

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131400.D
 Acq On : 25 Nov 2022 17:37
 Operator : CG\JU
 Sample : N5765-02RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 00:10:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

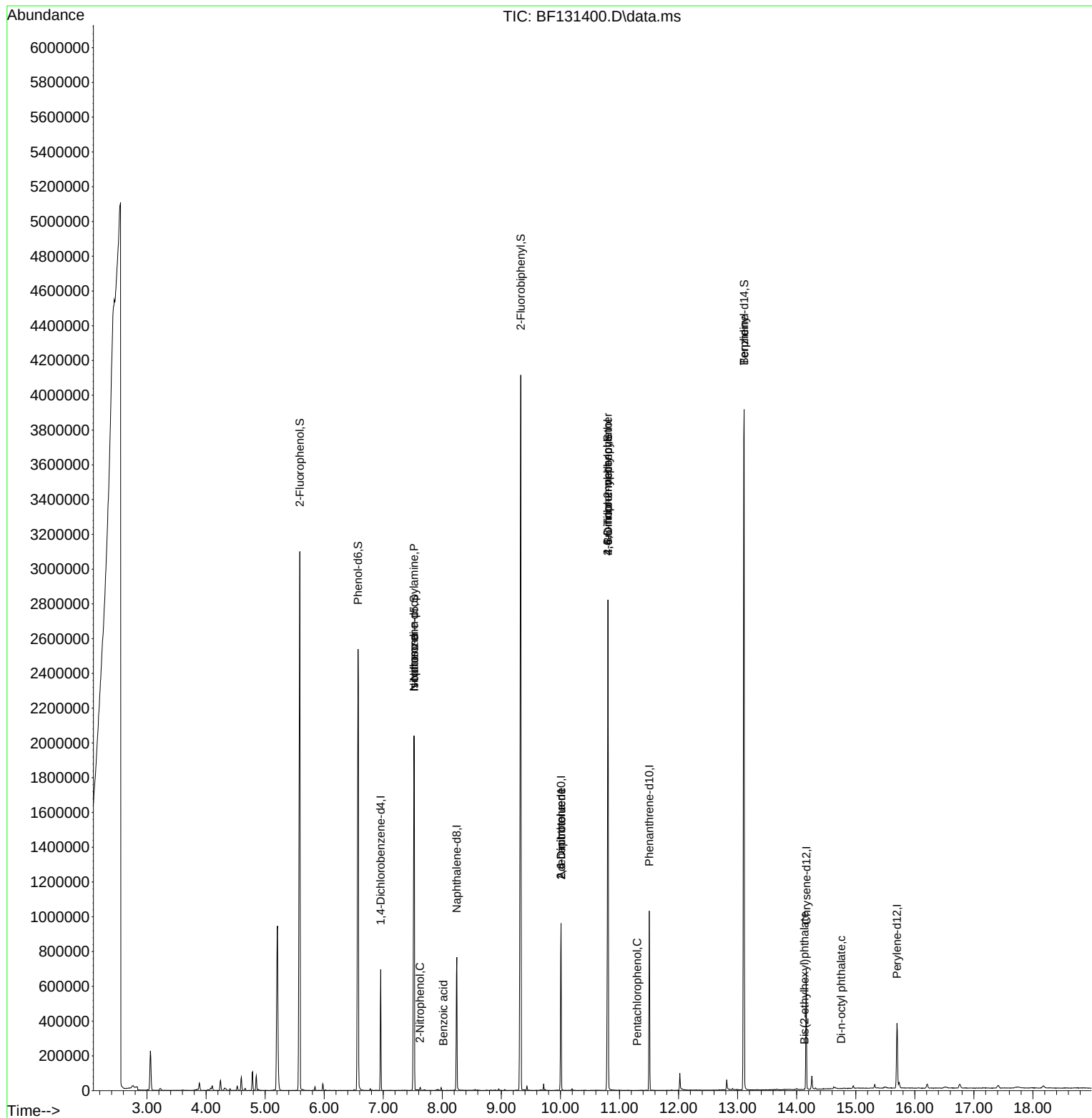
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	91685	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	336213	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	195084	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	352766	20.000	ng	-0.01
76) Chrysene-d12	14.163	240	228717	20.000	ng	-0.01
86) Perylene-d12	15.698	264	181235	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	861466	178.825	ng	0.02
7) Phenol-d6	6.575	99	1014282	165.020	ng	0.00
23) Nitrobenzene-d5	7.522	82	767240	115.033	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	357610	217.888	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1351068	100.755	ng	0.00
79) Terphenyl-d14	13.110	244	1597257	114.200	ng	0.00
Target Compounds						
9) Benzaldehyde	6.504	77	119	Below Cal		Qvalue # 48
19) n-Nitroso-di-n-propyla...	7.522	70	107766	23.951	ng	# 74
25) Isophorone	7.522	82	765323	64.316	ng	# 68
26) 2-Nitrophenol	7.622	139	54	3.609	ng	# 23
32) Benzoic acid	8.016	122	162	5.193	ng	# 18
51) 2,6-Dinitrotoluene	10.010	165	24916	9.166	ng	# 15
57) 2,4-Dinitrotoluene	10.010	165	24916	7.285	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.804	198	866	5.215	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	24086	5.571	ng	# 1
70) Pentachlorophenol	11.298	266	56	4.898	ng	# 19
77) Benzidine	13.110	184	21338	5.051	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.133	149	698	3.820	ng	# 81
85) Di-n-octyl phthalate	14.757	149	308	3.929	ng	# 70

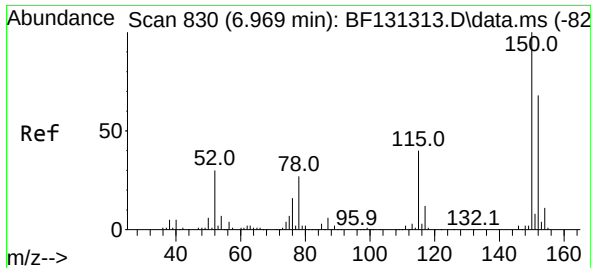
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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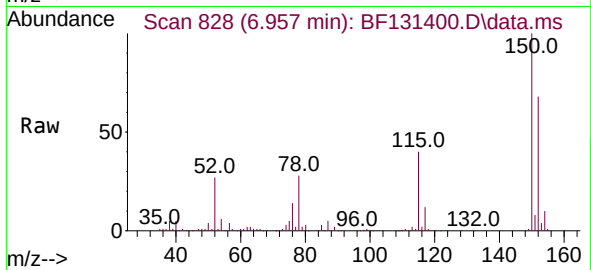
Quant Time: Nov 26 00:10:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 23:13:01 2022
Response via : Initial Calibration



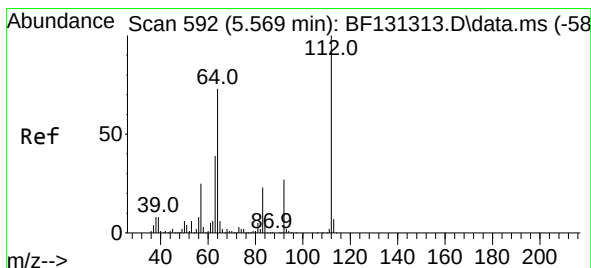
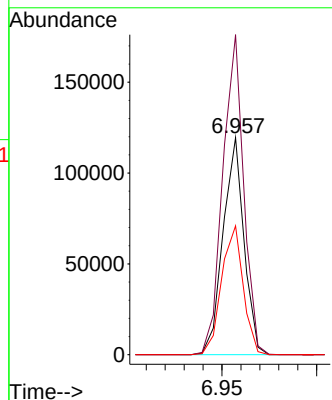
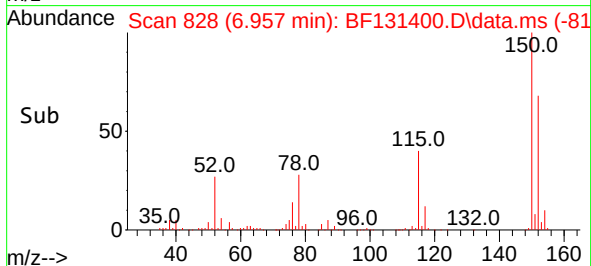


