

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131851.D
 Acq On : 27 Dec 2022 22:38
 Operator : CG\JU
 Sample : N6202-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGC-COMP-1

Quant Time: Dec 28 00:43:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

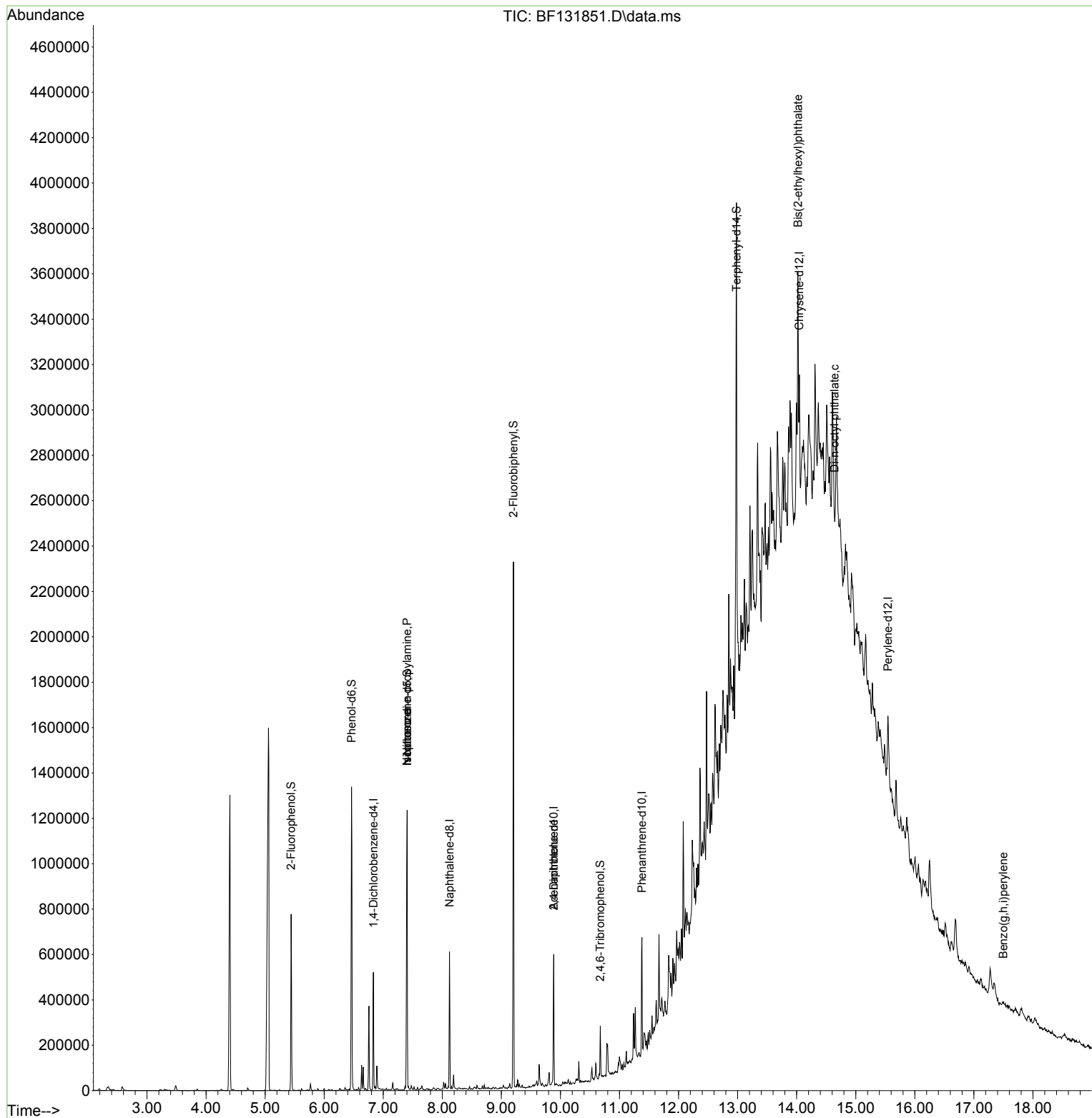
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	66723	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	218878	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	103530	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	172795	20.000	ng	0.00
76) Chrysene-d12	14.045	240	133154	20.000	ng	0.00
86) Perylene-d12	15.545	264	106022	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	174424	43.322	ng	0.00
7) Phenol-d6	6.463	99	437695	82.745	ng	0.00
23) Nitrobenzene-d5	7.404	82	394535	71.967	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	21608	19.210	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	614763	81.335	ng	0.00
79) Terphenyl-d14	12.980	244	567023	72.032	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	55865	14.954	ng	# 79
25) Isophorone	7.404	82	393384	43.940	ng	# 69
57) 2,4-Dinitrotoluene	9.886	165	13783	5.944	ng	# 18
84) Bis(2-ethylhexyl)phtha...	14.021	149	245691	48.746	ng	# 99
85) Di-n-octyl phthalate	14.639	149	17717	2.611	ng	# 76
92) Benzo(g,h,i)perylene	17.498	276	2512	5.590	ng	# 1

