

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
 Data File : BF131530.D
 Acq On : 06 Dec 2022 16:44
 Operator : CG\JU
 Sample : N5833-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

Quant Time: Dec 07 03:22:20 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)

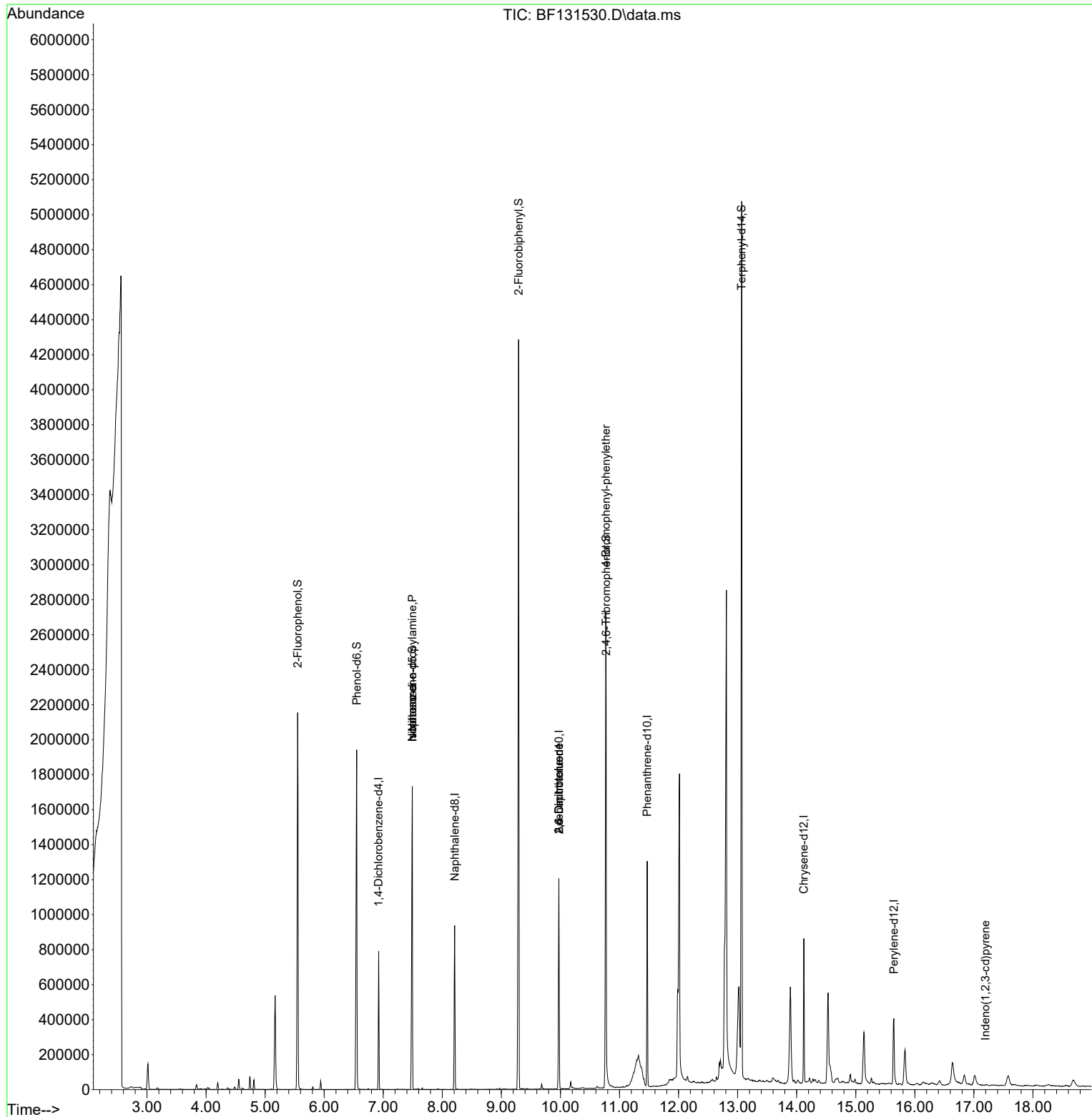
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	104828	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	401949	20.000	ng	0.00
39) Acenaphthene-d10	9.974	164	240627	20.000	ng	0.00
64) Phenanthrene-d10	11.468	188	444011	20.000	ng	0.00
76) Chrysene-d12	14.121	240	282342	20.000	ng	0.00
86) Perylene-d12	15.645	264	194360	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	692689	112.841	ng	0.02
7) Phenol-d6	6.551	99	739054	96.412	ng	0.00
23) Nitrobenzene-d5	7.492	82	575197	65.678	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	423677	154.635	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1399170	76.280	ng	0.00
79) Terphenyl-d14	13.068	244	1705746	91.236	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	77079	14.857	ng	# 78
25) Isophorone	7.492	82	575115	42.216	ng	# 67
51) 2,6-Dinitrotoluene	9.974	165	30804	8.289	ng	# 20
57) 2,4-Dinitrotoluene	9.974	165	30804	6.318	ng	# 14
67) 4-Bromophenyl-phenylether	10.769	248	25320	4.558	ng	# 1
77) Benzidine	13.068	184	24642	Below Cal		# 95
85) Di-n-octyl phthalate	14.704	149	4970	Below Cal		# 76
87) Indeno(1,2,3-cd)pyrene	17.197	276	55	3.026	ng	# 1

