

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
 Data File : BF131536.D
 Acq On : 06 Dec 2022 20:00
 Operator : CG\JU
 Sample : N5870-02RX
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ML-2

Quant Time: Dec 07 03:24:36 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)

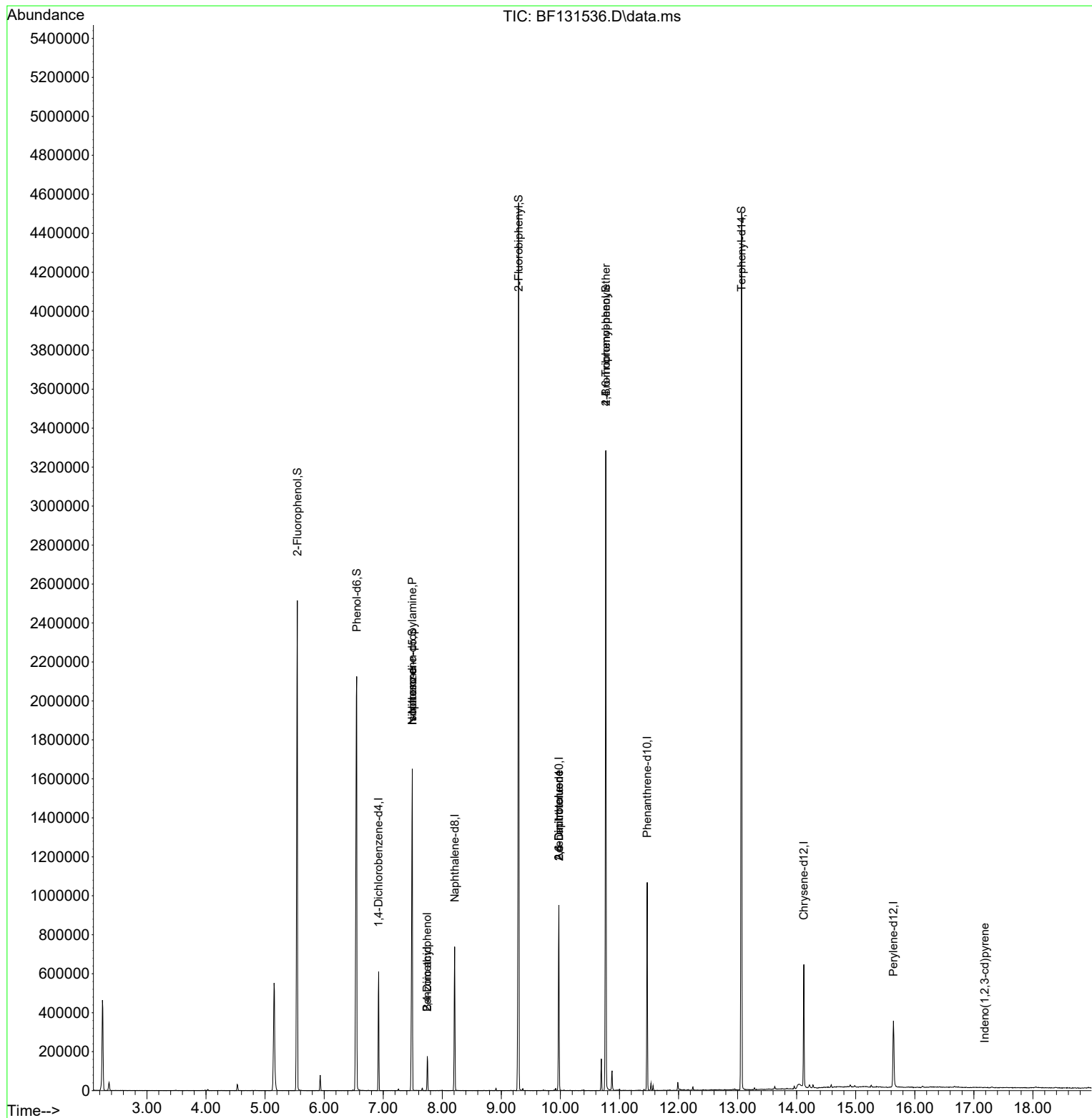
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	88010	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	318625	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	187290	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	373464	20.000	ng	0.00
76) Chrysene-d12	14.121	240	206265	20.000	ng	0.00
86) Perylene-d12	15.639	264	174313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	787153	152.734	ng	0.02
7) Phenol-d6	6.551	99	944841	146.811	ng	0.00
23) Nitrobenzene-d5	7.492	82	587724	84.658	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	431292	202.243	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1422871	99.664	ng	0.00
79) Terphenyl-d14	13.069	244	1707200	124.993	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	80833	18.558	ng	# 77
25) Isophorone	7.492	82	586634	54.323	ng	# 67
27) 2,4-Dimethylphenol	7.745	122	11250	2.672	ng	# 8
32) Benzoic acid	7.745	122	11250	4.430	ng	# 1
51) 2,6-Dinitrotoluene	9.975	165	24019	8.304	ng	# 20
57) 2,4-Dinitrotoluene	9.975	165	24019	6.329	ng	# 15
67) 4-Bromophenyl-phenylether	10.769	248	27100	5.800	ng	# 1
85) Di-n-octyl phthalate	14.716	149	658	Below Cal		# 1
87) Indeno(1,2,3-cd)pyrene	17.186	276	143	3.033	ng	# 55