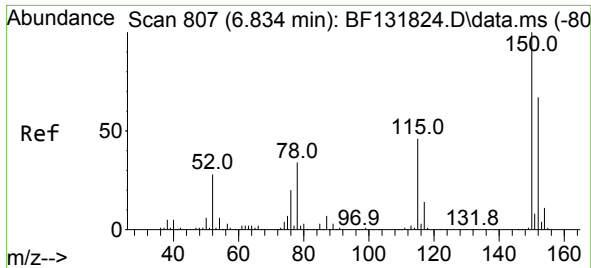
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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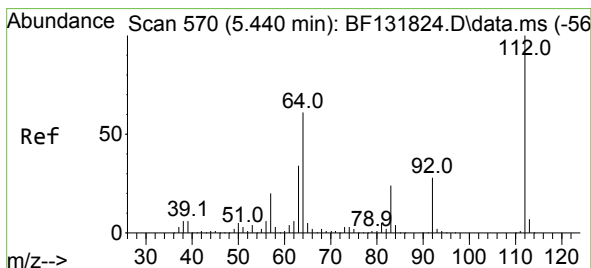
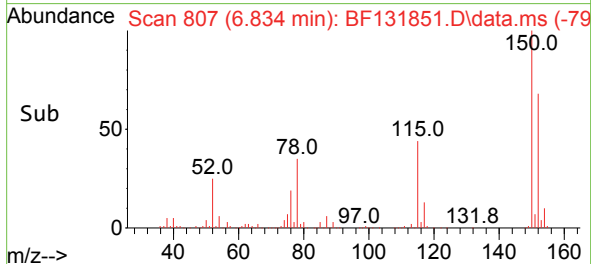
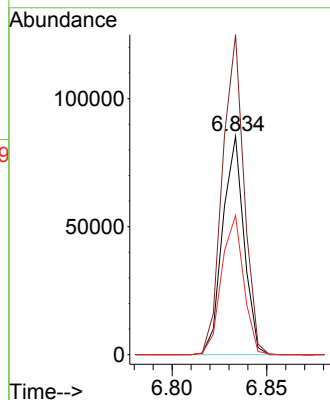
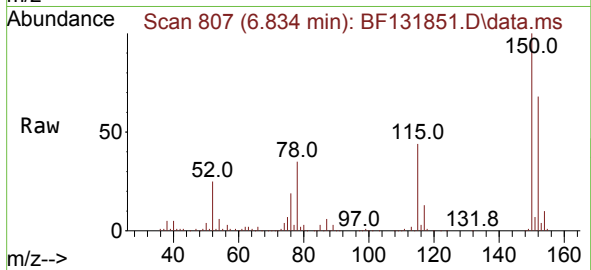




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF131851.D
Acq: 27 Dec 2022 22:38

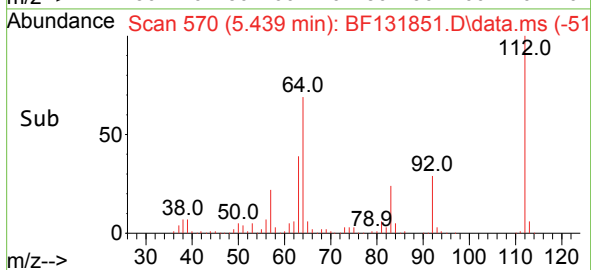
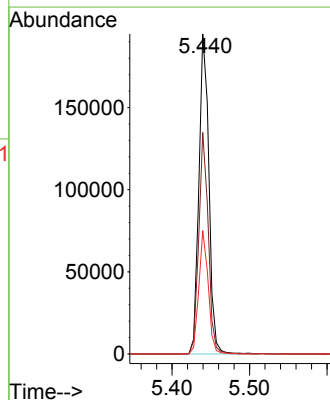
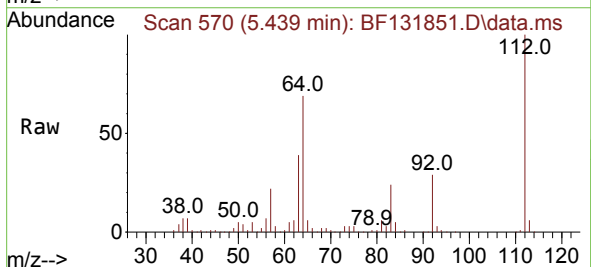
Instrument :
BNA_F
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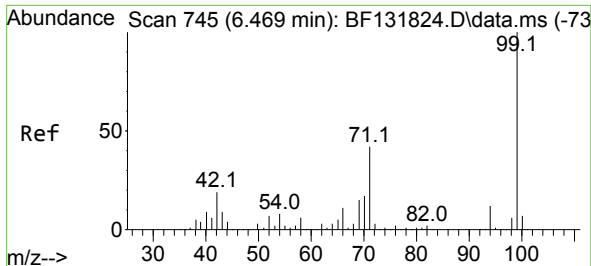
Tgt Ion:152 Resp: 66723
Ion Ratio Lower Upper
152 100
150 146.5 120.0 180.0
115 63.7 55.1 82.7



#5
2-Fluorophenol
Concen: 43.322 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF131851.D
Acq: 27 Dec 2022 22:38

Tgt Ion:112 Resp: 174424
Ion Ratio Lower Upper
112 100
64 69.2 49.2 73.8
63 38.5 27.5 41.3

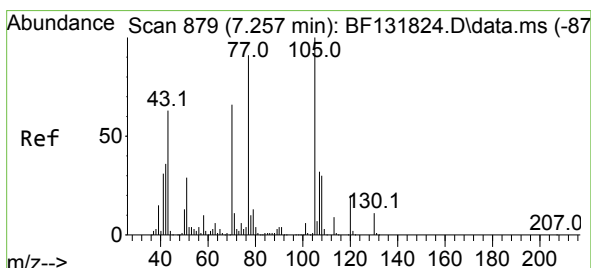
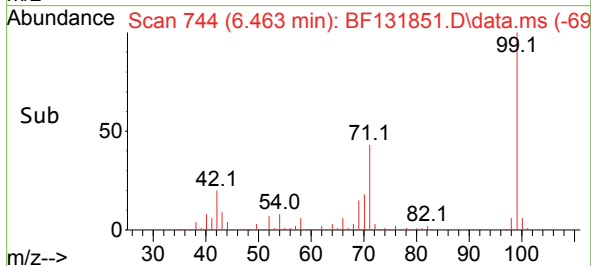
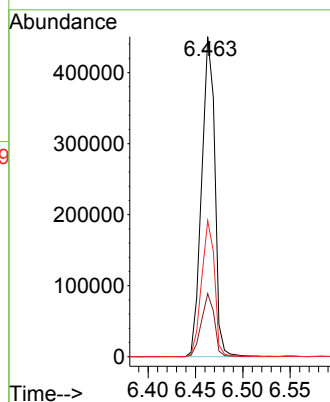
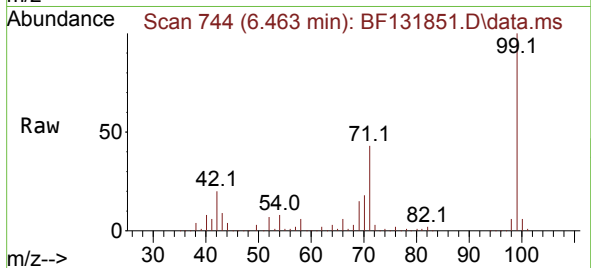