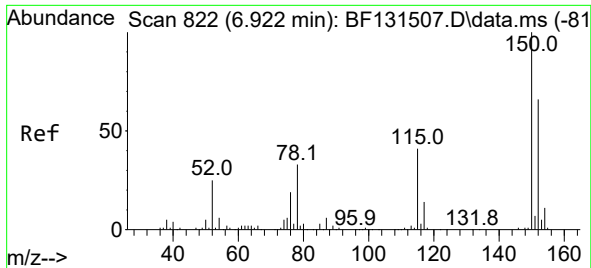
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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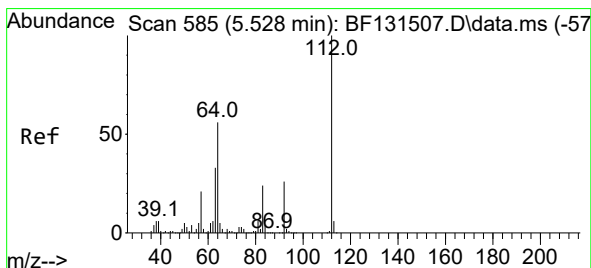
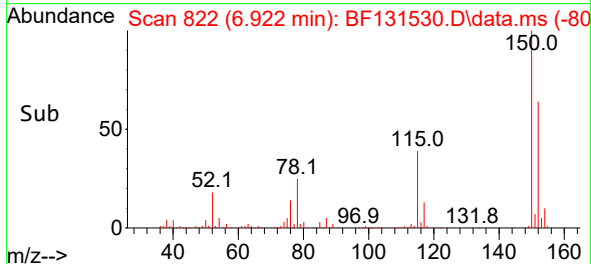
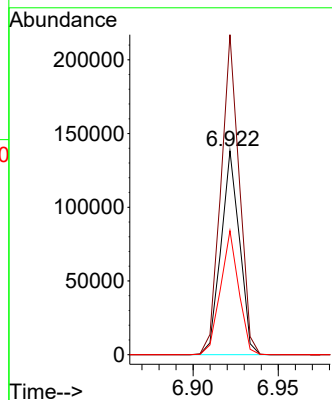
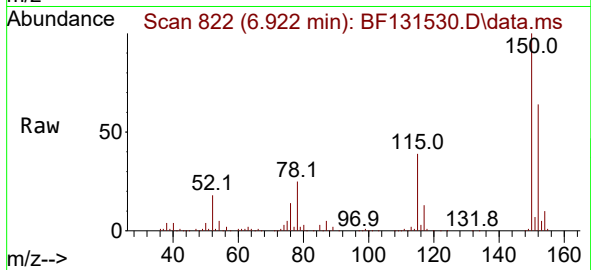




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131530.D
 Acq: 06 Dec 2022 16:44

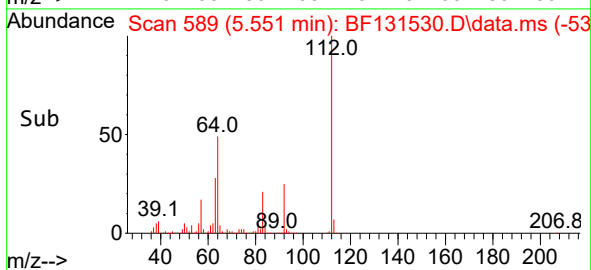
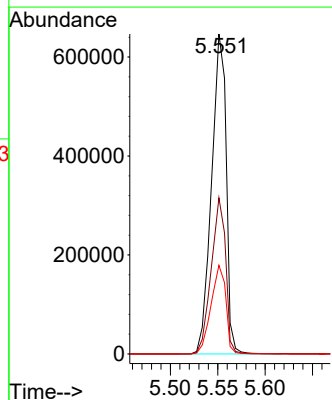
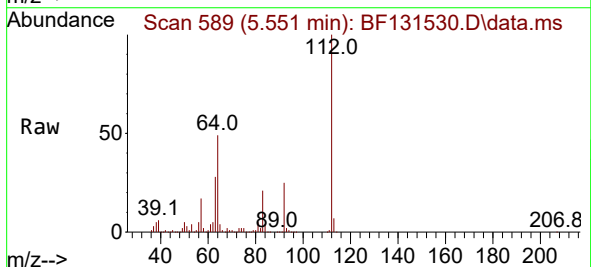
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

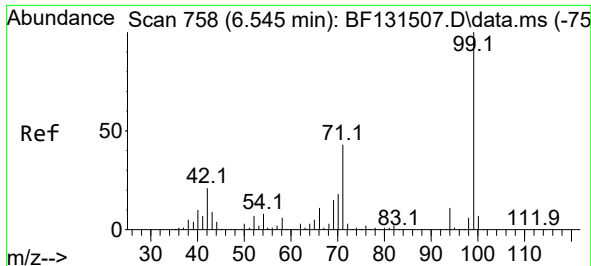
Tgt Ion:152 Resp: 104828
 Ion Ratio Lower Upper
 152 100
 150 156.9 121.9 182.9
 115 60.8 50.4 75.6



#5
 2-Fluorophenol
 Concen: 112.841 ng
 RT: 5.551 min Scan# 589
 Delta R.T. 0.023 min
 Lab File: BF131530.D
 Acq: 06 Dec 2022 16:44

Tgt Ion:112 Resp: 692689
 Ion Ratio Lower Upper
 112 100
 64 48.8 44.5 66.7
 63 27.7 26.7 40.1

