

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
 Data File : BF131534.D
 Acq On : 06 Dec 2022 18:55
 Operator : CG\JU
 Sample : N5793-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-40-SB01

Quant Time: Dec 07 03:24:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 01:30:30 2022
 Response via : Initial Calibration

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

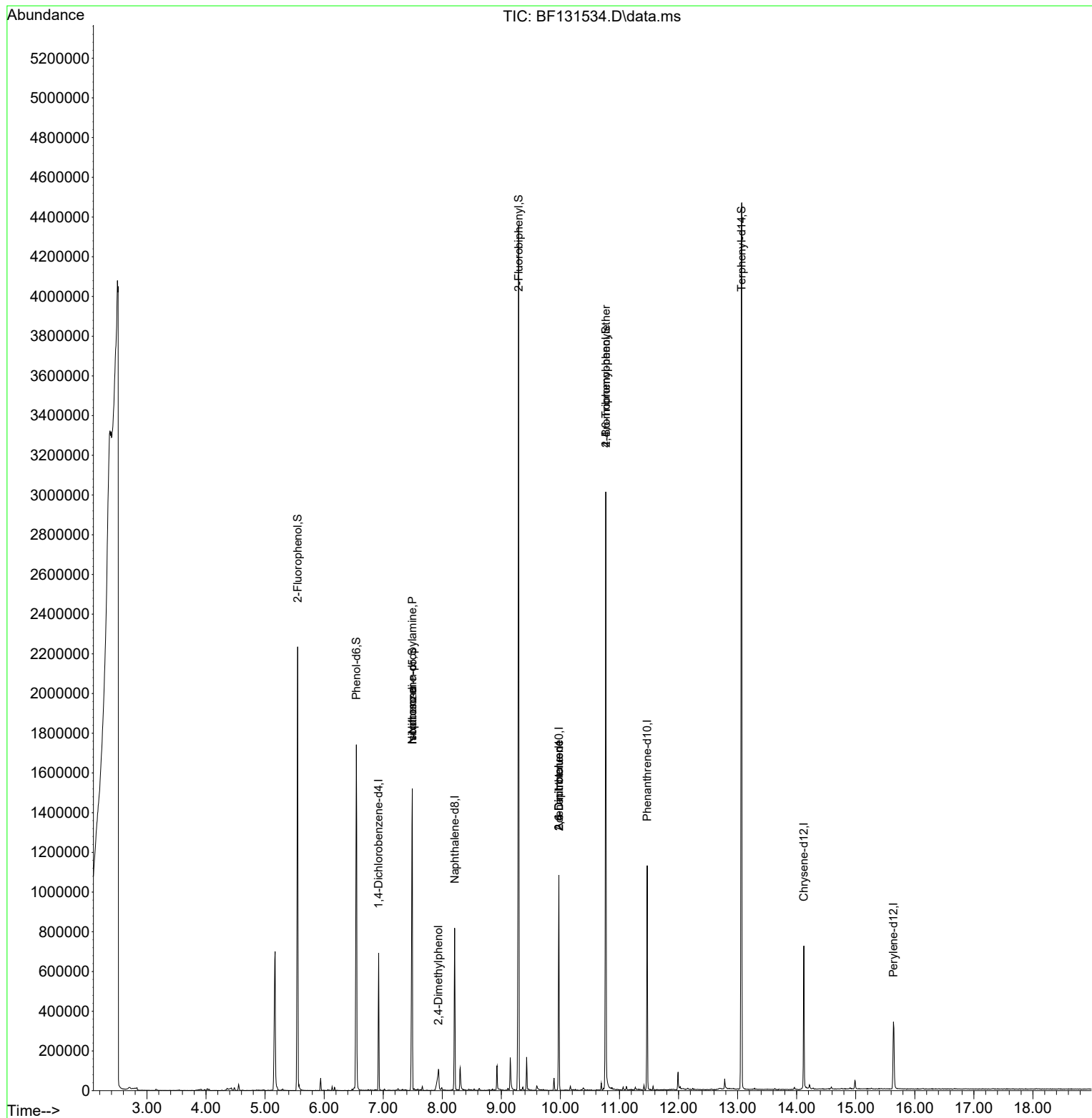
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	94058	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	346204	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	200776	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	391082	20.000	ng	0.00
76) Chrysene-d12	14.121	240	230229	20.000	ng	0.00
86) Perylene-d12	15.639	264	184466	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	655685	119.044	ng	0.02
7) Phenol-d6	6.545	99	706297	102.689	ng	0.00
23) Nitrobenzene-d5	7.492	82	541293	71.759	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	412487	180.432	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1335309	87.248	ng	0.00
79) Terphenyl-d14	13.069	244	1722692	112.999	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	73547	15.800	ng	# 76
25) Isophorone	7.492	82	540166	46.036	ng	# 67
27) 2,4-Dimethylphenol	7.934	122	40846	8.928	ng	# 1
51) 2,6-Dinitrotoluene	9.975	165	25947	8.368	ng	# 21
57) 2,4-Dinitrotoluene	9.975	165	25947	6.378	ng	# 16
67) 4-Bromophenyl-phenylether	10.769	248	24832	5.075	ng	# 1
85) Di-n-octyl phthalate	14.710	149	345	Below Cal		# 78

