

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120222\
 Data File : BF131496.D
 Acq On : 02 Dec 2022 15:20
 Operator : CG\JU
 Sample : N5848-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Quant Time: Dec 05 00:02:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 05 00:00:18 2022
 Response via : Initial Calibration

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

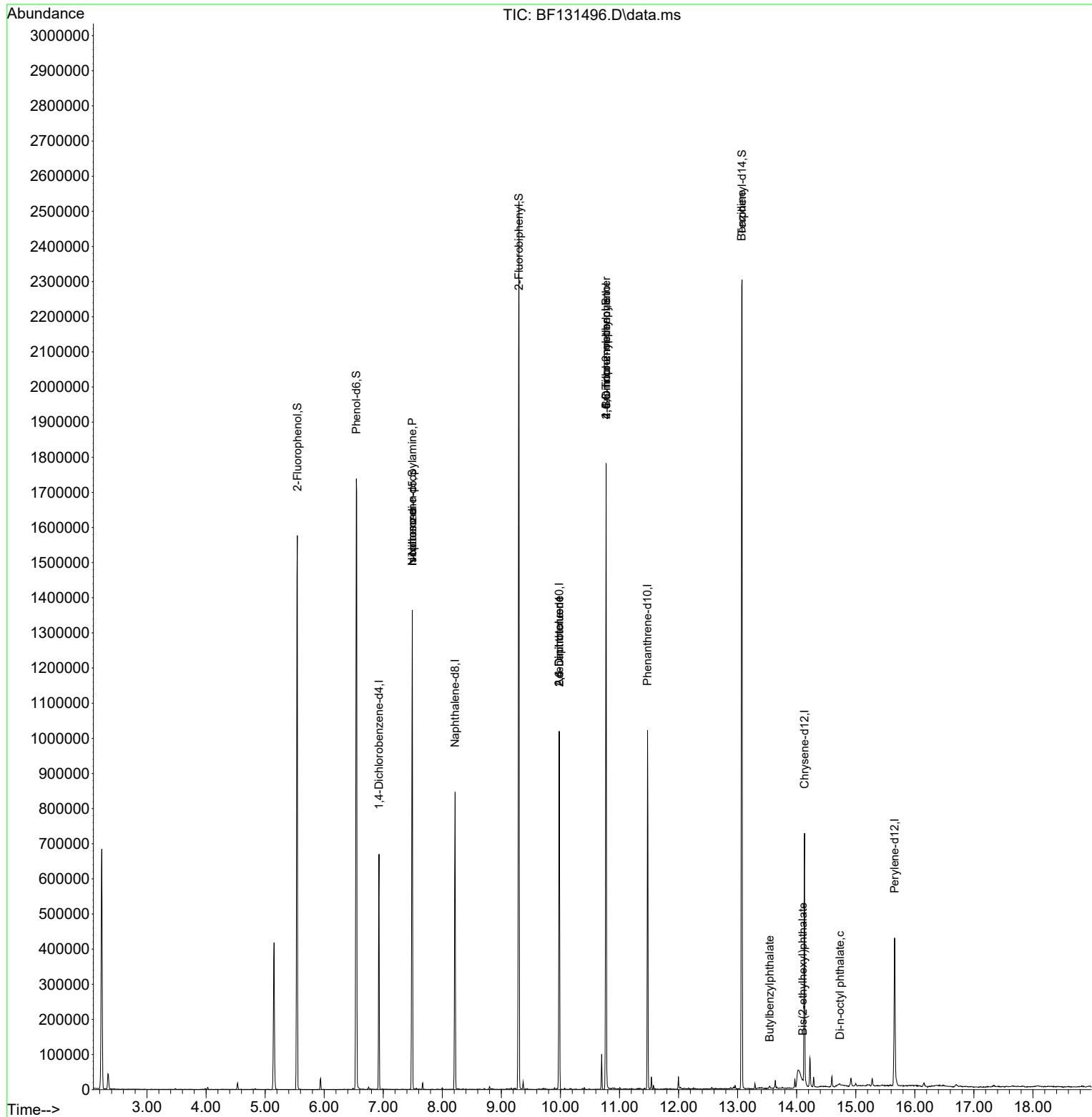
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	94194	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	348342	20.000	ng	# 0.00
39) Acenaphthene-d10	9.981	164	199317	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	359563	20.000	ng	0.00
76) Chrysene-d12	14.133	240	251296	20.000	ng	0.00
86) Perylene-d12	15.657	264	204952	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	387796	78.355	ng	0.01
7) Phenol-d6	6.545	99	681226	107.881	ng	-0.01
23) Nitrobenzene-d5	7.492	82	429717	62.184	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	203427	121.314	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	812370	59.295	ng	0.00
79) Terphenyl-d14	13.074	244	893192	58.123	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.551	77	1257	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.492	70	57909	12.527	ng	# 71
25) Isophorone	7.492	82	429571	34.843	ng	# 68
51) 2,6-Dinitrotoluene	9.981	165	24496	8.820	ng	# 15
57) 2,4-Dinitrotoluene	9.981	165	24496	7.010	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.775	198	420	4.879	ng	# 1
67) 4-Bromophenyl-phenylether	10.775	248	12954	2.939	ng	# 1
77) Benzidine	13.069	184	11359	2.447	ng	# 91
80) Butylbenzylphthalate	13.545	149	1022	4.269	ng	# 82
84) Bis(2-ethylhexyl)phtha...	14.104	149	1658	3.903	ng	# 88
85) Di-n-octyl phthalate	14.733	149	2146	4.076	ng	# 15

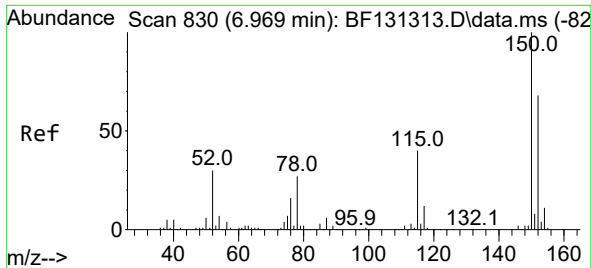
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 05 00:02:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 05 00:00:18 2022
Response via : Initial Calibration