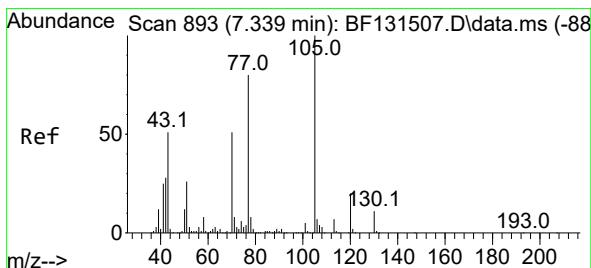
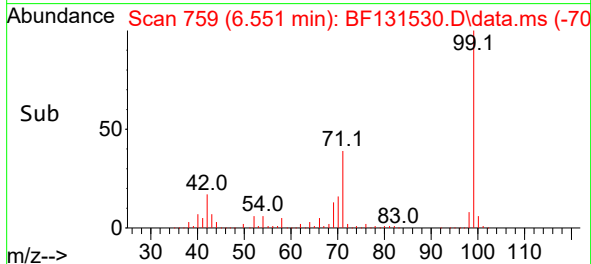
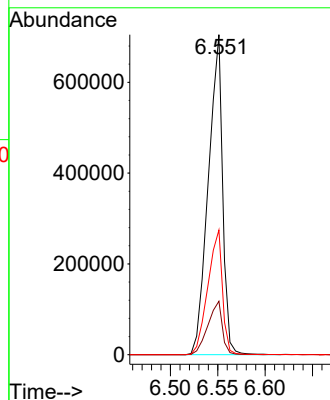
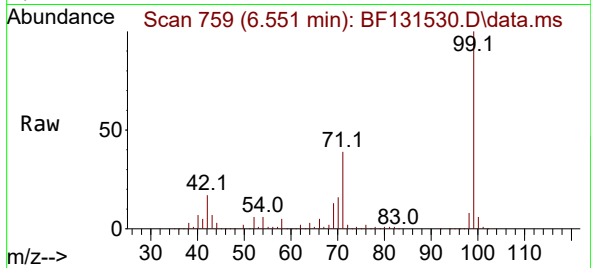




#7
Phenol-d6
Concen: 96.412 ng
RT: 6.551 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131530.D
Acq: 06 Dec 2022 16:44

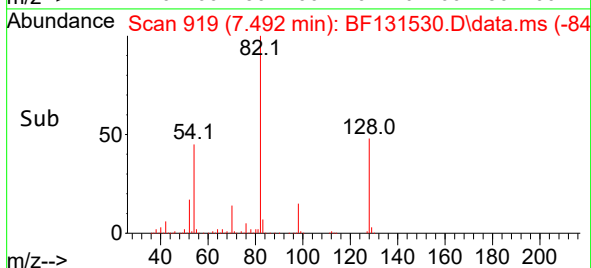
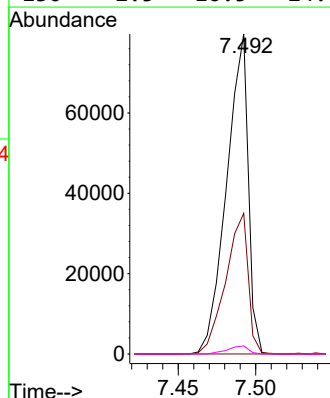
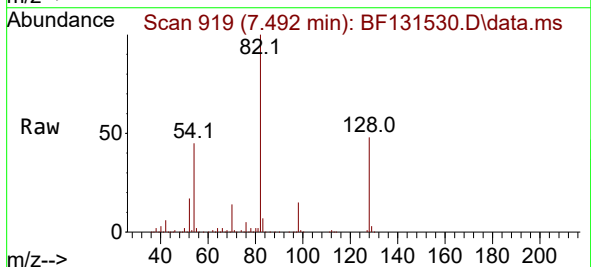
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

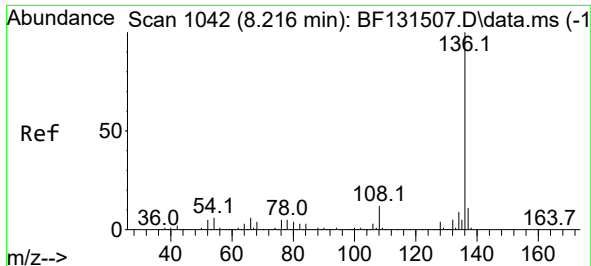
Tgt Ion: 99 Resp: 739054
Ion Ratio Lower Upper
99 100
42 16.7 16.6 25.0
71 39.0 34.4 51.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.857 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.153 min
Lab File: BF131530.D
Acq: 06 Dec 2022 16:44

Tgt Ion: 70 Resp: 77079
Ion Ratio Lower Upper
70 100
42 43.9 44.1 66.1#
101 0.0 7.7 11.5#
130 2.5 16.5 24.7#

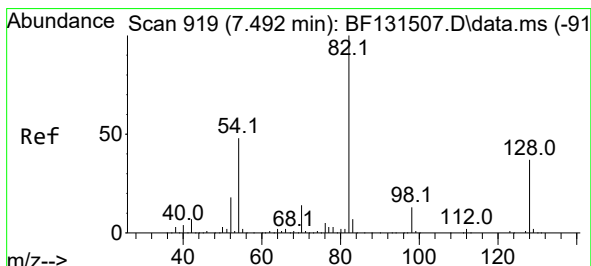
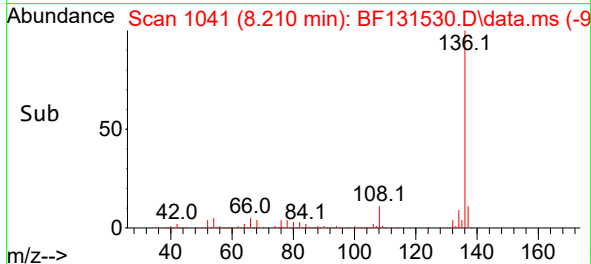
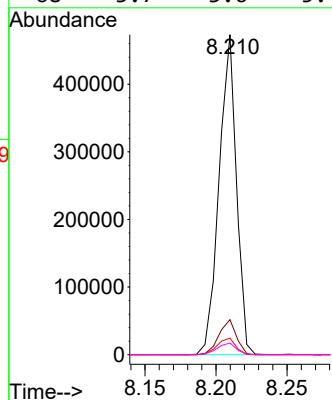
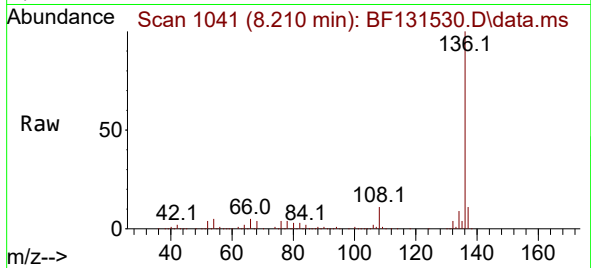