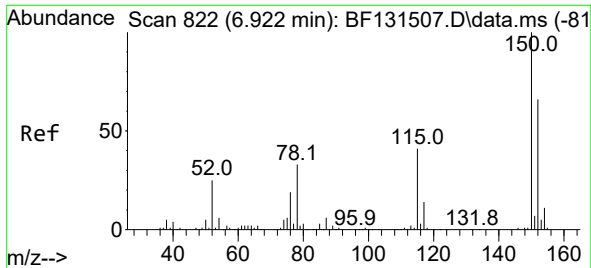
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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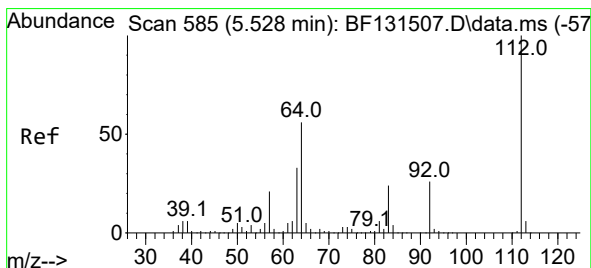
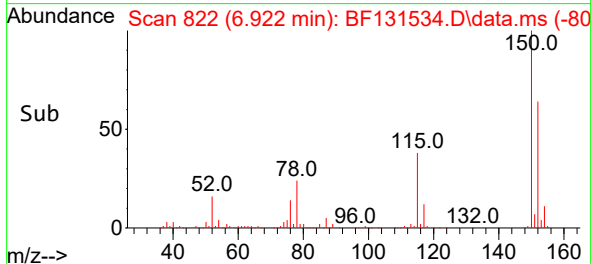
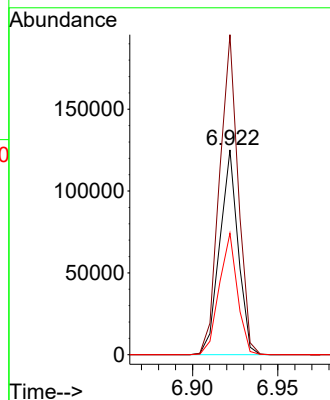
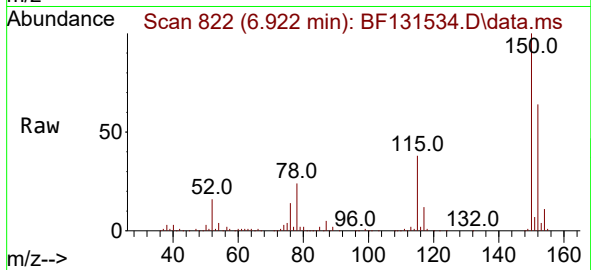




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131534.D
Acq: 06 Dec 2022 18:55

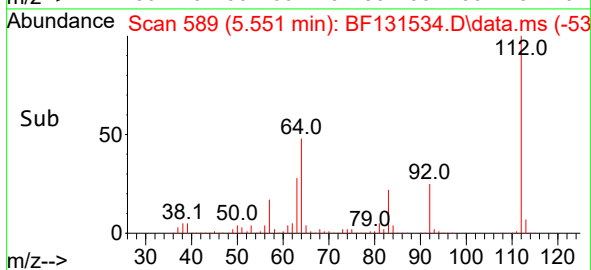
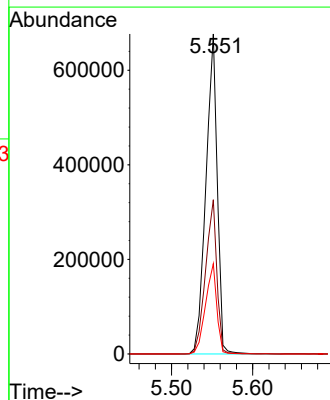
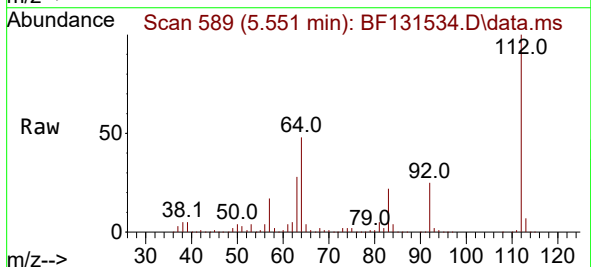
Instrument :
BNA_F
ClientSampleId :
B-40-SB01

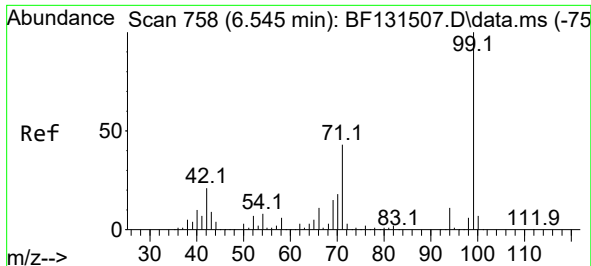
Tgt Ion:152 Resp: 94058
Ion Ratio Lower Upper
152 100
150 156.3 121.9 182.9
115 59.3 50.4 75.6



#5
2-Fluorophenol
Concen: 119.044 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.024 min
Lab File: BF131534.D
Acq: 06 Dec 2022 18:55

Tgt Ion:112 Resp: 655685
Ion Ratio Lower Upper
112 100
64 48.2 44.5 66.7
63 28.2 26.7 40.1

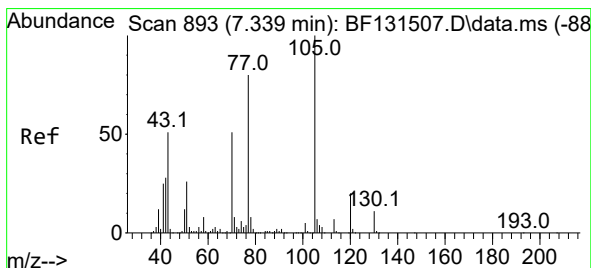
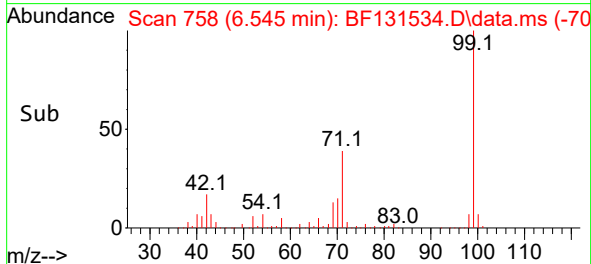
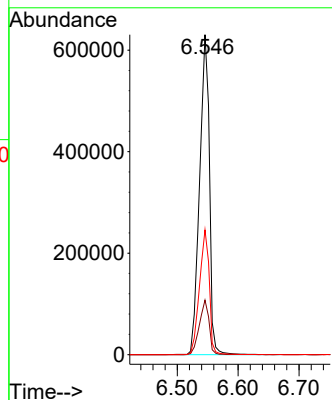
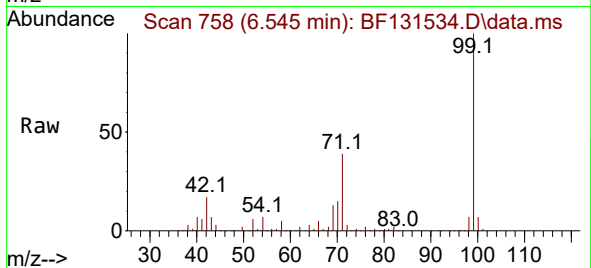