#7
Phenol-d6
Concen: 82.745 ng
RT: 6.463 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF131851.D
Acq: 27 Dec 2022 22:38

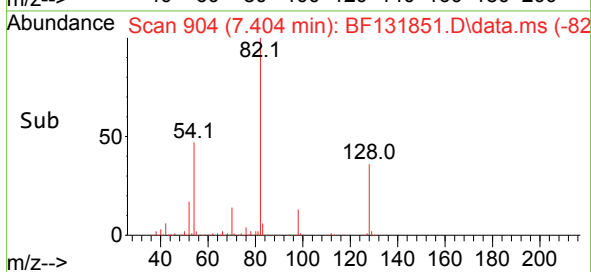
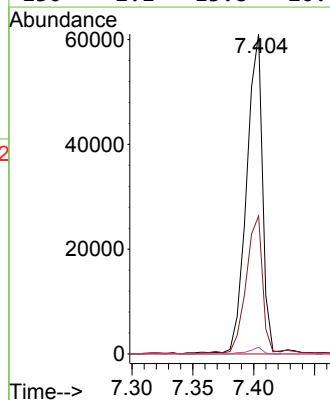
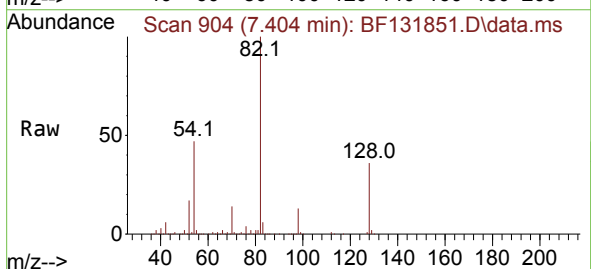
Instrument :
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ClientSampleId :
MGC-COMP-1

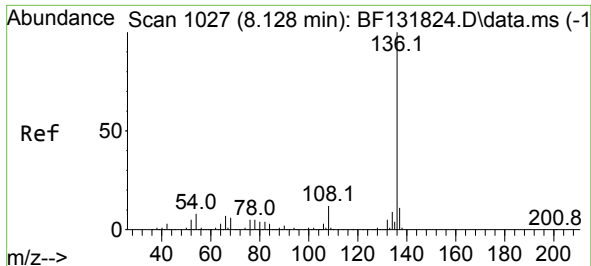
Tgt Ion: 99 Resp: 437695
Ion Ratio Lower Upper
99 100
42 19.7 15.3 22.9
71 42.5 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.954 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF131851.D
Acq: 27 Dec 2022 22:38

Tgt Ion: 70 Resp: 55865
Ion Ratio Lower Upper
70 100
42 43.1 43.8 65.6#
101 0.0 7.4 11.0#
130 2.1 13.8 20.6#

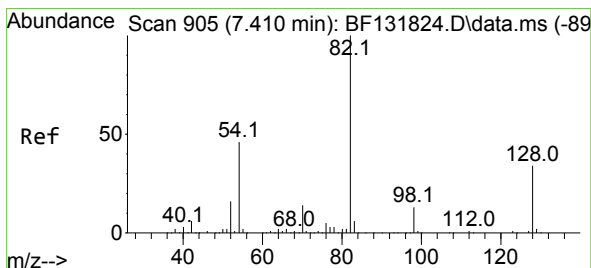
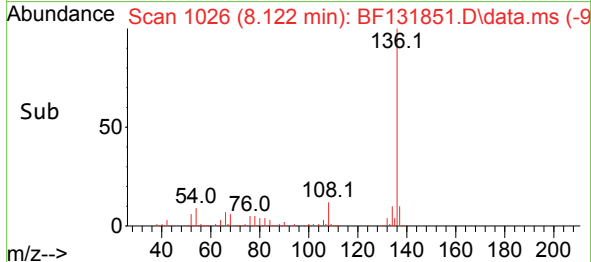
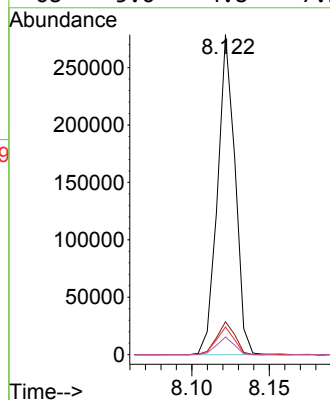
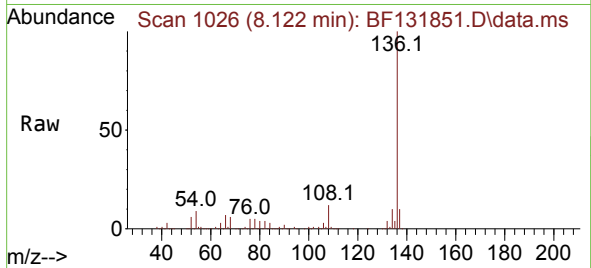