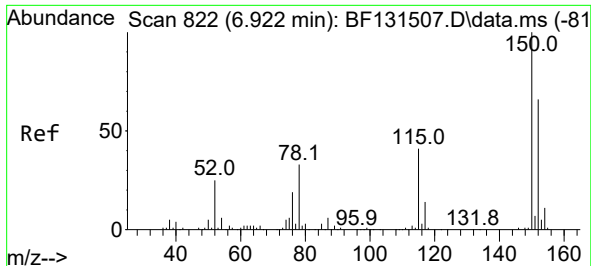
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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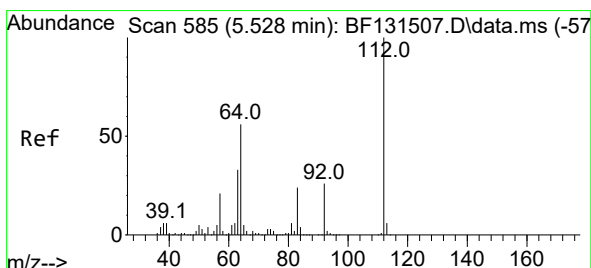
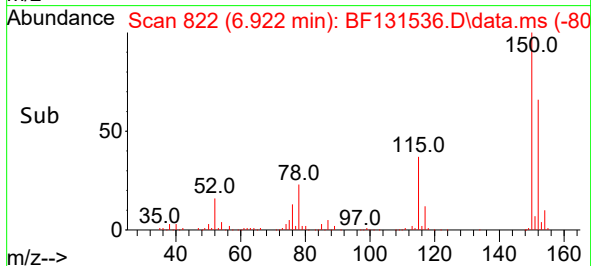
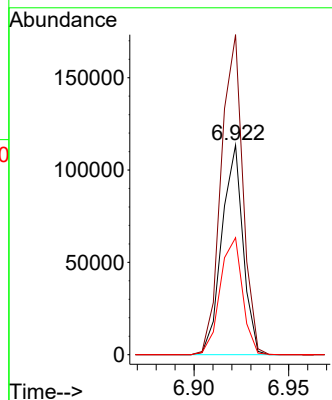
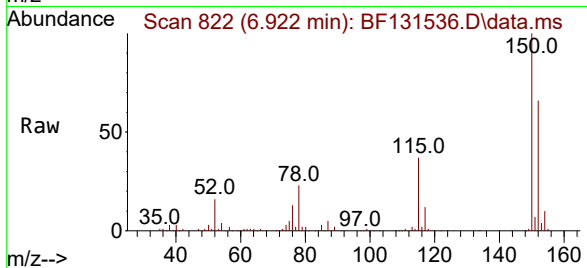




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131536.D
Acq: 06 Dec 2022 20:00

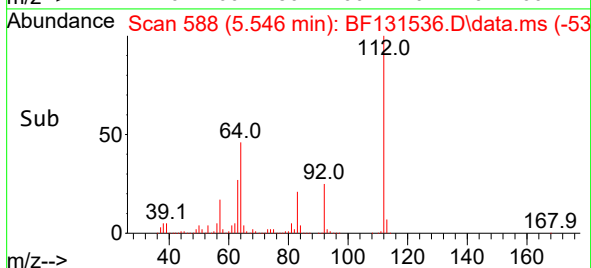
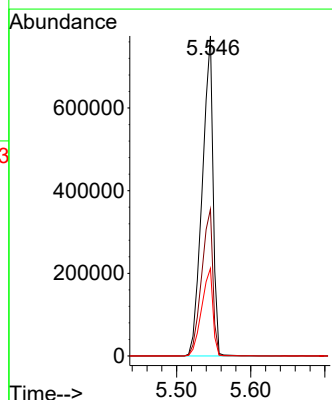
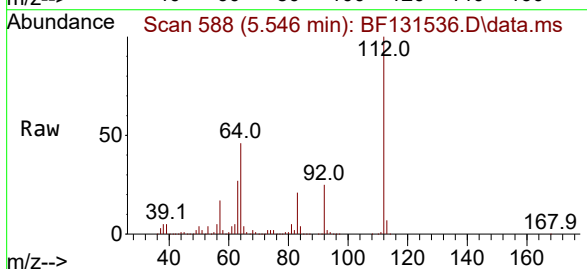
Instrument :
BNA_F
ClientSampleId :
ML-2

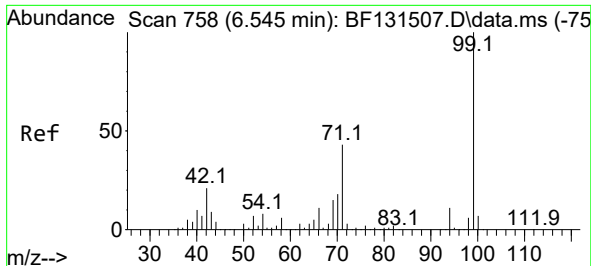
Tgt Ion:152 Resp: 88010
Ion Ratio Lower Upper
152 100
150 152.6 121.9 182.9
115 55.8 50.4 75.6



#5
2-Fluorophenol
Concen: 152.734 ng
RT: 5.546 min Scan# 588
Delta R.T. 0.018 min
Lab File: BF131536.D
Acq: 06 Dec 2022 20:00

Tgt Ion:112 Resp: 787153
Ion Ratio Lower Upper
112 100
64 45.8 44.5 66.7
63 27.4 26.7 40.1

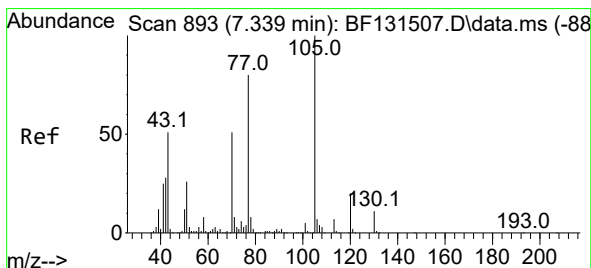
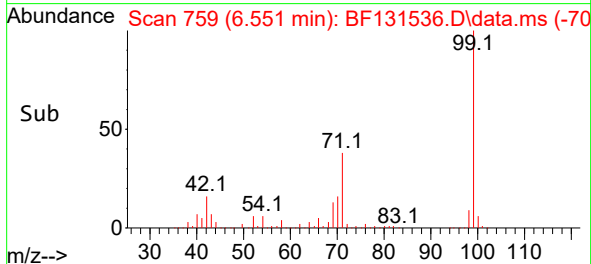
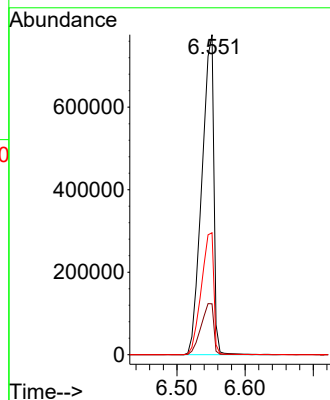
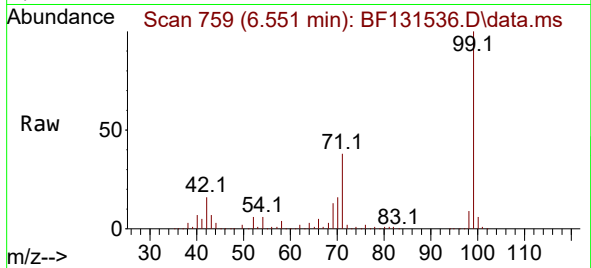




#7
Phenol-d6
Concen: 146.811 ng
RT: 6.551 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131536.D
Acq: 06 Dec 2022 20:00