#7
Phenol-d6
Concen: 102.689 ng
RT: 6.545 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131534.D
Acq: 06 Dec 2022 18:55

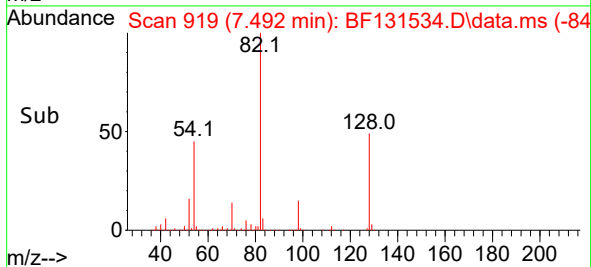
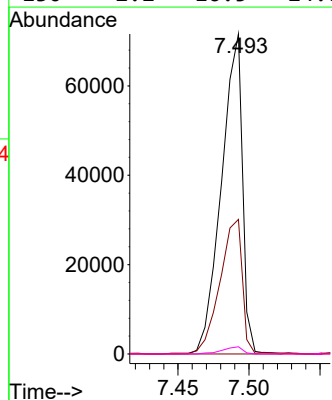
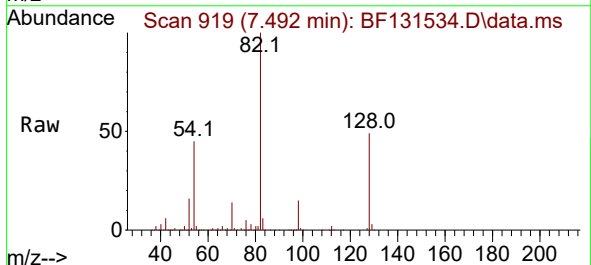
Instrument :
BNA_F
ClientSampleId :
B-40-SB01

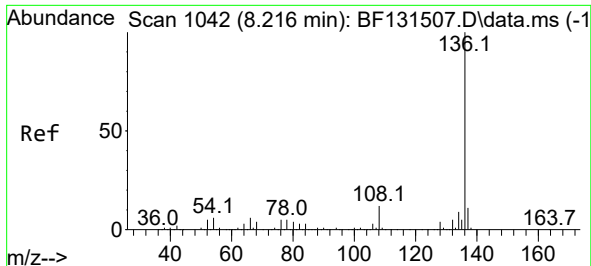
Tgt Ion: 99 Resp: 706297
Ion Ratio Lower Upper
99 100
42 17.1 16.6 25.0
71 39.0 34.4 51.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.800 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.153 min
Lab File: BF131534.D
Acq: 06 Dec 2022 18:55

Tgt Ion: 70 Resp: 73547
Ion Ratio Lower Upper
70 100
42 42.0 44.1 66.1#
101 0.0 7.7 11.5#
130 2.2 16.5 24.7#

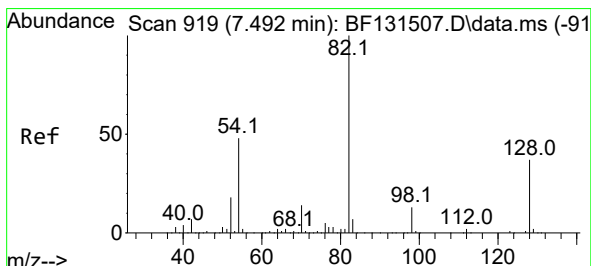
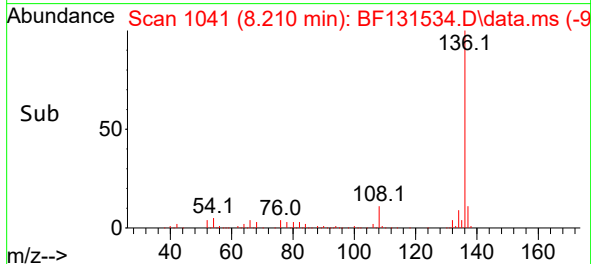
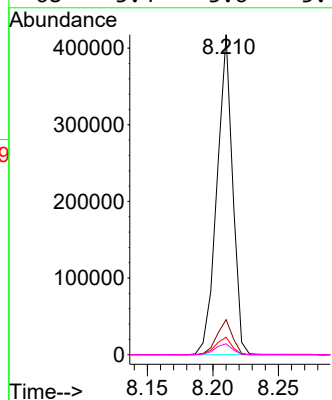
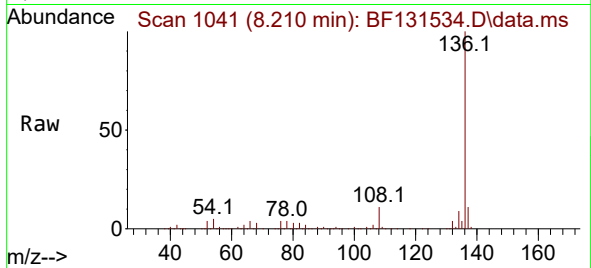




