

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120222\
 Data File : BF131495.D
 Acq On : 02 Dec 2022 14:47
 Operator : CG\JU
 Sample : N5793-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-2022-11-28

Quant Time: Dec 05 00:02:33 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)

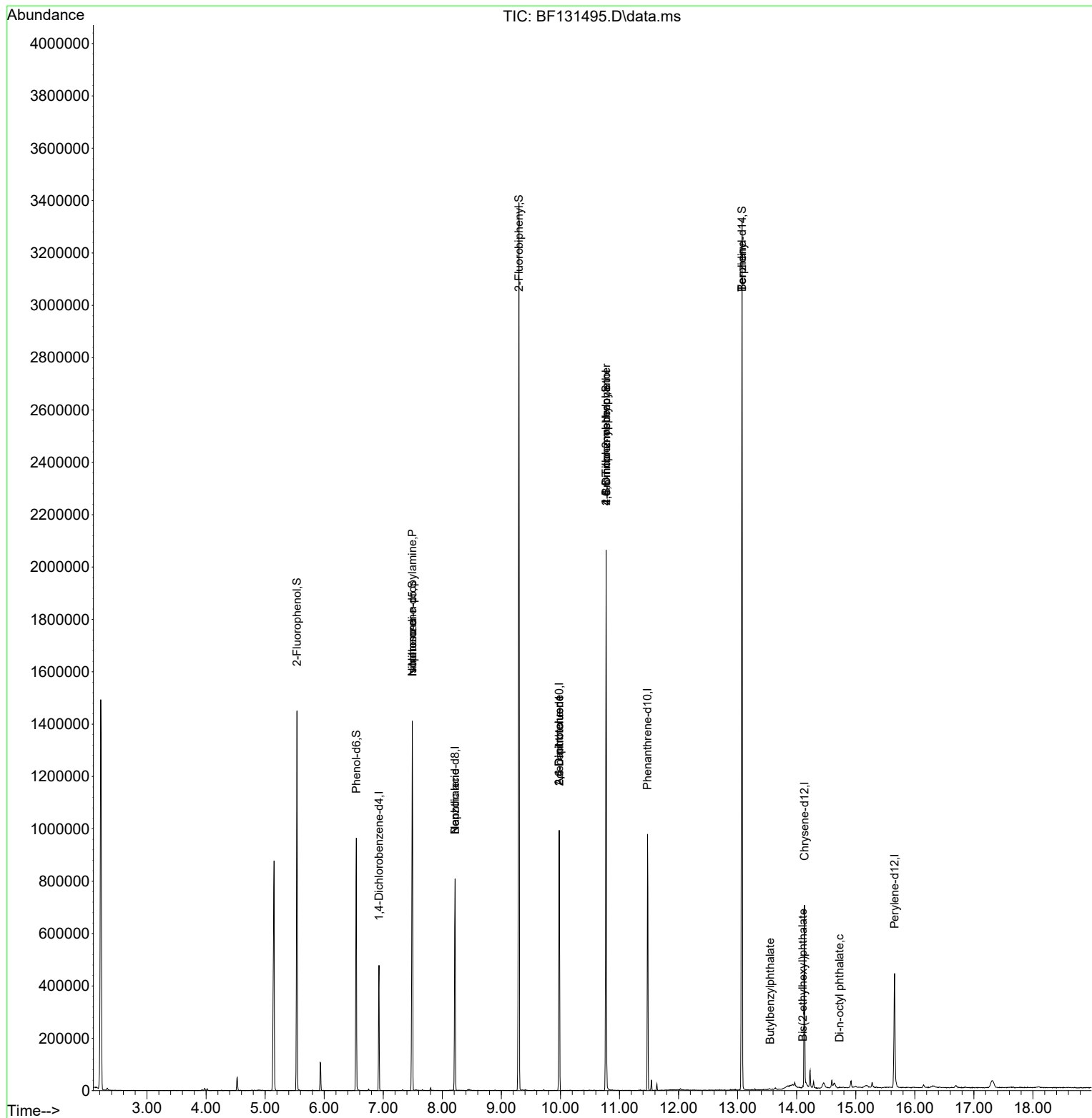
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	64692	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	335417	20.000	ng	# 0.00
39) Acenaphthene-d10	9.981	164	191688	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	350495	20.000	ng	0.00
76) Chrysene-d12	14.133	240	256093	20.000	ng	0.00
86) Perylene-d12	15.657	264	211650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	325191	95.670	ng	0.00
7) Phenol-d6	6.545	99	273904	63.157	ng	-0.01
23) Nitrobenzene-d5	7.492	82	462661	69.532	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	245773	152.400	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1079222	81.908	ng	0.00
79) Terphenyl-d14	13.074	244	1234820	78.849	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.545	77	542	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.492	70	64772	20.402	ng	# 74
25) Isophorone	7.492	82	462663	38.973	ng	# 68
32) Benzoic acid	8.216	122	76	5.158	ng	# 1
51) 2,6-Dinitrotoluene	9.981	165	23964	8.972	ng	# 14
57) 2,4-Dinitrotoluene	9.981	165	23964	7.131	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.775	198	681	5.081	ng	# 1
67) 4-Bromophenyl-phenylether	10.775	248	16066	3.740	ng	# 1
77) Benzidine	13.074	184	15396	3.255	ng	# 87
80) Butylbenzylphthalate	13.551	149	671	4.224	ng	# 88
84) Bis(2-ethylhexyl)phtha...	14.104	149	1704	3.905	ng	# 97
85) Di-n-octyl phthalate	14.727	149	1155	3.994	ng	# 33

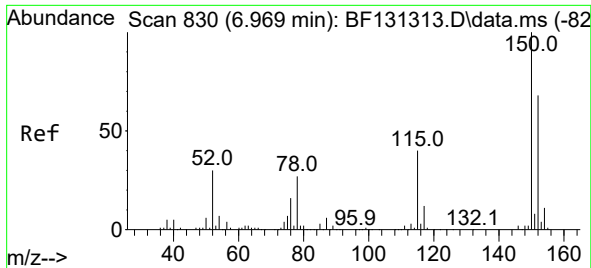
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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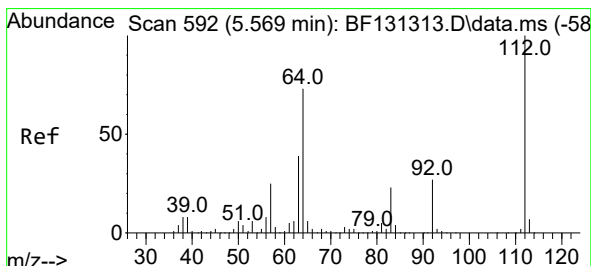
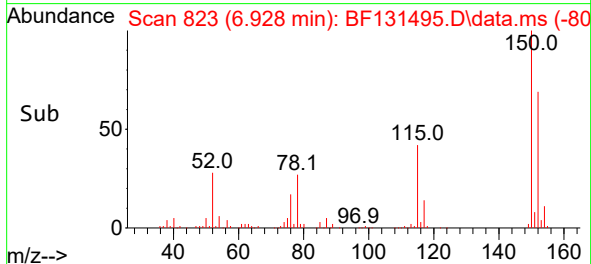
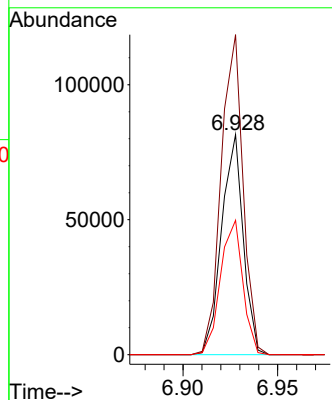
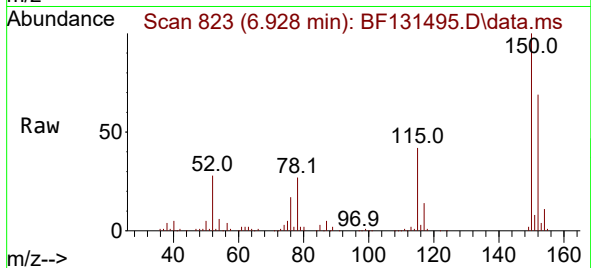