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF131851.D
Acq: 27 Dec 2022 22:38

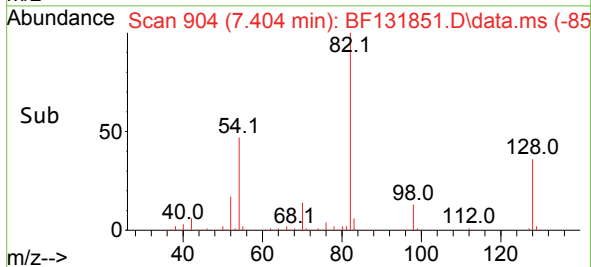
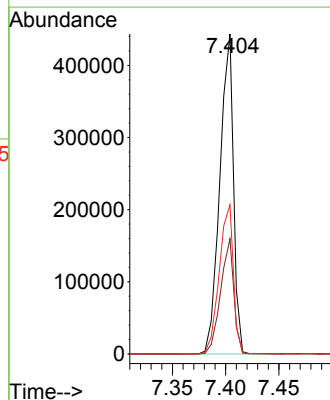
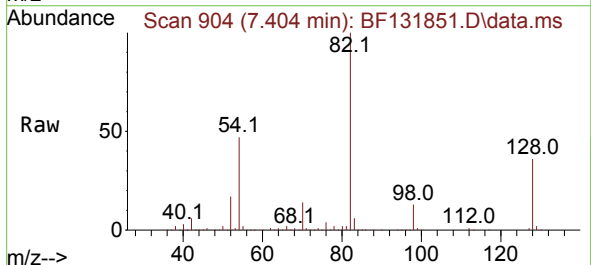
Instrument :
BNA_F
ClientSampleId :
MGC-COMP-1

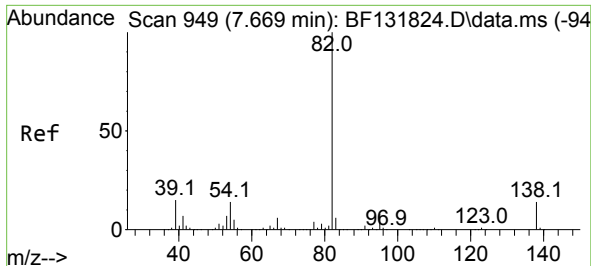
Tgt Ion:136 Resp: 218878
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 8.7 6.7 10.1
68 5.6 4.8 7.2



#23
Nitrobenzene-d5
Concen: 71.967 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF131851.D
Acq: 27 Dec 2022 22:38

Tgt Ion: 82 Resp: 394535
Ion Ratio Lower Upper
82 100
128 36.0 27.1 40.7
54 46.6 37.0 55.6

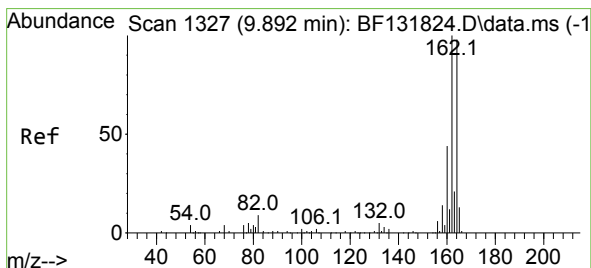
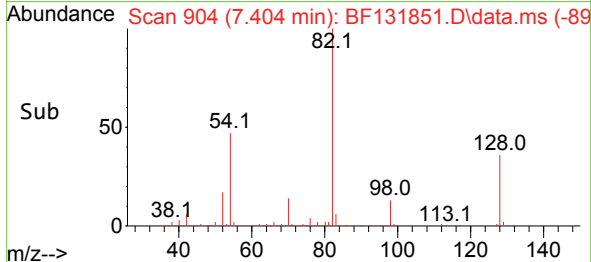
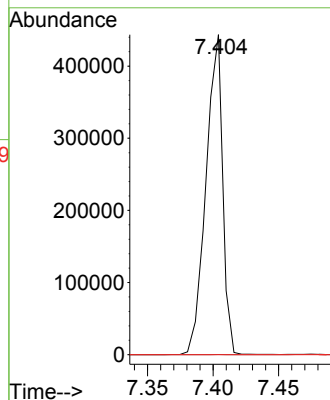
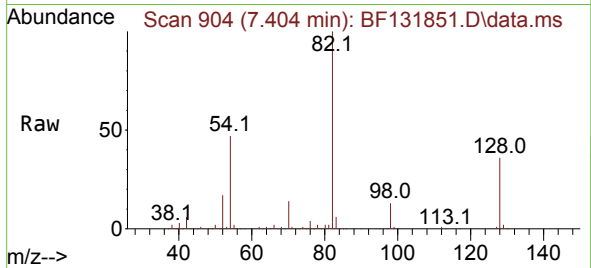




#25
Isophorone
Concen: 43.940 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF131851.D
Acq: 27 Dec 2022 22:38