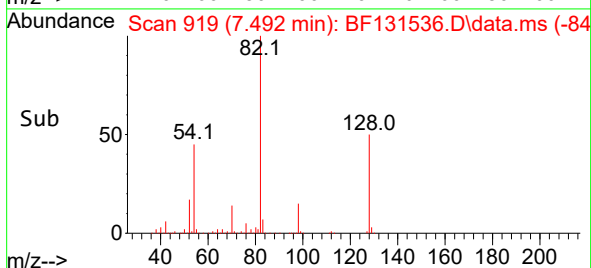
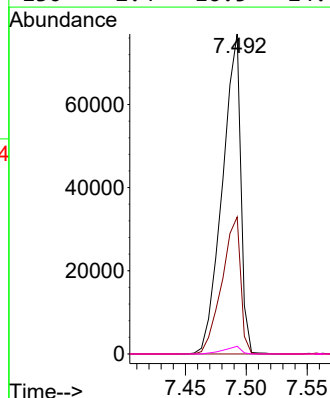
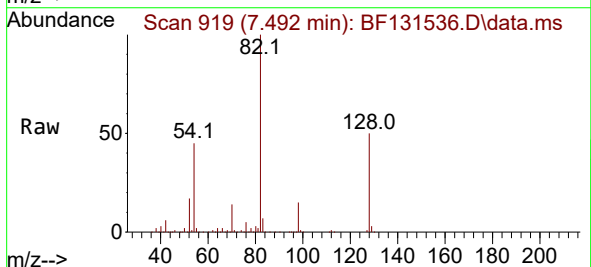
Instrument :
BNA_F
ClientSampleId :
ML-2

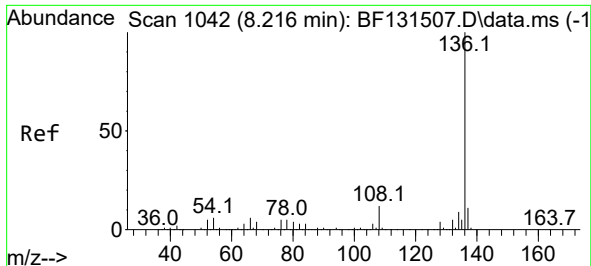
Tgt Ion: 99 Resp: 944841
Ion Ratio Lower Upper
99 100
42 15.9 16.6 25.0#
71 38.1 34.4 51.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.558 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.153 min
Lab File: BF131536.D
Acq: 06 Dec 2022 20:00

Tgt Ion: 70 Resp: 80833
Ion Ratio Lower Upper
70 100
42 42.8 44.1 66.1#
101 0.0 7.7 11.5#
130 2.4 16.5 24.7#

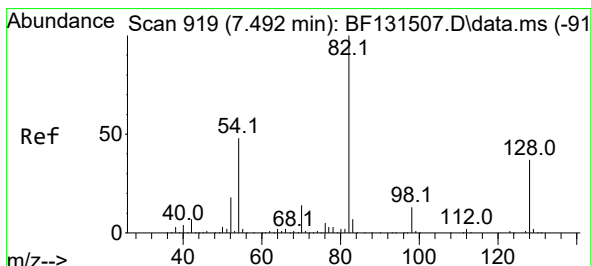
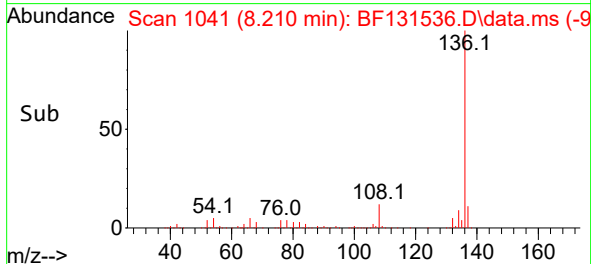
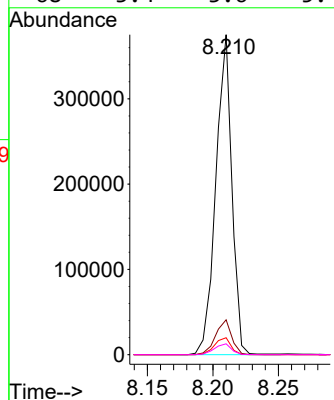
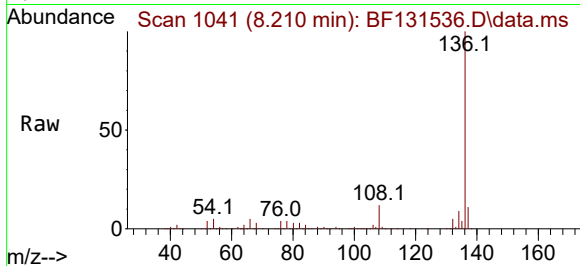




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131536.D
Acq: 06 Dec 2022 20:00

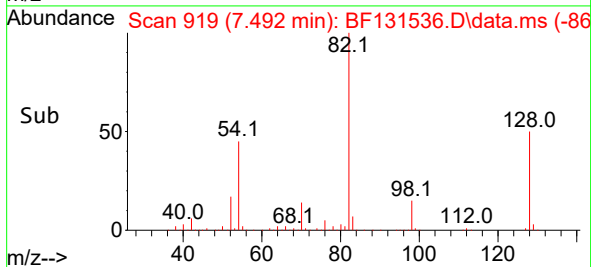
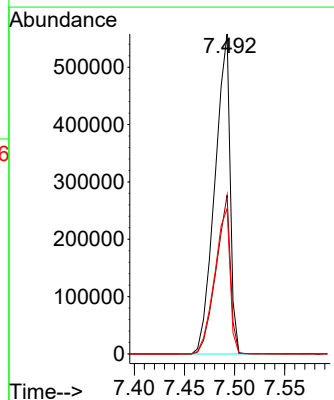
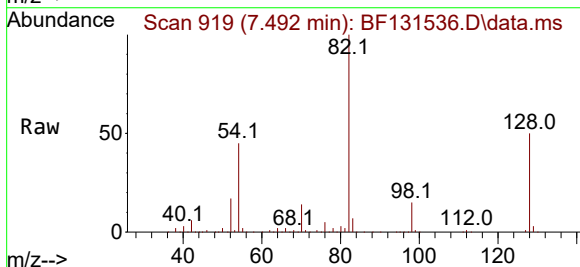
Instrument :
BNA_F
ClientSampleId :
ML-2

