

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
 Data File : BF132830.D
 Acq On : 17 Mar 2023 19:01
 Operator : CG\JU
 Sample : 01928-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 031423-1

Quant Time: Mar 17 23:30:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 03:35:59 2023
 Response via : Initial Calibration

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

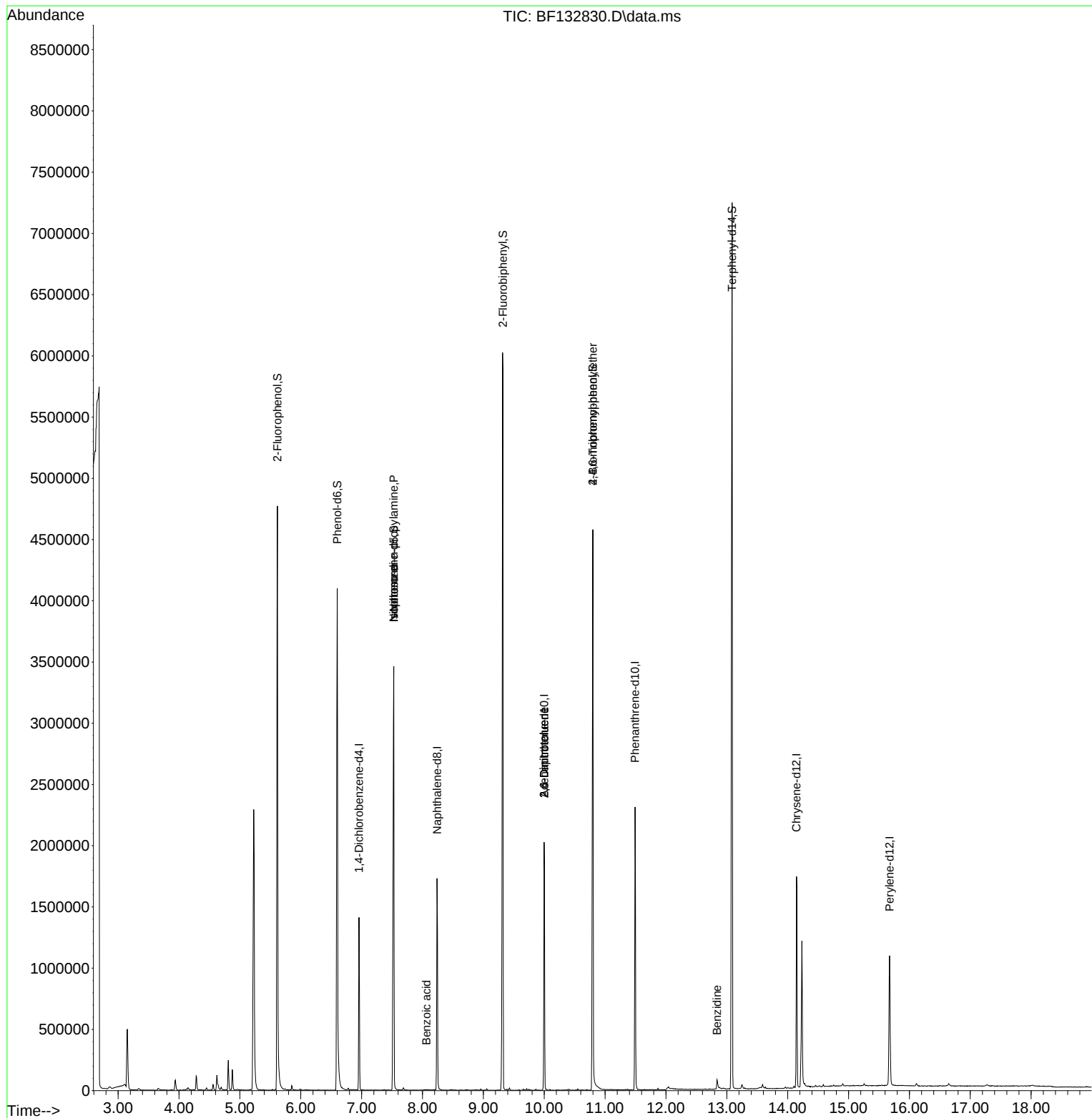
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	198187	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	769625	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	429887	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	873142	20.000	ng	0.00
76) Chrysene-d12	14.145	240	613732	20.000	ng	0.00
86) Perylene-d12	15.674	264	531072	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1521944	129.581	ng	0.03
7) Phenol-d6	6.598	99	1742735	114.316	ng	0.00
23) Nitrobenzene-d5	7.528	82	1338171	88.980	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	614446	134.456	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2186202	83.539	ng	0.00
79) Terphenyl-d14	13.086	244	2776089	81.677	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.528	70	175730	20.203	ng	Qvalue
25) Isophorone	7.528	82	1338343	45.269	ng	# 76
32) Benzoic acid	8.063	122	1608	10.643	ng	# 66
51) 2,6-Dinitrotoluene	9.998	165	56281	8.258	ng	# 89
57) 2,4-Dinitrotoluene	9.998	165	56281	6.465	ng	# 28
67) 4-Bromophenyl-phenylether	10.798	248	38921	3.856	ng	# 23
77) Benzidine	12.839	184	43494	11.379	ng	# 1