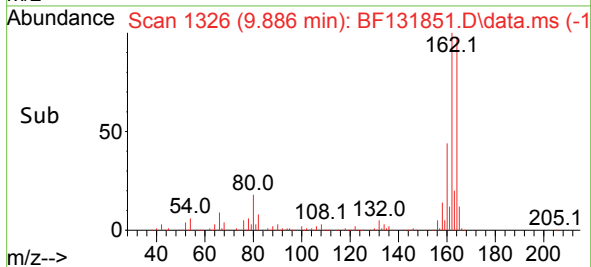
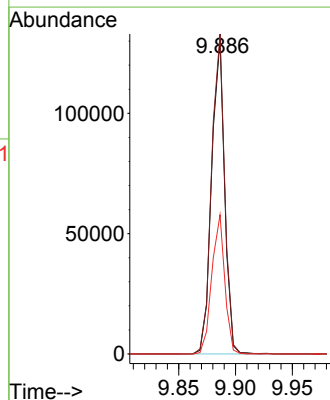
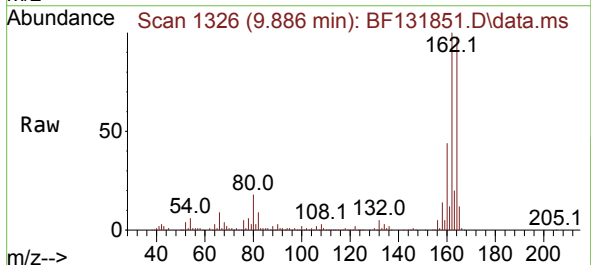
Instrument :
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ClientSampleId :
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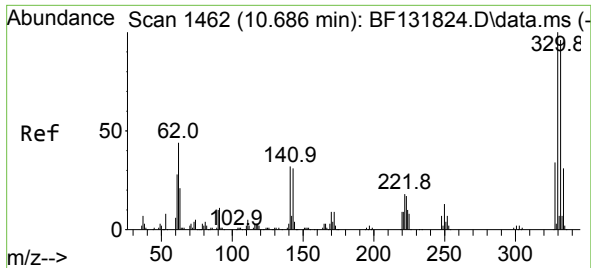
Tgt Ion: 82 Resp: 393384
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF131851.D
Acq: 27 Dec 2022 22:38

Tgt Ion:164 Resp: 103530
Ion Ratio Lower Upper
164 100
162 101.7 81.8 122.6
160 44.2 35.7 53.5

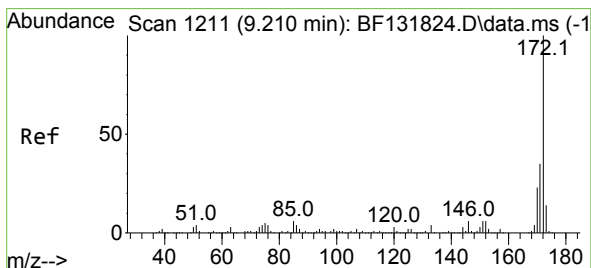
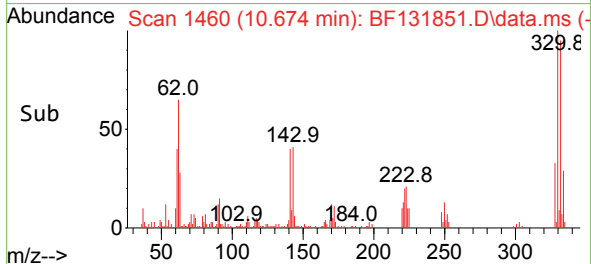
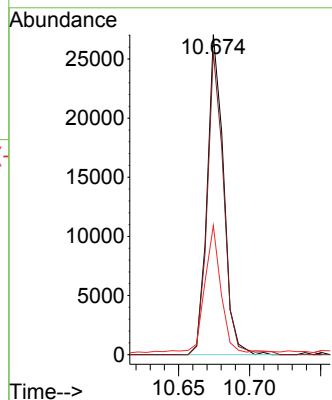
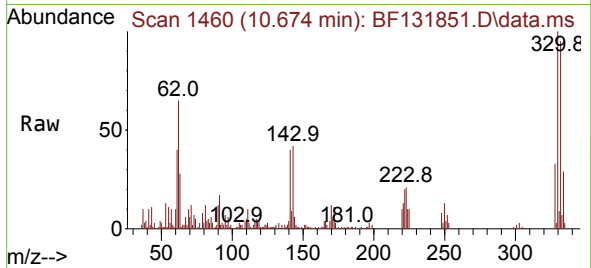




#42
2,4,6-Tribromophenol
Concen: 19.210 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF131851.D
Acq: 27 Dec 2022 22:38

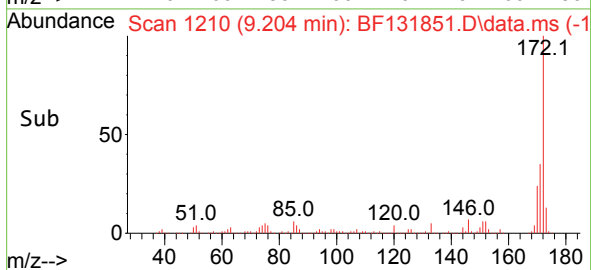
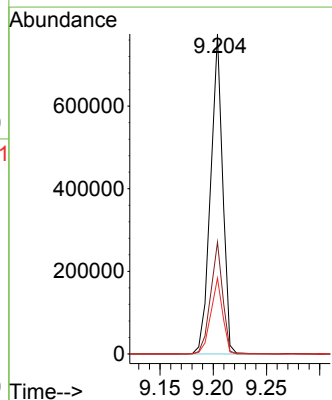
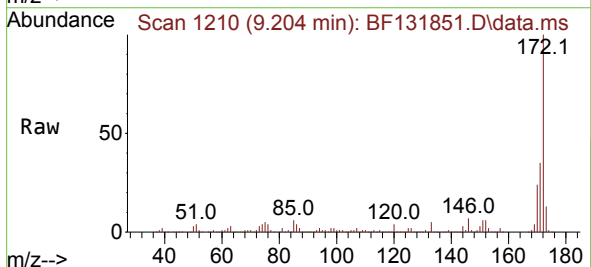
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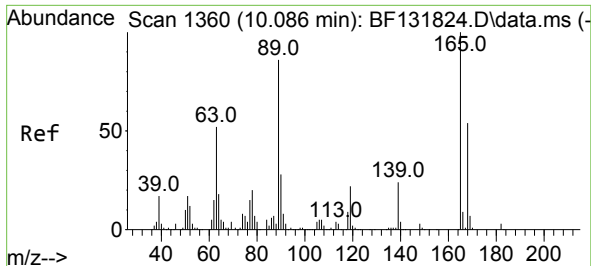
Tgt Ion: 330 Resp: 21608
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.4
141 39.0 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 81.335 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF131851.D
Acq: 27 Dec 2022 22:38

