

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
 Data File : BF131456.D
 Acq On : 29 Nov 2022 14:54
 Operator : CG\JU
 Sample : N5752-25
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Nov 30 01:05:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

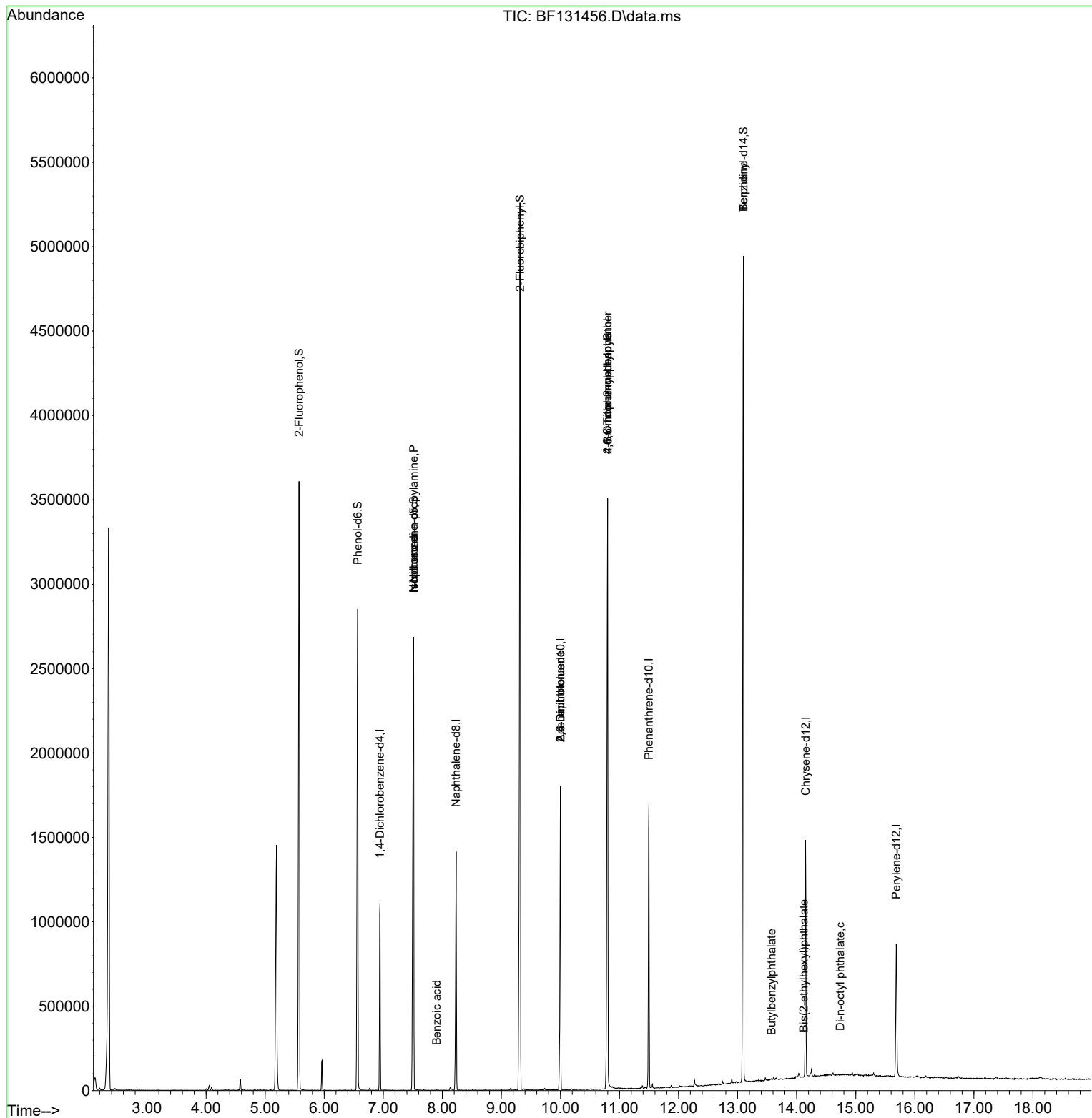
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	174276	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	652991	20.000	ng	-0.01
39) Acenaphthene-d10	9.998	164	367355	20.000	ng	-0.01
64) Phenanthrene-d10	11.498	188	648921	20.000	ng	0.00
76) Chrysene-d12	14.151	240	488506	20.000	ng	#-0.02
86) Perylene-d12	15.686	264	378535	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1076880	117.603	ng	0.02
7) Phenol-d6	6.569	99	1074061	91.932	ng	0.00
23) Nitrobenzene-d5	7.516	82	1161706	89.680	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	504476	163.230	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2022212	80.085	ng	-0.01
79) Terphenyl-d14	13.098	244	2035569	68.140	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.569	77	1870	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.516	70	155378	18.167	ng	# 69
25) Isophorone	7.516	82	1157722	50.094	ng	# 68
32) Benzoic acid	7.904	122	481	5.228	ng	92
51) 2,6-Dinitrotoluene	9.998	165	46023	8.991	ng	# 15
57) 2,4-Dinitrotoluene	9.998	165	46023	7.146	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.798	198	921	4.944	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	31400	3.948	ng	# 1
77) Benzidine	13.098	184	25664	2.844	ng	# 95
80) Butylbenzylphthalate	13.574	149	192	4.156	ng	# 26
84) Bis(2-ethylhexyl)phtha...	14.121	149	1392	3.816	ng	# 90
85) Di-n-octyl phthalate	14.739	149	245	3.912	ng	# 20

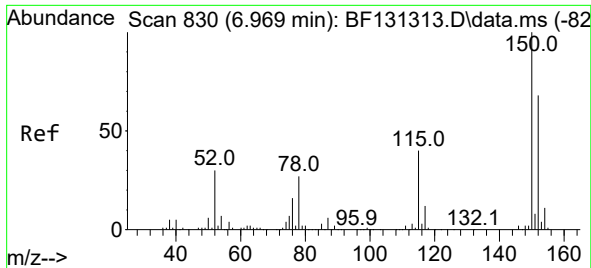
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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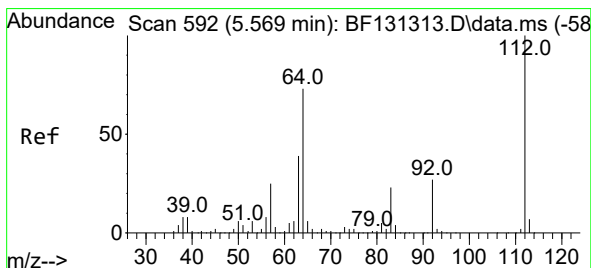
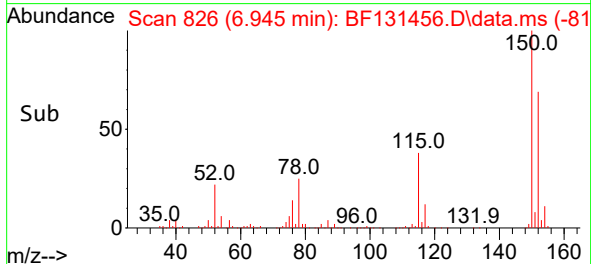
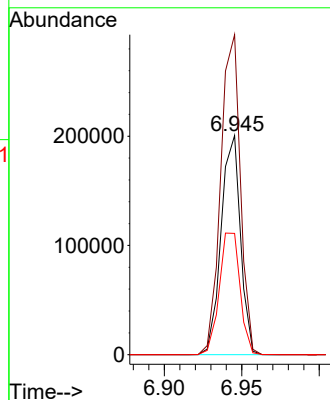
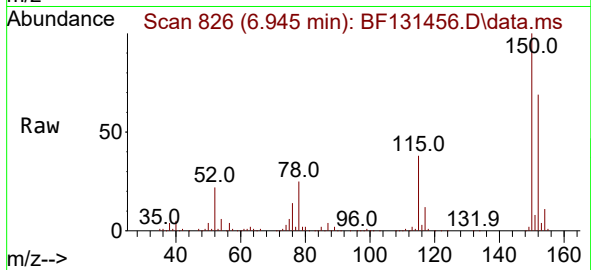