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131530.D
Acq: 06 Dec 2022 16:44

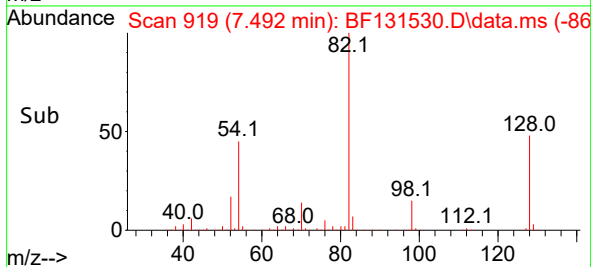
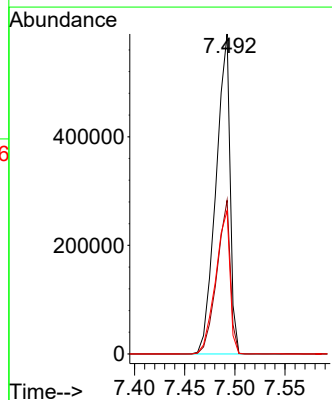
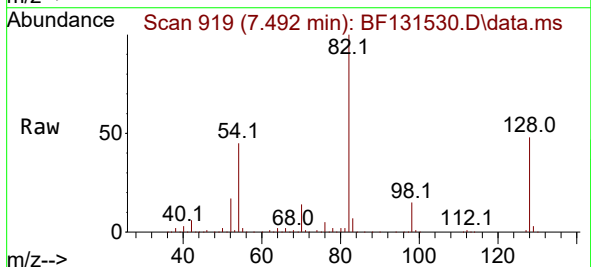
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

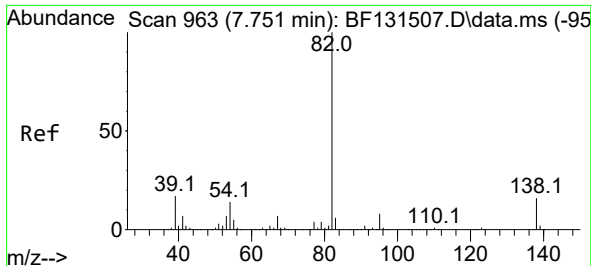
Tgt Ion:136 Resp: 401949
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.2 5.0 7.6
68 3.7 3.6 5.4



#23
Nitrobenzene-d5
Concen: 65.678 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF131530.D
Acq: 06 Dec 2022 16:44

Tgt Ion: 82 Resp: 575197
Ion Ratio Lower Upper
82 100
128 48.0 29.7 44.5#
54 44.8 38.7 58.1

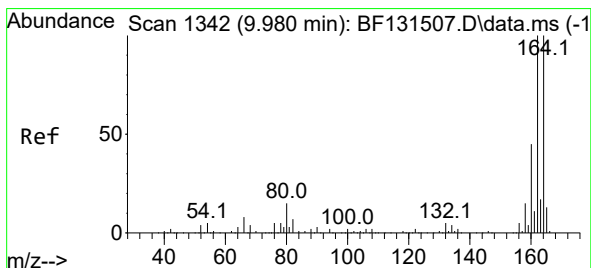
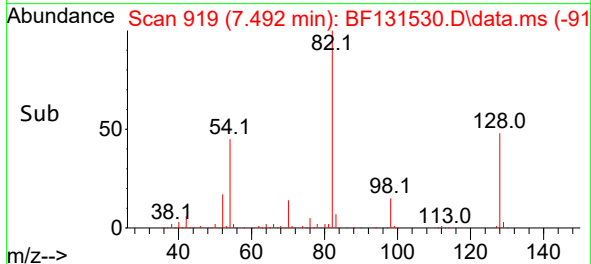
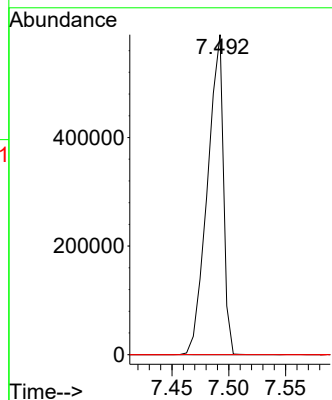
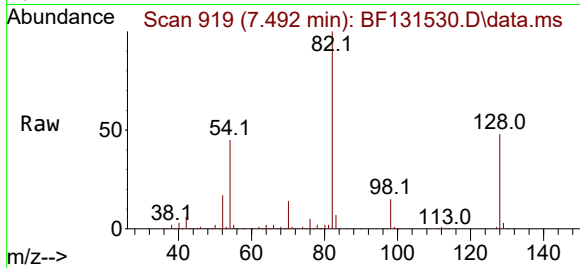




#25
Isophorone
Concen: 42.216 ng
RT: 7.492 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131530.D
Acq: 06 Dec 2022 16:44

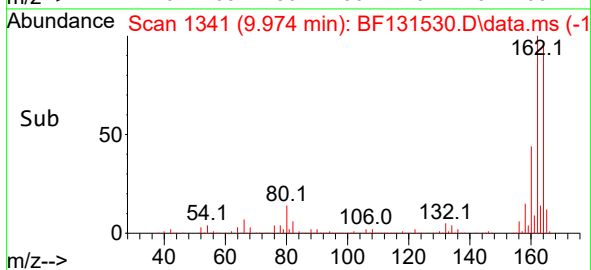
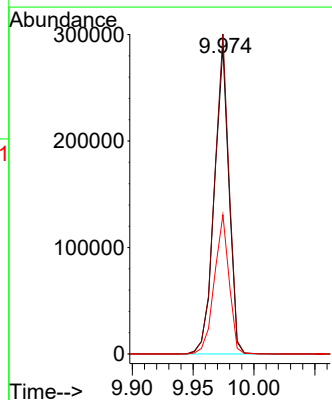
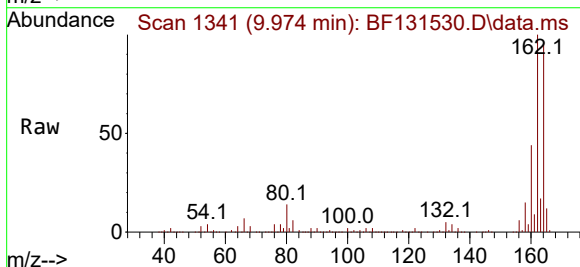
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