Tgt Ion: 172 Resp: 614763
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.7 18.7 28.1

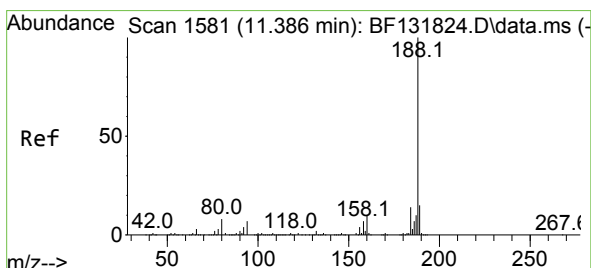
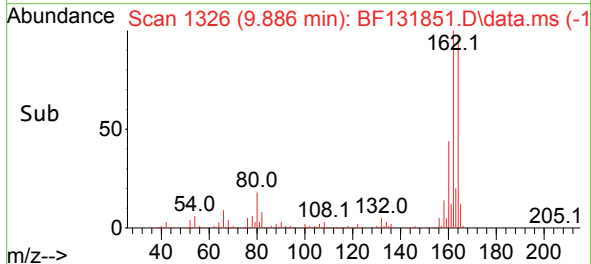
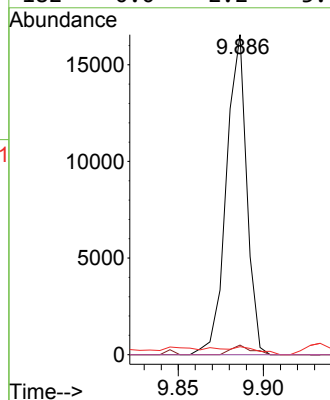
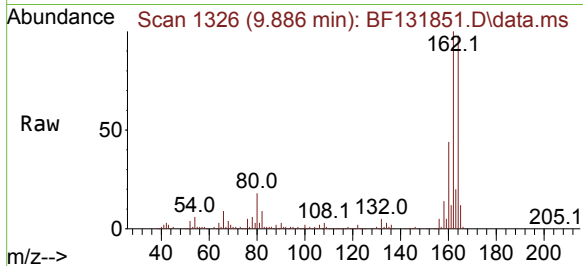




#57
2,4-Dinitrotoluene
Concen: 5.944 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131851.D
Acq: 27 Dec 2022 22:38

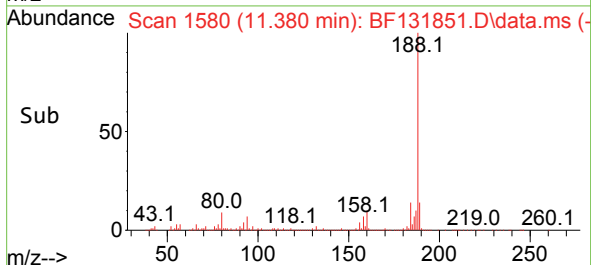
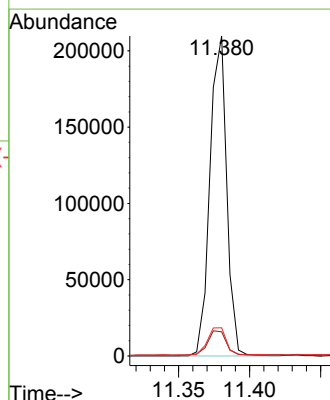
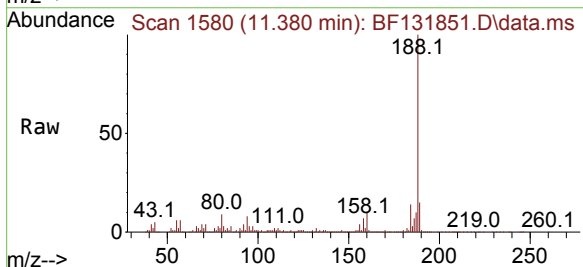
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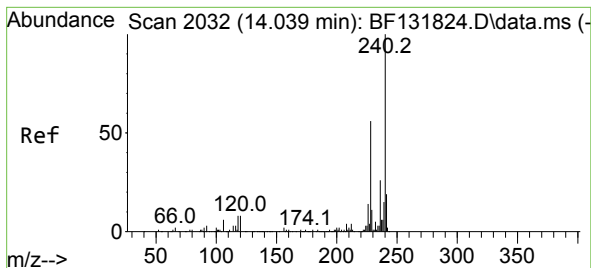
Tgt Ion:165 Resp: 13783
Ion Ratio Lower Upper
165 100
63 3.0 42.1 63.1#
89 2.5 69.1 103.7#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF131851.D
Acq: 27 Dec 2022 22:38

Tgt Ion:188 Resp: 172795
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 8.8 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF131851.D

Acq: 27 Dec 2022 22:38

Instrument :

BNA_F

ClientSampleId :