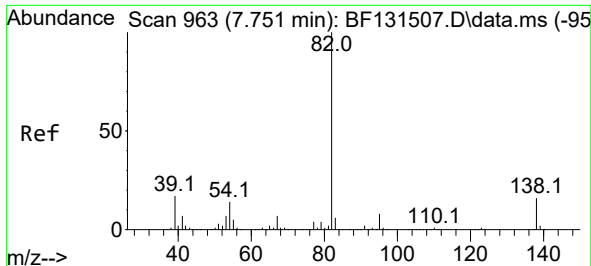
Tgt Ion:136 Resp: 318625
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 5.3 5.0 7.6
68 3.4 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 84.658 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF131536.D
Acq: 06 Dec 2022 20:00

Tgt Ion: 82 Resp: 587724
Ion Ratio Lower Upper
82 100
128 49.6 29.7 44.5#
54 45.4 38.7 58.1

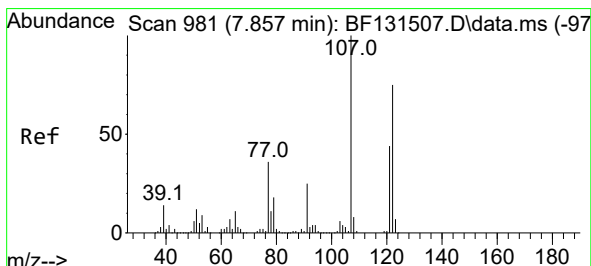
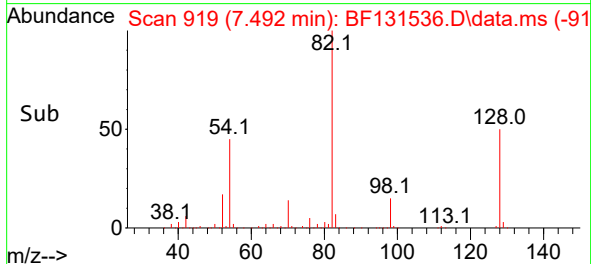
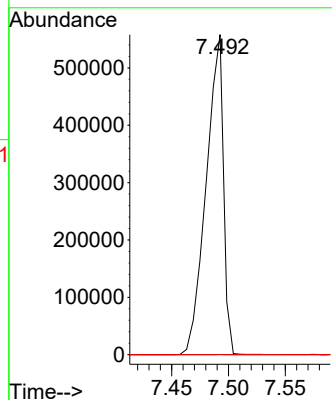
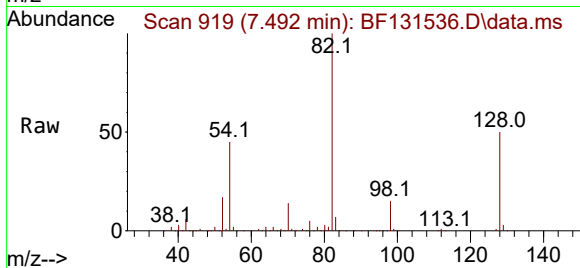




#25
Isophorone
Concen: 54.323 ng
RT: 7.492 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131536.D
Acq: 06 Dec 2022 20:00

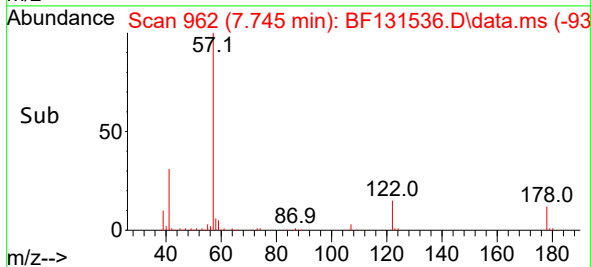
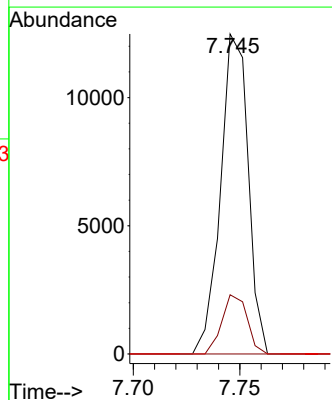
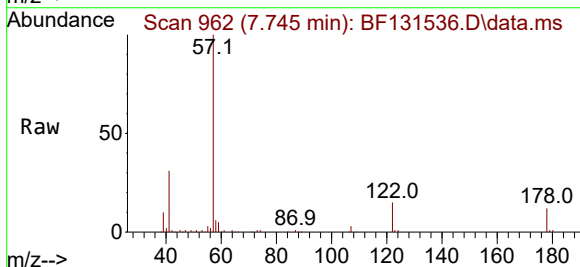
Instrument :
BNA_F
ClientSampleId :
ML-2

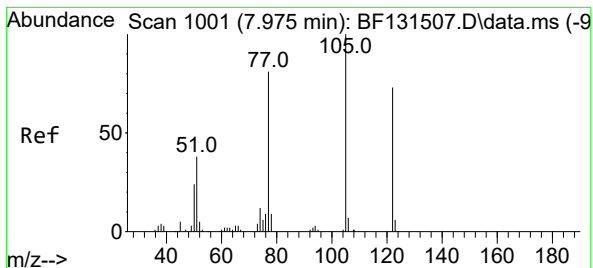
Tgt Ion: 82 Resp: 586634
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 12.7 19.1#



#27
2,4-Dimethylphenol
Concen: 2.672 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.112 min
Lab File: BF131536.D
Acq: 06 Dec 2022 20:00

Tgt Ion:122 Resp: 11250
Ion Ratio Lower Upper
122 100
107 18.5 106.8 160.2#
121 0.0 47.3 70.9#





#32

Benzoic acid

Concen: 4.430 ng

RT: 7.745 min Scan# 9

Delta R.T. -0.230 min

Lab File: BF131536.D

Acq: 06 Dec 2022 20:00

Instrument :

BNA_F

ClientSampleId :

