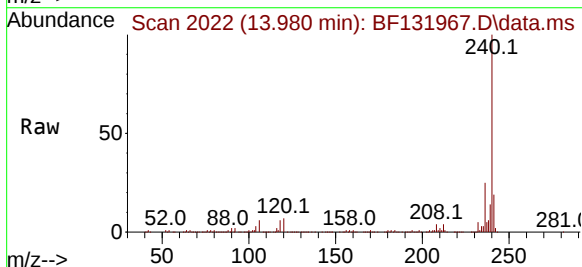
Instrument :
BNA_F
ClientSampleId :
PB150009BL

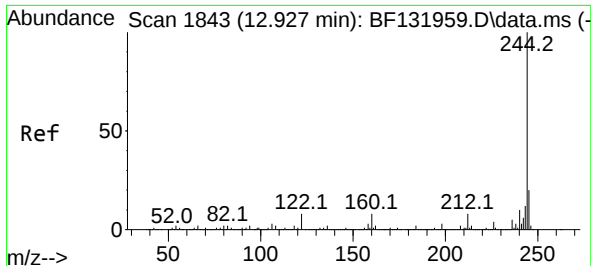
Tgt Ion:248 Resp: 22557
Ion Ratio Lower Upper
248 100
250 199.4 77.4 116.2#
141 532.3 65.0 97.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF131967.D
Acq: 09 Jan 2023 17:15

Tgt Ion:240 Resp: 390776
Ion Ratio Lower Upper
240 100
120 7.2 5.4 8.0
236 25.4 21.1 31.7

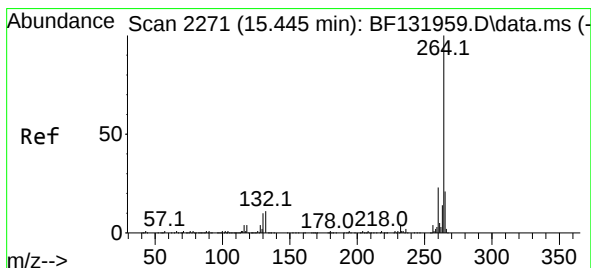
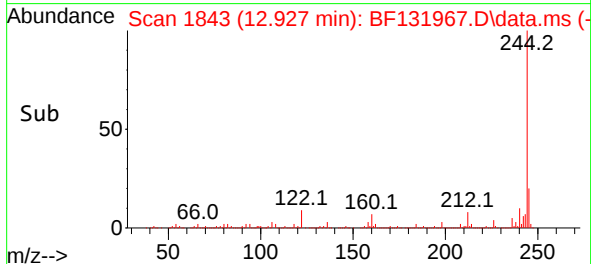
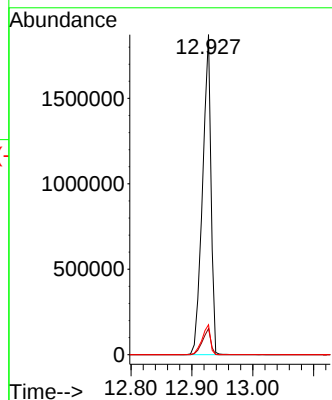
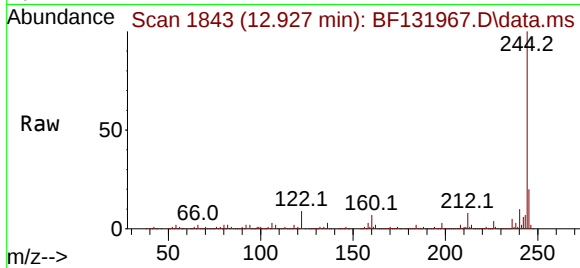




#79
 Terphenyl-d14
 Concen: 66.264 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF131967.D
 Acq: 09 Jan 2023 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB150009BL

Tgt Ion:244 Resp: 1806649
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 9.4 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.000 min
 Lab File: BF131967.D
 Acq: 09 Jan 2023 17:15

Tgt Ion:264 Resp: 300431
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.3 27.5
 265 21.5 16.9 25.3