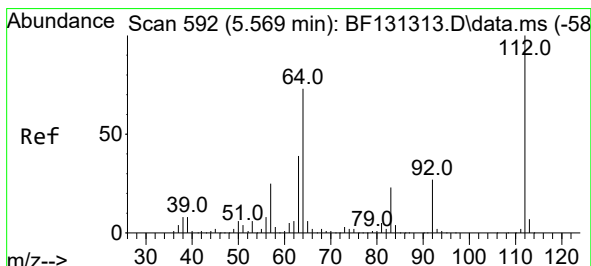
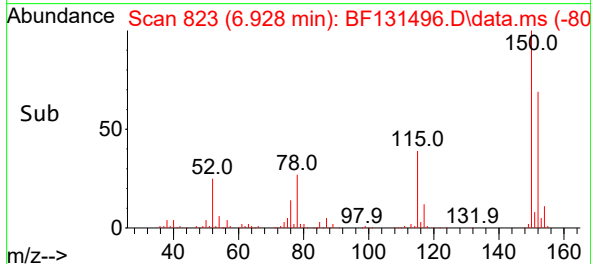
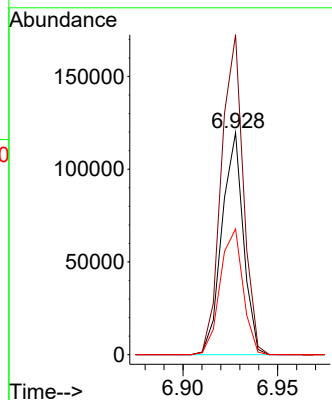
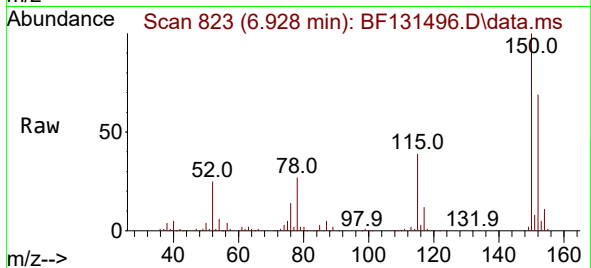




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131496.D
Acq: 02 Dec 2022 15:20

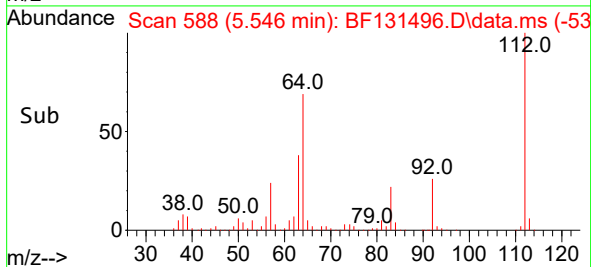
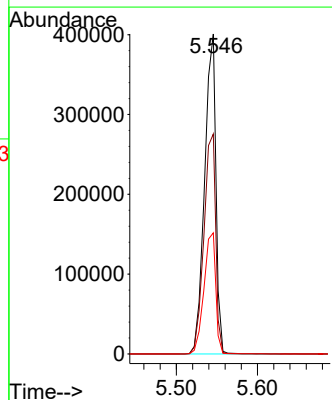
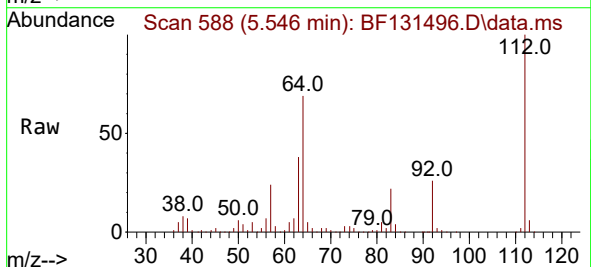
Instrument :
BNA_F
ClientSampleId :
PE-4

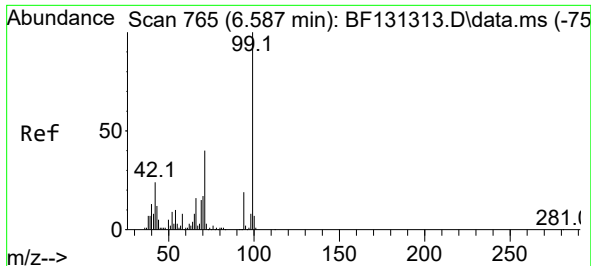
Tgt Ion:152 Resp: 94194
Ion Ratio Lower Upper
152 100
150 144.1 117.8 176.8
115 56.6 47.1 70.7



#5
2-Fluorophenol
Concen: 78.355 ng
RT: 5.546 min Scan# 588
Delta R.T. 0.012 min
Lab File: BF131496.D
Acq: 02 Dec 2022 15:20

Tgt Ion:112 Resp: 387796
Ion Ratio Lower Upper
112 100
64 68.7 58.6 88.0
63 37.9 31.4 47.0





#7
Phenol-d6
Concen: 107.881 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131496.D
Acq: 02 Dec 2022 15:20

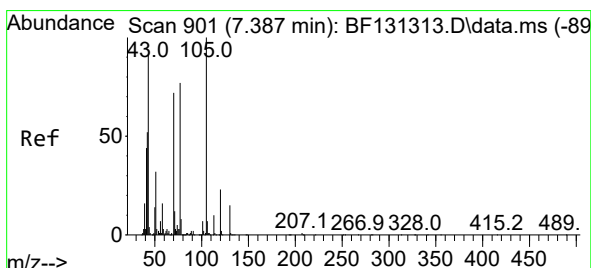
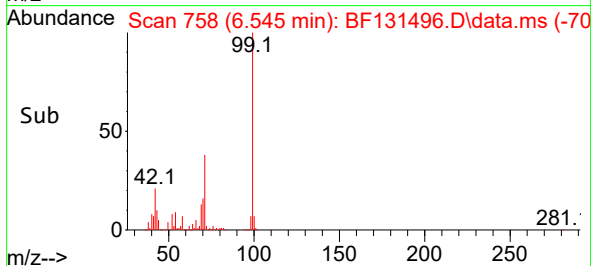
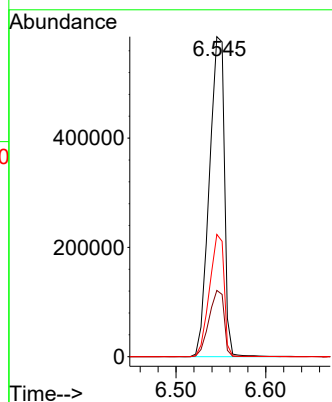
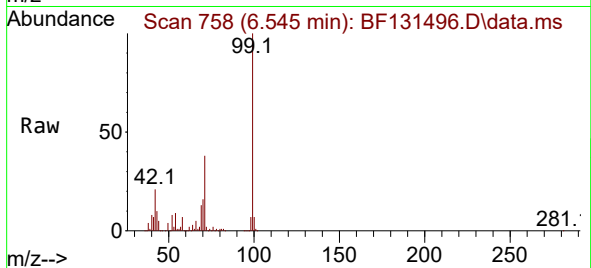
Instrument :

BNA_F

ClientSampleId :