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

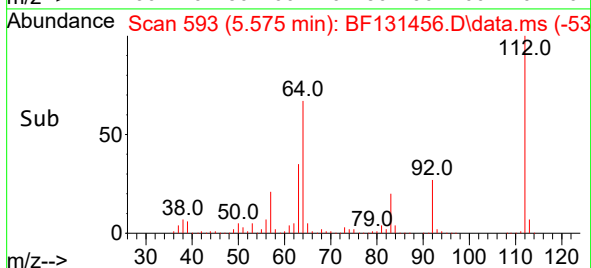
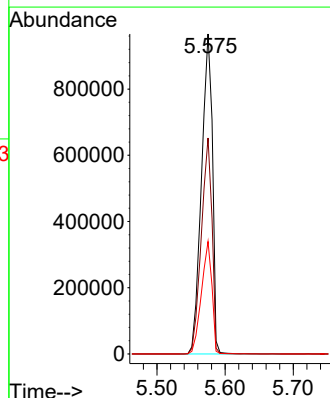
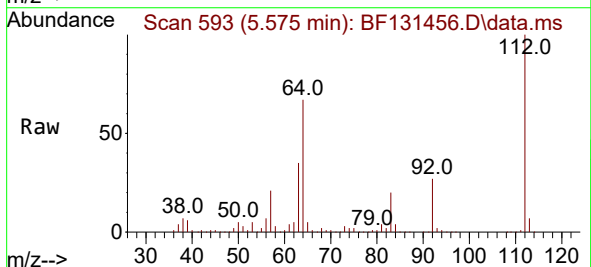
Instrument :
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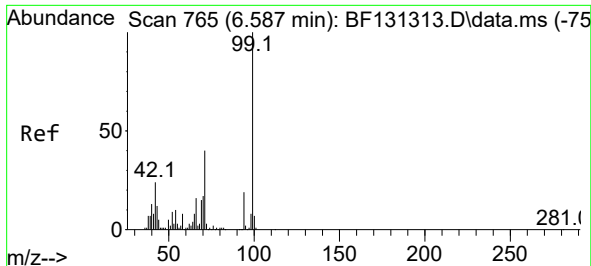
Tgt Ion:152 Resp: 174276
Ion Ratio Lower Upper
152 100
150 146.0 117.8 176.8
115 55.3 47.1 70.7



#5
2-Fluorophenol
Concen: 117.603 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.018 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

Tgt Ion:112 Resp: 1076880
Ion Ratio Lower Upper
112 100
64 67.5 58.6 88.0
63 35.2 31.4 47.0

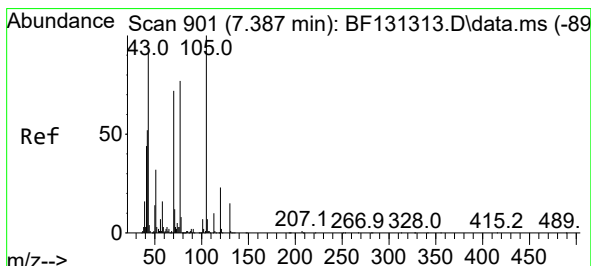
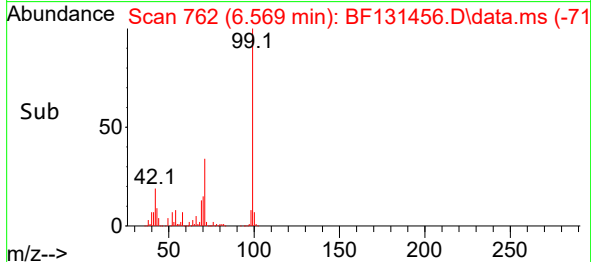
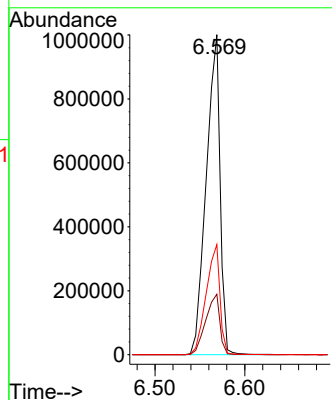
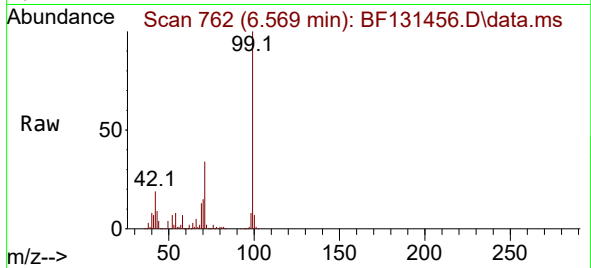




#7
Phenol-d6
Concen: 91.932 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

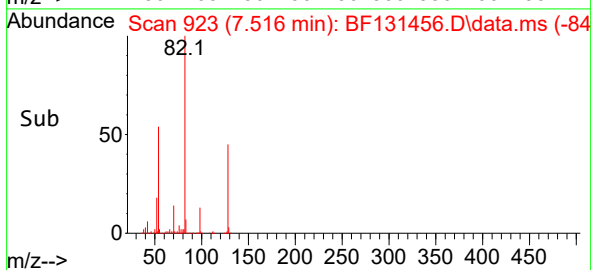
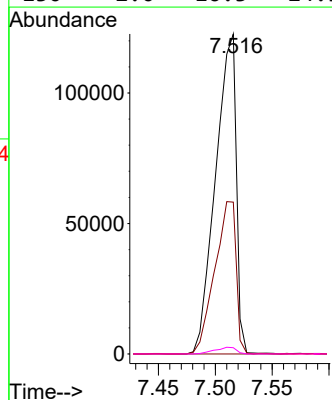
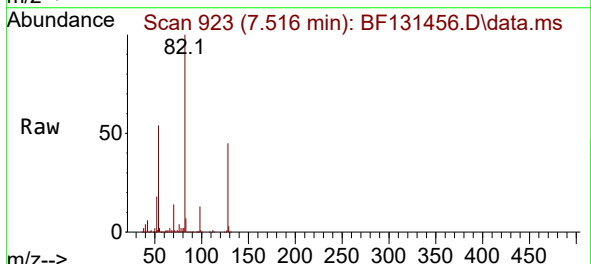
Instrument :
BNA_F
ClientSampleId :
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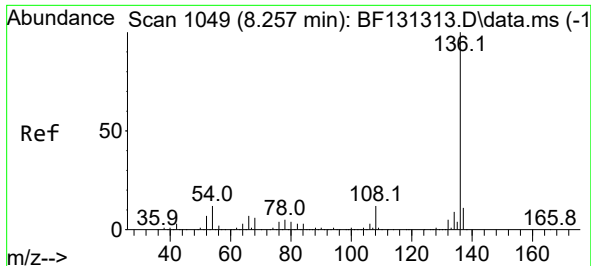
Tgt Ion: 99 Resp: 1074061
Ion Ratio Lower Upper
99 100
42 18.9 19.4 29.2#
71 34.4 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.167 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