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131534.D
Acq: 06 Dec 2022 18:55

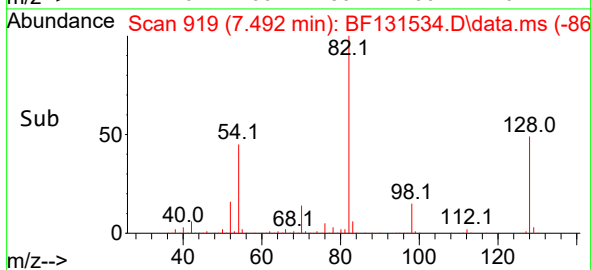
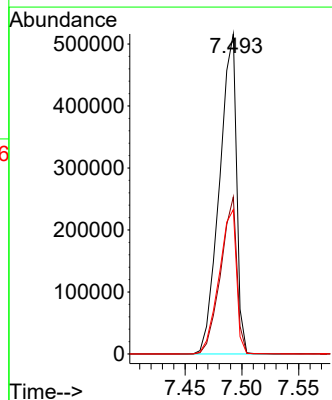
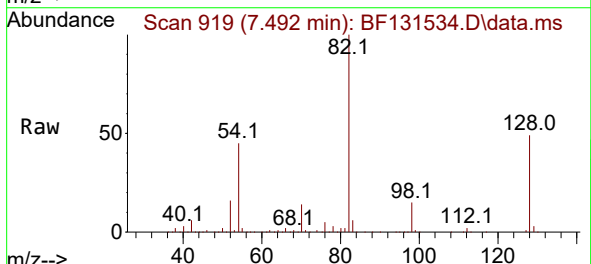
Instrument :
BNA_F
ClientSampleId :
B-40-SB01

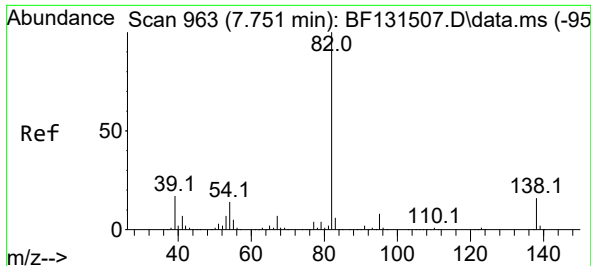
Tgt Ion:136 Resp: 346204
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.5 5.0 7.6
68 3.4 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 71.759 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF131534.D
Acq: 06 Dec 2022 18:55

Tgt Ion: 82 Resp: 541293
Ion Ratio Lower Upper
82 100
128 49.1 29.7 44.5#
54 45.1 38.7 58.1

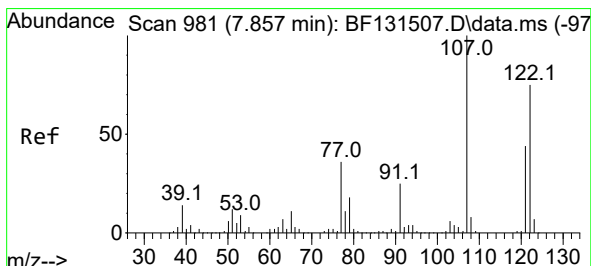
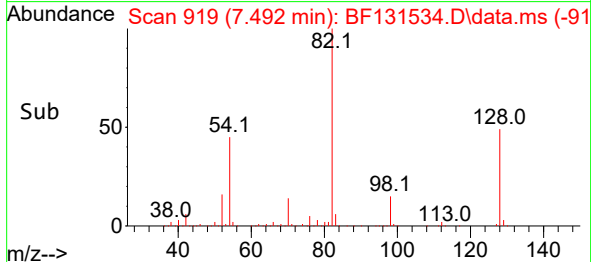
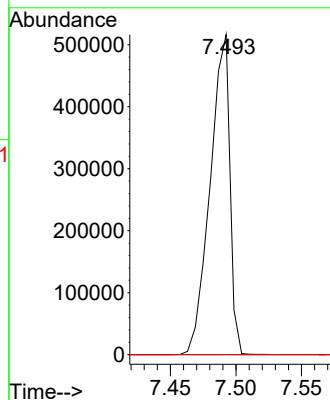
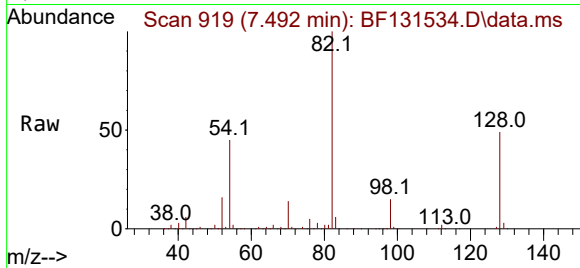




#25
Isophorone
Concen: 46.036 ng
RT: 7.492 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131534.D
Acq: 06 Dec 2022 18:55

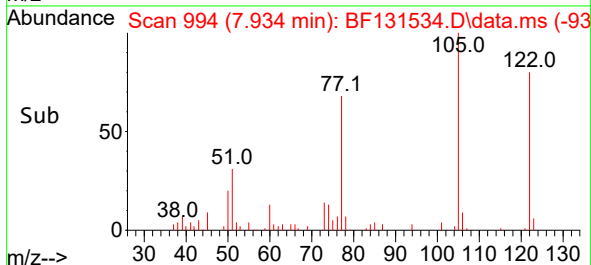
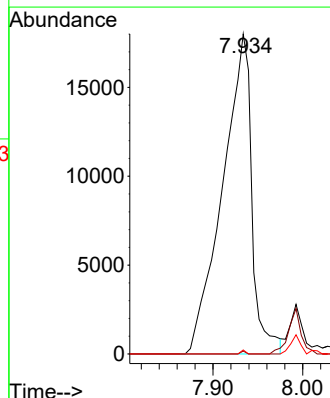
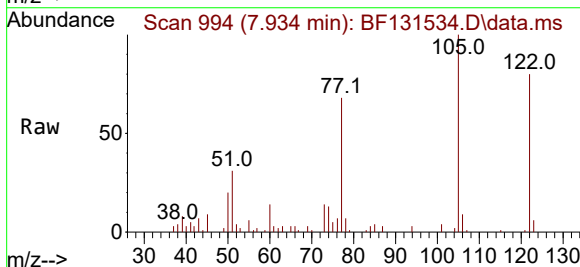
Instrument :
BNA_F
ClientSampleId :
B-40-SB01