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131495.D
Acq: 02 Dec 2022 14:47

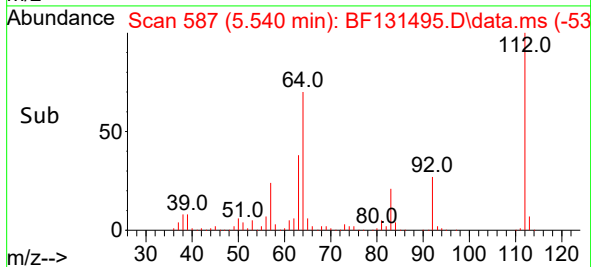
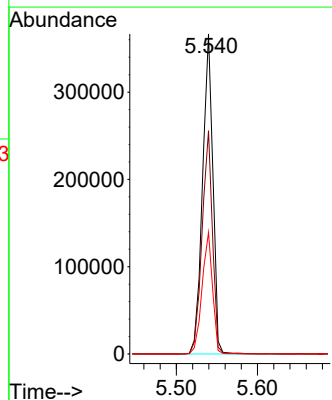
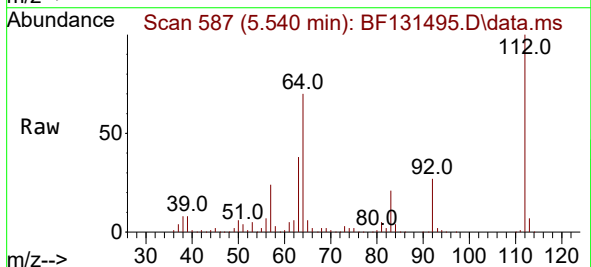
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BNA_F
ClientSampleId :
EB-2022-11-28

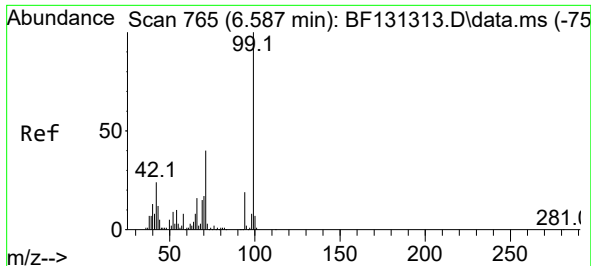
Tgt Ion:152 Resp: 64692
Ion Ratio Lower Upper
152 100
150 145.4 117.8 176.8
115 61.1 47.1 70.7



#5
2-Fluorophenol
Concen: 95.670 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.006 min
Lab File: BF131495.D
Acq: 02 Dec 2022 14:47

Tgt Ion:112 Resp: 325191
Ion Ratio Lower Upper
112 100
64 69.7 58.6 88.0
63 38.0 31.4 47.0

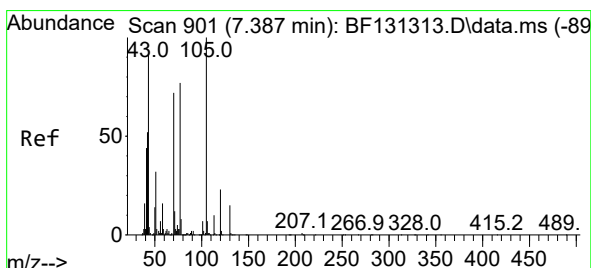
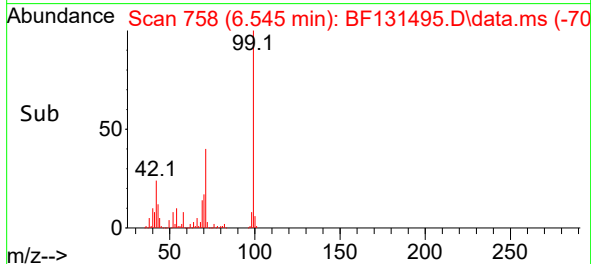
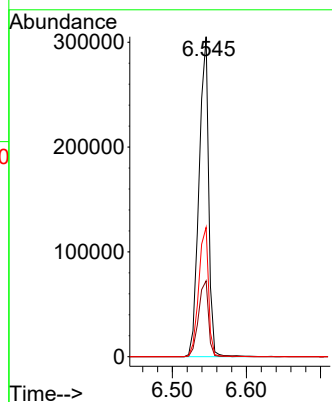
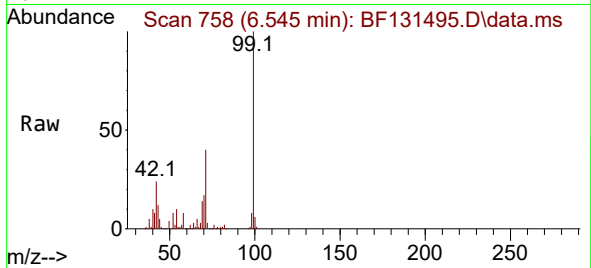




#7
Phenol-d6
Concen: 63.157 ng
RT: 6.545 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF131495.D
Acq: 02 Dec 2022 14:47

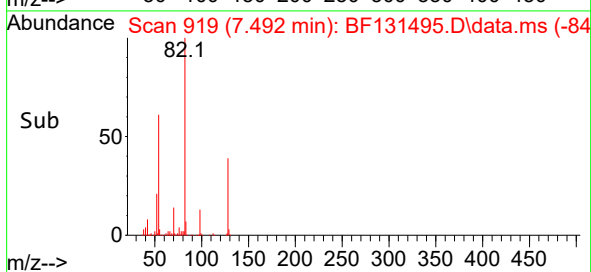
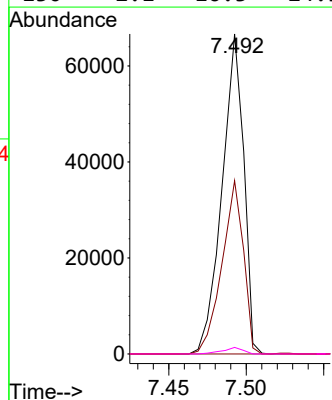
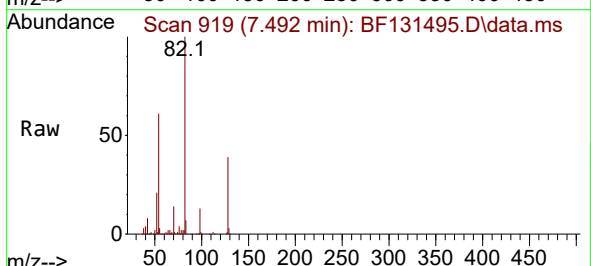
Instrument :
BNA_F
ClientSampleId :
EB-2022-11-28