ML-2

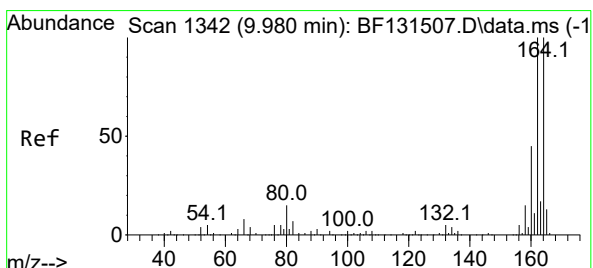
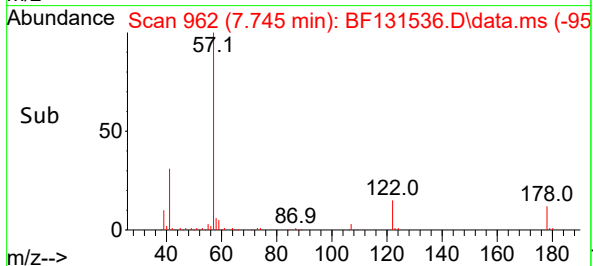
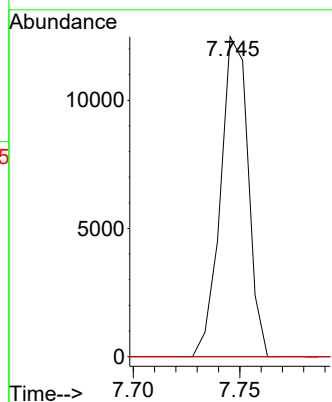
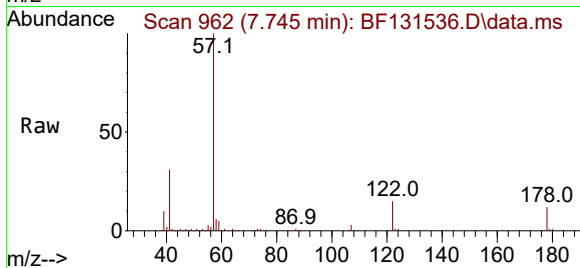
Tgt Ion:122 Resp: 11250

Ion Ratio Lower Upper

122 100

105 0.0 114.0 154.0#

77 0.0 90.3 130.3#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.975 min Scan# 1341

Delta R.T. -0.005 min

Lab File: BF131536.D

Acq: 06 Dec 2022 20:00

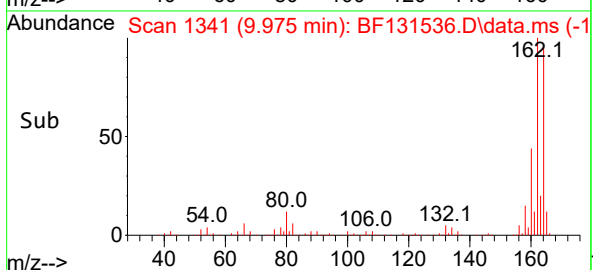
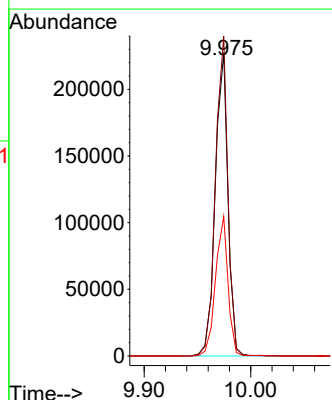
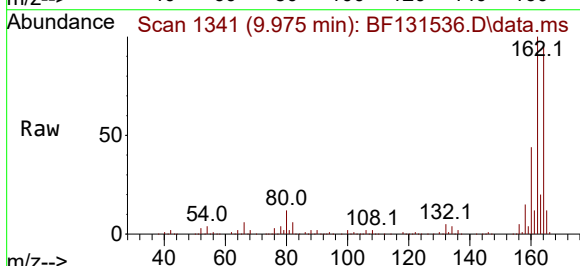
Tgt Ion:164 Resp: 187290

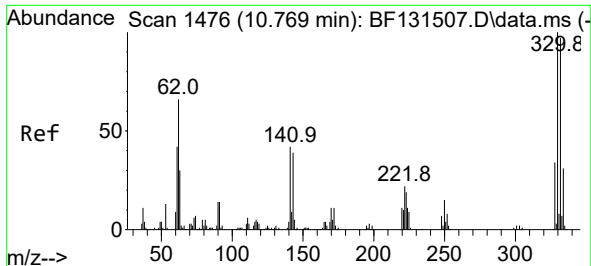
Ion Ratio Lower Upper

164 100

162 105.5 80.1 120.1

160 46.0 36.4 54.6

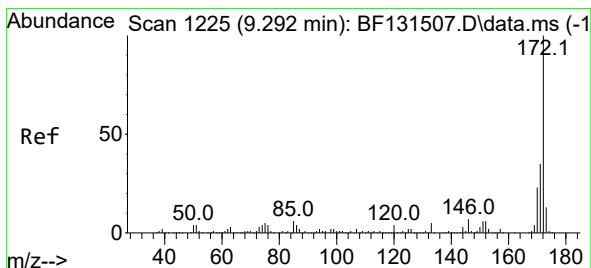
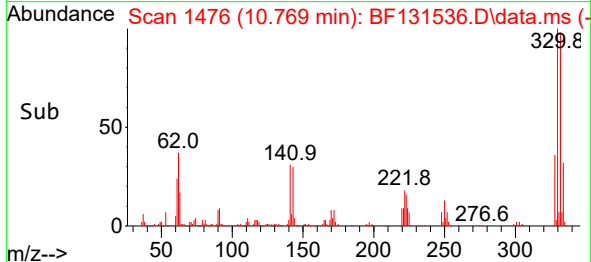
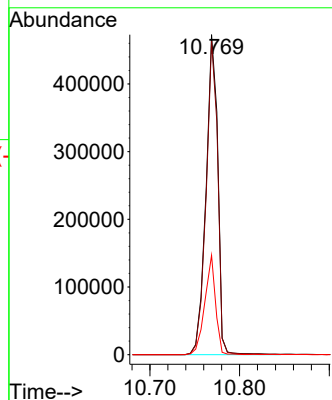
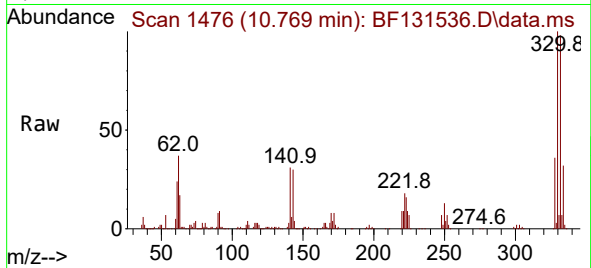




#42
2,4,6-Tribromophenol
Concen: 202.243 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BF131536.D
Acq: 06 Dec 2022 20:00