Tgt Ion: 70 Resp: 155378
Ion Ratio Lower Upper
70 100
42 47.4 57.6 86.4#
101 0.0 8.2 12.2#
130 2.0 16.3 24.5#

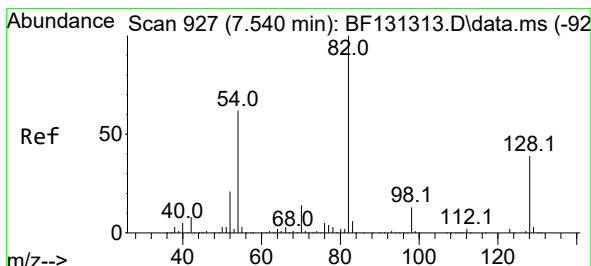
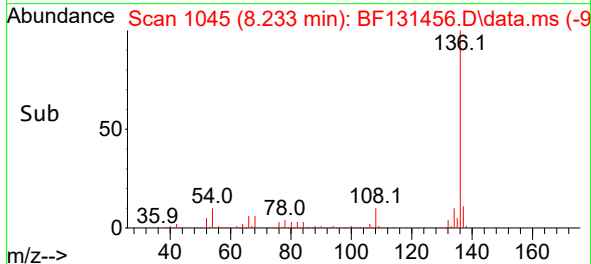
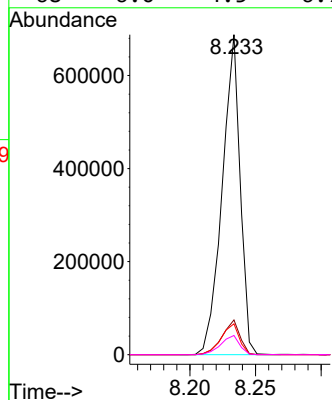
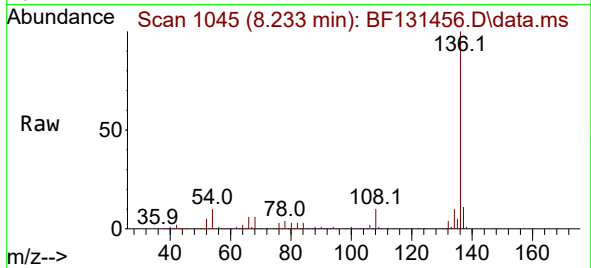




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

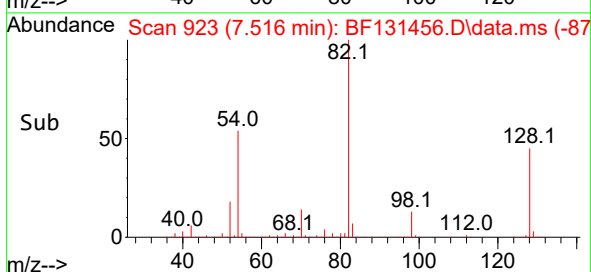
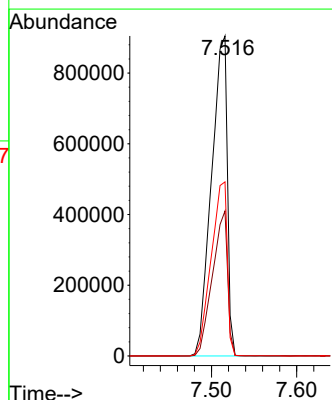
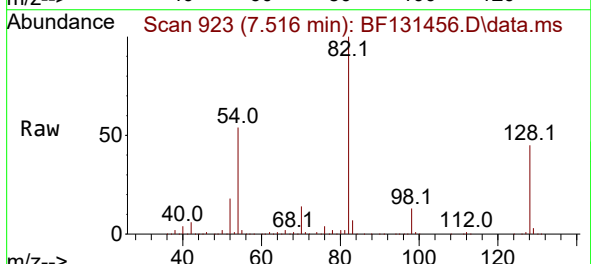
Instrument :
BNA_F
ClientSampleId :
TP-1

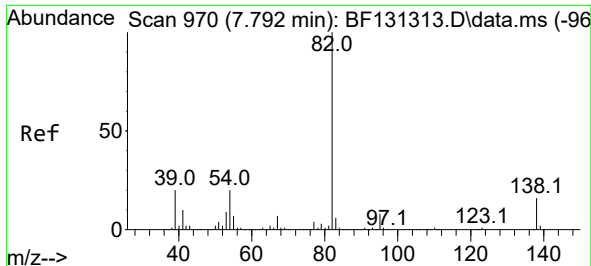
Tgt Ion:136 Resp: 652991
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 9.7 9.4 14.0
68 6.0 4.5 6.7



#23
Nitrobenzene-d5
Concen: 89.680 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

Tgt Ion: 82 Resp: 1161706
Ion Ratio Lower Upper
82 100
128 45.3 31.4 47.0
54 54.4 49.8 74.6

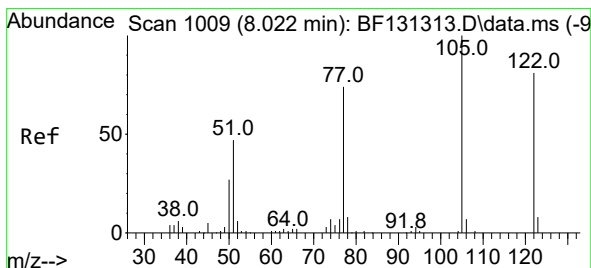
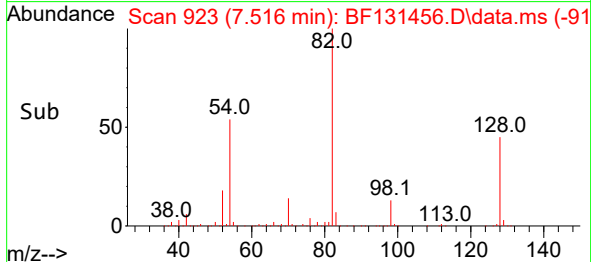
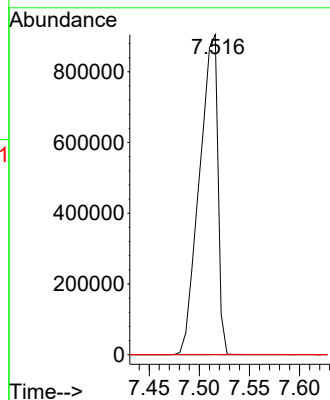
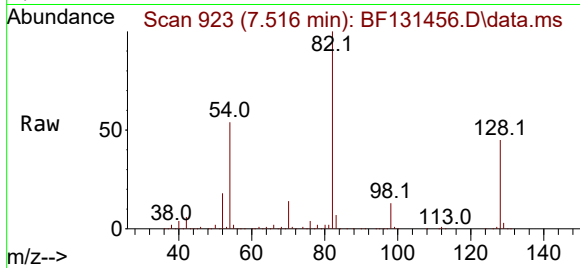