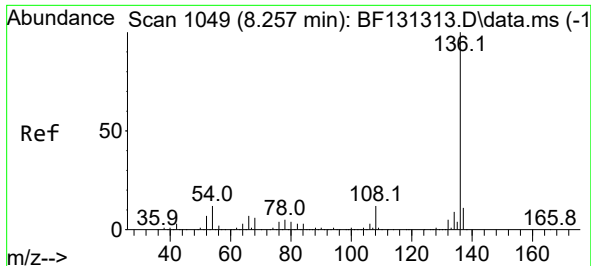
Tgt Ion: 99 Resp: 273904
Ion Ratio Lower Upper
99 100
42 23.7 19.4 29.2
71 40.4 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.402 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.147 min
Lab File: BF131495.D
Acq: 02 Dec 2022 14:47

Tgt Ion: 70 Resp: 64772
Ion Ratio Lower Upper
70 100
42 54.2 57.6 86.4#
101 0.0 8.2 12.2#
130 2.1 16.3 24.5#

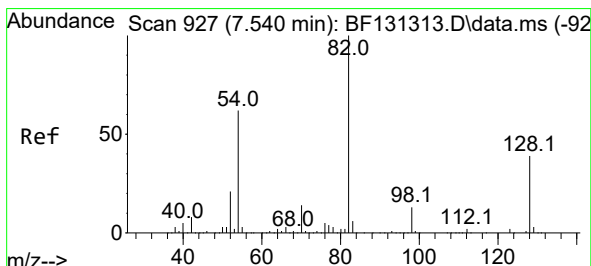
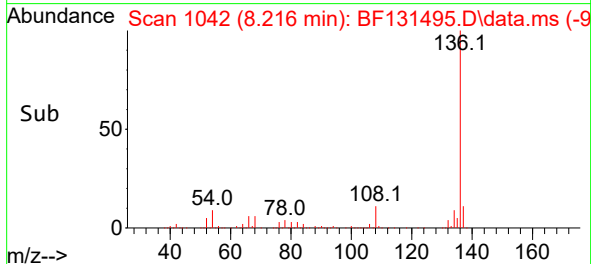
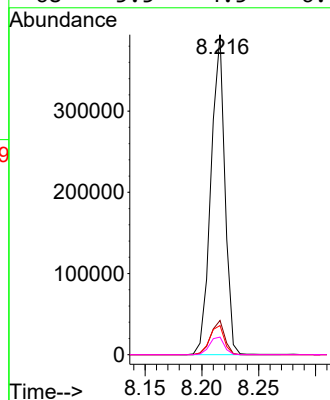
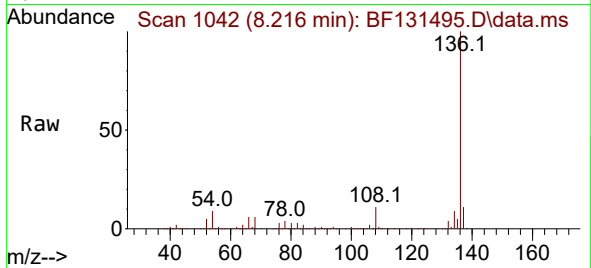




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF131495.D
Acq: 02 Dec 2022 14:47

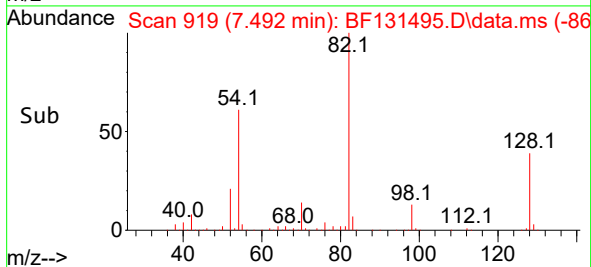
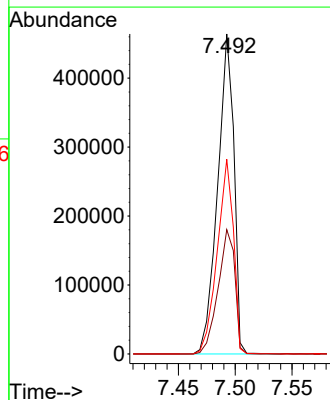
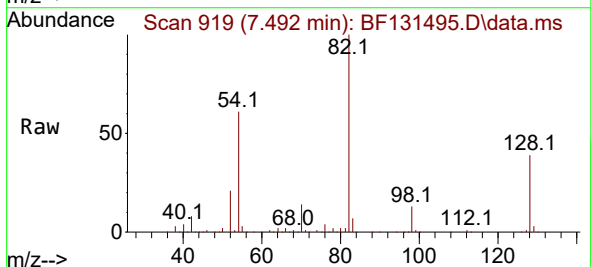
Instrument :
BNA_F
ClientSampleId :
EB-2022-11-28

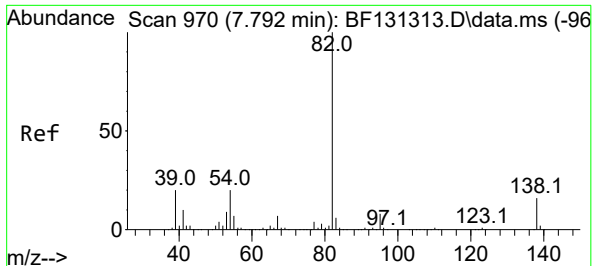
Tgt Ion:136 Resp: 335417
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 9.1 9.4 14.0#
68 5.5 4.5 6.7



#23
Nitrobenzene-d5
Concen: 69.532 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF131495.D
Acq: 02 Dec 2022 14:47

Tgt Ion: 82 Resp: 462661
Ion Ratio Lower Upper
82 100
128 38.8 31.4 47.0
54 60.9 49.8 74.6

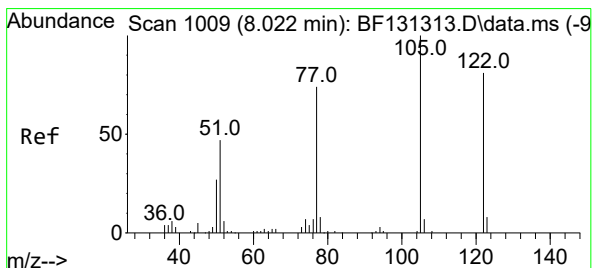
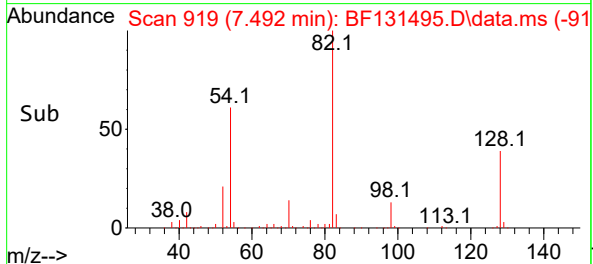
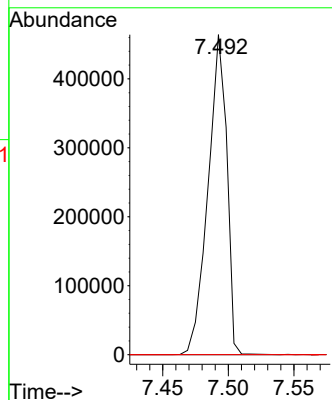
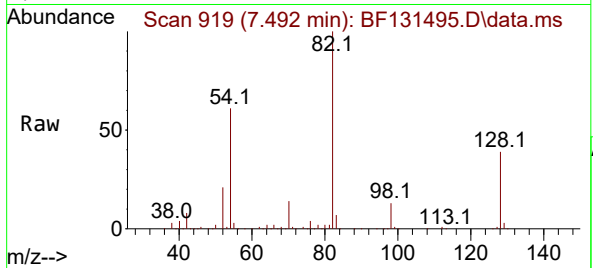