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131400.D
 Acq: 25 Nov 2022 17:37

Instrument :
 BNA_F
 ClientSampleId :

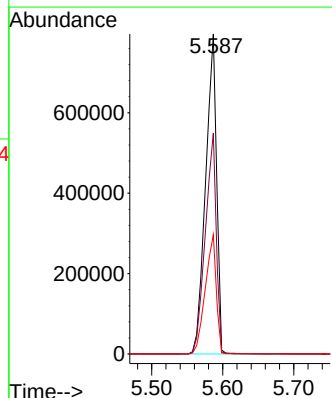
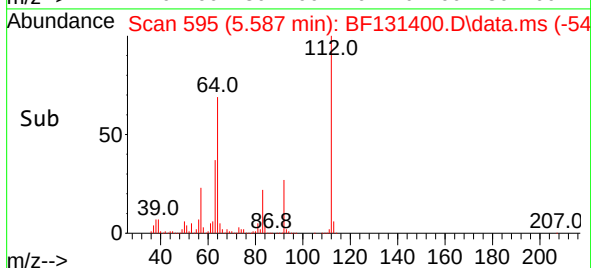
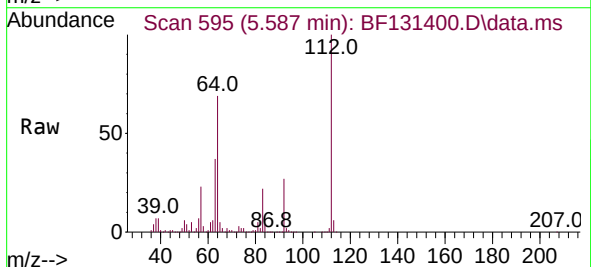


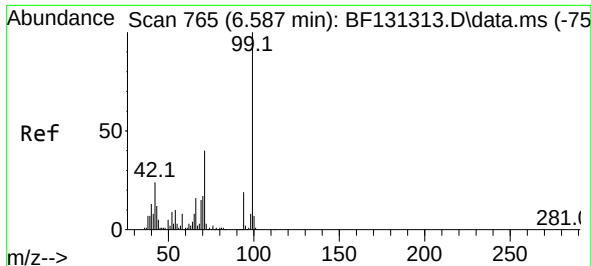
Tgt Ion:152 Resp: 91685
 Ion Ratio Lower Upper
 152 100
 150 147.4 117.8 176.8
 115 59.4 47.1 70.7



#5
 2-Fluorophenol
 Concen: 178.825 ng
 RT: 5.587 min Scan# 595
 Delta R.T. 0.024 min
 Lab File: BF131400.D
 Acq: 25 Nov 2022 17:37

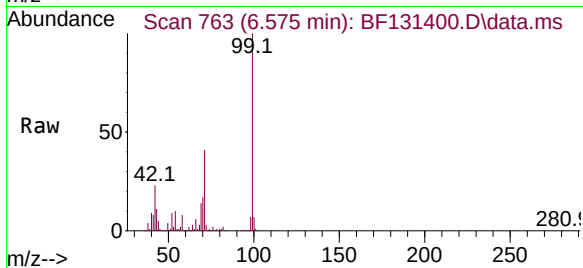
Tgt Ion:112 Resp: 861466
 Ion Ratio Lower Upper
 112 100
 64 69.0 58.6 88.0
 63 37.2 31.4 47.0





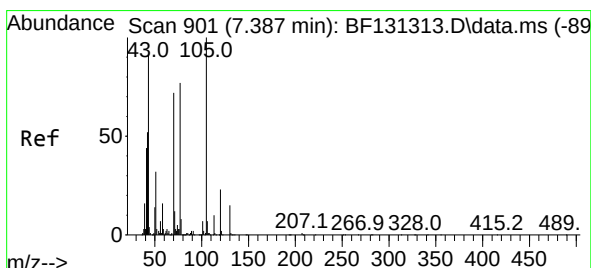
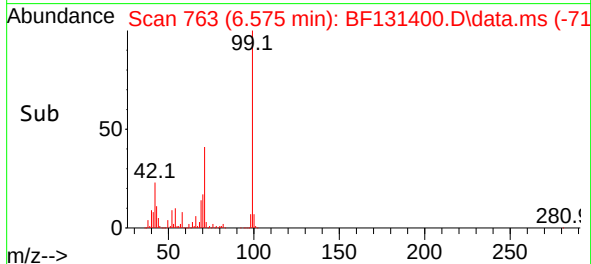
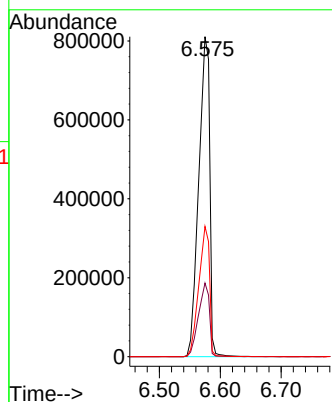
#7
Phenol-d6
Concen: 165.020 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131400.D
Acq: 25 Nov 2022 17:37

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1014282

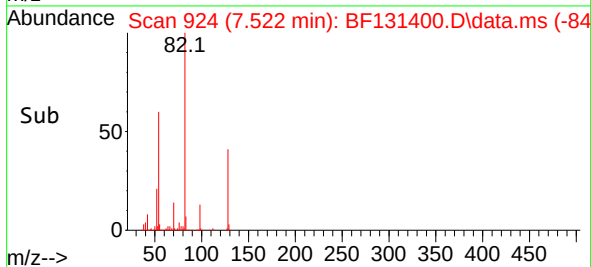
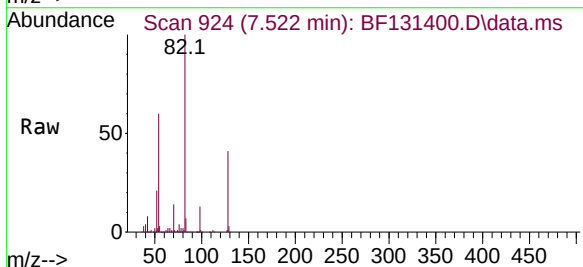
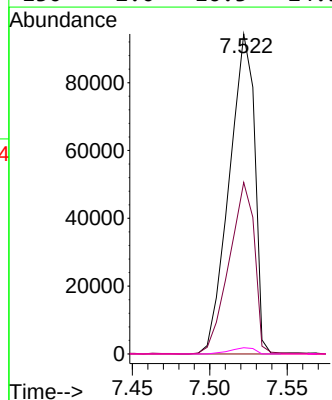
Ion	Ratio	Lower	Upper
99	100		
42	23.0	19.4	29.2
71	40.7	32.3	48.5