#25
Isophorone
Concen: 50.094 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

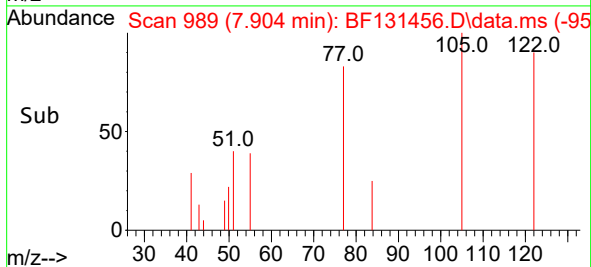
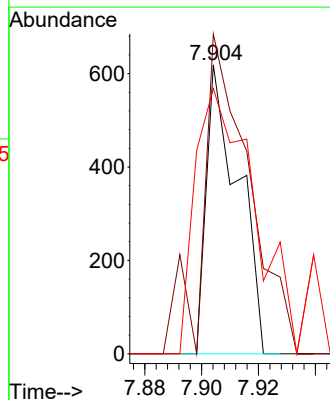
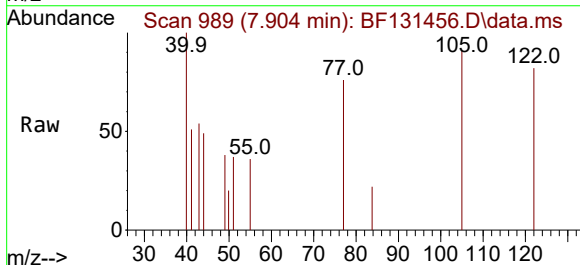
Instrument :
BNA_F
ClientSampleId :
TP-1

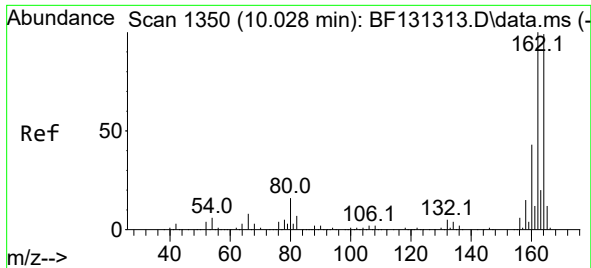
Tgt Ion: 82 Resp: 1157722
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.228 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.100 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

Tgt Ion: 122 Resp: 481
Ion Ratio Lower Upper
122 100
105 110.7 103.8 143.8
77 91.8 74.3 114.3

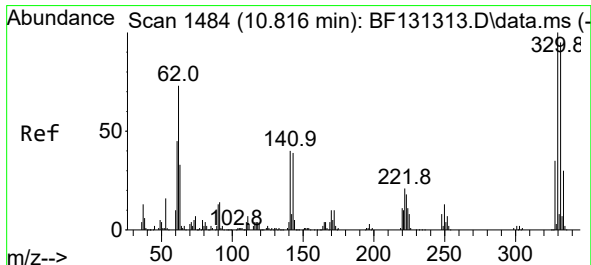
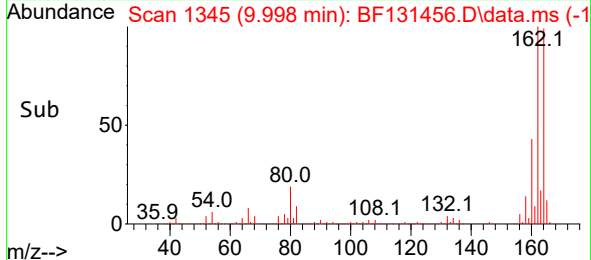
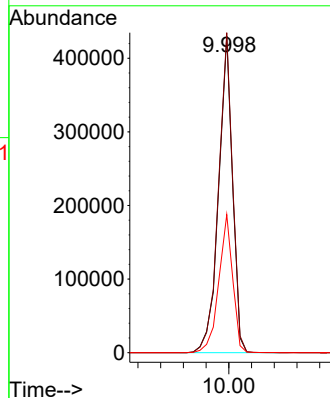
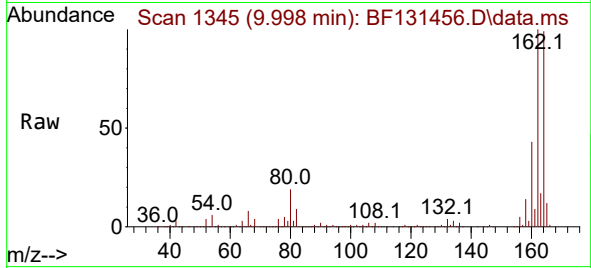




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

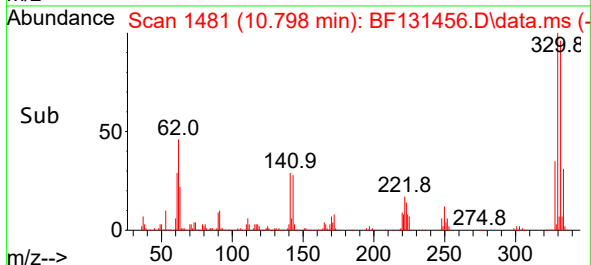
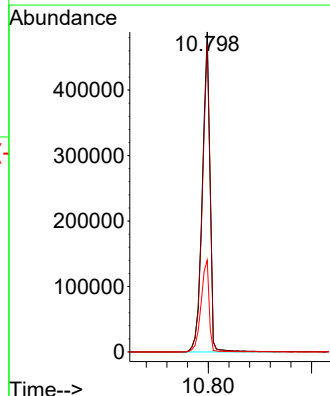
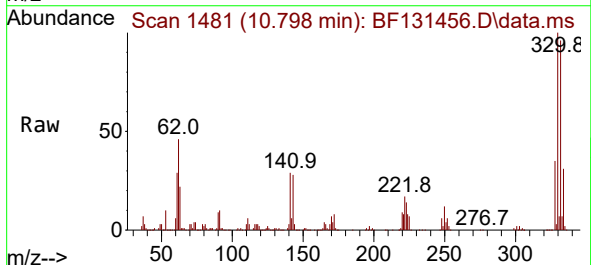
Instrument :
BNA_F
ClientSampleId :
TP-1

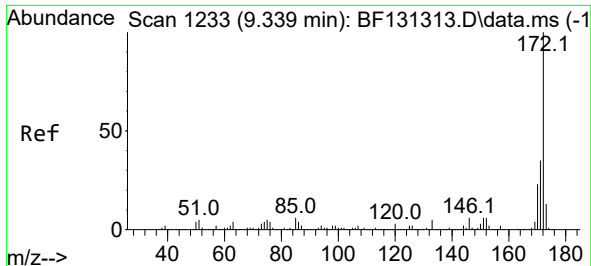
Tgt Ion:164 Resp: 367355
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 43.6 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 163.230 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

Tgt Ion:330 Resp: 504476
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 30.1 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 80.085 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF131456.D