#25
Isophorone
Concen: 38.973 ng
RT: 7.492 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131495.D
Acq: 02 Dec 2022 14:47

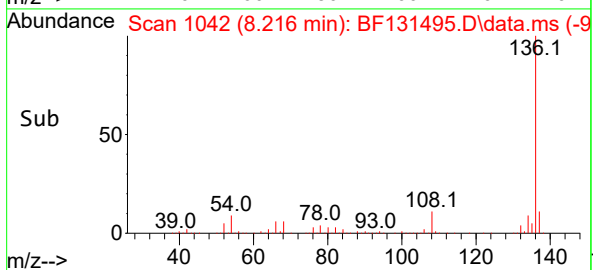
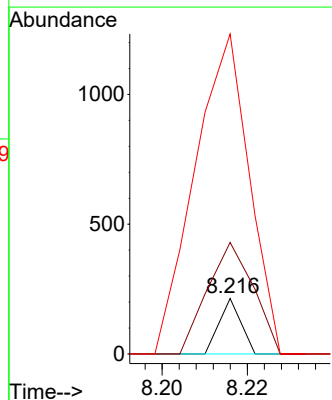
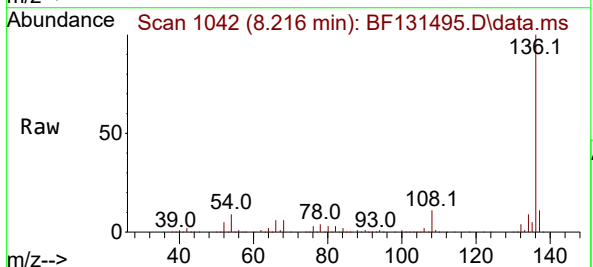
Instrument :
BNA_F
ClientSampleId :
EB-2022-11-28

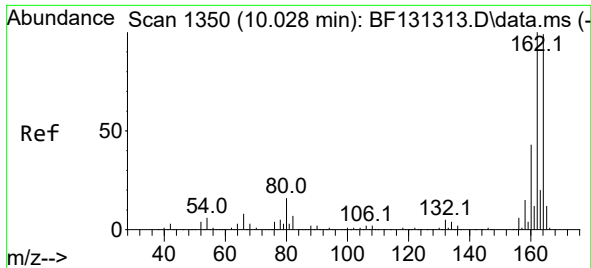
Tgt Ion: 82 Resp: 462663
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.158 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.224 min
Lab File: BF131495.D
Acq: 02 Dec 2022 14:47

Tgt Ion: 122 Resp: 76
Ion Ratio Lower Upper
122 100
105 200.9 103.8 143.8#
77 576.2 74.3 114.3#

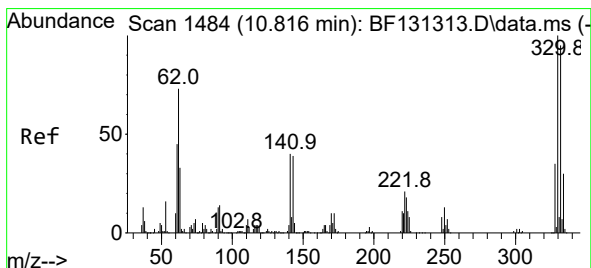
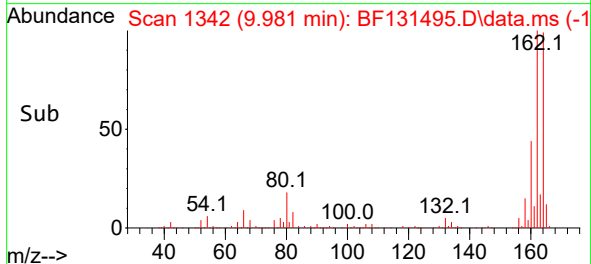
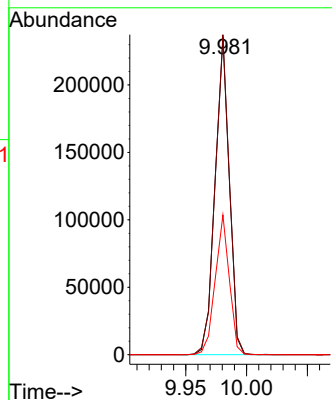
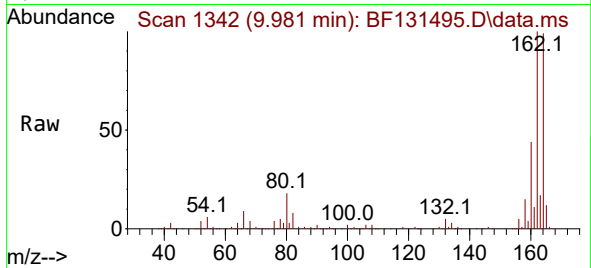




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131495.D
Acq: 02 Dec 2022 14:47

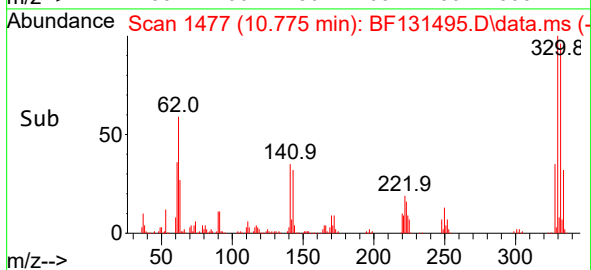
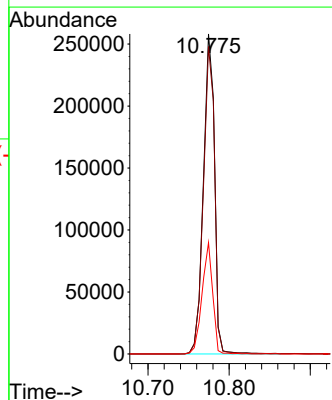
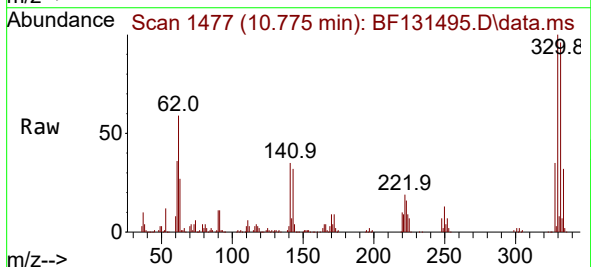
Instrument :
BNA_F
ClientSampleId :
EB-2022-11-28

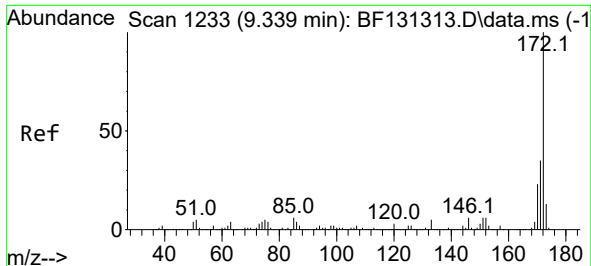
Tgt Ion:164 Resp: 191688
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 44.0 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 152.400 ng
RT: 10.775 min Scan# 1477
Delta R.T. -0.006 min
Lab File: BF131495.D
Acq: 02 Dec 2022 14:47