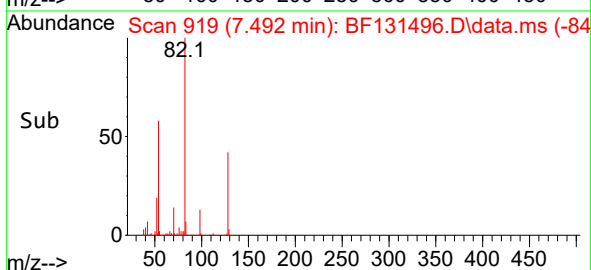
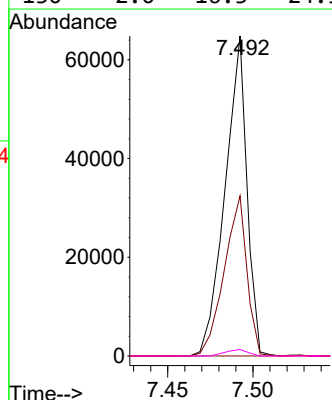
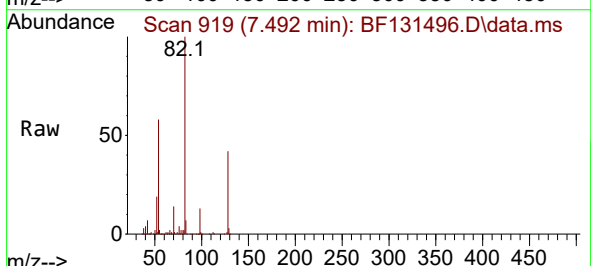
PE-4

Tgt Ion: 99 Resp: 681226
Ion Ratio Lower Upper
99 100
42 20.7 19.4 29.2
71 38.2 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.527 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.147 min
Lab File: BF131496.D
Acq: 02 Dec 2022 15:20

Tgt Ion: 70 Resp: 57909
Ion Ratio Lower Upper
70 100
42 50.0 57.6 86.4#
101 0.0 8.2 12.2#
130 2.0 16.3 24.5#

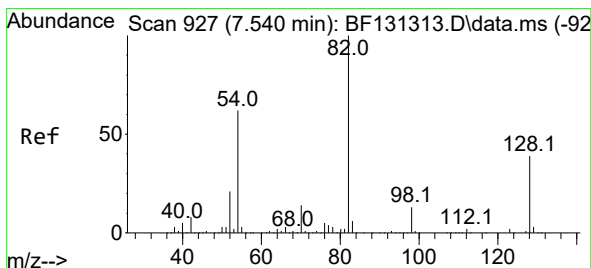
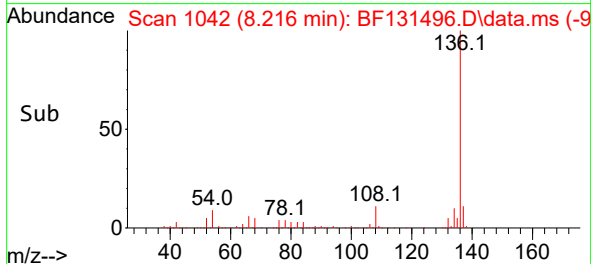
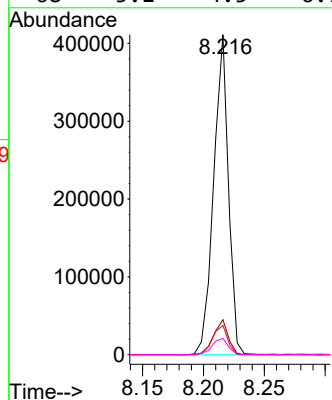
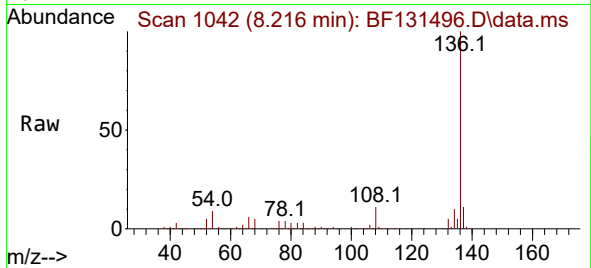




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF131496.D
Acq: 02 Dec 2022 15:20

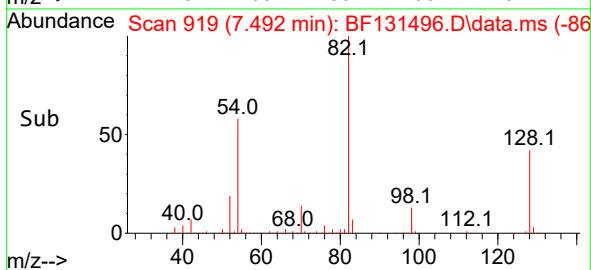
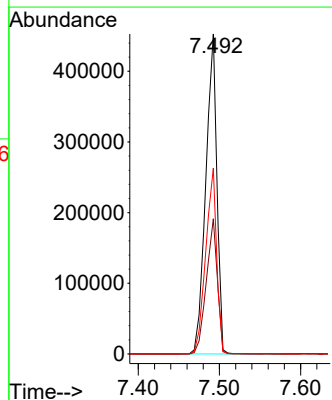
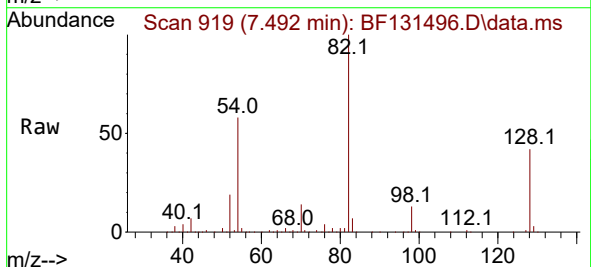
Instrument :
BNA_F
ClientSampleId :
PE-4

Tgt Ion:136 Resp: 348342
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 9.2 9.4 14.0#
68 5.1 4.5 6.7



#23
Nitrobenzene-d5
Concen: 62.184 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF131496.D
Acq: 02 Dec 2022 15:20

Tgt Ion: 82 Resp: 429717
Ion Ratio Lower Upper
82 100
128 42.3 31.4 47.0
54 58.0 49.8 74.6

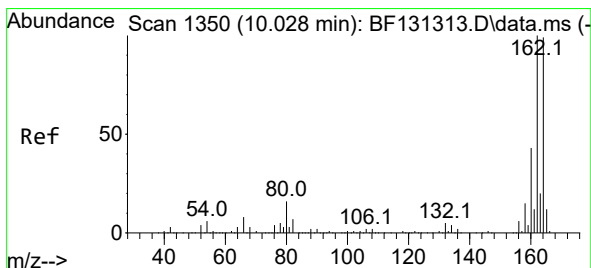
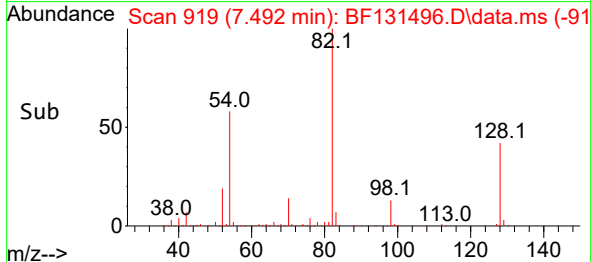
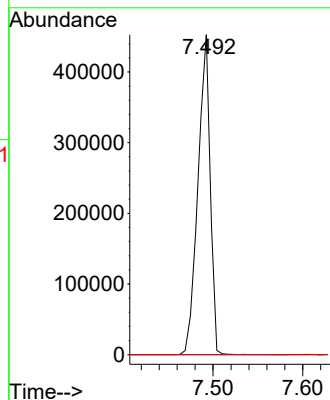
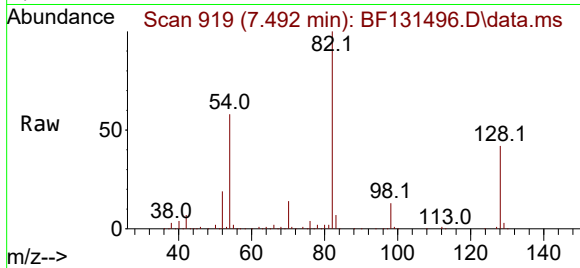