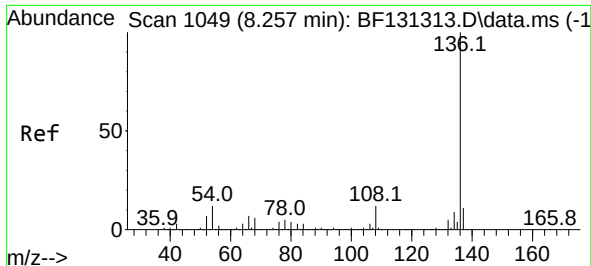


#19
n-Nitroso-di-n-propylamine
Concen: 23.951 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.147 min
Lab File: BF131400.D
Acq: 25 Nov 2022 17:37

Tgt Ion: 70 Resp: 107766

Ion	Ratio	Lower	Upper
70	100		
42	53.6	57.6	86.4#
101	0.0	8.2	12.2#
130	2.0	16.3	24.5#



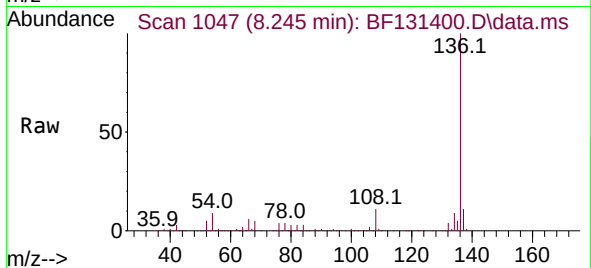


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131400.D
Acq: 25 Nov 2022 17:37

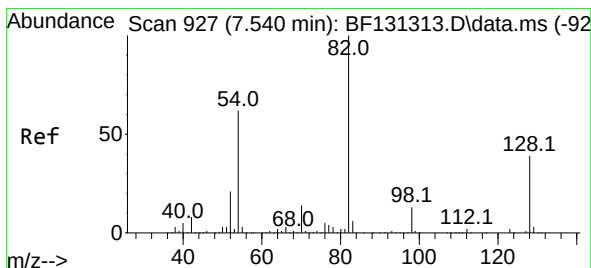
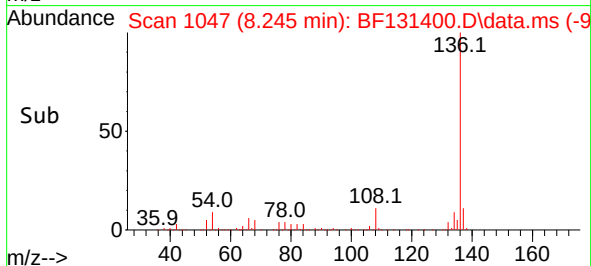
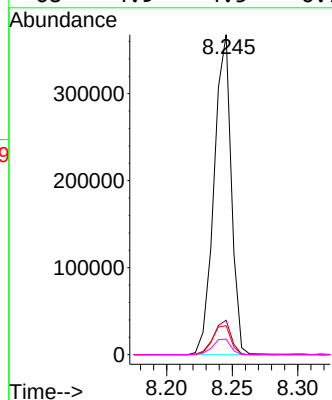
Instrument :

BNA_F

ClientSampleId :

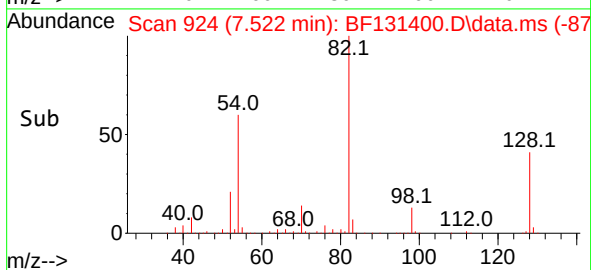
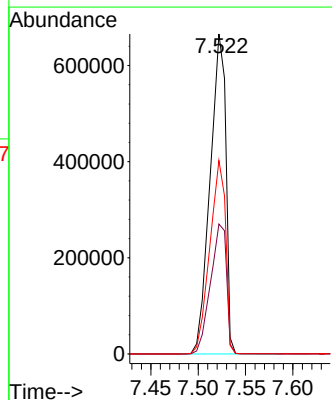
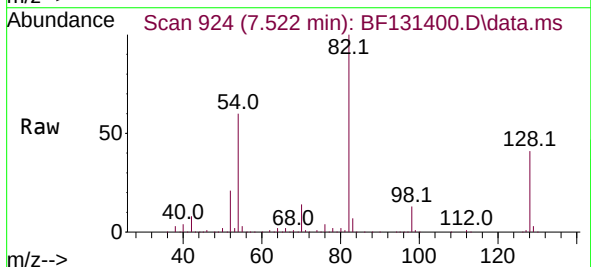


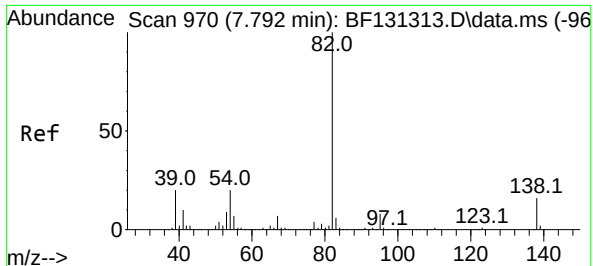
Tgt Ion:136 Resp: 336213
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 9.1 9.4 14.0#
68 4.9 4.5 6.7



#23
Nitrobenzene-d5
Concen: 115.033 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.012 min
Lab File: BF131400.D
Acq: 25 Nov 2022 17:37

Tgt Ion: 82 Resp: 767240
Ion Ratio Lower Upper
82 100
128 40.6 31.4 47.0
54 60.5 49.8 74.6

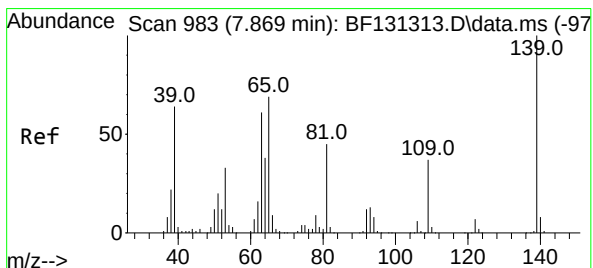
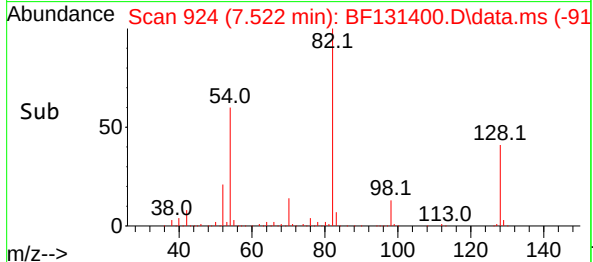
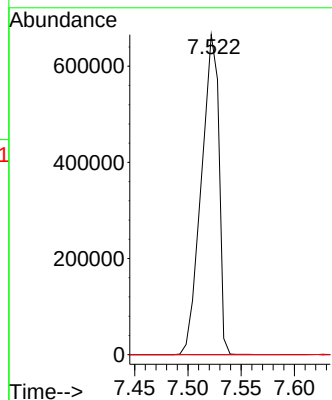
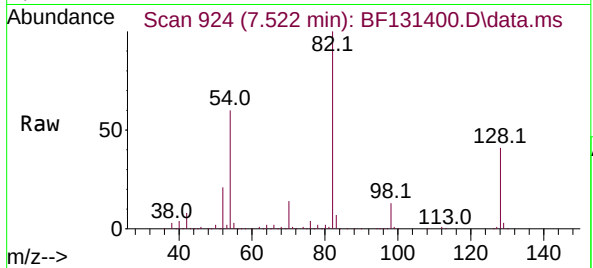




#25
Isophorone
Concen: 64.316 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131400.D
Acq: 25 Nov 2022 17:37