Tgt Ion:330 Resp: 245773
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 33.3 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 81.908 ng

RT: 9.298 min Scan# 1342

Delta R.T. -0.006 min

Lab File: BF131495.D

Acq: 02 Dec 2022 14:47

Instrument :

BNA_F

ClientSampleId :

EB-2022-11-28

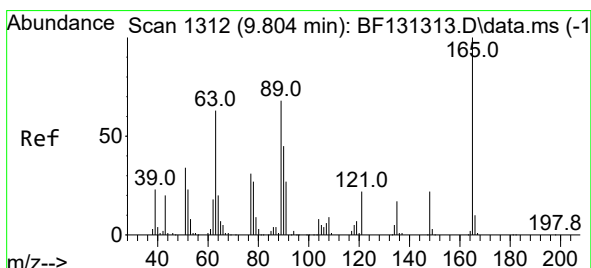
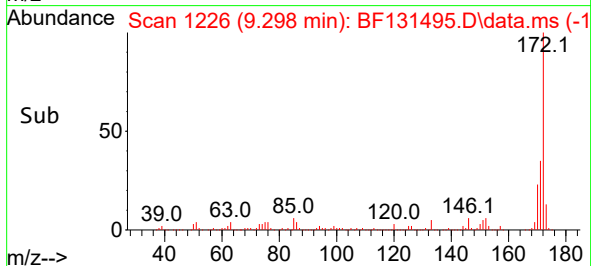
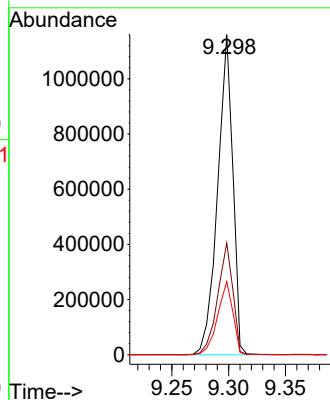
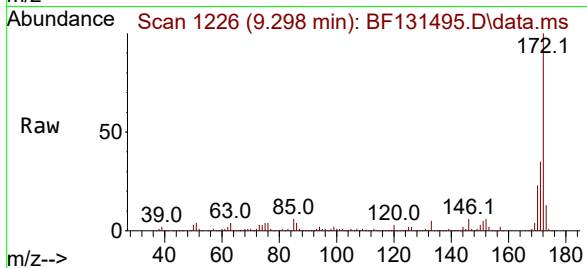
Tgt Ion:172 Resp: 1079222

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 22.8 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 8.972 ng

RT: 9.981 min Scan# 1342

Delta R.T. 0.212 min

Lab File: BF131495.D

Acq: 02 Dec 2022 14:47

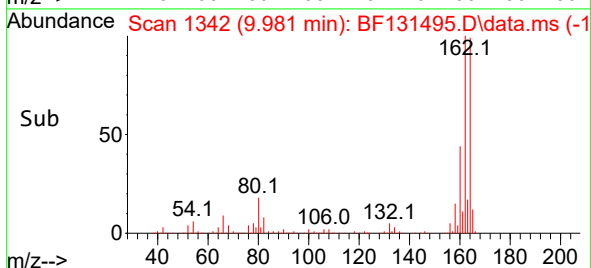
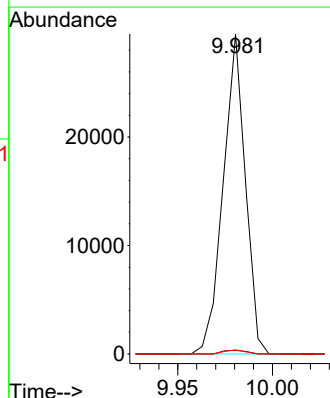
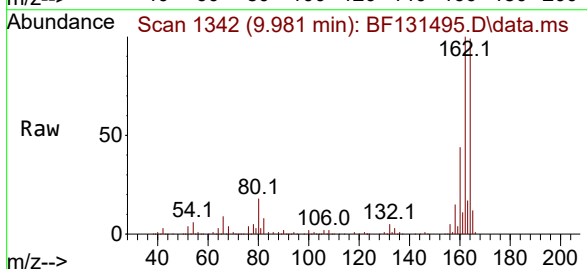
Tgt Ion:165 Resp: 23964

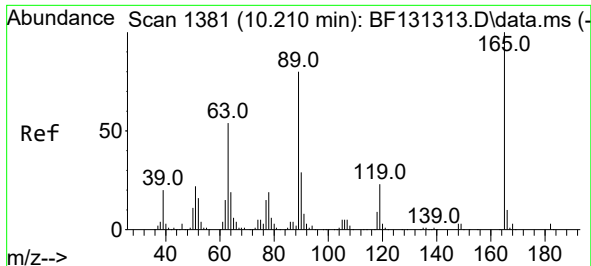
Ion Ratio Lower Upper

165 100

63 1.1 62.0 93.0#

89 1.2 54.4 81.6#

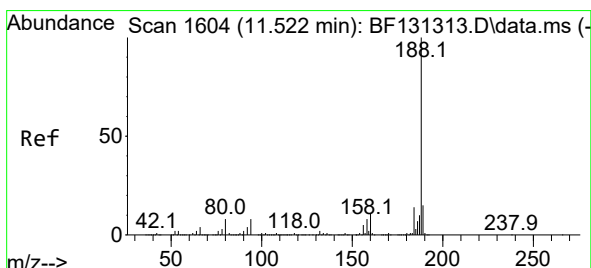
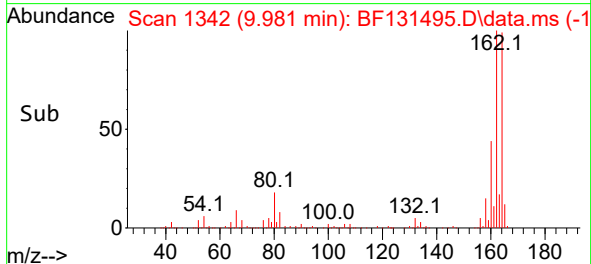
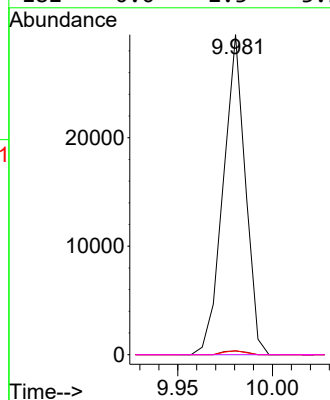
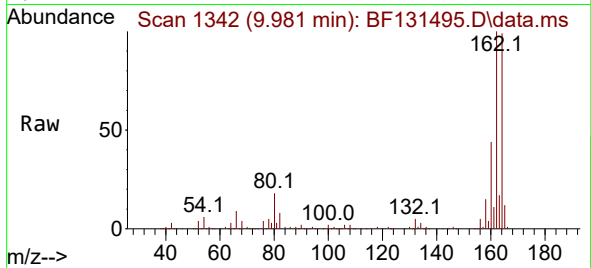




#57
2,4-Dinitrotoluene
Concen: 7.131 ng
RT: 9.981 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131495.D
Acq: 02 Dec 2022 14:47