Acq: 29 Nov 2022 14:54

Instrument :

BNA_F

ClientSampleId :

TP-1

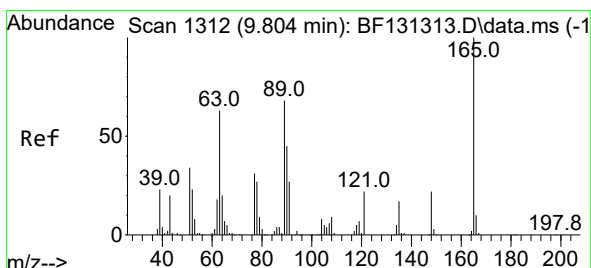
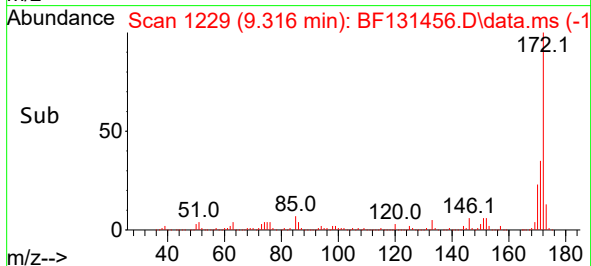
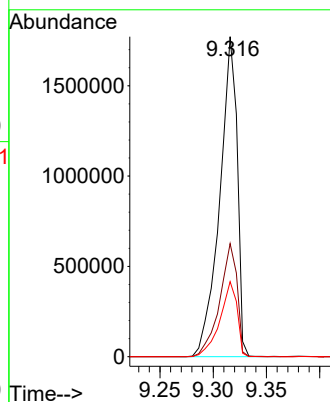
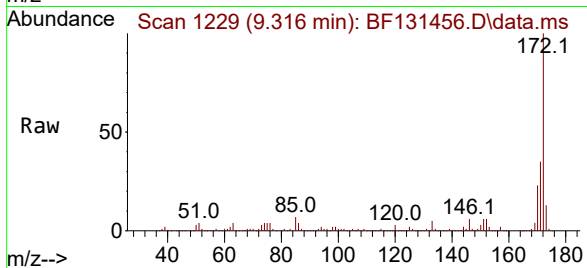
Tgt Ion:172 Resp: 2022212

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.4 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 8.991 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.206 min

Lab File: BF131456.D

Acq: 29 Nov 2022 14:54

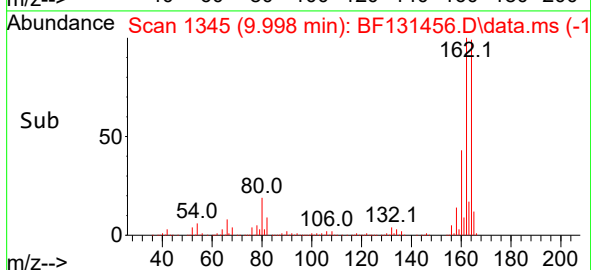
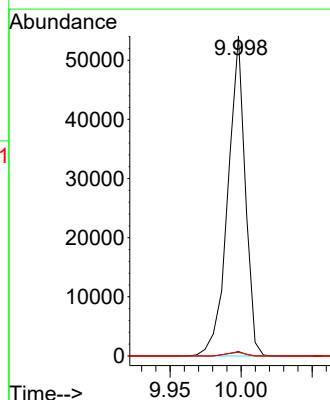
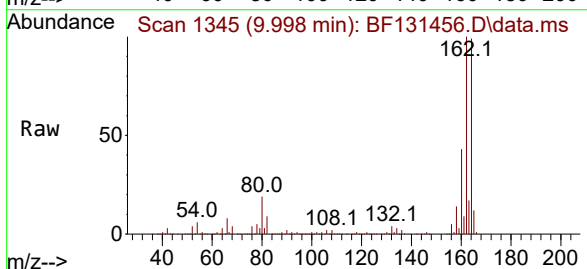
Tgt Ion:165 Resp: 46023

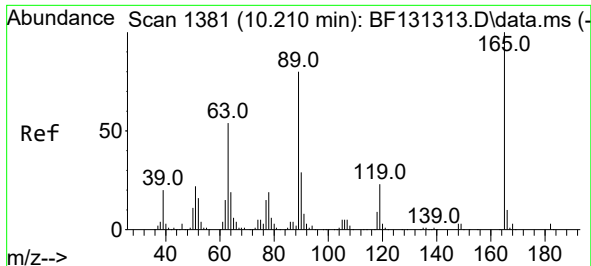
Ion Ratio Lower Upper

165 100

63 1.4 62.0 93.0#

89 1.1 54.4 81.6#

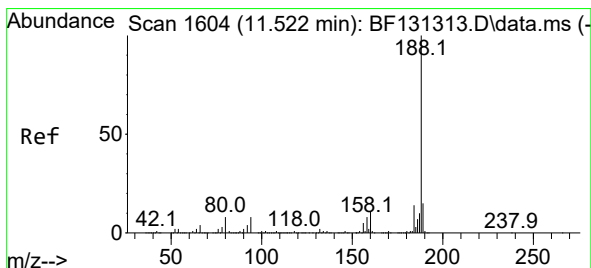
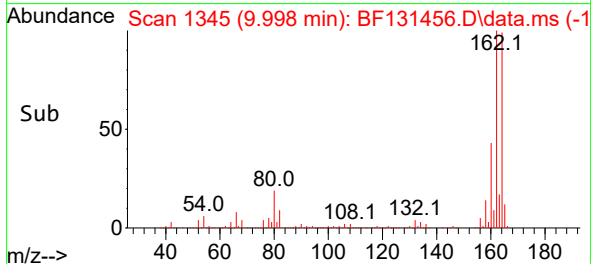
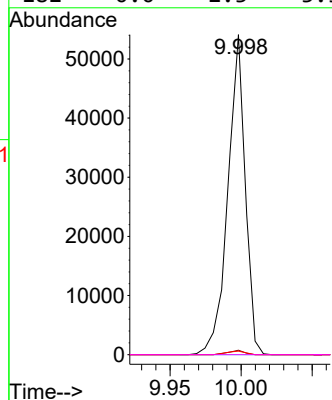
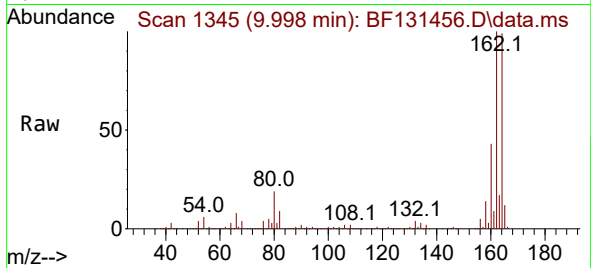




#57
2,4-Dinitrotoluene
Concen: 7.146 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