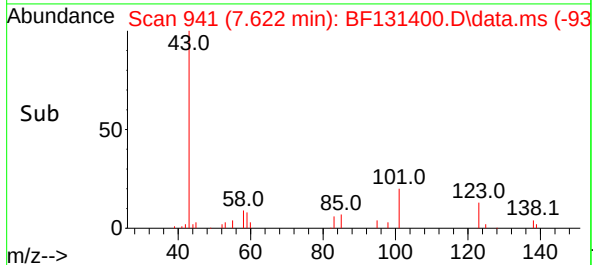
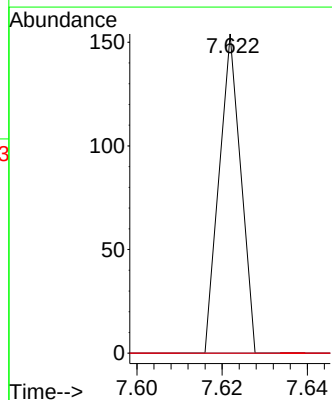
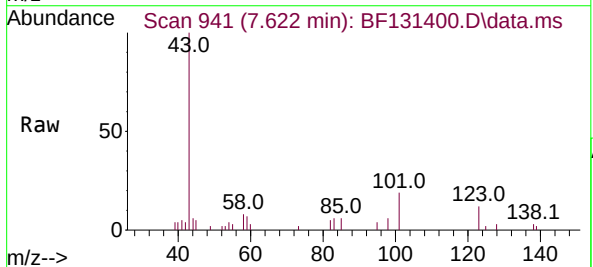
Instrument :
BNA_F
ClientSampleId :

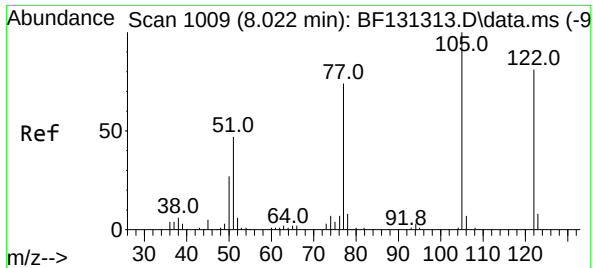
Tgt Ion: 82 Resp: 765323
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#26
2-Nitrophenol
Concen: 3.609 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.241 min
Lab File: BF131400.D
Acq: 25 Nov 2022 17:37

Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 55.7 83.5#

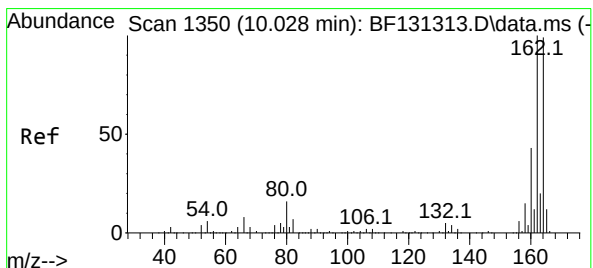
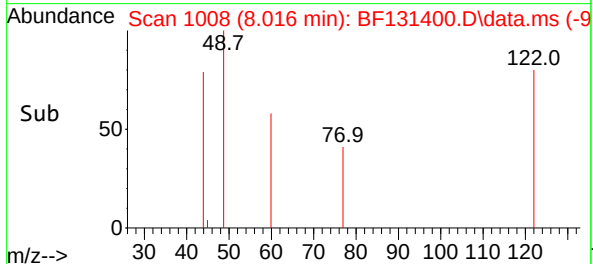
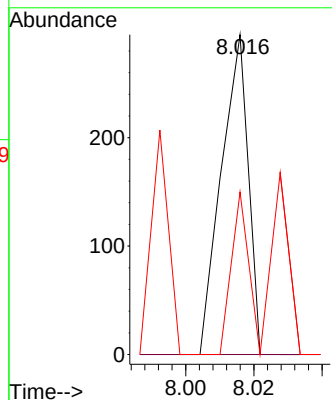
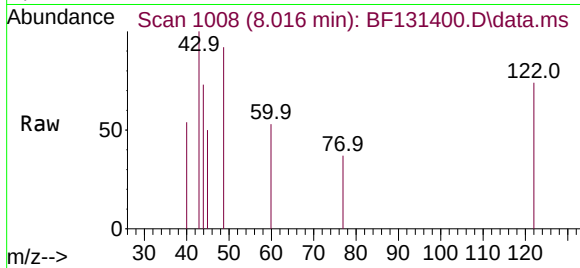




#32
Benzoic acid
Concen: 5.193 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF131400.D
Acq: 25 Nov 2022 17:37

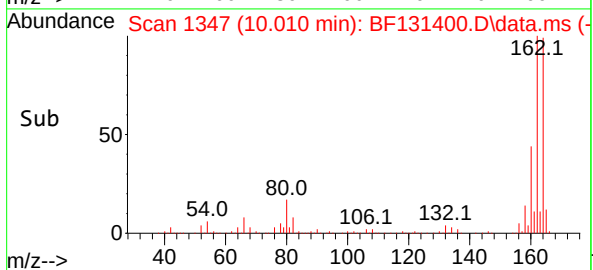
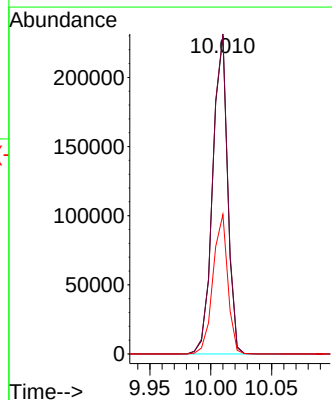
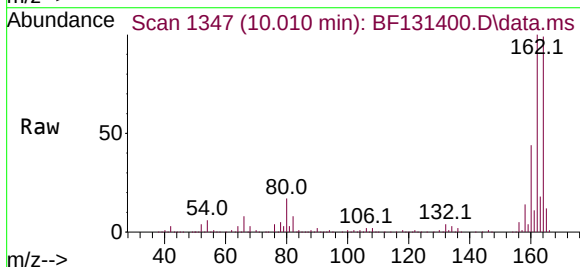
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ClientSampleId :

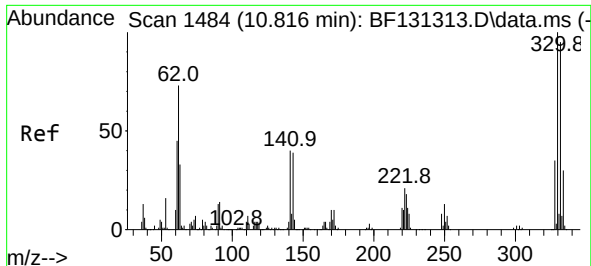
Tgt Ion:122 Resp: 162
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 50.8 74.3 114.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131400.D
Acq: 25 Nov 2022 17:37

Tgt Ion:164 Resp: 195084
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 43.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 217.888 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.006 min

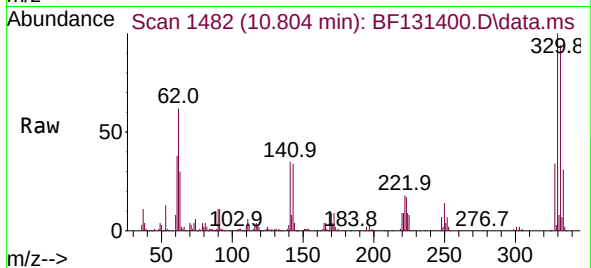
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Acq: 25 Nov 2022 17:37

Instrument :

BNA_F

ClientSampleId :