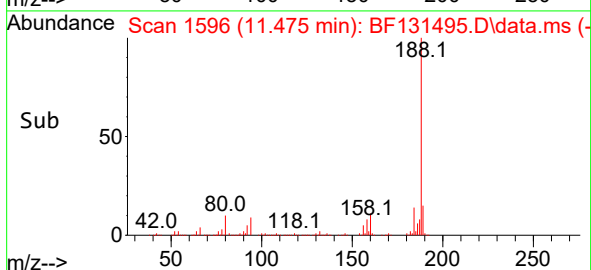
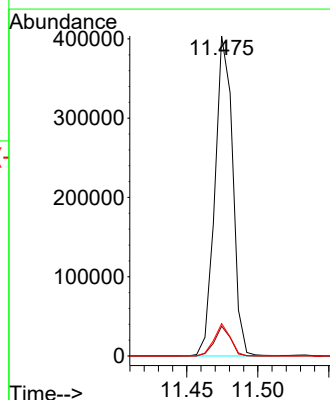
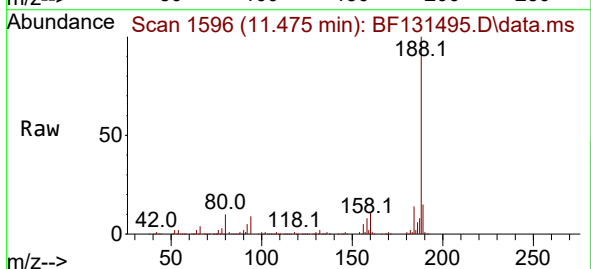
Instrument :
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EB-2022-11-28

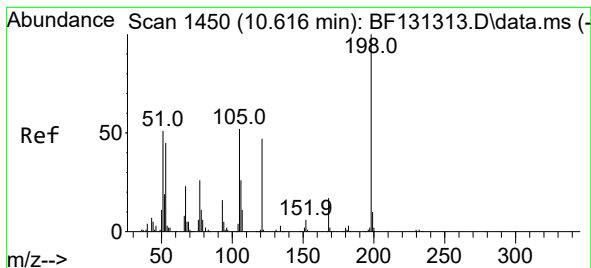
Tgt Ion:165 Resp: 23964
Ion Ratio Lower Upper
165 100
63 1.1 43.4 65.2#
89 1.2 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF131495.D
Acq: 02 Dec 2022 14:47

Tgt Ion:188 Resp: 350495
Ion Ratio Lower Upper
188 100
94 9.3 6.3 9.5
80 10.1 6.8 10.2

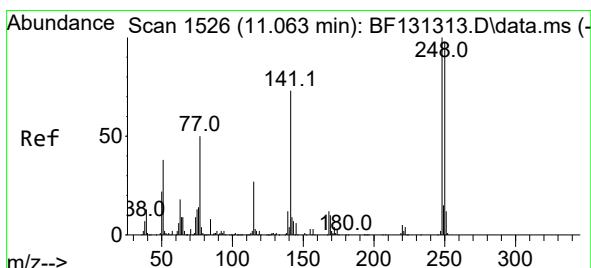
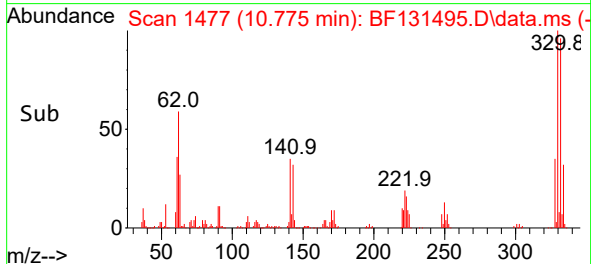
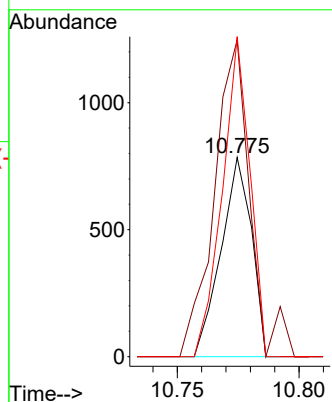
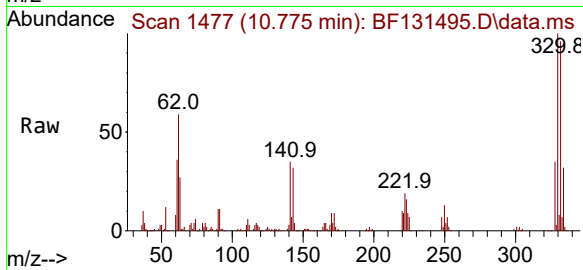




#65
4,6-Dinitro-2-methylphenol
Concen: 5.081 ng
RT: 10.775 min Scan# 1477
Delta R.T. 0.194 min
Lab File: BF131495.D
Acq: 02 Dec 2022 14:47

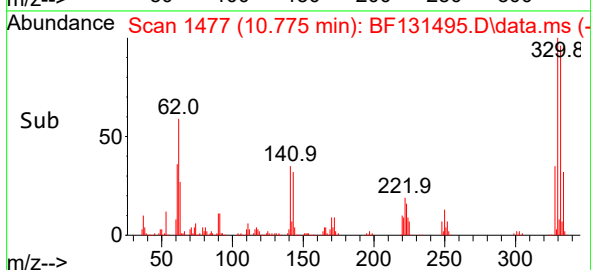
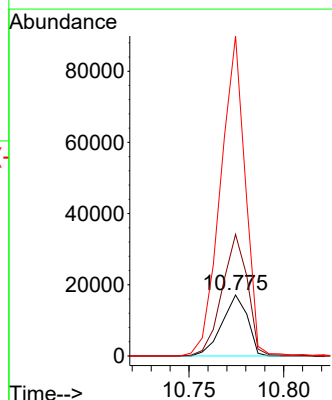
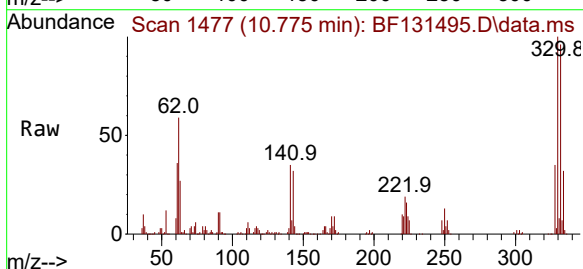
Instrument :
BNA_F
ClientSampleId :
EB-2022-11-28

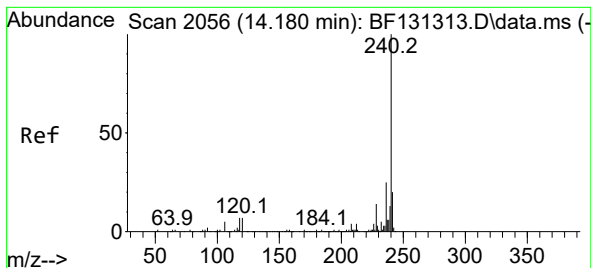
Tgt Ion:198 Resp: 681
Ion Ratio Lower Upper
198 100
51 159.2 50.1 90.1#
105 160.7 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 3.740 ng
RT: 10.775 min Scan# 1477
Delta R.T. -0.247 min
Lab File: BF131495.D
Acq: 02 Dec 2022 14:47

Tgt Ion:248 Resp: 16066
Ion Ratio Lower Upper
248 100
250 199.5 78.3 117.5#
141 524.9 58.0 87.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.133 min Scan# 2056

Delta R.T. -0.006 min

Lab File: BF131495.D

Acq: 02 Dec 2022 14:47

Instrument :

BNA_F

ClientSampleId :