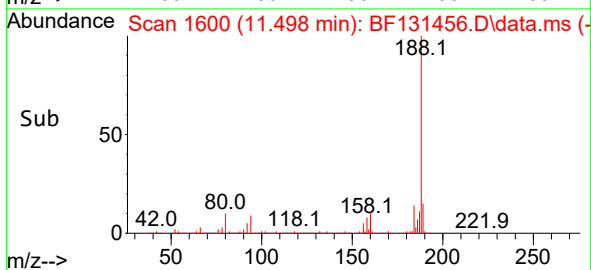
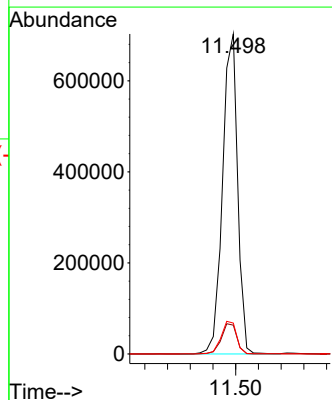
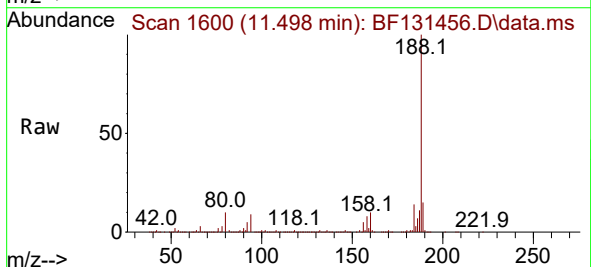
Instrument :
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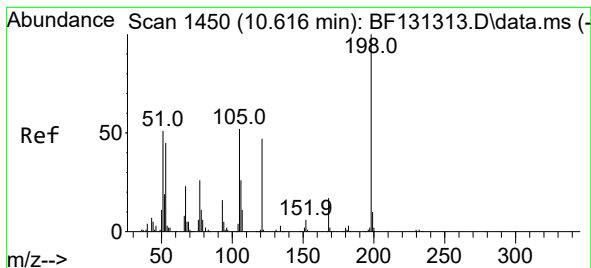
Tgt Ion:165 Resp: 46023
Ion Ratio Lower Upper
165 100
63 1.4 43.4 65.2#
89 1.1 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

Tgt Ion:188 Resp: 648921
Ion Ratio Lower Upper
188 100
94 9.0 6.3 9.5
80 9.7 6.8 10.2

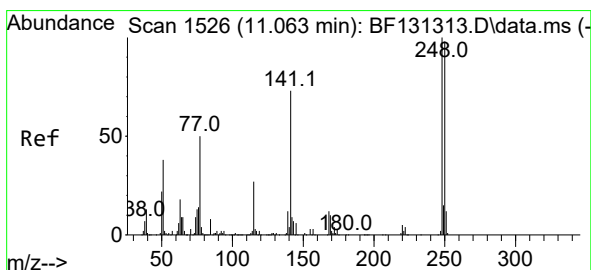
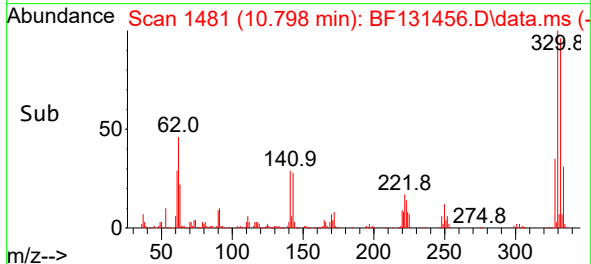
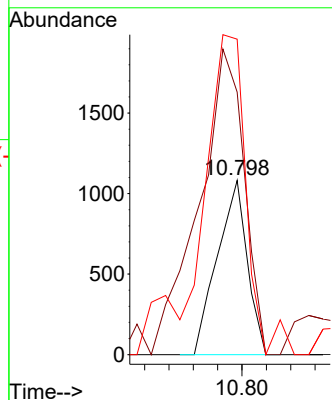
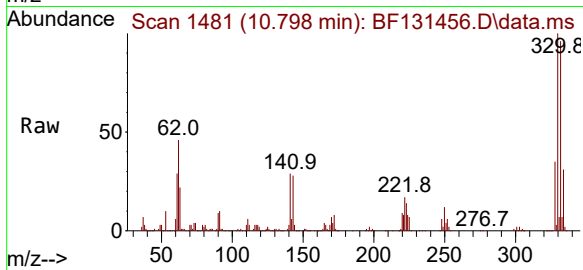




#65
4,6-Dinitro-2-methylphenol
Concen: 4.944 ng
RT: 10.798 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

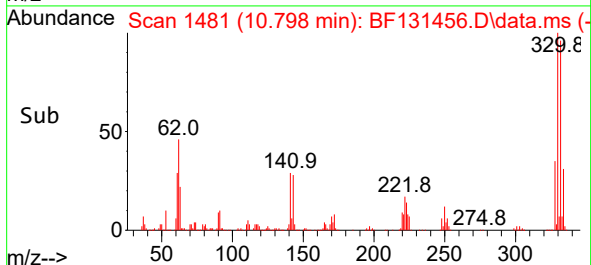
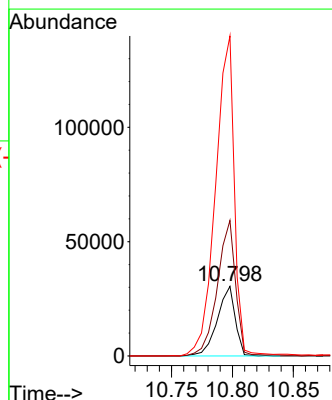
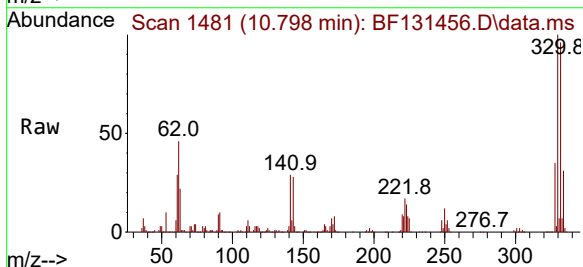
Instrument :
BNA_F
ClientSampleId :
TP-1

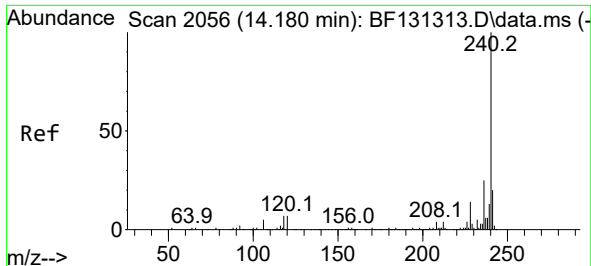
Tgt Ion:198 Resp: 921
Ion Ratio Lower Upper
198 100
51 150.6 50.1 90.1#
105 181.1 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 3.948 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.247 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

Tgt Ion:248 Resp: 31400
Ion Ratio Lower Upper
248 100
250 194.4 78.3 117.5#
141 459.2 58.0 87.0#