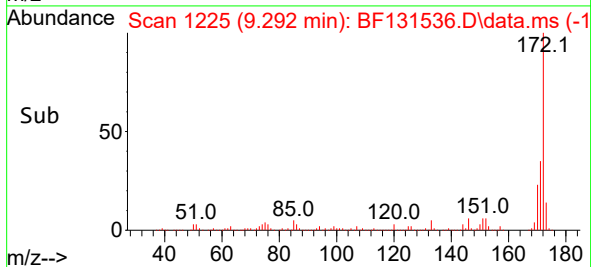
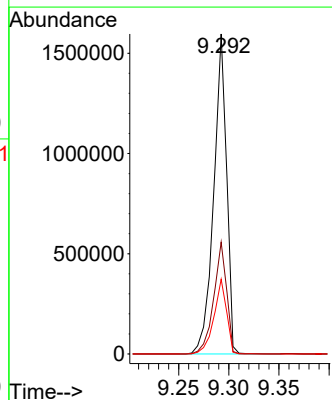
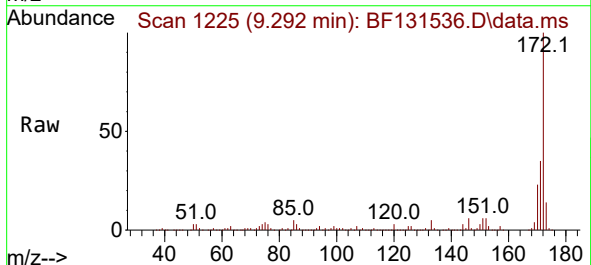
Instrument :
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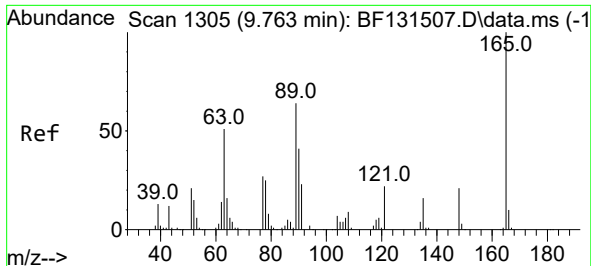
Tgt Ion:330 Resp: 431292
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.2
141 28.5 29.1 43.7#



#45
2-Fluorobiphenyl
Concen: 99.664 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF131536.D
Acq: 06 Dec 2022 20:00

Tgt Ion:172 Resp: 1422871
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.3 18.7 28.1

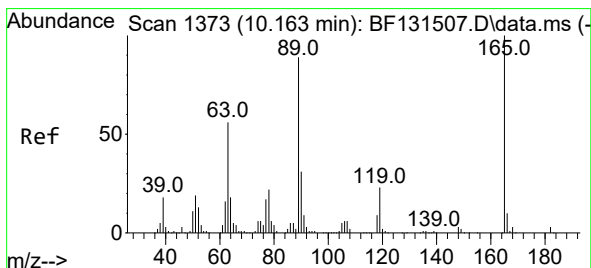
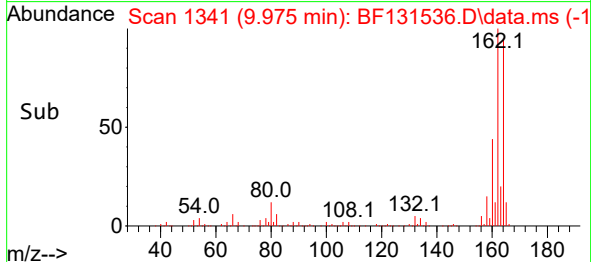
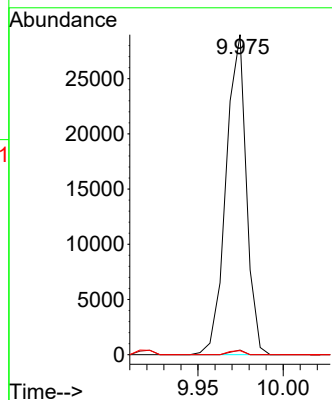
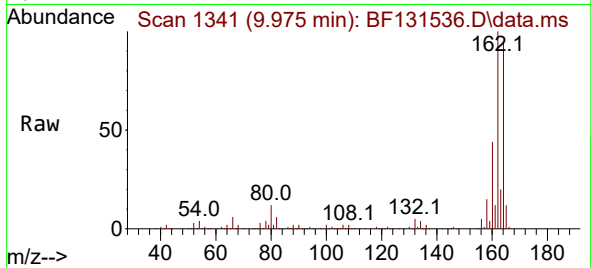




#51
2,6-Dinitrotoluene
Concen: 8.304 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.212 min
Lab File: BF131536.D
Acq: 06 Dec 2022 20:00

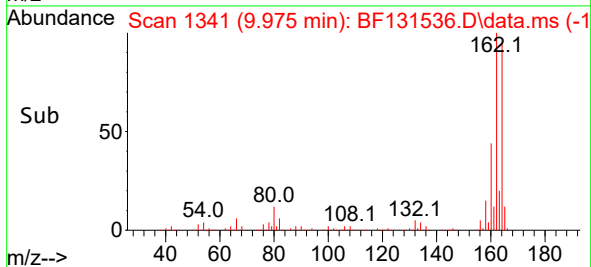
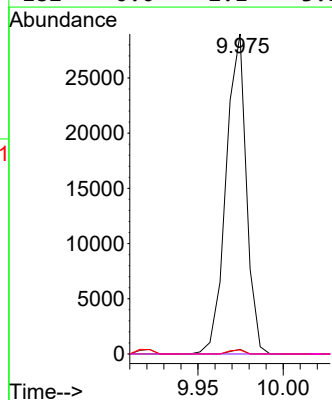
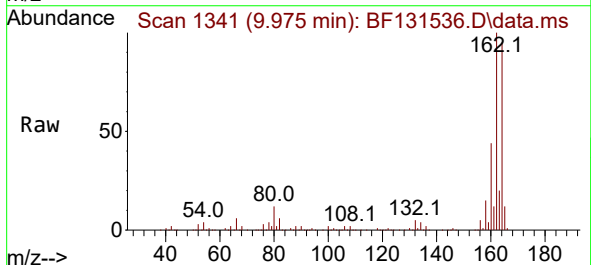
Instrument :
BNA_F
ClientSampleId :
ML-2

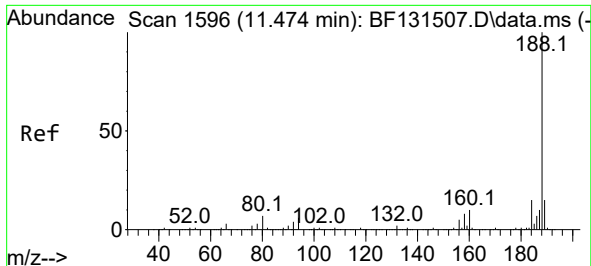
Tgt Ion:165 Resp: 24019
Ion Ratio Lower Upper
165 100
63 1.5 50.1 75.1#
89 1.3 51.3 76.9#