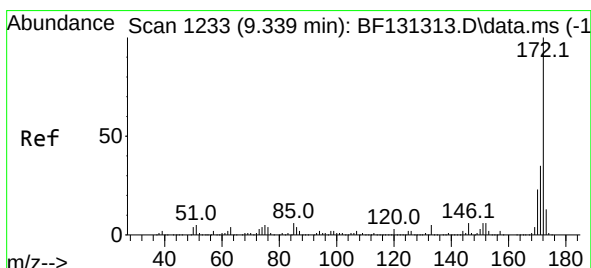
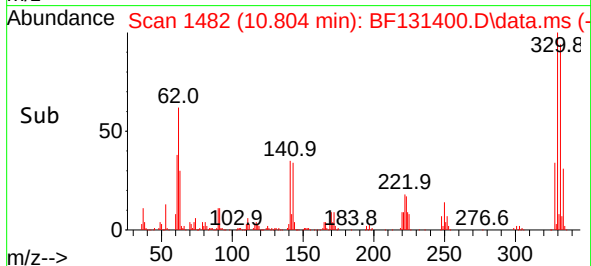
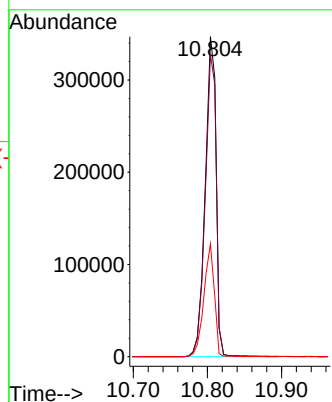
Tgt Ion:330 Resp: 357610

Ion Ratio Lower Upper

330 100

332 95.5 77.5 116.3

141 33.9 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 100.755 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF131400.D

Acq: 25 Nov 2022 17:37

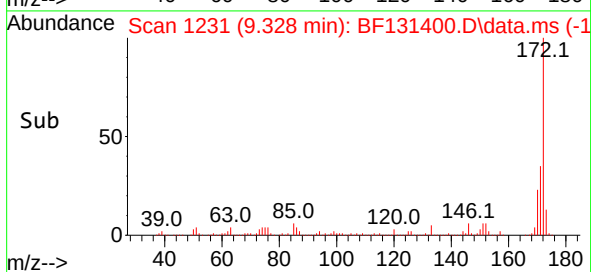
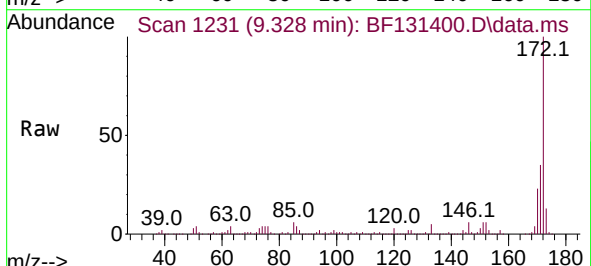
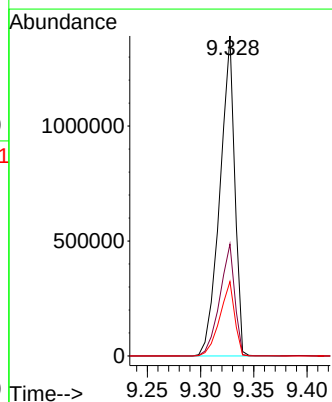
Tgt Ion:172 Resp: 1351068

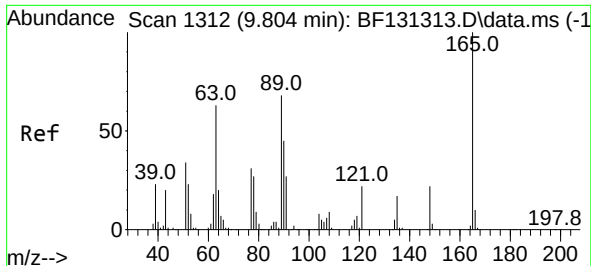
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.2 18.7 28.1

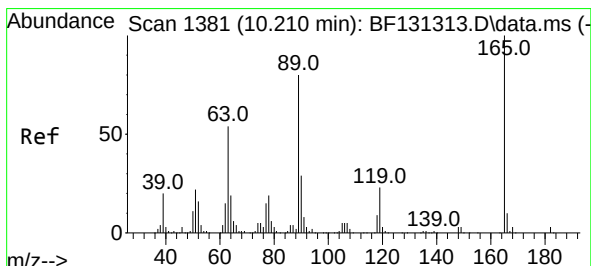
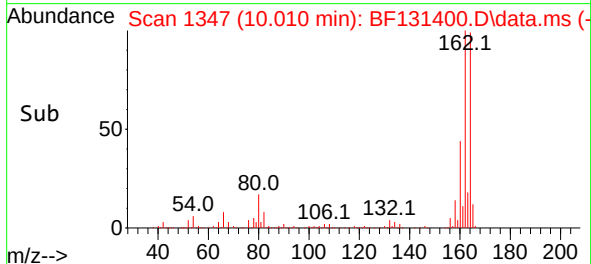
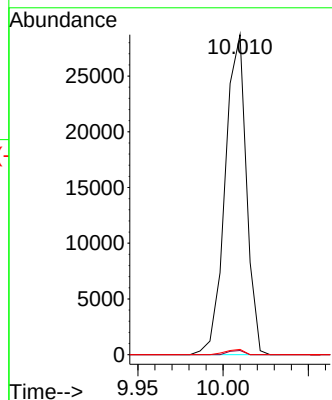
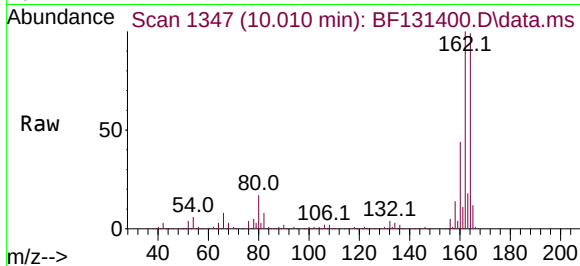




#51
2,6-Dinitrotoluene
Concen: 9.166 ng
RT: 10.010 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF131400.D
Acq: 25 Nov 2022 17:37

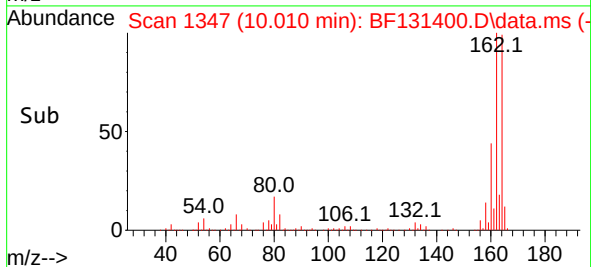
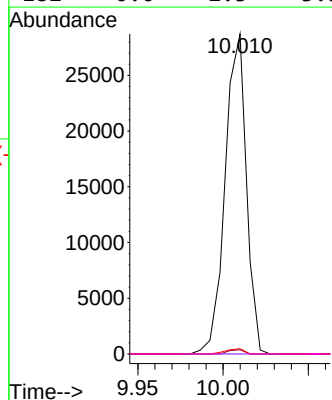
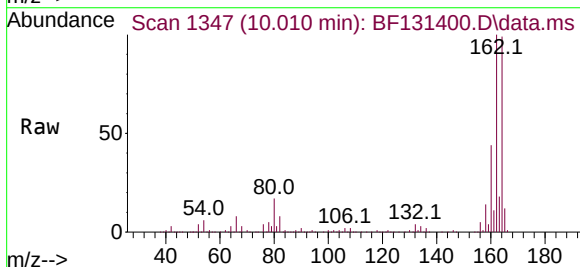
Instrument :
BNA_F
ClientSampleId :