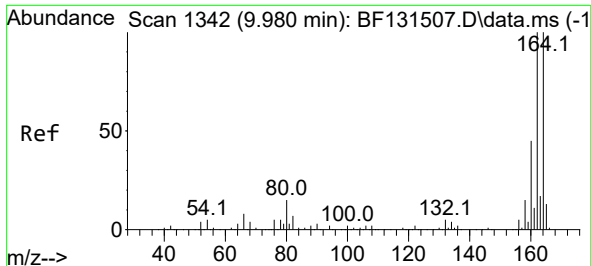
Tgt Ion: 82 Resp: 540166
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 12.7 19.1#



#27
2,4-Dimethylphenol
Concen: 8.928 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.077 min
Lab File: BF131534.D
Acq: 06 Dec 2022 18:55

Tgt Ion:122 Resp: 40846
Ion Ratio Lower Upper
122 100
107 0.9 106.8 160.2#
121 1.3 47.3 70.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.975 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF131534.D

Acq: 06 Dec 2022 18:55

Instrument :

BNA_F

ClientSampleId :

B-40-SB01

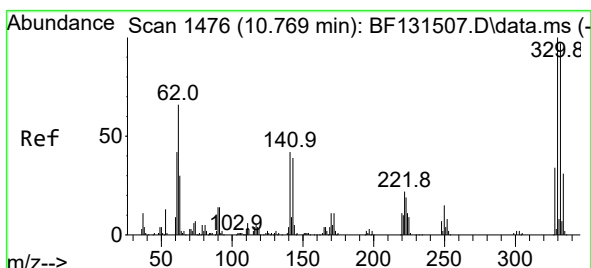
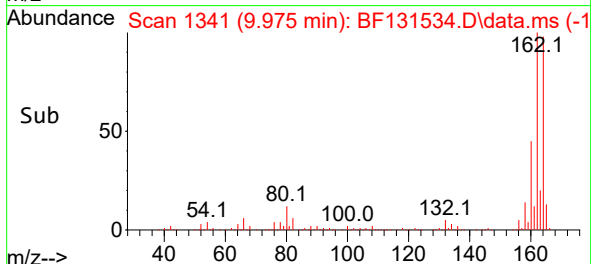
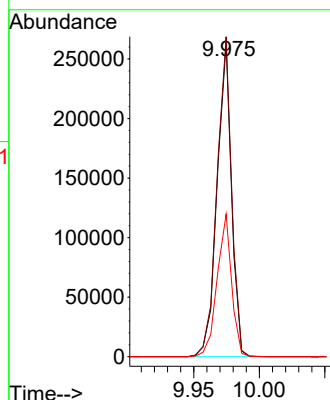
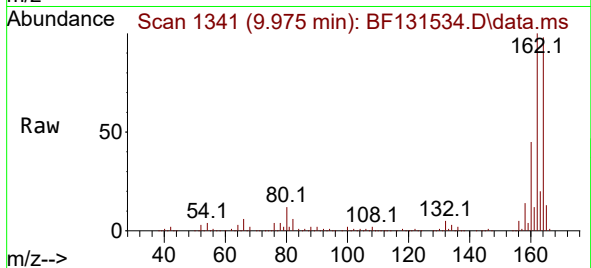
Tgt Ion:164 Resp: 200776

Ion Ratio Lower Upper

164 100

162 102.2 80.1 120.1

160 45.6 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 180.432 ng

RT: 10.769 min Scan# 1476

Delta R.T. -0.000 min

Lab File: BF131534.D

Acq: 06 Dec 2022 18:55

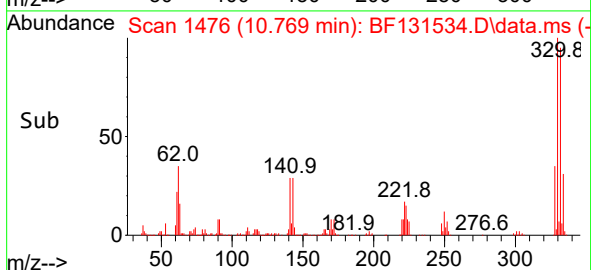
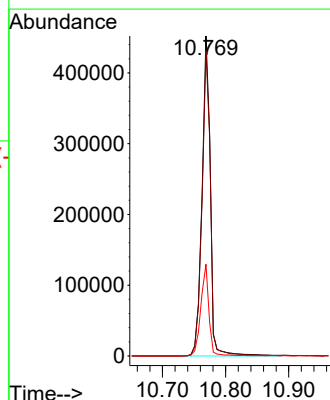
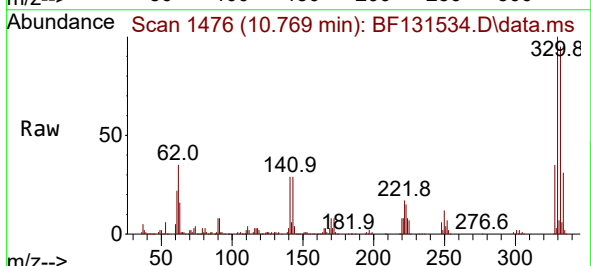
Tgt Ion:330 Resp: 412487