#57
2,4-Dinitrotoluene
Concen: 6.329 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.188 min
Lab File: BF131536.D
Acq: 06 Dec 2022 20:00

Tgt Ion:165 Resp: 24019
Ion Ratio Lower Upper
165 100
63 1.5 45.3 67.9#
89 1.3 71.0 106.4#
182 0.0 2.1 3.1#

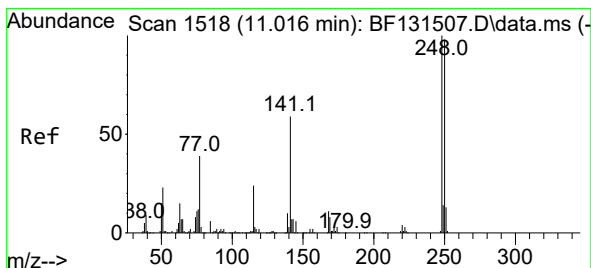
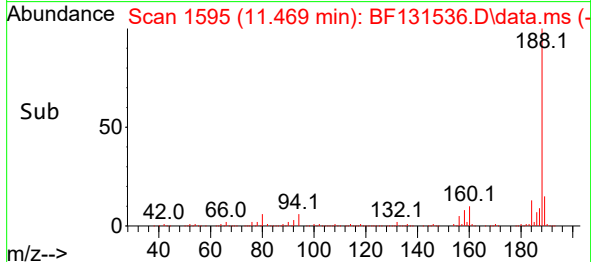
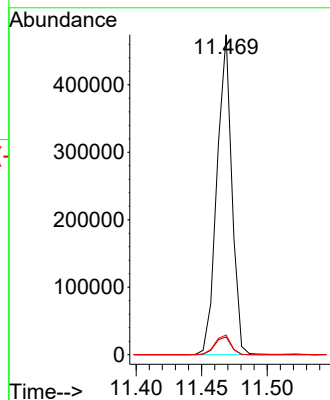
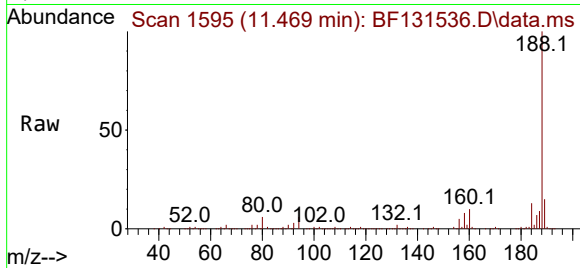




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131536.D
Acq: 06 Dec 2022 20:00

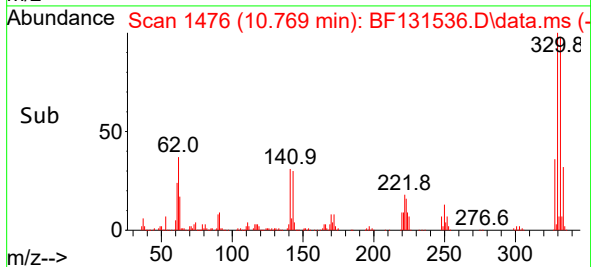
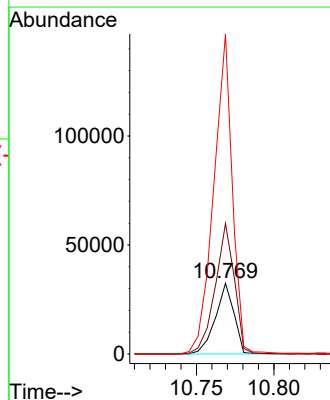
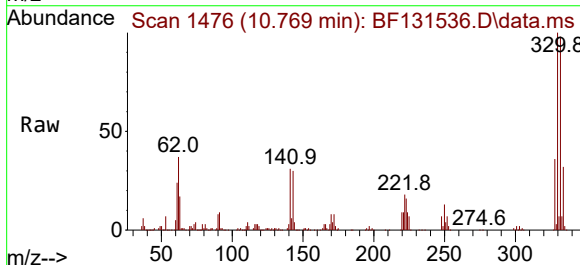
Instrument :
BNA_F
ClientSampleId :
ML-2

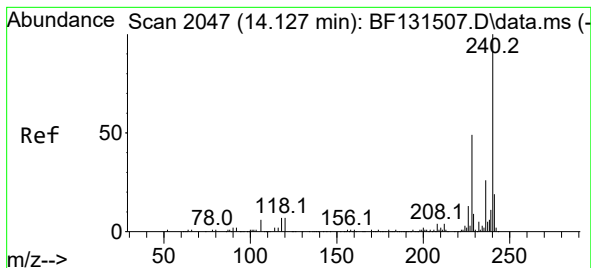
Tgt Ion:188 Resp: 373464
Ion Ratio Lower Upper
188 100
94 5.6 5.1 7.7
80 6.2 5.9 8.9



#67
4-Bromophenyl-phenylether
Concen: 5.800 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.247 min
Lab File: BF131536.D
Acq: 06 Dec 2022 20:00

Tgt Ion:248 Resp: 27100
Ion Ratio Lower Upper
248 100
250 184.7 78.6 117.8#
141 452.9 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: BF131536.D

Acq: 06 Dec 2022 20:00

Instrument :

BNA_F

ClientSampleId :