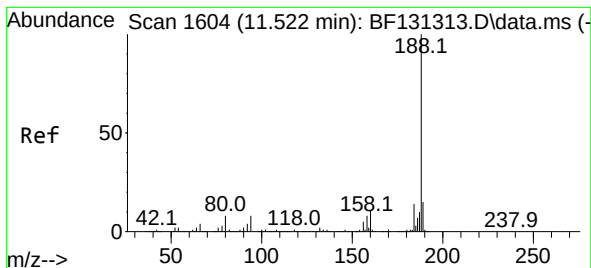
Tgt Ion:165 Resp: 24916
Ion Ratio Lower Upper
165 100
63 1.3 62.0 93.0#
89 1.6 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.285 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.194 min
Lab File: BF131400.D
Acq: 25 Nov 2022 17:37

Tgt Ion:165 Resp: 24916
Ion Ratio Lower Upper
165 100
63 1.3 43.4 65.2#
89 1.6 64.0 96.0#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF131400.D

Acq: 25 Nov 2022 17:37

Instrument :

BNA_F

ClientSampleId :

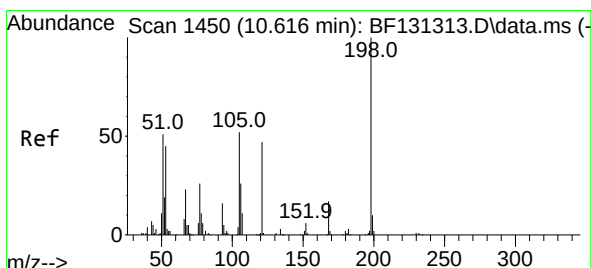
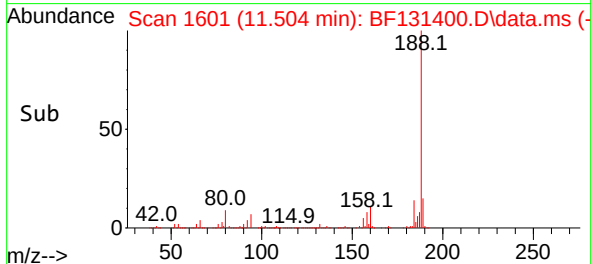
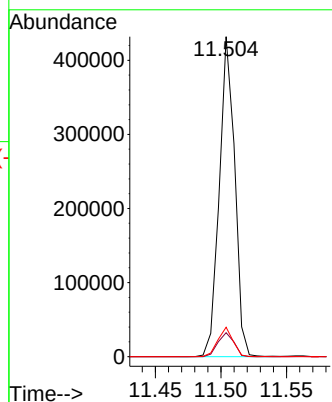
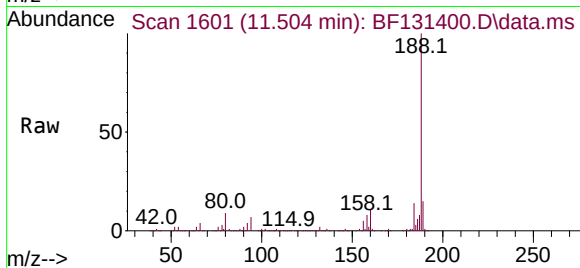
Tgt Ion:188 Resp: 352766

Ion Ratio Lower Upper

188 100

94 7.5 6.3 9.5

80 9.2 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.215 ng

RT: 10.804 min Scan# 1482

Delta R.T. 0.194 min

Lab File: BF131400.D

Acq: 25 Nov 2022 17:37

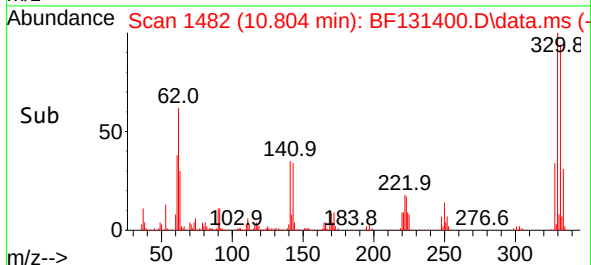
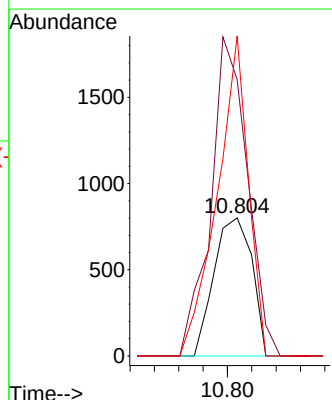
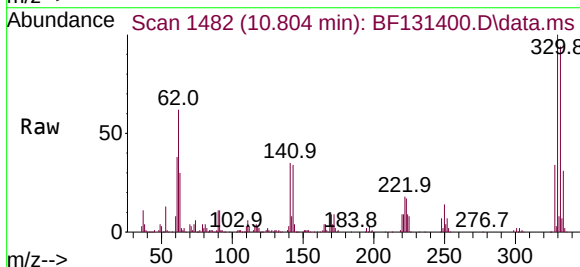
Tgt Ion:198 Resp: 866

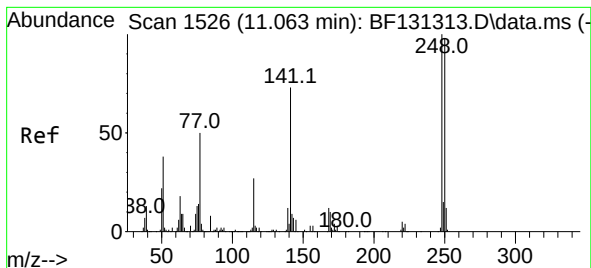
Ion Ratio Lower Upper

198 100

51 200.1 50.1 90.1#

105 231.7 32.5 72.5#

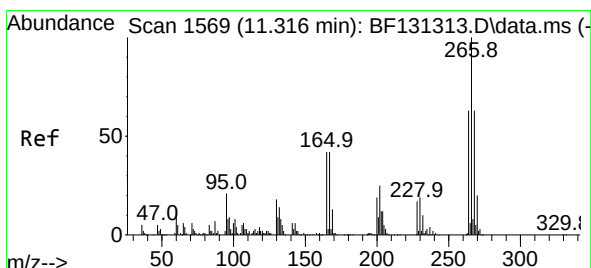
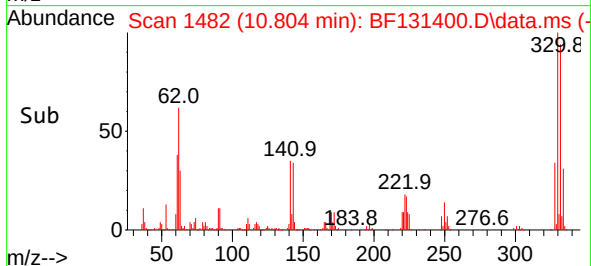
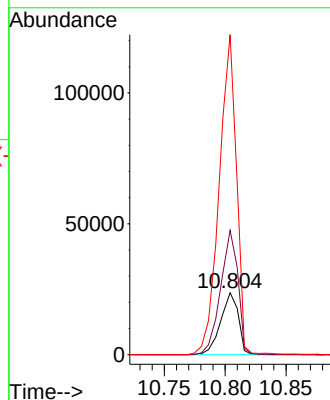
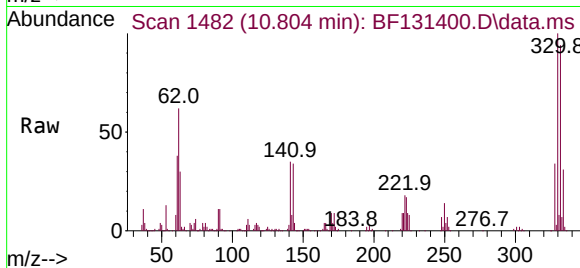