MGC-COMP-1

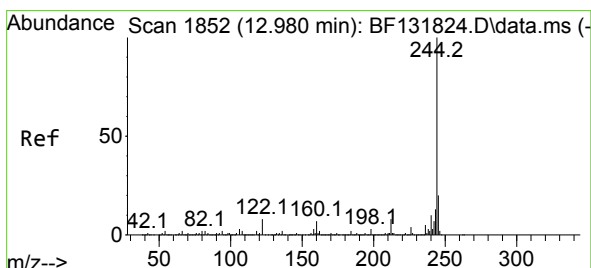
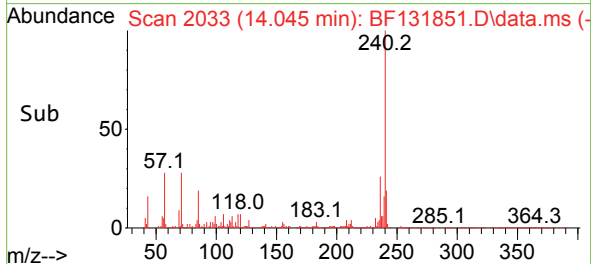
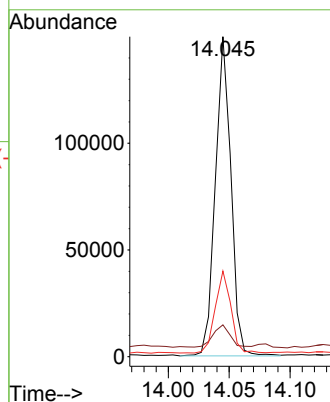
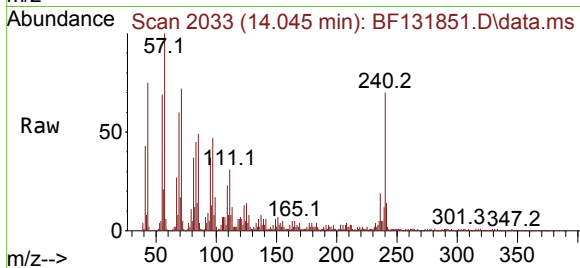
Tgt Ion:240 Resp: 133154

Ion Ratio Lower Upper

240 100

120 9.9 6.7 10.1

236 26.7 20.6 31.0



#79

Terphenyl-d14

Concen: 72.032 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BF131851.D

Acq: 27 Dec 2022 22:38

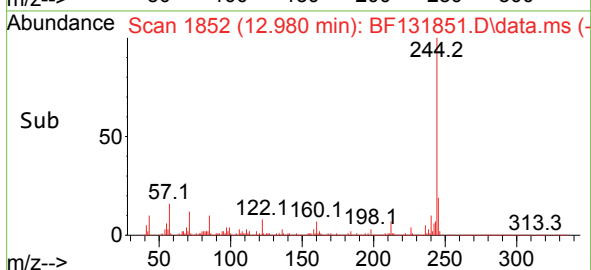
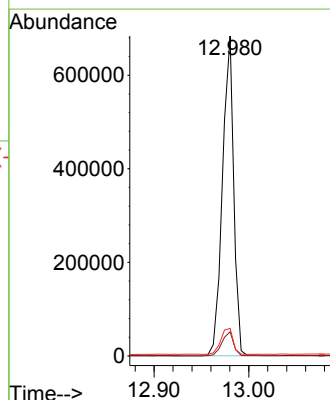
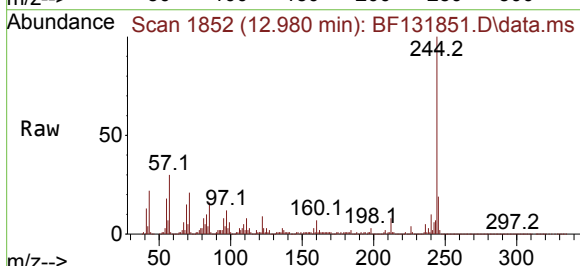
Tgt Ion:244 Resp: 567023

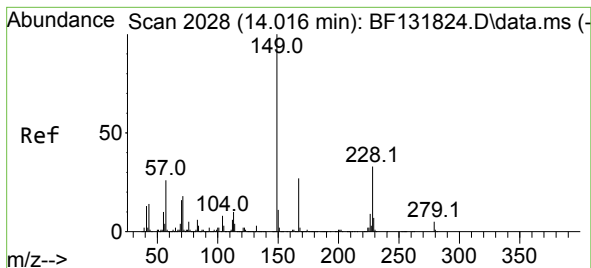
Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

122 8.6 6.4 9.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 48.746 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF131851.D

Acq: 27 Dec 2022 22:38

Instrument :

BNA_F

ClientSampleId :

MGC-COMP-1

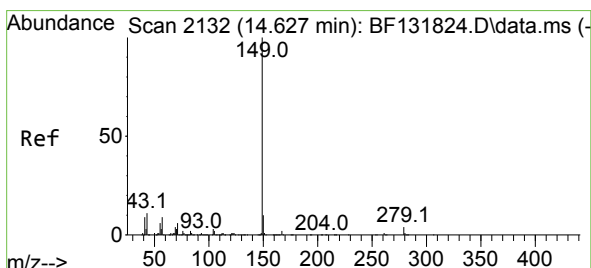
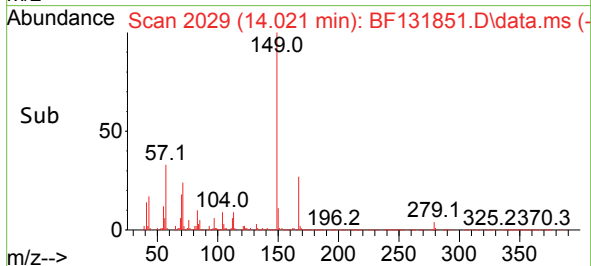
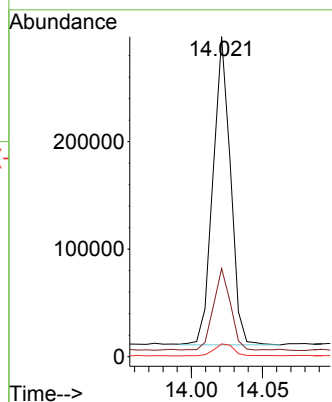
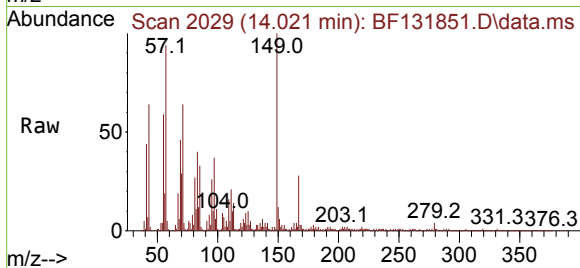
Tgt Ion:149 Resp: 245691

Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.6

279 4.0 3.9 5.9



#85

Di-n-octyl phthalate

Concen: 2.611 ng

RT: 14.639 min Scan# 2134

Delta R.T. 0.012 min

Lab File: BF131851.D

Acq: 27 Dec 2022 22:38

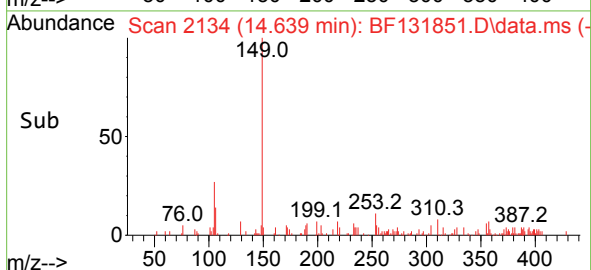
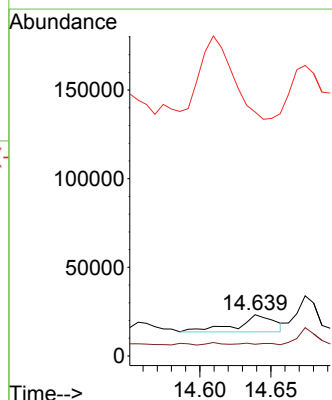
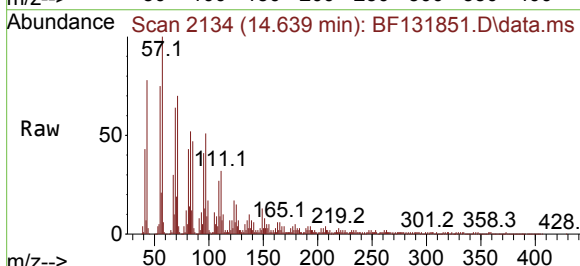
Tgt Ion:149 Resp: 17717

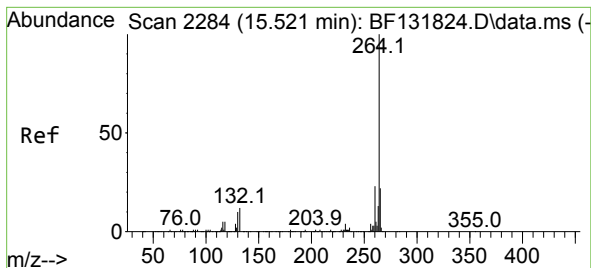
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 8.1 12.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF131851.D

Acq: 27 Dec 2022 22:38

Instrument :

BNA_F

ClientSampleId :

MGC-COMP-1

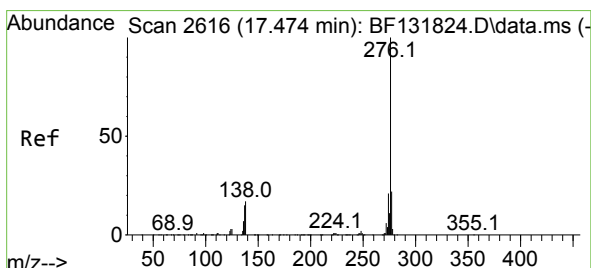
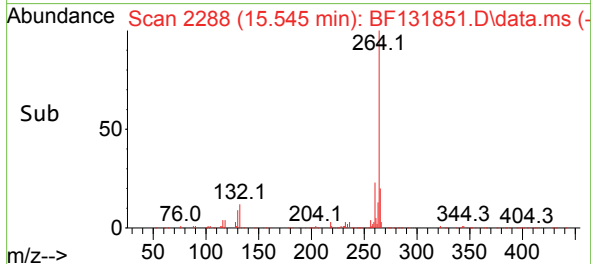
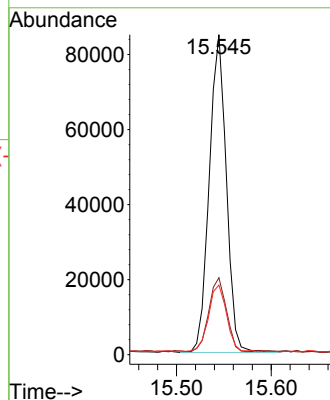
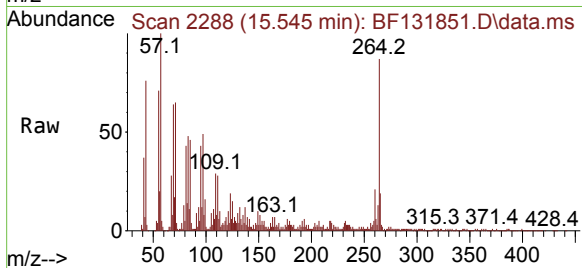
Tgt Ion:264 Resp: 106022

Ion Ratio Lower Upper

264 100

260 24.1 18.6 28.0

265 21.7 17.4 26.0



#92

Benzo(g,h,i)perylene

Concen: 5.590 ng

RT: 17.498 min Scan# 2620

Delta R.T. 0.024 min

Lab File: BF131851.D

Acq: 27 Dec 2022 22:38

Tgt Ion:276 Resp: 2512

Ion Ratio Lower Upper

276 100

277 62.0 17.9 26.9#

138 77.7 13.7 20.5#