#25
Isophorone
Concen: 34.843 ng
RT: 7.492 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131496.D
Acq: 02 Dec 2022 15:20

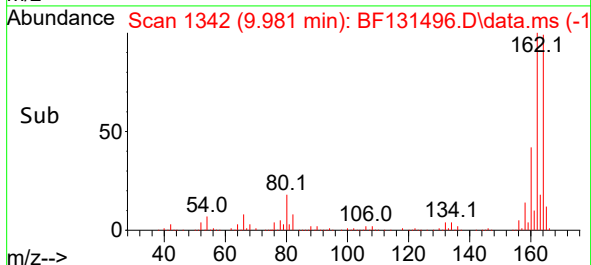
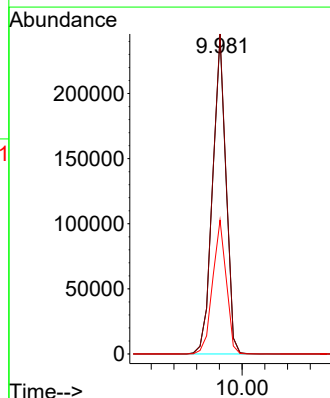
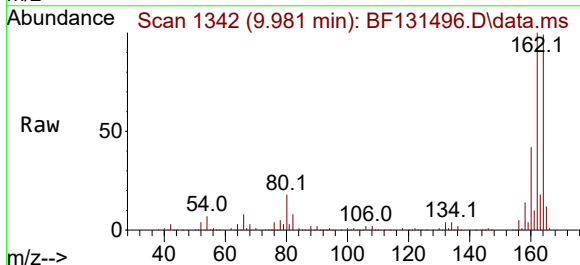
Instrument :
BNA_F
ClientSampleId :
PE-4

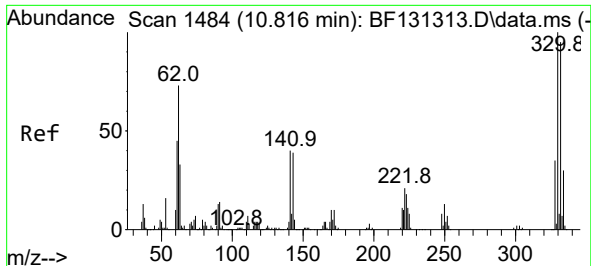
Tgt Ion: 82 Resp: 429571
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BF131496.D
Acq: 02 Dec 2022 15:20

Tgt Ion:164 Resp: 199317
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 42.2 34.4 51.6

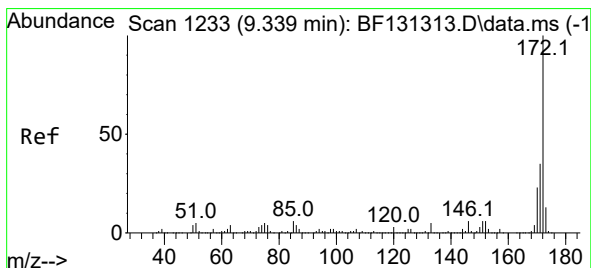
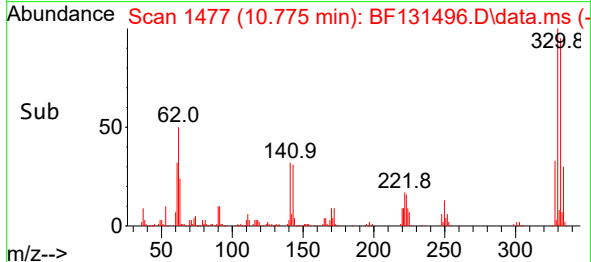
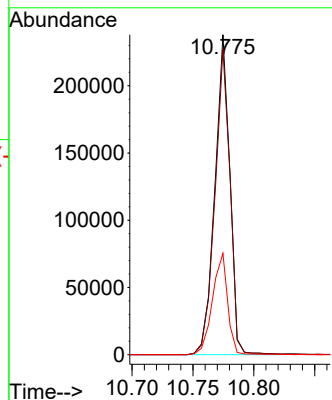
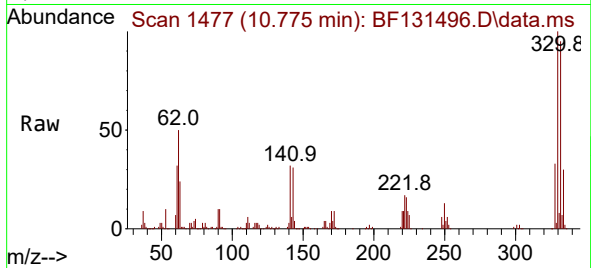




#42
2,4,6-Tribromophenol
Concen: 121.314 ng
RT: 10.775 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF131496.D
Acq: 02 Dec 2022 15:20

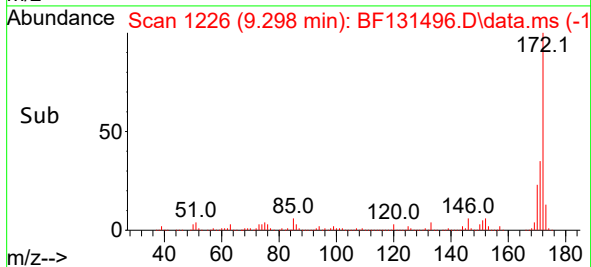
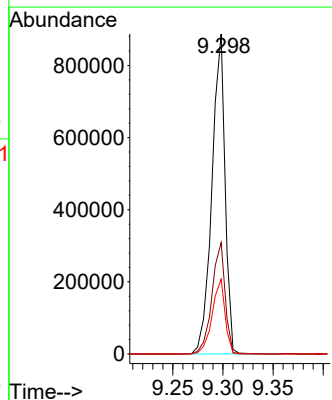
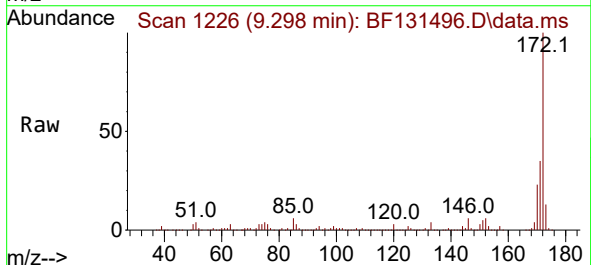
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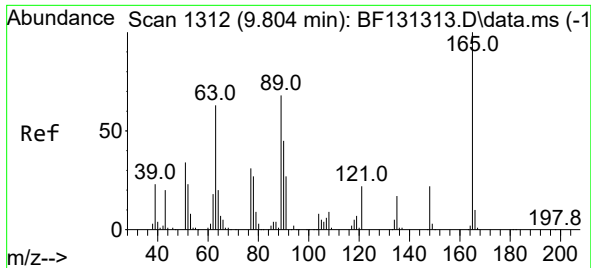
Tgt Ion: 330 Resp: 203427
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 32.2 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 59.295 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF131496.D
Acq: 02 Dec 2022 15:20