EB-2022-11-28

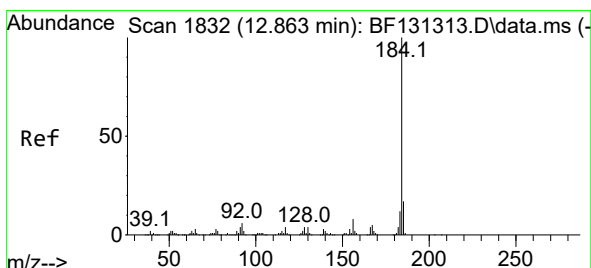
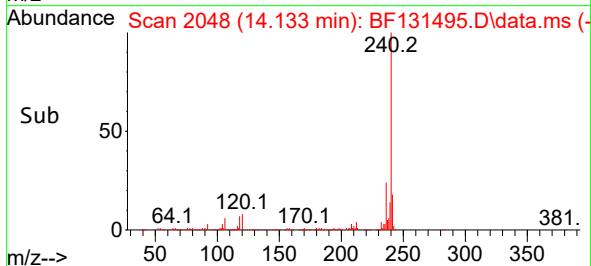
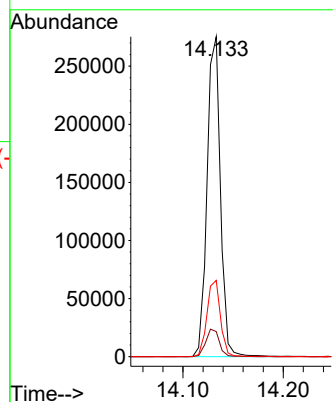
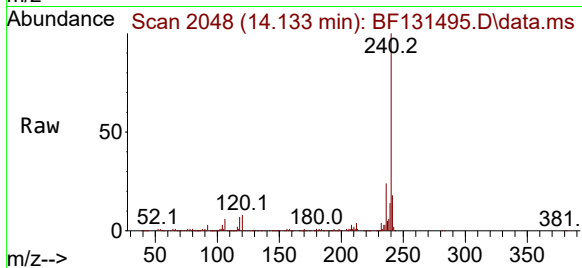
Tgt Ion:240 Resp: 256093

Ion Ratio Lower Upper

240 100

120 7.9 5.8 8.8

236 23.8 20.3 30.5



#77

Benzidine

Concen: 3.255 ng

RT: 13.074 min Scan# 1868

Delta R.T. 0.253 min

Lab File: BF131495.D

Acq: 02 Dec 2022 14:47

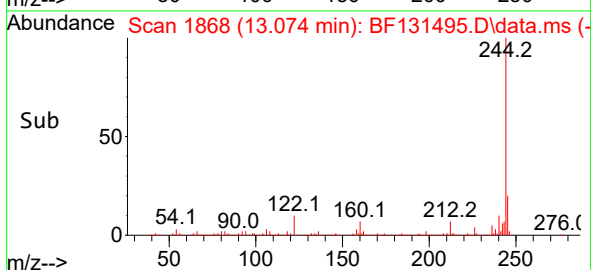
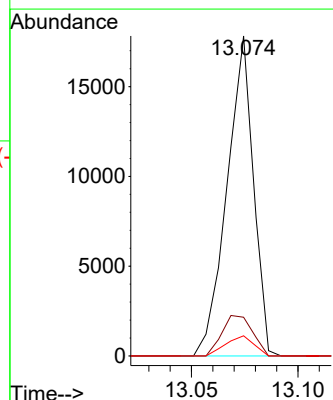
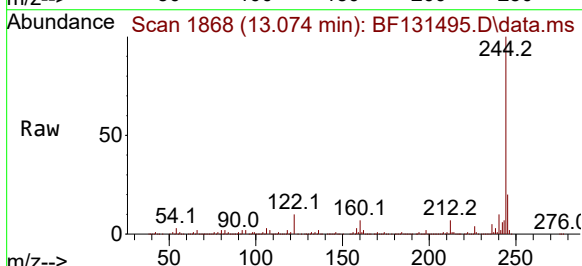
Tgt Ion:184 Resp: 15396

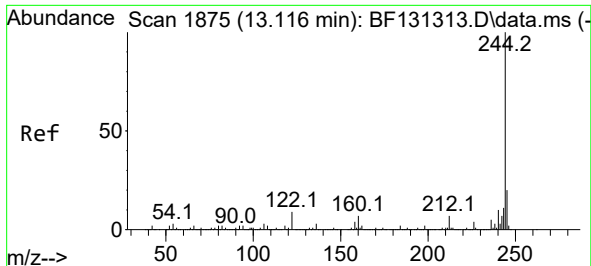
Ion Ratio Lower Upper

184 100

185 12.1 13.8 20.8#

183 6.3 9.6 14.4#

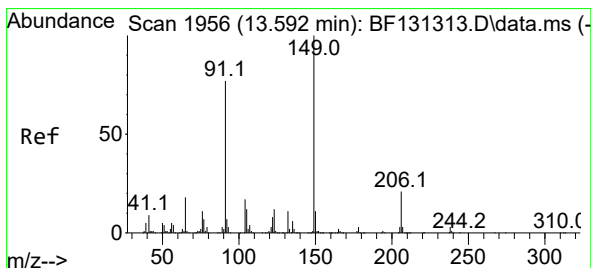
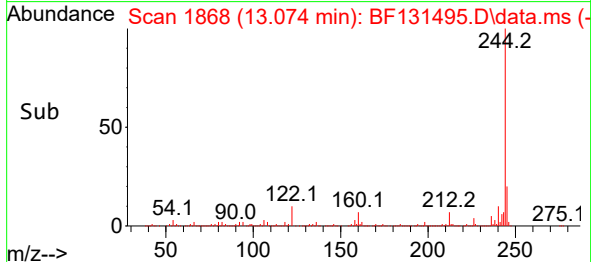
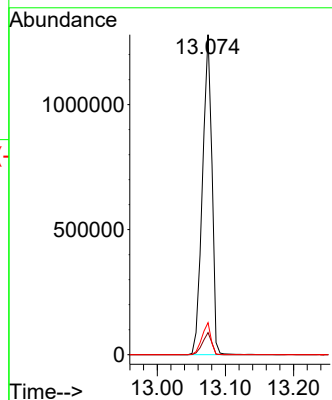
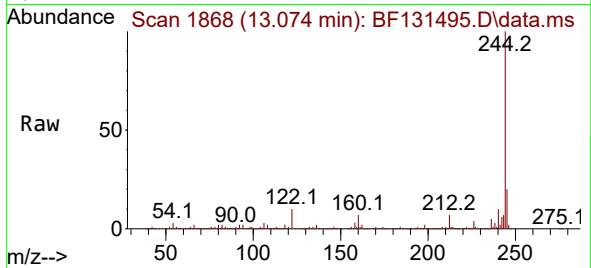




#79
 Terphenyl-d14
 Concen: 78.849 ng
 RT: 13.074 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131495.D
 Acq: 02 Dec 2022 14:47