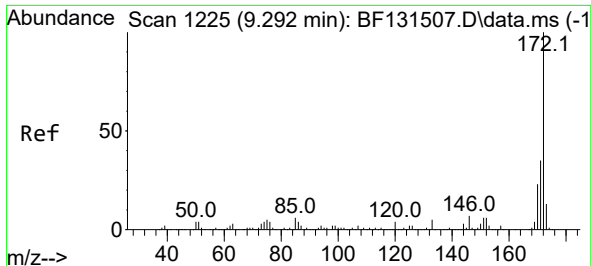
Ion Ratio Lower Upper

330 100

332 96.6 78.2 117.2

141 28.2 29.1 43.7#





#45

2-Fluorobiphenyl

Concen: 87.248 ng

RT: 9.292 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131534.D

Acq: 06 Dec 2022 18:55

Instrument :

BNA_F

ClientSampleId :

B-40-SB01

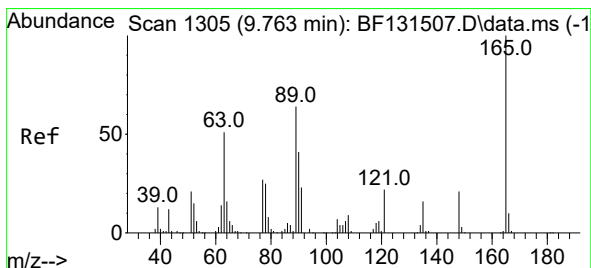
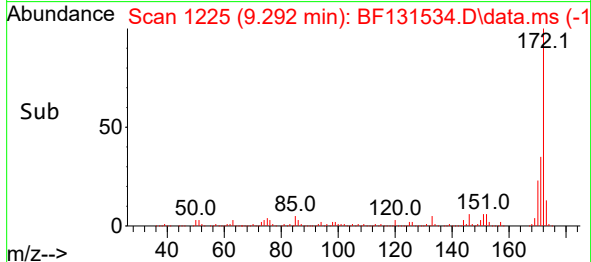
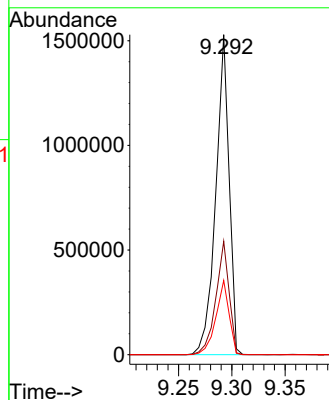
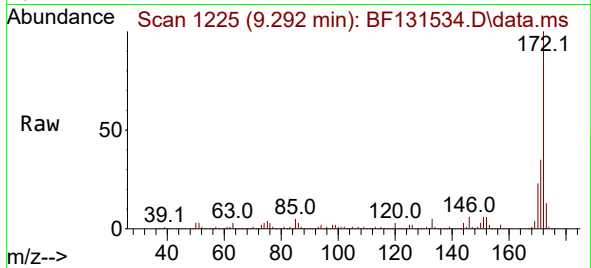
Tgt Ion:172 Resp: 1335309

Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.8

170 23.2 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 8.368 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.212 min

Lab File: BF131534.D

Acq: 06 Dec 2022 18:55

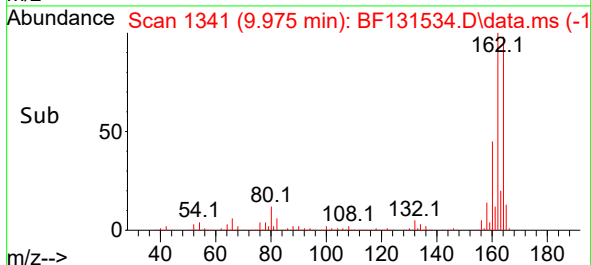
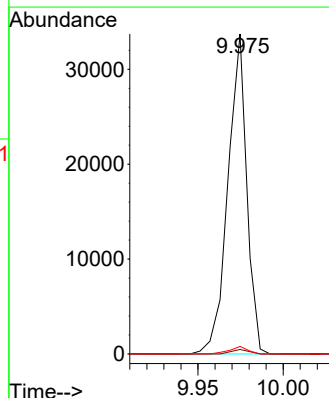
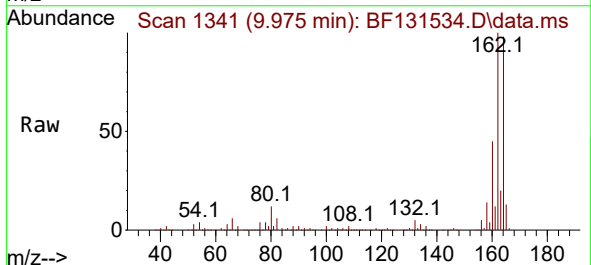
Tgt Ion:165 Resp: 25947