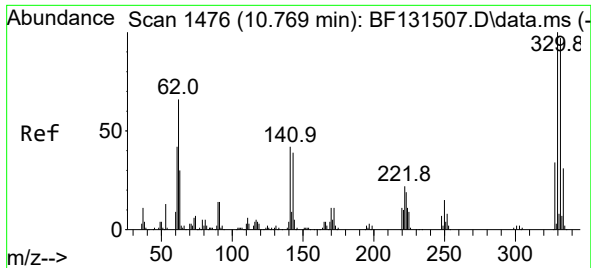
Tgt Ion: 82 Resp: 575115
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.974 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BF131530.D
Acq: 06 Dec 2022 16:44

Tgt Ion: 164 Resp: 240627
Ion Ratio Lower Upper
164 100
162 104.1 80.1 120.1
160 45.3 36.4 54.6

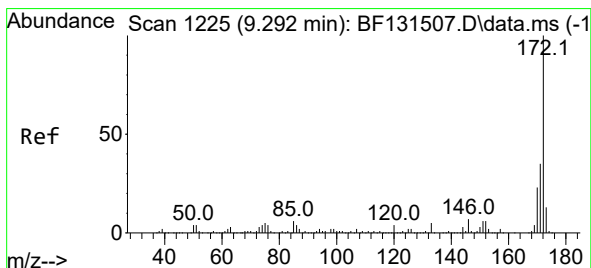
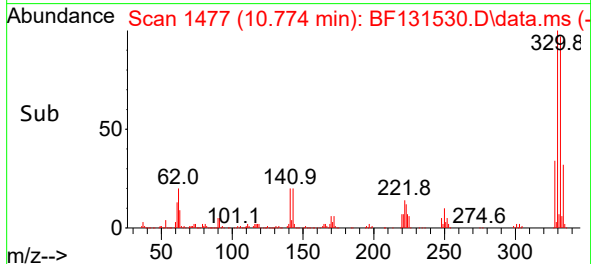
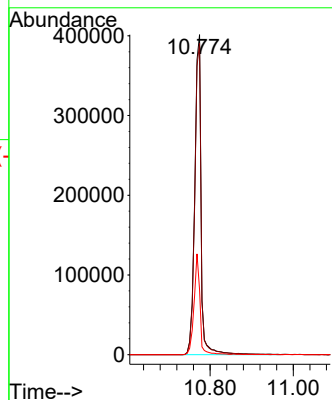
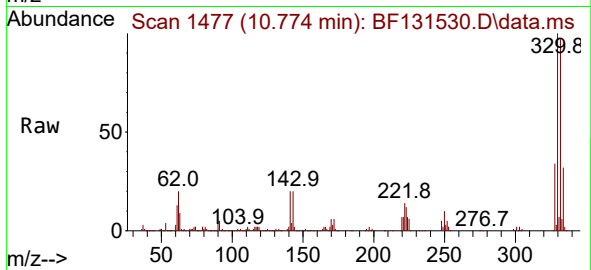




#42
2,4,6-Tribromophenol
Concen: 154.635 ng
RT: 10.774 min Scan# 1476
Delta R.T. 0.005 min
Lab File: BF131530.D
Acq: 06 Dec 2022 16:44

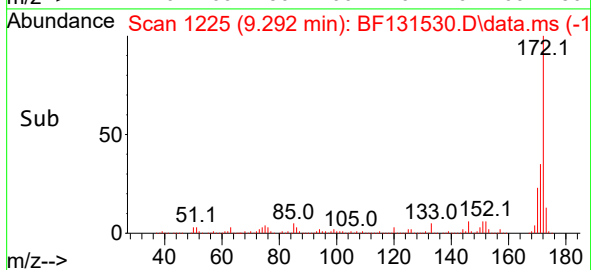
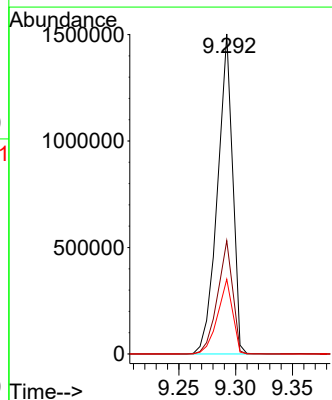
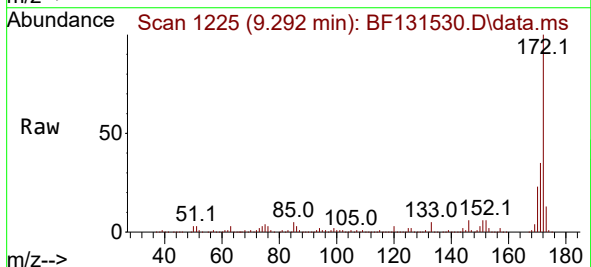
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

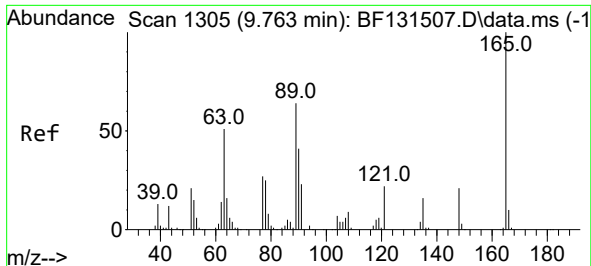
Tgt Ion: 330 Resp: 423677
Ion Ratio Lower Upper
330 100
332 97.3 78.2 117.2
141 29.5 29.1 43.7