Tgt Ion: 172 Resp: 812370
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.4 18.7 28.1

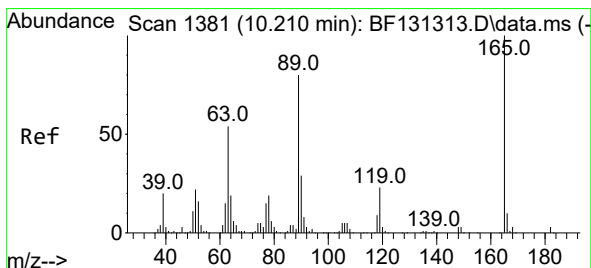
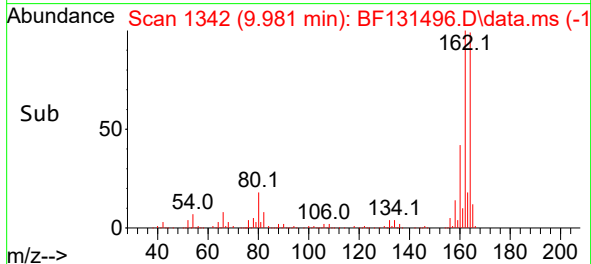
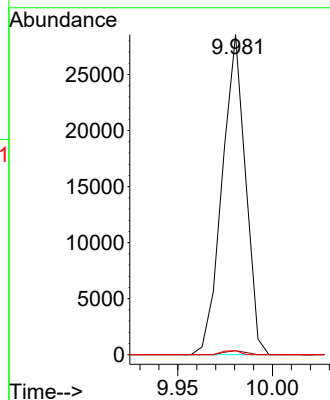
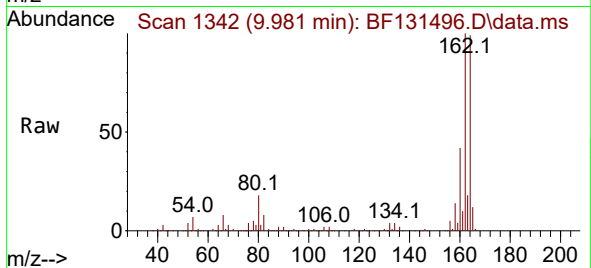




#51
2,6-Dinitrotoluene
Concen: 8.820 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.212 min
Lab File: BF131496.D
Acq: 02 Dec 2022 15:20

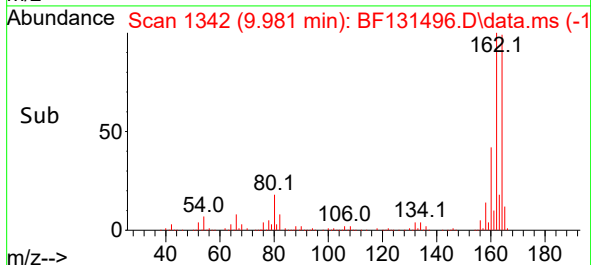
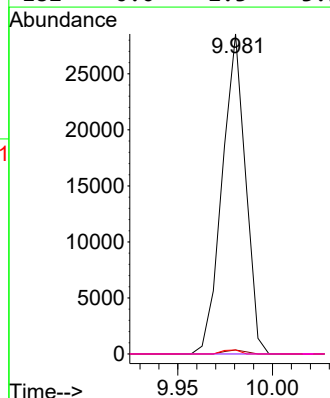
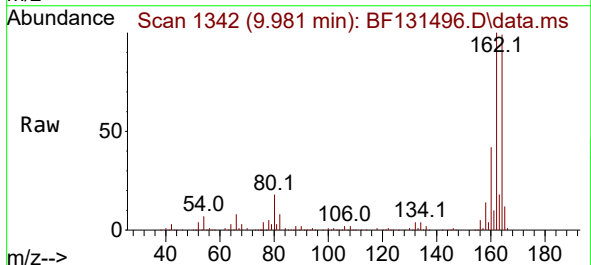
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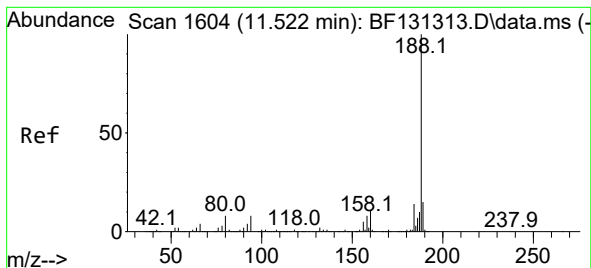
Tgt Ion:165 Resp: 24496
Ion Ratio Lower Upper
165 100
63 1.3 62.0 93.0#
89 1.3 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.010 ng
RT: 9.981 min Scan# 1342
Delta R.T. -0.194 min
Lab File: BF131496.D
Acq: 02 Dec 2022 15:20

Tgt Ion:165 Resp: 24496
Ion Ratio Lower Upper
165 100
63 1.3 43.4 65.2#
89 1.3 64.0 96.0#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.475 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131496.D

Acq: 02 Dec 2022 15:20

Instrument :

BNA_F

ClientSampleId :