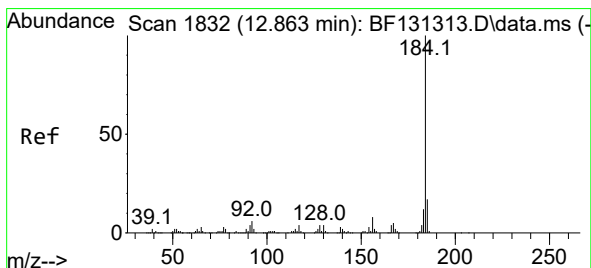
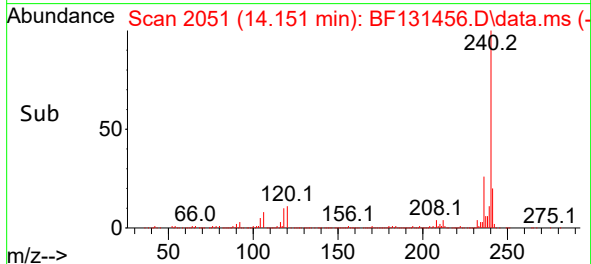
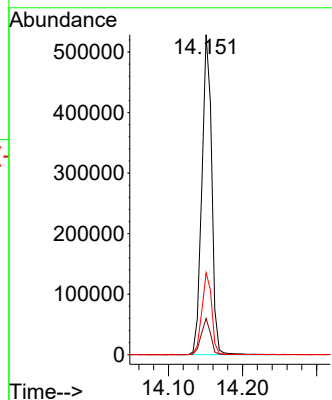
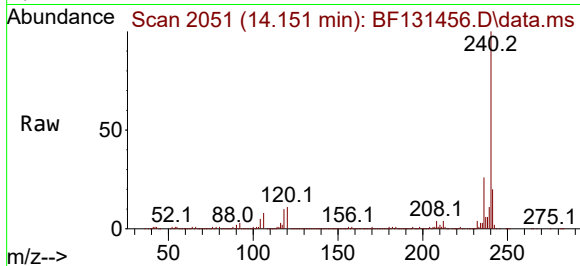




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.018 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

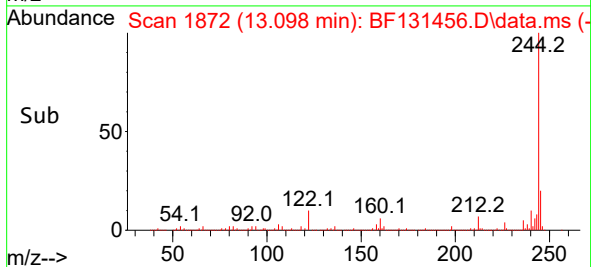
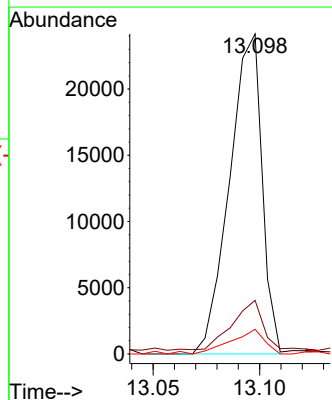
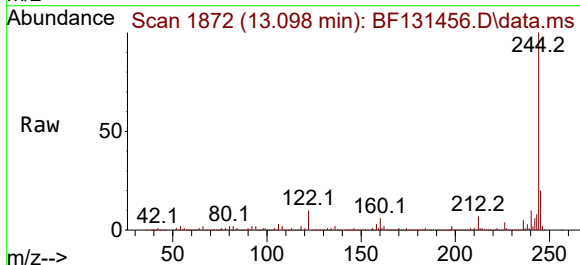
Instrument :
BNA_F
ClientSampleId :
TP-1

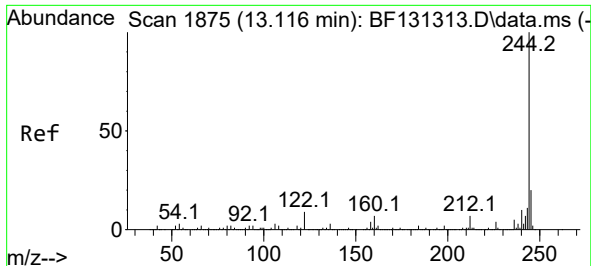
Tgt Ion:240 Resp: 488506
Ion Ratio Lower Upper
240 100
120 11.3 5.8 8.8#
236 25.6 20.3 30.5



#77
Benzidine
Concen: 2.844 ng
RT: 13.098 min Scan# 1872
Delta R.T. 0.247 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

Tgt Ion:184 Resp: 25664
Ion Ratio Lower Upper
184 100
185 16.8 13.8 20.8
183 7.7 9.6 14.4#

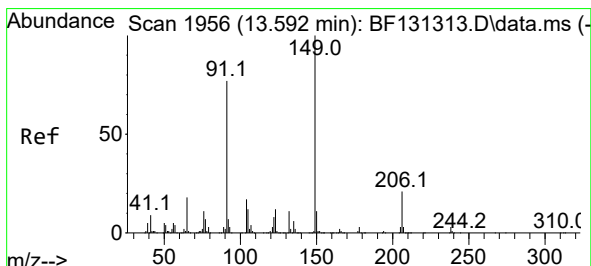
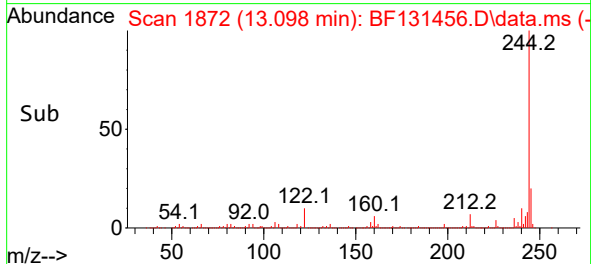
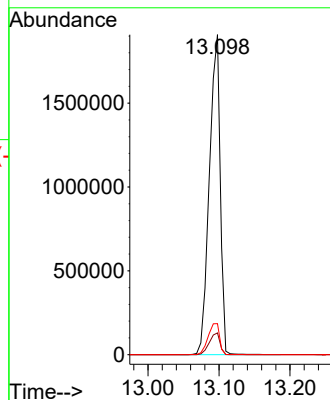
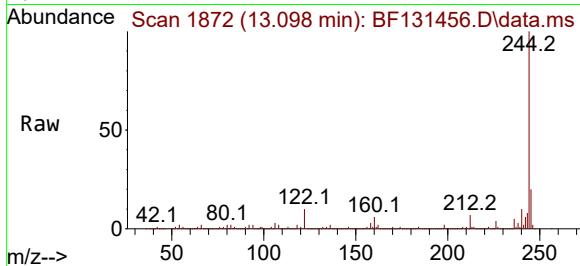




#79
 Terphenyl-d14
 Concen: 68.140 ng
 RT: 13.098 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131456.D
 Acq: 29 Nov 2022 14:54

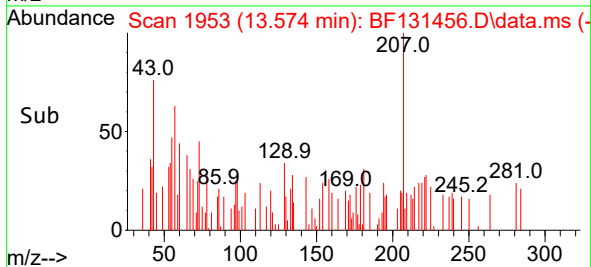
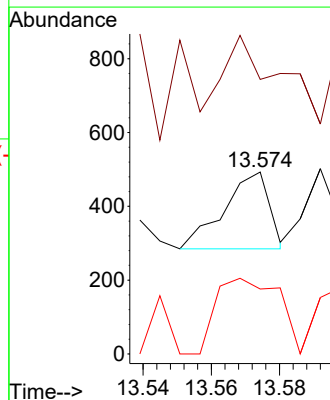
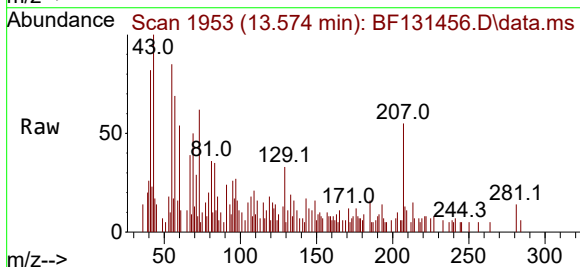
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