#45
2-Fluorobiphenyl
Concen: 76.280 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.000 min
Lab File: BF131530.D
Acq: 06 Dec 2022 16:44

Tgt Ion: 172 Resp: 1399170
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 23.4 18.7 28.1

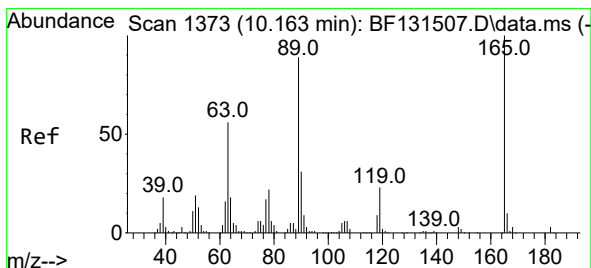
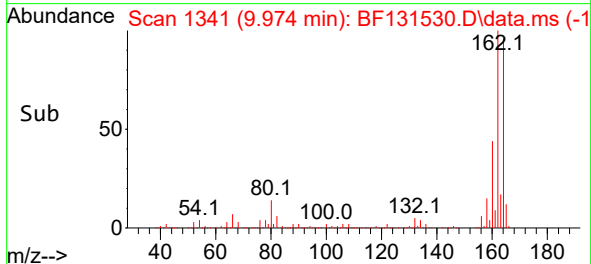
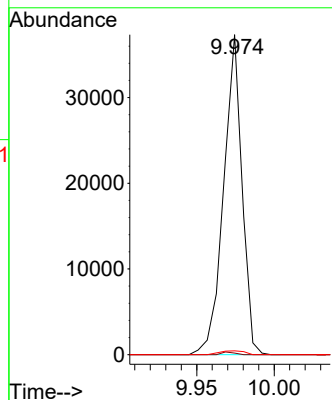
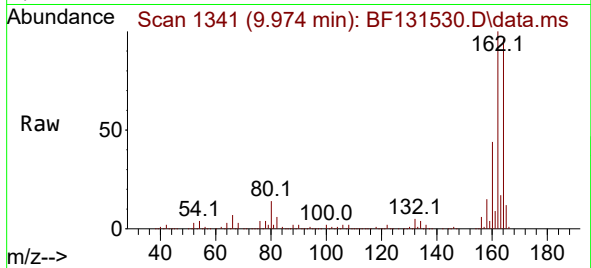




#51
2,6-Dinitrotoluene
Concen: 8.289 ng
RT: 9.974 min Scan# 1341
Delta R.T. 0.212 min
Lab File: BF131530.D
Acq: 06 Dec 2022 16:44

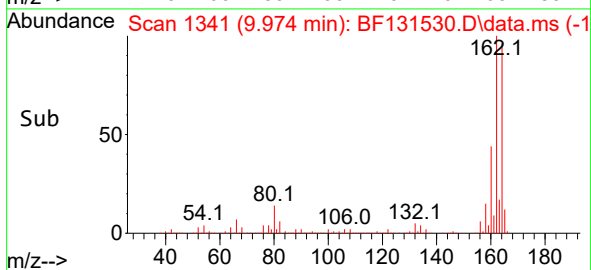
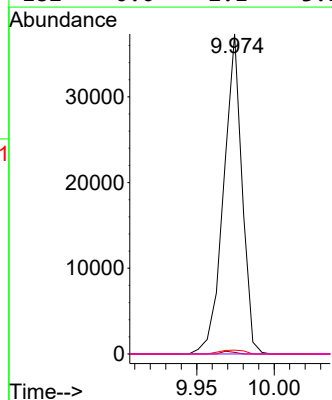
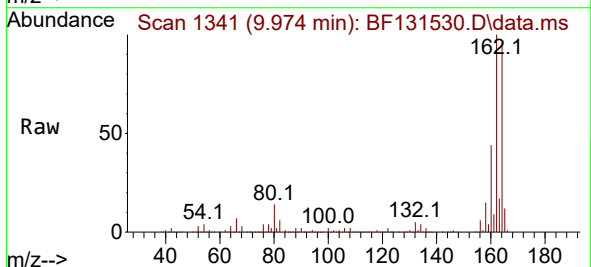
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

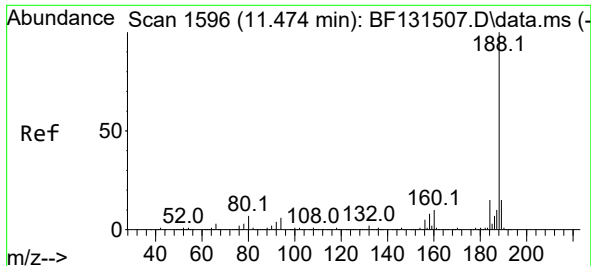
Tgt Ion:165 Resp: 30804
Ion Ratio Lower Upper
165 100
63 0.5 50.1 75.1#
89 1.2 51.3 76.9#



#57
2,4-Dinitrotoluene
Concen: 6.318 ng
RT: 9.974 min Scan# 1341
Delta R.T. -0.188 min
Lab File: BF131530.D
Acq: 06 Dec 2022 16:44

Tgt Ion:165 Resp: 30804
Ion Ratio Lower Upper
165 100
63 0.5 45.3 67.9#
89 1.2 71.0 106.4#
182 0.0 2.1 3.1#