PE-4

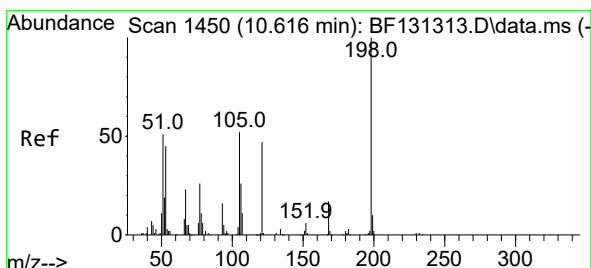
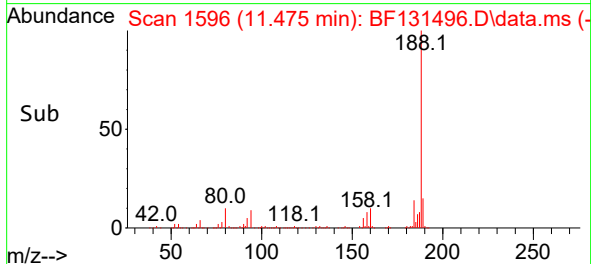
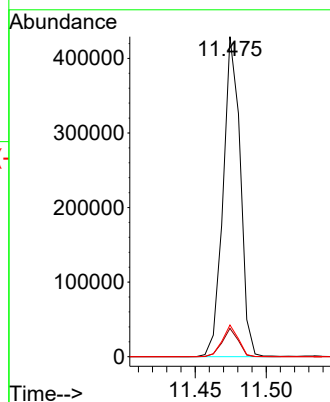
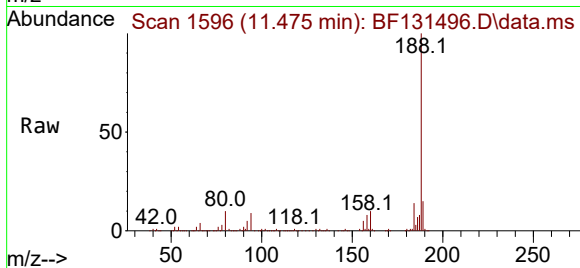
Tgt Ion:188 Resp: 359563

Ion Ratio Lower Upper

188 100

94 8.9 6.3 9.5

80 9.9 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 4.879 ng

RT: 10.775 min Scan# 1477

Delta R.T. 0.194 min

Lab File: BF131496.D

Acq: 02 Dec 2022 15:20

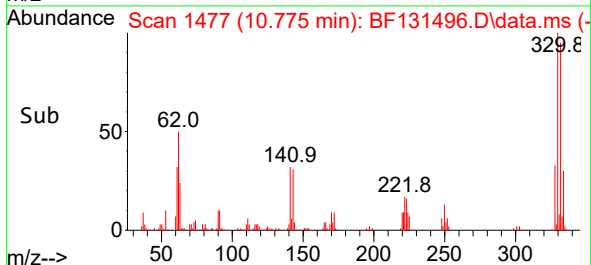
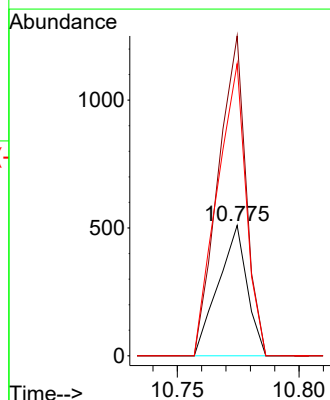
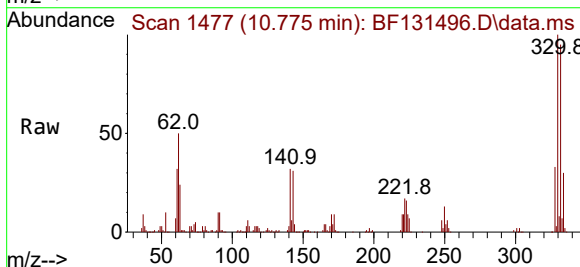
Tgt Ion:198 Resp: 420

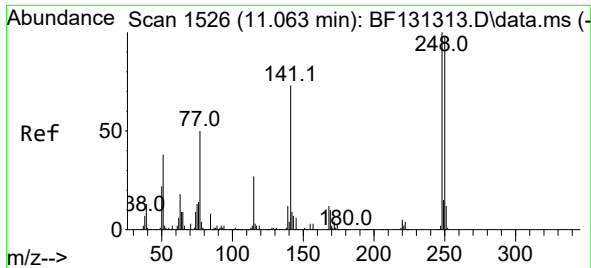
Ion Ratio Lower Upper

198 100

51 245.3 50.1 90.1#

105 224.1 32.5 72.5#

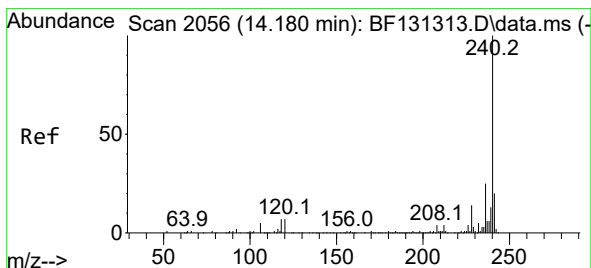
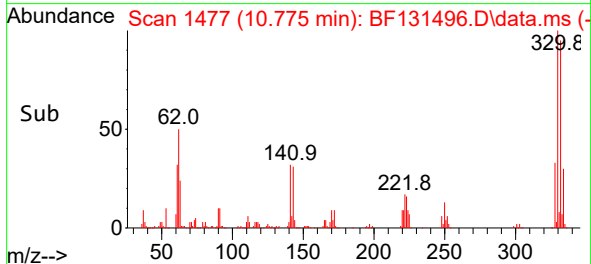
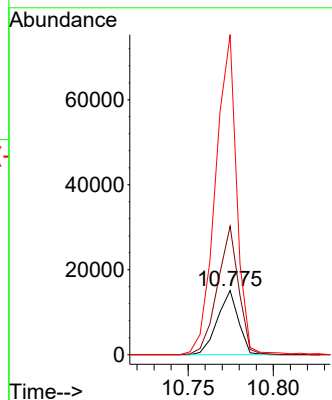
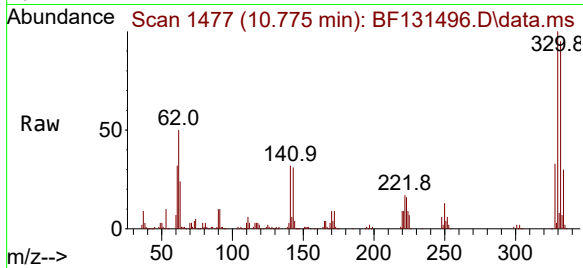




#67
4-Bromophenyl-phenylether
Concen: 2.939 ng
RT: 10.775 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131496.D
Acq: 02 Dec 2022 15:20

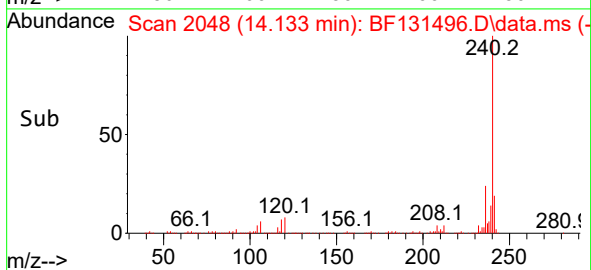
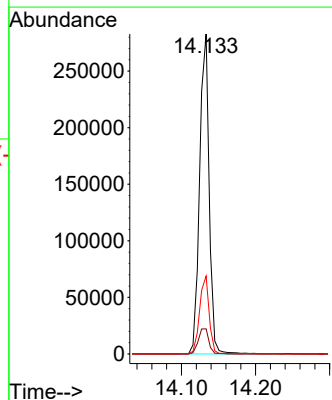
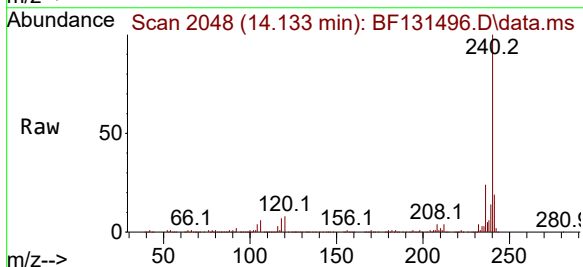
Instrument :
BNA_F
ClientSampleId :
PE-4