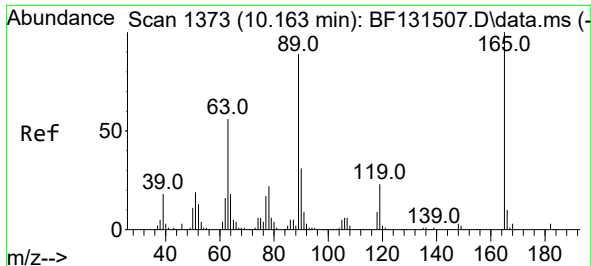
Ion Ratio Lower Upper

165 100

63 1.4 50.1 75.1#

89 2.3 51.3 76.9#

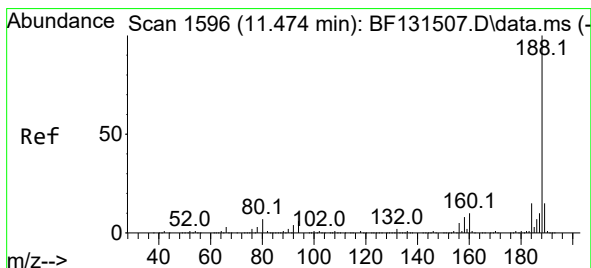
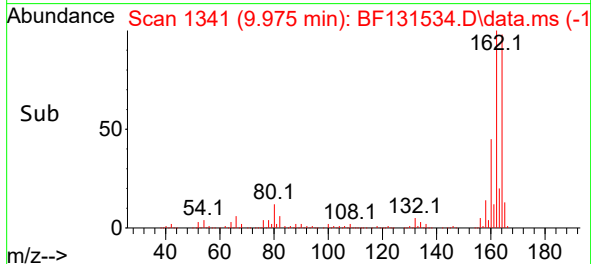
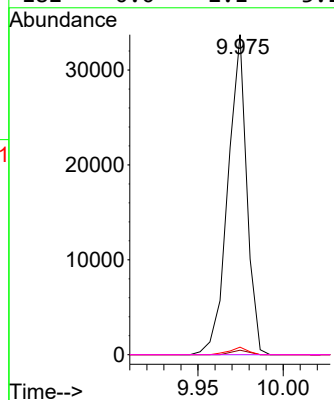
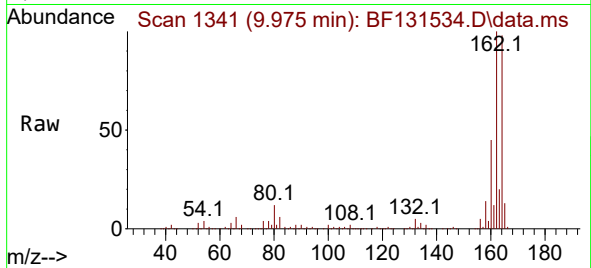




#57
2,4-Dinitrotoluene
Concen: 6.378 ng
RT: 9.975 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF131534.D
Acq: 06 Dec 2022 18:55

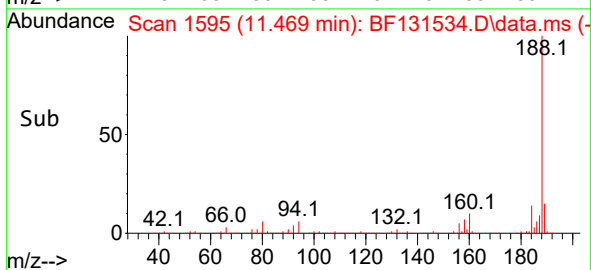
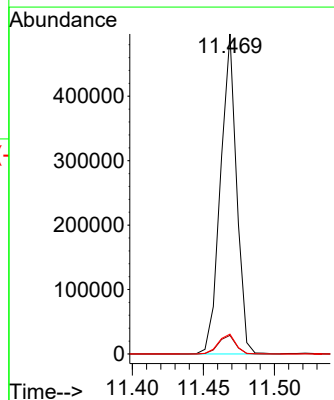
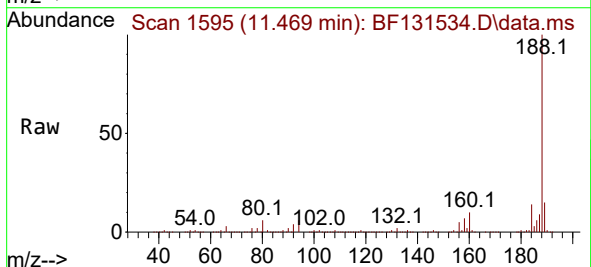
Instrument :
BNA_F
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B-40-SB01

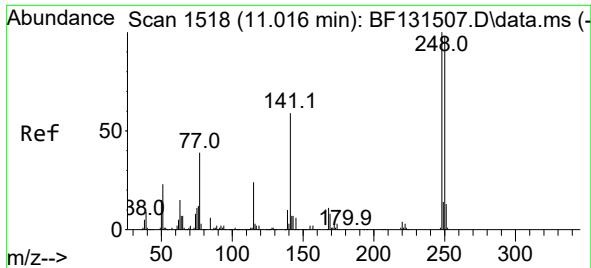
Tgt Ion:165 Resp: 25947
Ion Ratio Lower Upper
165 100
63 1.4 45.3 67.9#
89 2.3 71.0 106.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF131534.D
Acq: 06 Dec 2022 18:55

Tgt Ion:188 Resp: 391082
Ion Ratio Lower Upper
188 100
94 5.8 5.1 7.7
80 6.2 5.9 8.9

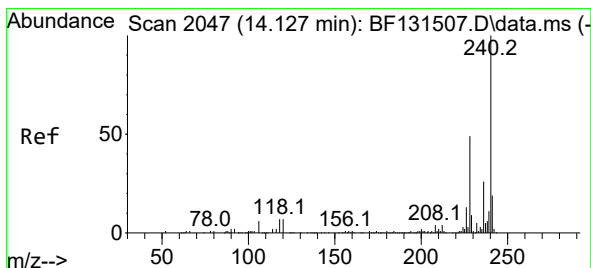
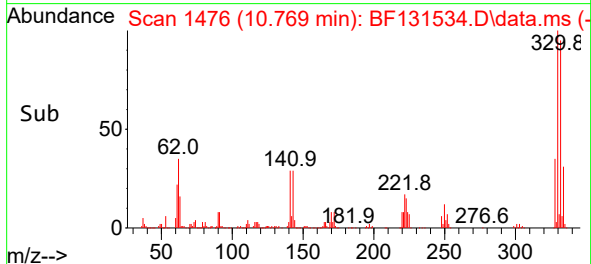
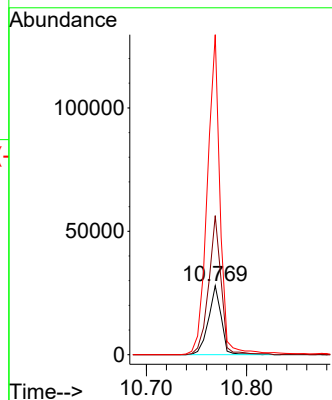
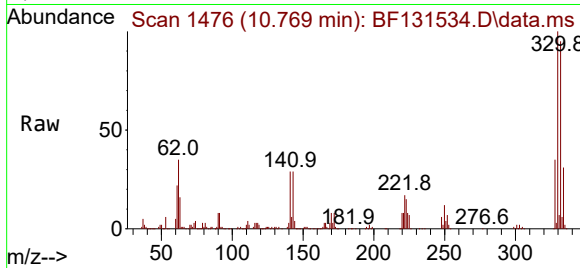