#67
4-Bromophenyl-phenylether
Concen: 5.571 ng
RT: 10.804 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF131400.D
Acq: 25 Nov 2022 17:37

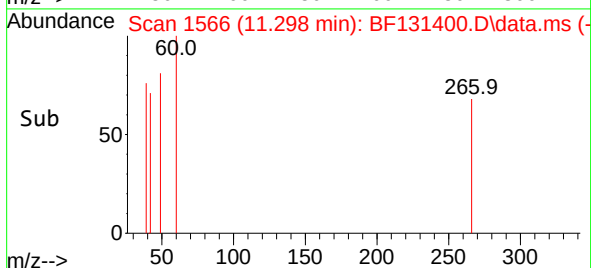
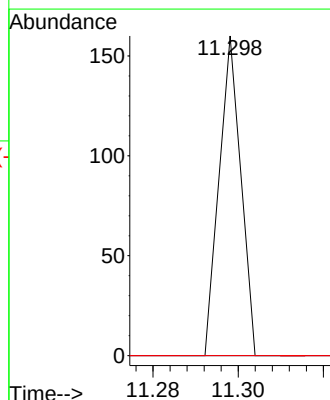
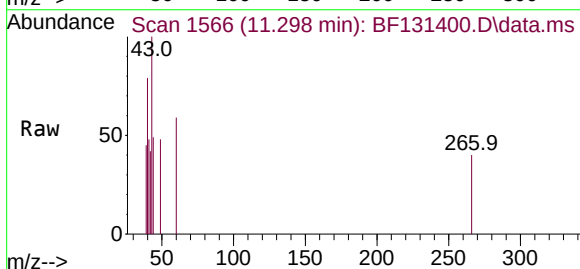
Instrument :
BNA_F
ClientSampleId :

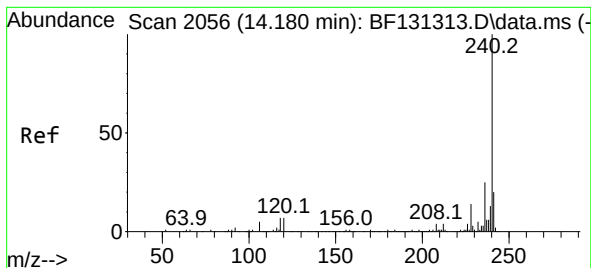
Tgt Ion:248 Resp: 24086
Ion Ratio Lower Upper
248 100
250 200.5 78.3 117.5#
141 516.3 58.0 87.0#



#70
Pentachlorophenol
Concen: 4.898 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF131400.D
Acq: 25 Nov 2022 17:37

Tgt Ion:266 Resp: 56
Ion Ratio Lower Upper
266 100
268 0.0 50.6 75.8#
264 0.0 50.4 75.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.163 min Scan# 2053

Delta R.T. -0.012 min

Lab File: BF131400.D

Acq: 25 Nov 2022 17:37

Instrument :

BNA_F

ClientSampleId :

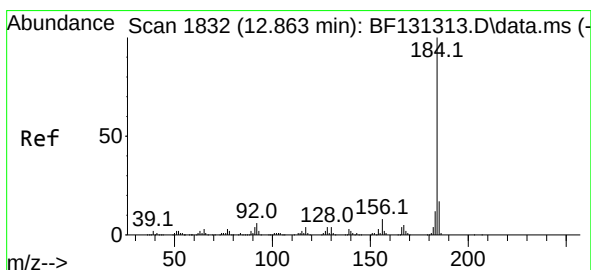
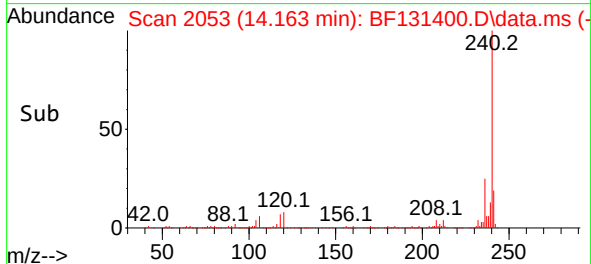
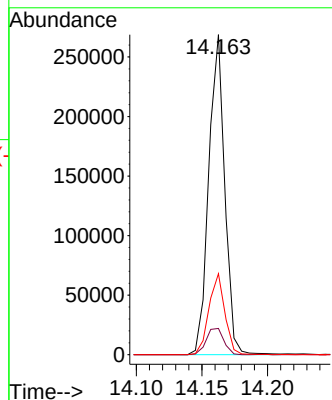
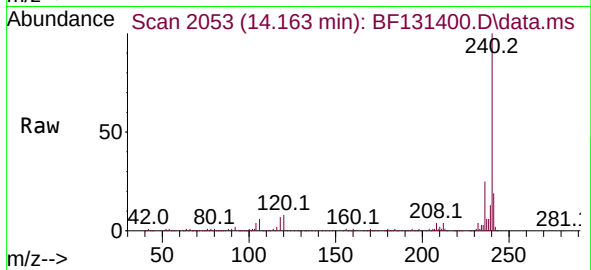
Tgt Ion:240 Resp: 228717

Ion Ratio Lower Upper

240 100

120 8.2 5.8 8.8

236 25.3 20.3 30.5



#77

Benzidine

Concen: 5.051 ng

RT: 13.110 min Scan# 1874

Delta R.T. 0.253 min

Lab File: BF131400.D

Acq: 25 Nov 2022 17:37

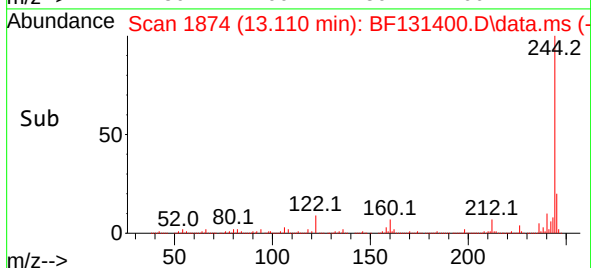
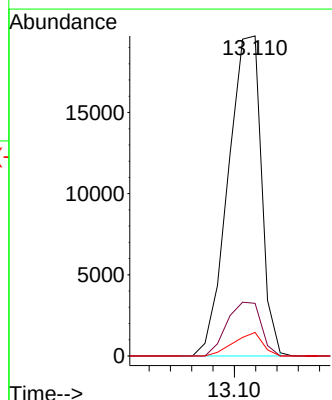
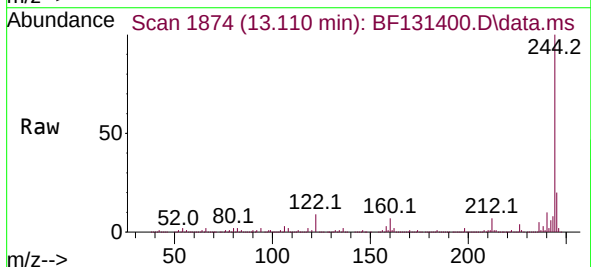
Tgt Ion:184 Resp: 21338