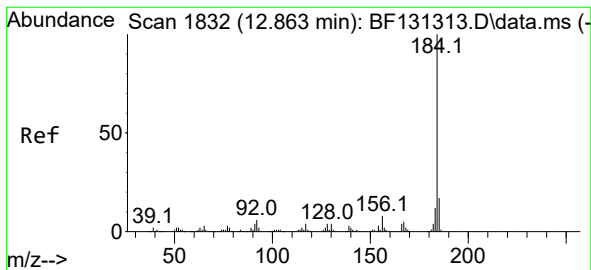
Tgt Ion:248 Resp: 12954
Ion Ratio Lower Upper
248 100
250 200.5 78.3 117.5#
141 499.1 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BF131496.D
Acq: 02 Dec 2022 15:20

Tgt Ion:240 Resp: 251296
Ion Ratio Lower Upper
240 100
120 7.9 5.8 8.8
236 24.3 20.3 30.5





#77

Benzidine

Concen: 2.447 ng

RT: 13.069 min Scan# 1867

Delta R.T. 0.247 min

Lab File: BF131496.D

Acq: 02 Dec 2022 15:20

Instrument :

BNA_F

ClientSampleId :

PE-4

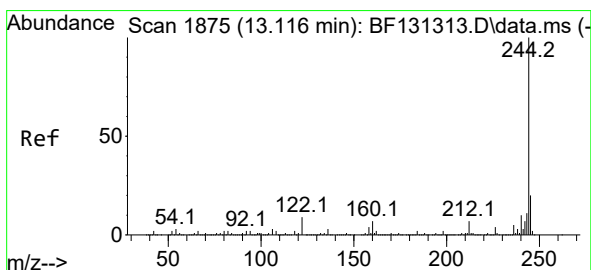
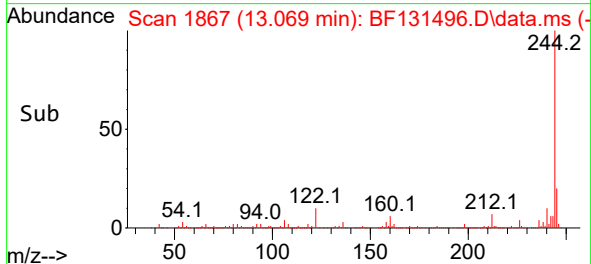
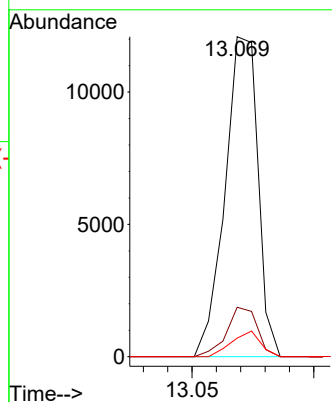
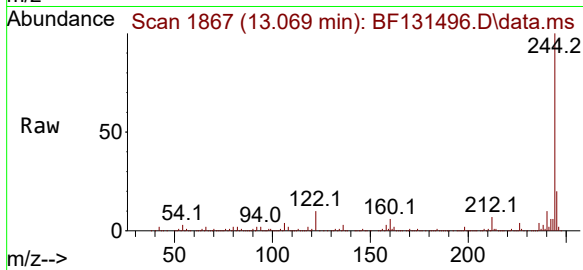
Tgt Ion:184 Resp: 11359

Ion Ratio Lower Upper

184 100

185 15.4 13.8 20.8

183 5.8 9.6 14.4#



#79

Terphenyl-d14

Concen: 58.123 ng

RT: 13.074 min Scan# 1868

Delta R.T. 0.000 min

Lab File: BF131496.D

Acq: 02 Dec 2022 15:20

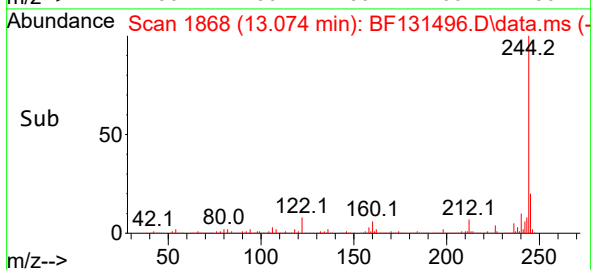
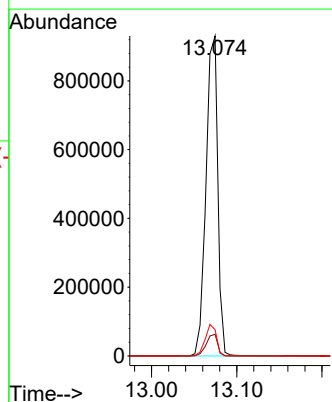
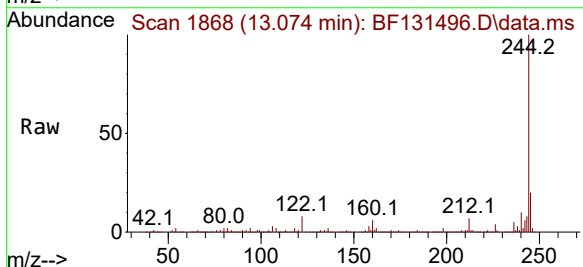
Tgt Ion:244 Resp: 893192

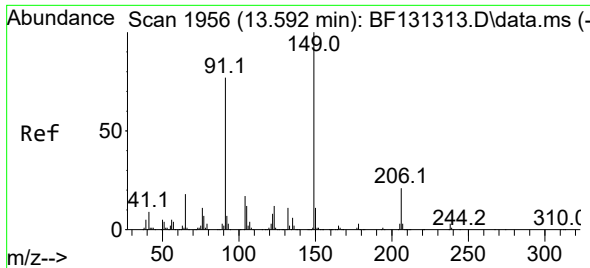
Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 8.2 7.5 11.3