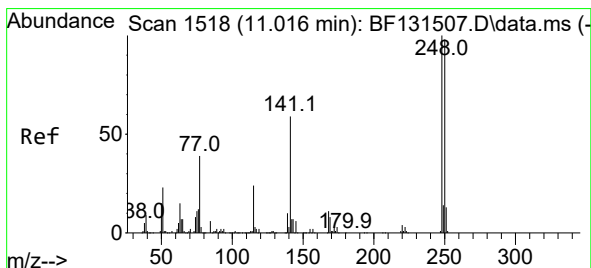
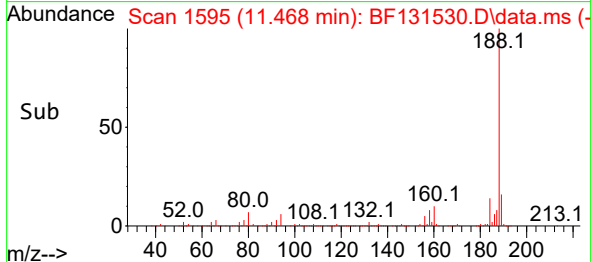
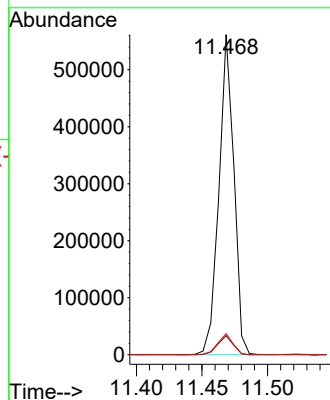
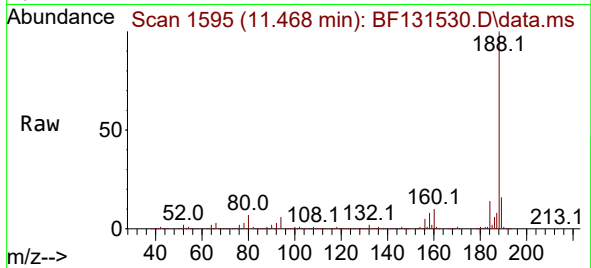




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.468 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131530.D
Acq: 06 Dec 2022 16:44

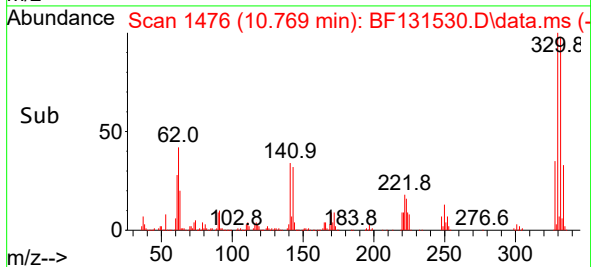
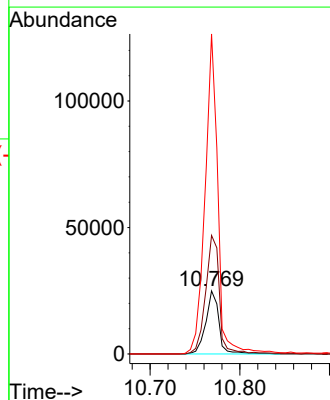
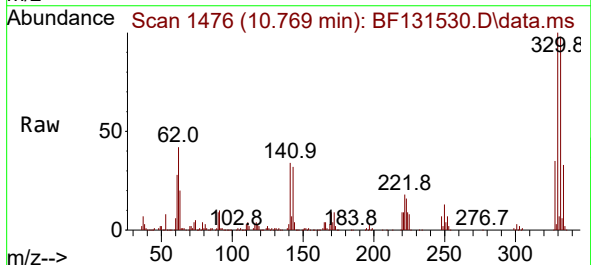
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

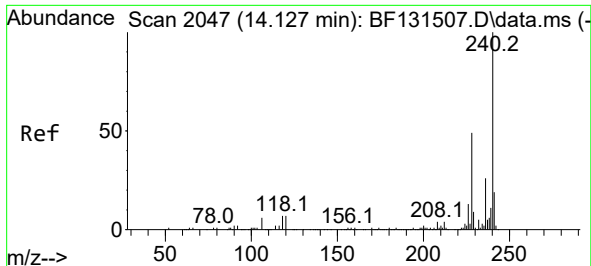
Tgt Ion:188 Resp: 444011
Ion Ratio Lower Upper
188 100
94 6.0 5.1 7.7
80 6.6 5.9 8.9



#67
4-Bromophenyl-phenylether
Concen: 4.558 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.247 min
Lab File: BF131530.D
Acq: 06 Dec 2022 16:44

Tgt Ion:248 Resp: 25320
Ion Ratio Lower Upper
248 100
250 188.2 78.6 117.8#
141 508.0 47.1 70.7#

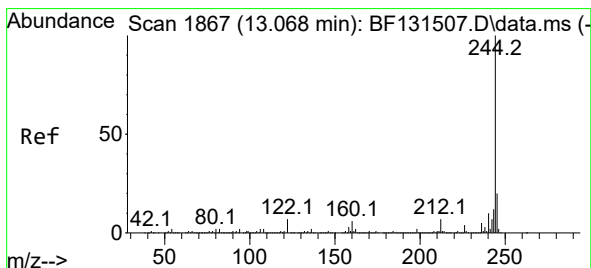
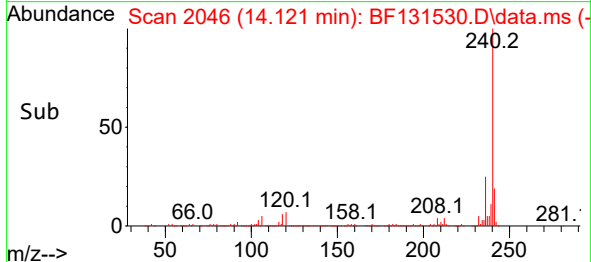
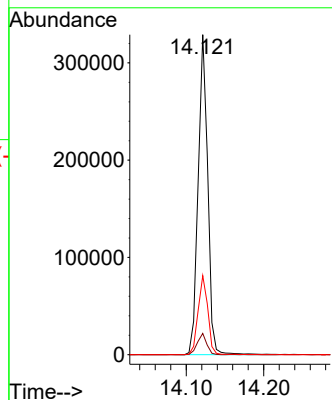
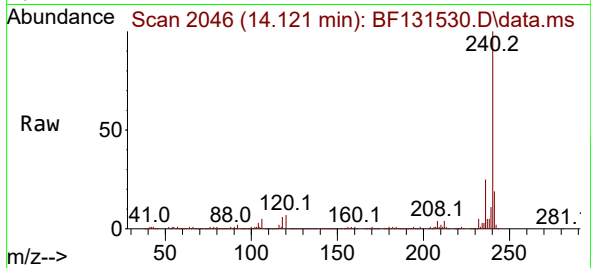