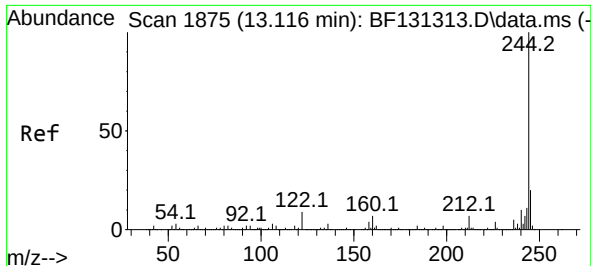
Ion Ratio Lower Upper

184 100

185 16.5 13.8 20.8

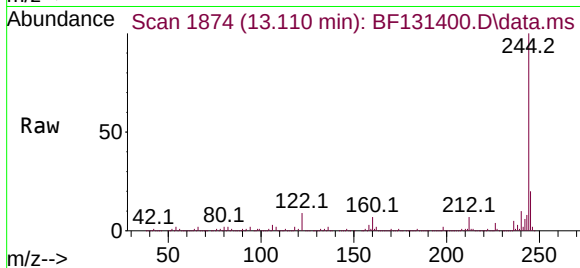
183 7.3 9.6 14.4#





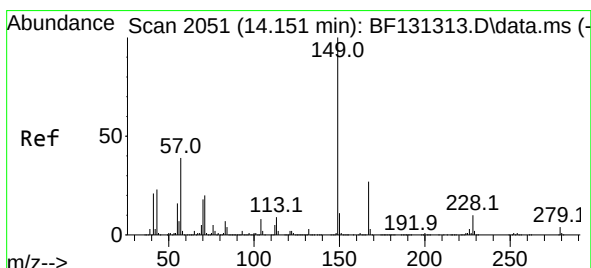
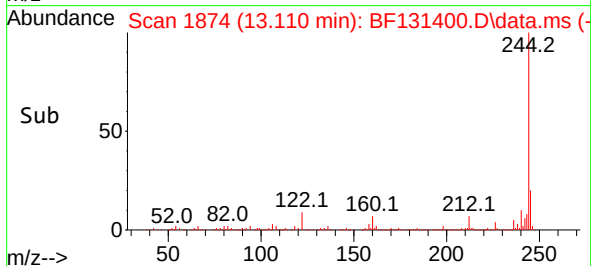
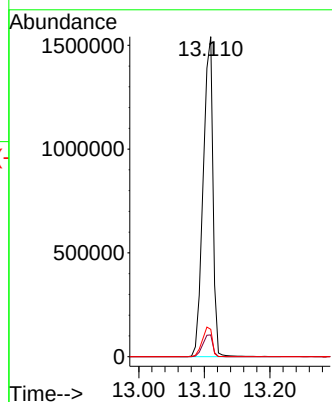
#79
 Terphenyl-d14
 Concen: 114.200 ng
 RT: 13.110 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131400.D
 Acq: 25 Nov 2022 17:37

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1597257

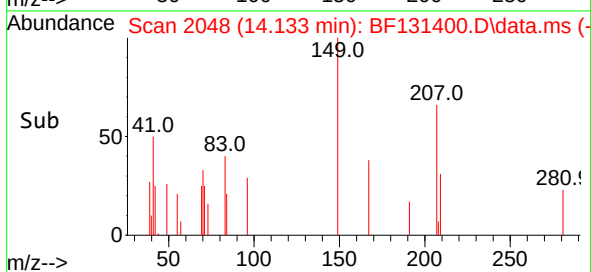
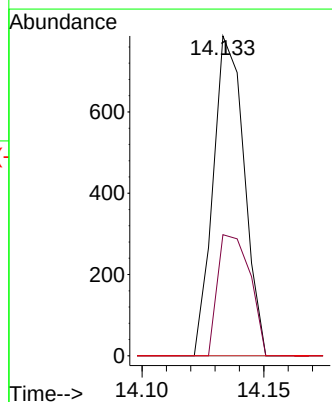
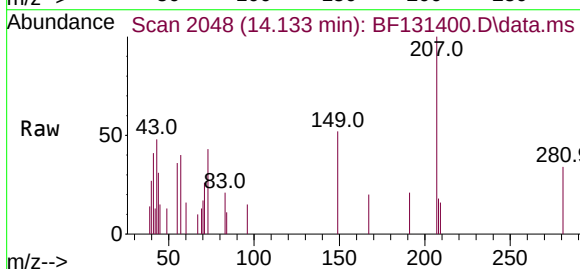
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	8.6	7.5	11.3

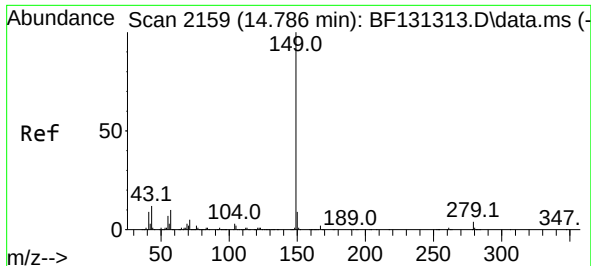


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.820 ng
 RT: 14.133 min Scan# 2048
 Delta R.T. -0.012 min
 Lab File: BF131400.D
 Acq: 25 Nov 2022 17:37

Tgt Ion:149 Resp: 698

Ion	Ratio	Lower	Upper
149	100		
167	37.9	21.9	32.9#
279	0.0	3.0	4.4#

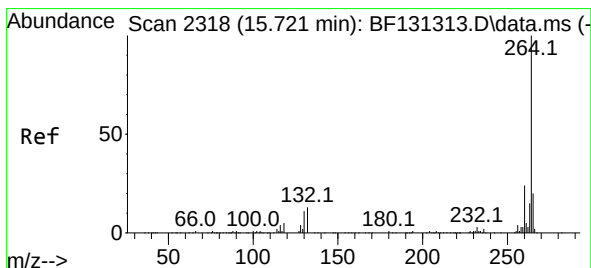
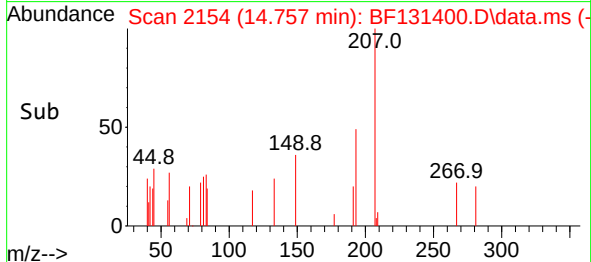
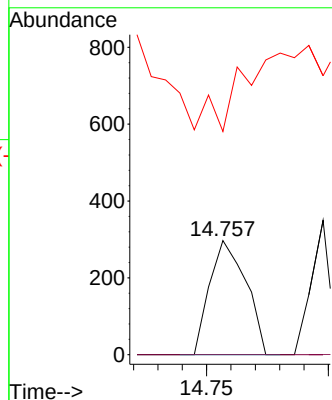
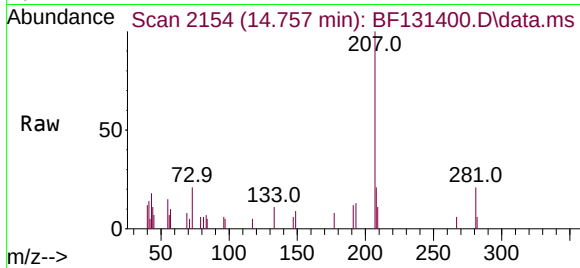




#85
Di-n-octyl phthalate
Concen: 3.929 ng
RT: 14.757 min Scan# 2159
Delta R.T. -0.017 min
Lab File: BF131400.D
Acq: 25 Nov 2022 17:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 308
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.698 min Scan# 2314
Delta R.T. -0.012 min
Lab File: BF131400.D
Acq: 25 Nov 2022 17:37

Tgt Ion:264 Resp: 181235
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.4
265 21.9 16.4 24.6