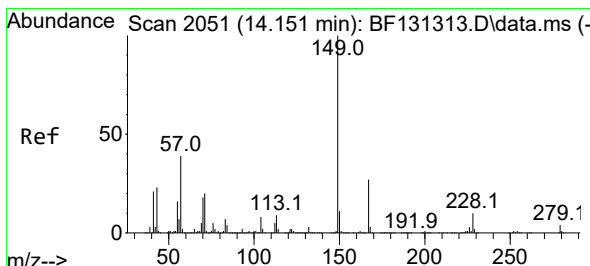
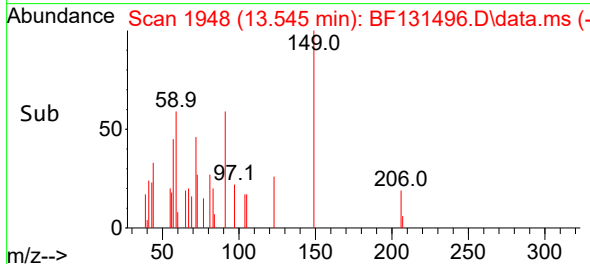
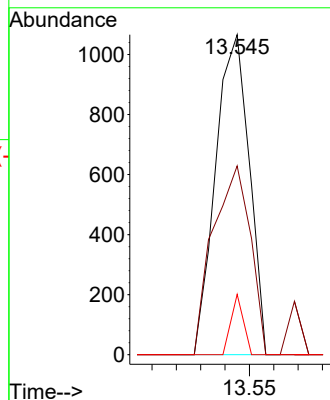
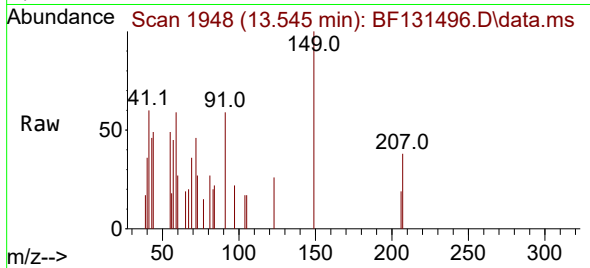




#80
Butylbenzylphthalate
Concen: 4.269 ng
RT: 13.545 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BF131496.D
Acq: 02 Dec 2022 15:20

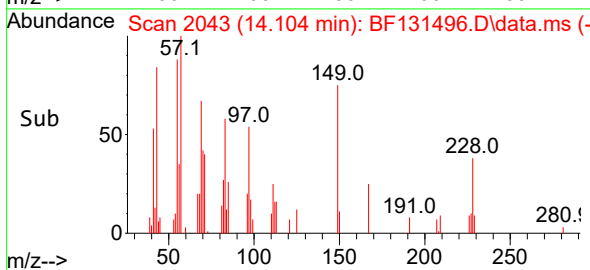
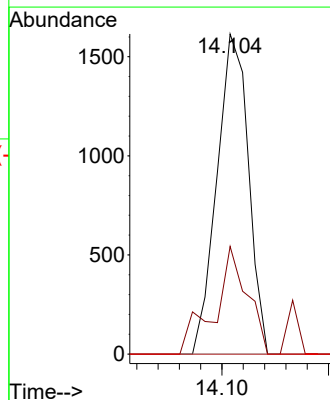
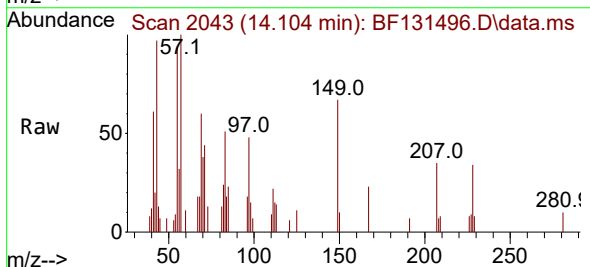
Instrument :
BNA_F
ClientSampleId :
PE-4

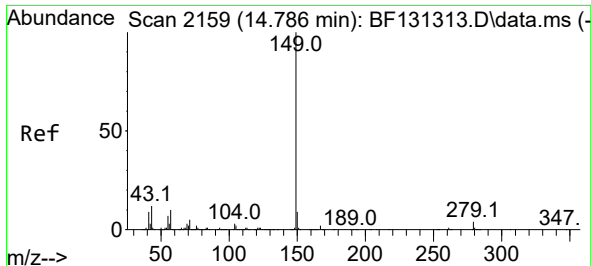
Tgt Ion:149 Resp: 1022
Ion Ratio Lower Upper
149 100
91 59.0 61.9 92.9#
206 18.9 16.5 24.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.903 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF131496.D
Acq: 02 Dec 2022 15:20

Tgt Ion:149 Resp: 1658
Ion Ratio Lower Upper
149 100
167 33.6 21.9 32.9#
279 0.0 3.0 4.4#

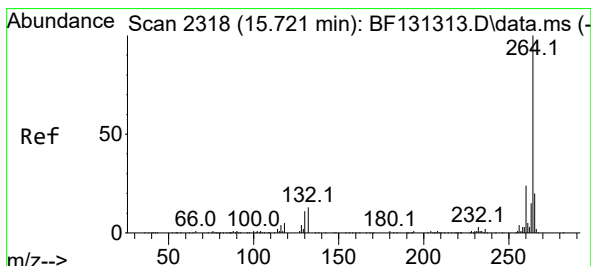
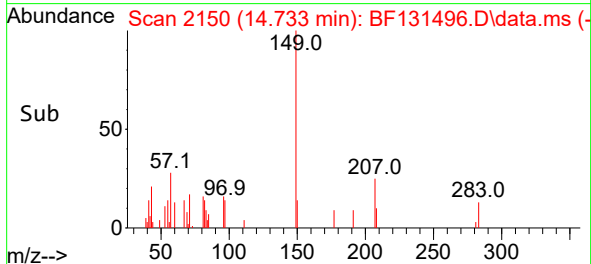
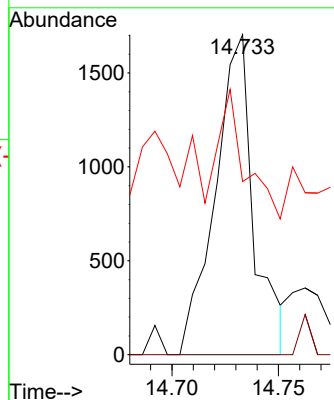
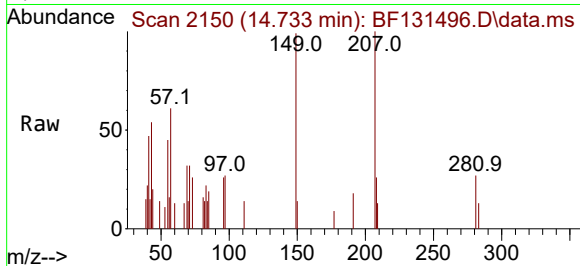




#85
Di-n-octyl phthalate
Concen: 4.076 ng
RT: 14.733 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BF131496.D
Acq: 02 Dec 2022 15:20

Instrument :
BNA_F
ClientSampleId :
PE-4

Tgt Ion:149 Resp: 2146
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 51.2 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 2307
Delta R.T. -0.006 min
Lab File: BF131496.D
Acq: 02 Dec 2022 15:20

Tgt Ion:264 Resp: 204952
Ion Ratio Lower Upper
264 100
260 22.7 19.0 28.4
265 21.1 16.4 24.6