#67
4-Bromophenyl-phenylether
Concen: 5.075 ng
RT: 10.769 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF131534.D
Acq: 06 Dec 2022 18:55

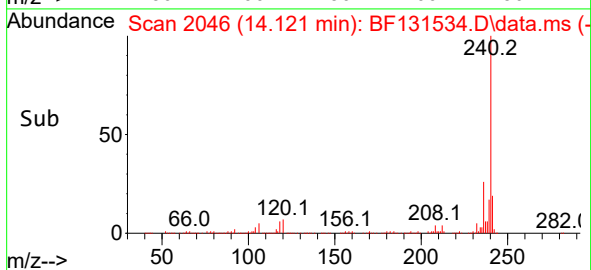
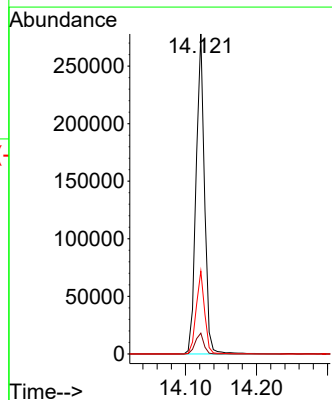
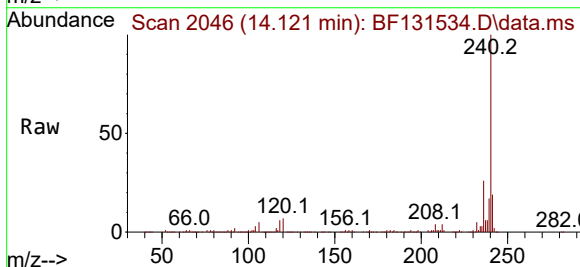
Instrument :
BNA_F
ClientSampleId :
B-40-SB01

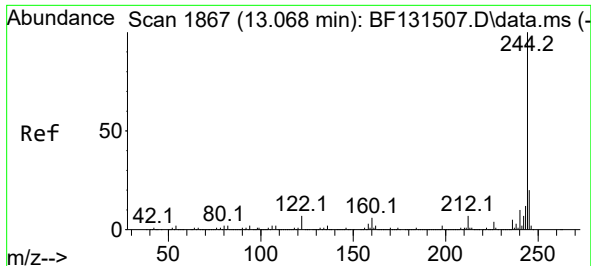
Tgt Ion:248 Resp: 24832
Ion Ratio Lower Upper
248 100
250 201.5 78.6 117.8#
141 463.6 47.1 70.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF131534.D
Acq: 06 Dec 2022 18:55

Tgt Ion:240 Resp: 230229
Ion Ratio Lower Upper
240 100
120 6.5 5.6 8.4
236 25.9 20.6 31.0

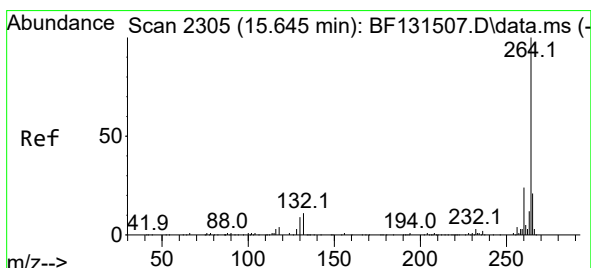
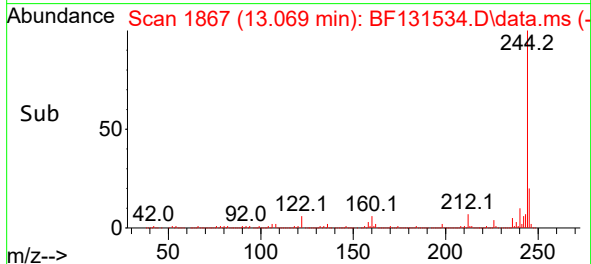
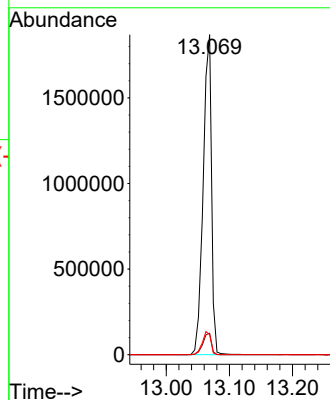
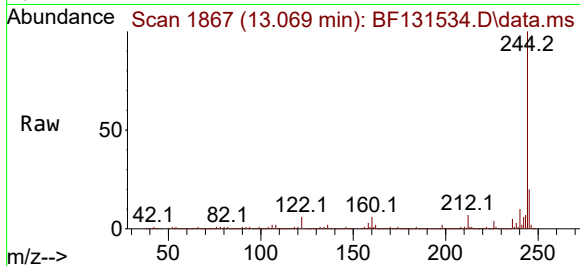




#79
 Terphenyl-d14
 Concen: 112.999 ng
 RT: 13.069 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: BF131534.D
 Acq: 06 Dec 2022 18:55

Instrument :
 BNA_F
 ClientSampleId :
 B-40-SB01

Tgt Ion:244 Resp: 1722692
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 6.3 5.4 8.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF131534.D
 Acq: 06 Dec 2022 18:55

Tgt Ion:264 Resp: 184466
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 20.4 17.0 25.4