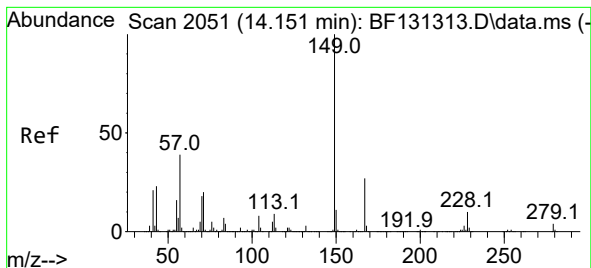
Tgt Ion:244 Resp: 2035569
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 9.7 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.156 ng
 RT: 13.574 min Scan# 1953
 Delta R.T. -0.006 min
 Lab File: BF131456.D
 Acq: 29 Nov 2022 14:54

Tgt Ion:149 Resp: 192
 Ion Ratio Lower Upper
 149 100
 91 150.9 61.9 92.9#
 206 35.7 16.5 24.7#

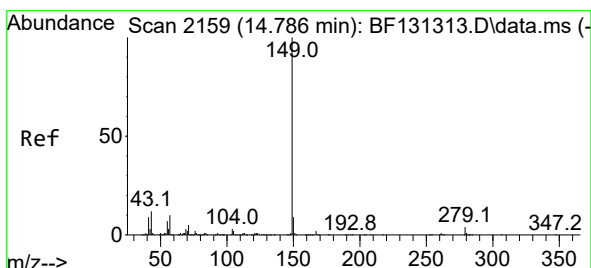
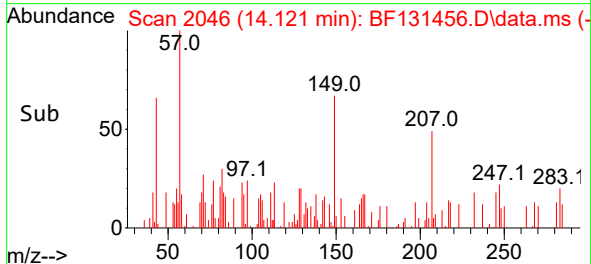
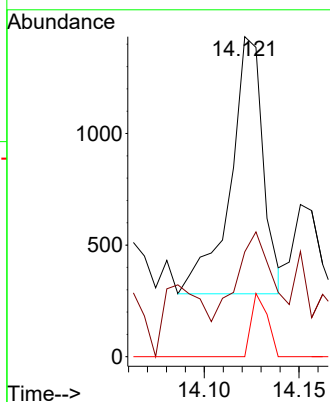
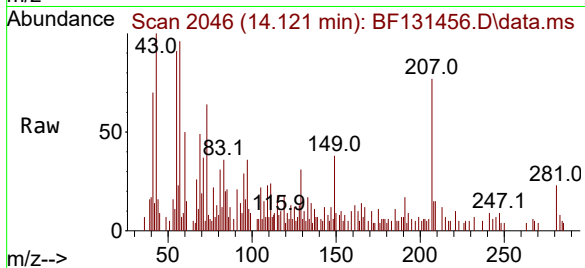




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.816 ng
 RT: 14.121 min Scan# 2051
 Delta R.T. -0.018 min
 Lab File: BF131456.D
 Acq: 29 Nov 2022 14:54

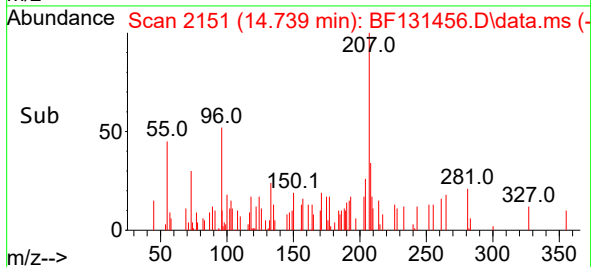
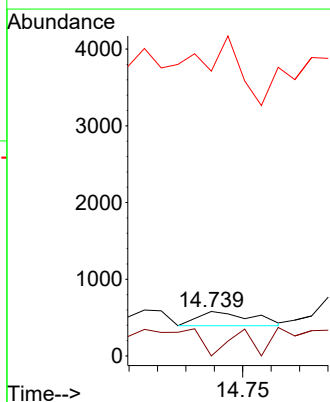
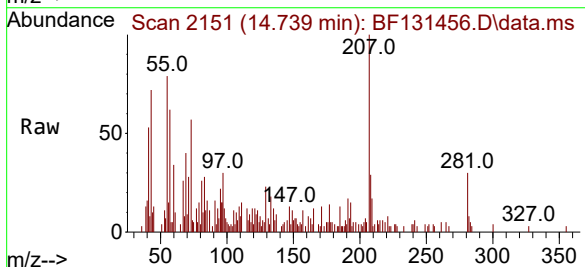
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

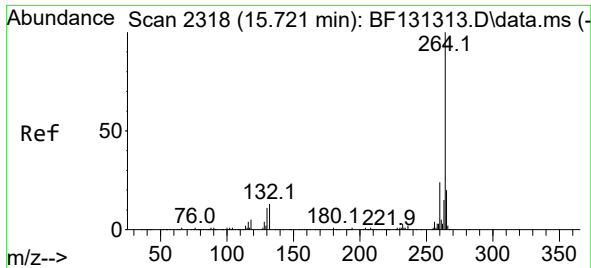
Tgt Ion:149 Resp: 1392
 Ion Ratio Lower Upper
 149 100
 167 32.8 21.9 32.9
 279 0.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 3.912 ng
 RT: 14.739 min Scan# 2151
 Delta R.T. -0.024 min
 Lab File: BF131456.D
 Acq: 29 Nov 2022 14:54

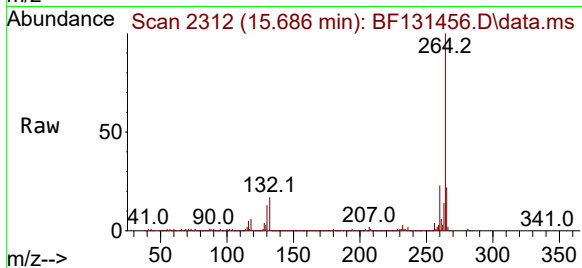
Tgt Ion:149 Resp: 245
 Ion Ratio Lower Upper
 149 100
 167 189.8 1.2 1.8#
 43 0.0 10.7 16.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.686 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131456.D
Acq: 29 Nov 2022 14:54

Instrument :
BNA_F
ClientSampleId :
TP-1



Tgt Ion:264 Resp: 378535
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 21.9 16.4 24.6