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF131530.D
Acq: 06 Dec 2022 16:44

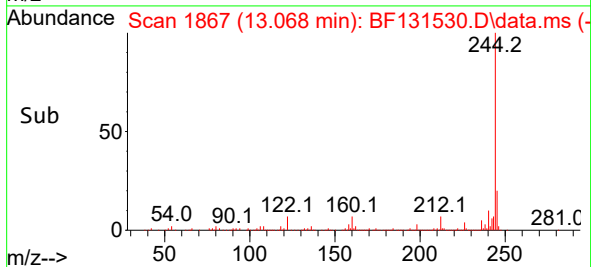
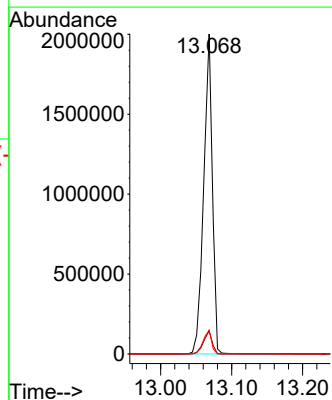
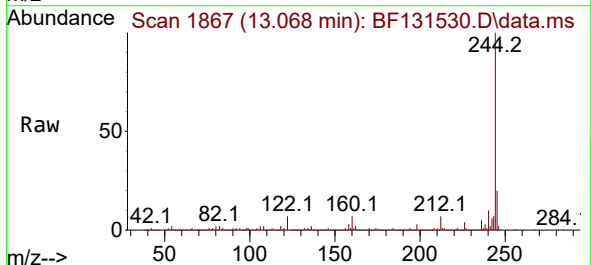
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

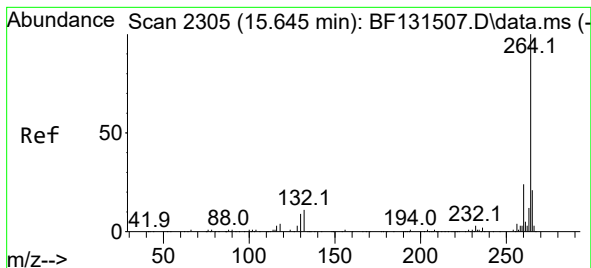
Tgt Ion:240 Resp: 282342
Ion Ratio Lower Upper
240 100
120 6.7 5.6 8.4
236 24.7 20.6 31.0



#79
Terphenyl-d14
Concen: 91.236 ng
RT: 13.068 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BF131530.D
Acq: 06 Dec 2022 16:44

Tgt Ion:244 Resp: 1705746
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 7.5 5.4 8.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.645 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF131530.D

Acq: 06 Dec 2022 16:44

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1

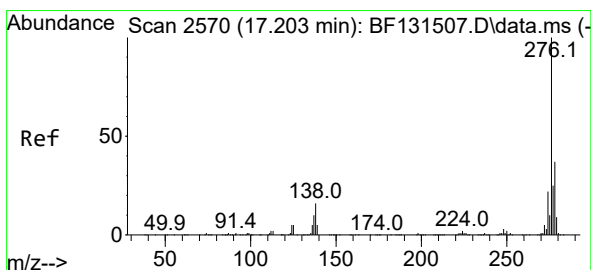
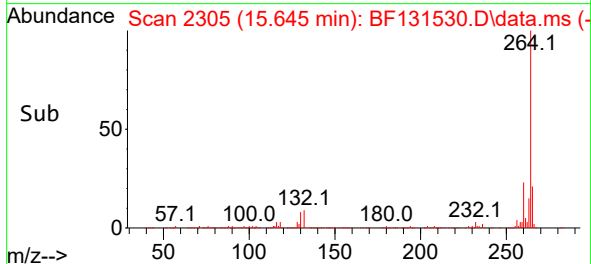
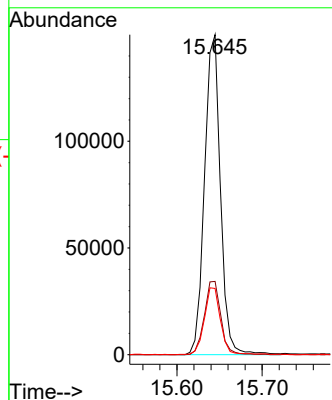
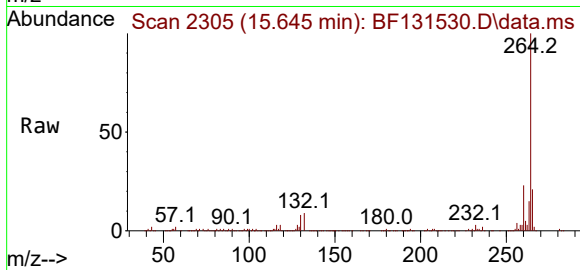
Tgt Ion:264 Resp: 194360

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 20.7 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.026 ng

RT: 17.197 min Scan# 2569

Delta R.T. -0.006 min

Lab File: BF131530.D

Acq: 06 Dec 2022 16:44

Tgt Ion:276 Resp: 55

Ion Ratio Lower Upper

276 100

138 100.0 13.2 19.8#

277 0.0 19.6 29.4#