ML-2

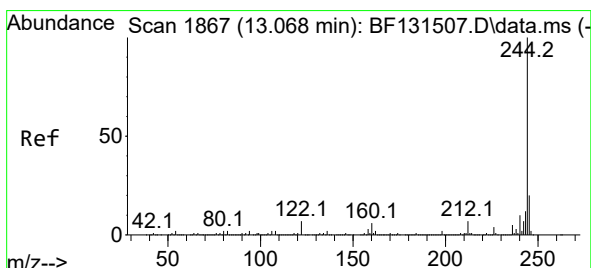
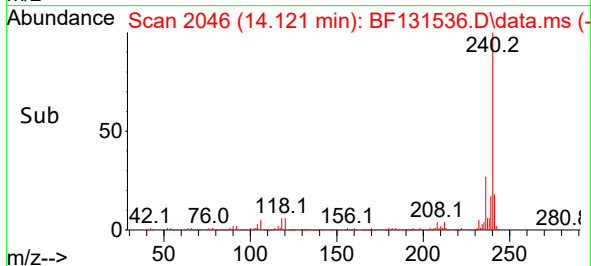
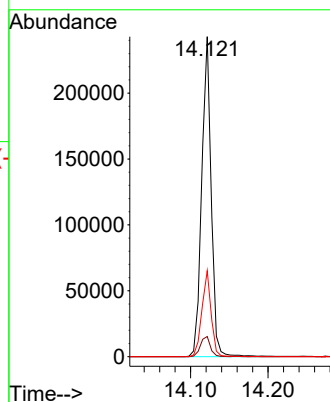
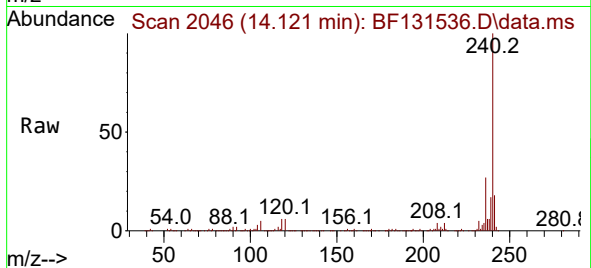
Tgt Ion:240 Resp: 206265

Ion Ratio Lower Upper

240 100

120 6.3 5.6 8.4

236 26.9 20.6 31.0



#79

Terphenyl-d14

Concen: 124.993 ng

RT: 13.069 min Scan# 1867

Delta R.T. 0.000 min

Lab File: BF131536.D

Acq: 06 Dec 2022 20:00

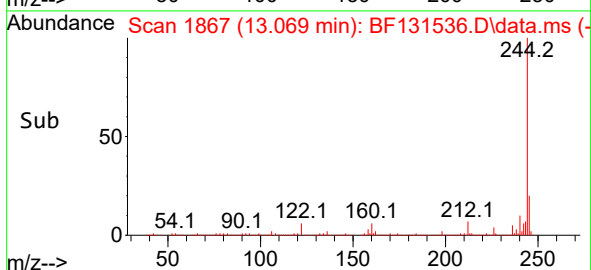
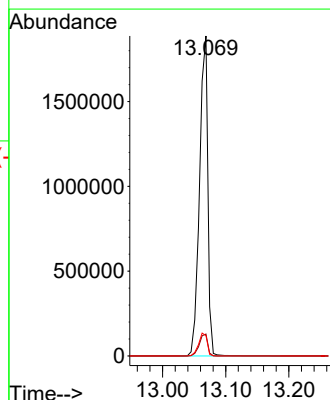
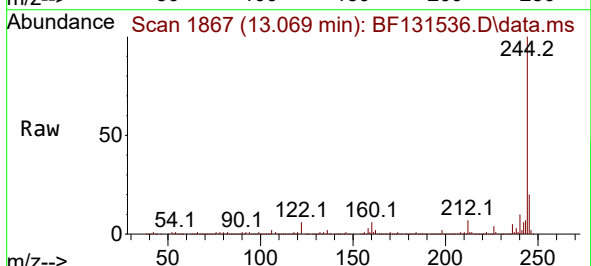
Tgt Ion:244 Resp: 1707200

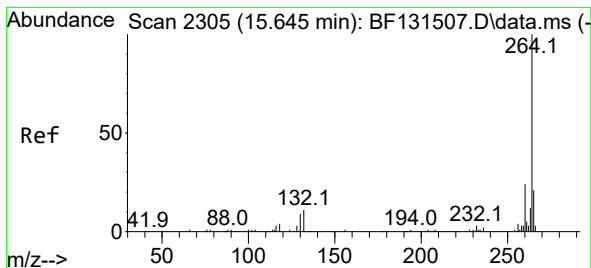
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 6.3 5.4 8.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.639 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131536.D

Acq: 06 Dec 2022 20:00

Instrument :

BNA_F

ClientSampleId :

ML-2

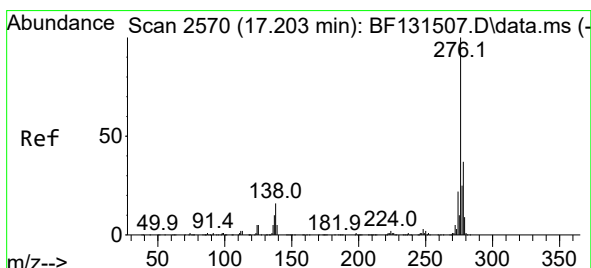
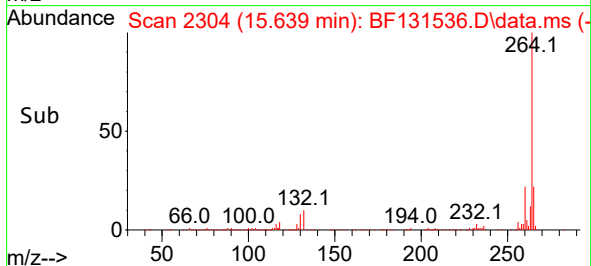
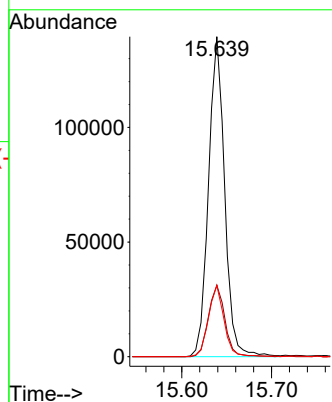
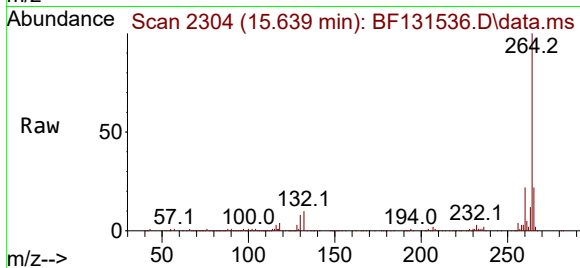
Tgt Ion:264 Resp: 174313

Ion Ratio Lower Upper

264 100

260 22.3 19.0 28.4

265 22.3 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.033 ng

RT: 17.186 min Scan# 2567

Delta R.T. -0.017 min

Lab File: BF131536.D

Acq: 06 Dec 2022 20:00

Tgt Ion:276 Resp: 143

Ion Ratio Lower Upper

276 100

138 0.0 13.2 19.8#

277 0.0 19.6 29.4#