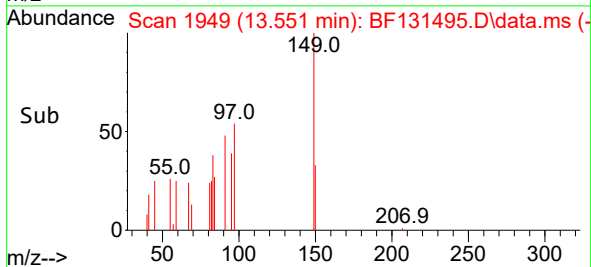
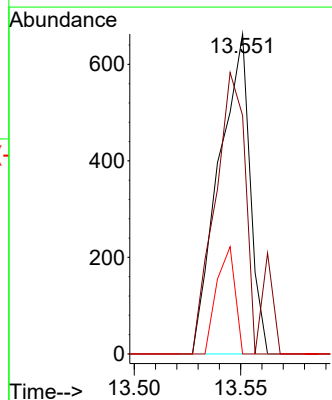
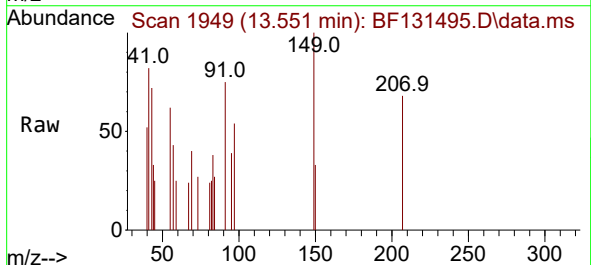
Instrument :
 BNA_F
 ClientSampleId :
 EB-2022-11-28

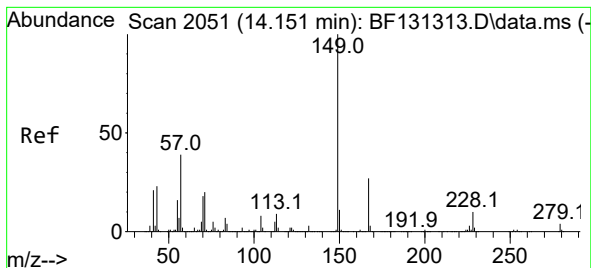
Tgt Ion:244 Resp: 1234820
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.0 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.224 ng
 RT: 13.551 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: BF131495.D
 Acq: 02 Dec 2022 14:47

Tgt Ion:149 Resp: 671
 Ion Ratio Lower Upper
 149 100
 91 74.5 61.9 92.9
 206 0.0 16.5 24.7#

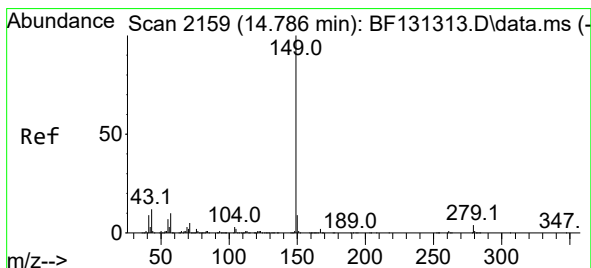
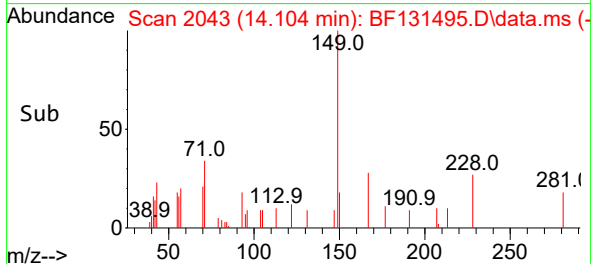
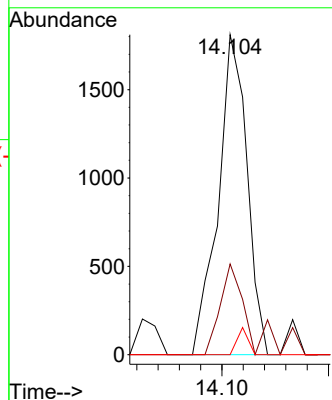
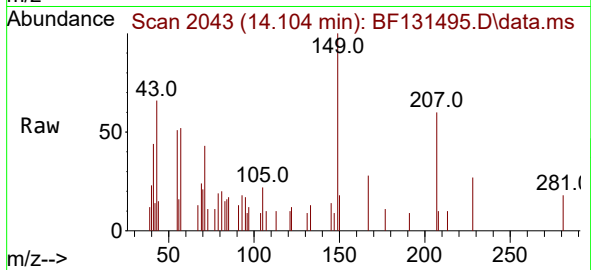




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.905 ng
RT: 14.104 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF131495.D
Acq: 02 Dec 2022 14:47

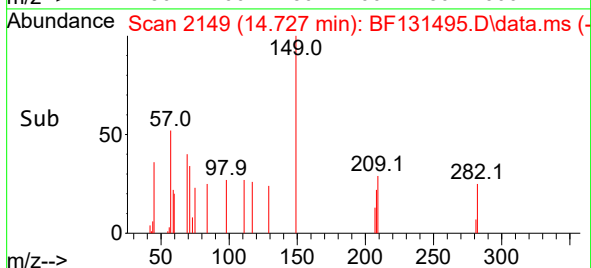
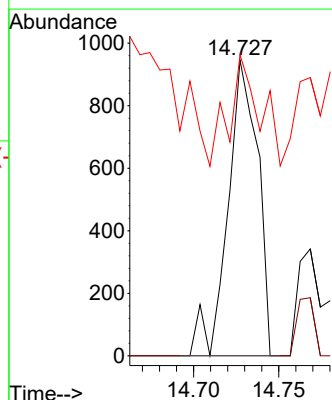
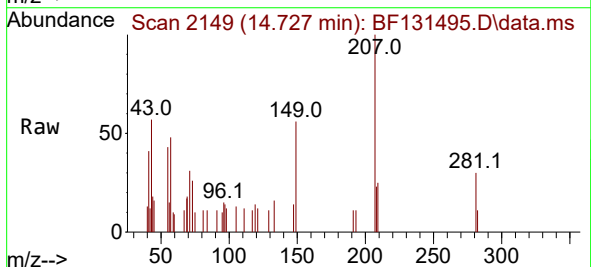
Instrument :
BNA_F
ClientSampleId :
EB-2022-11-28

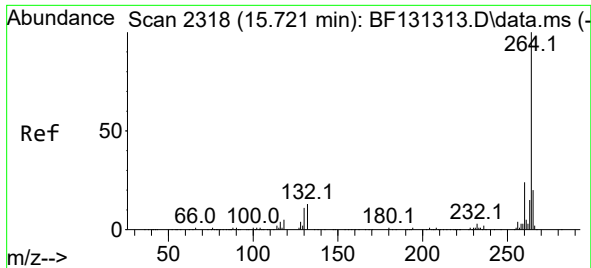
Tgt Ion:149 Resp: 1704
Ion Ratio Lower Upper
149 100
167 28.4 21.9 32.9
279 0.0 3.0 4.4#



#85
Di-n-octyl phthalate
Concen: 3.994 ng
RT: 14.727 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BF131495.D
Acq: 02 Dec 2022 14:47

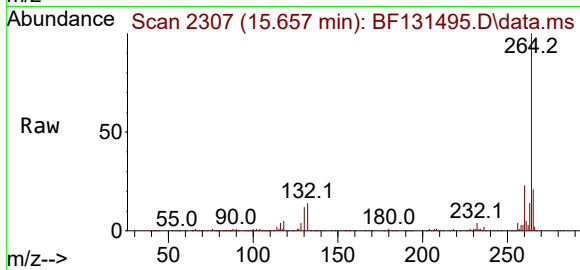
Tgt Ion:149 Resp: 1155
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 43.3 10.7 16.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF131495.D
Acq: 02 Dec 2022 14:47

Instrument :
BNA_F
ClientSampleId :
EB-2022-11-28



Tgt Ion:264 Resp: 211650

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	21.5	16.4	24.6