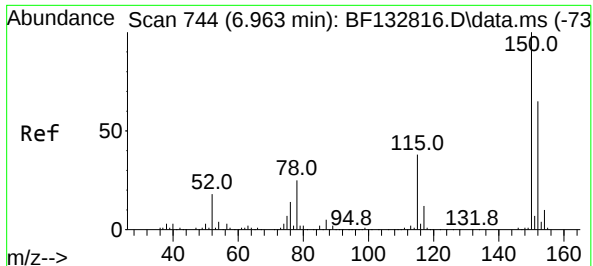
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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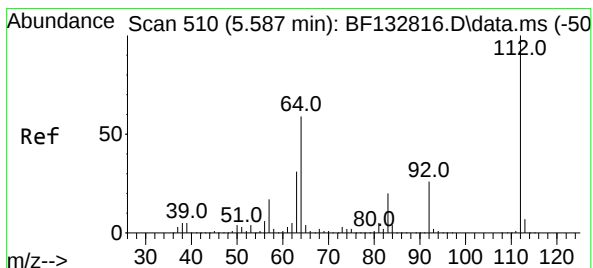
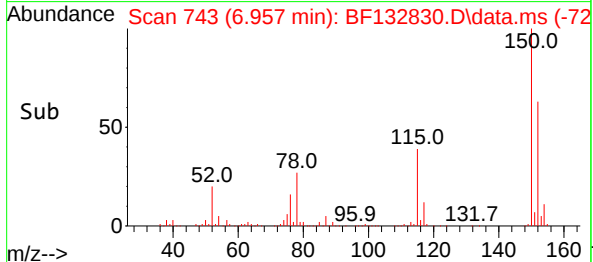
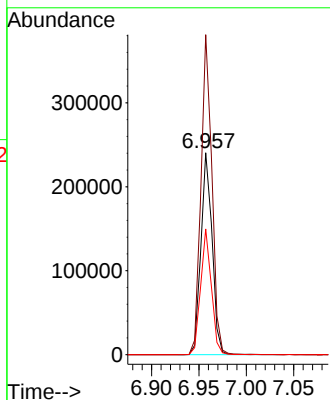
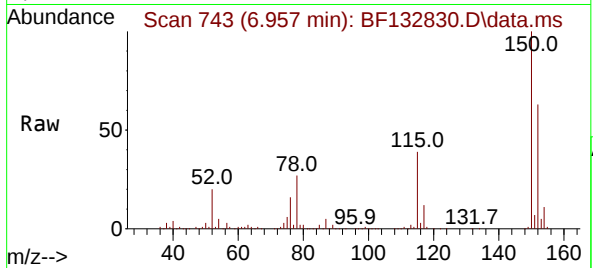




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF132830.D
Acq: 17 Mar 2023 19:01

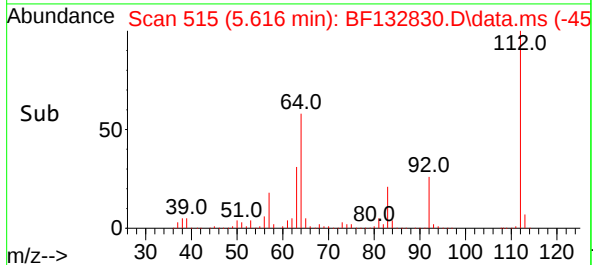
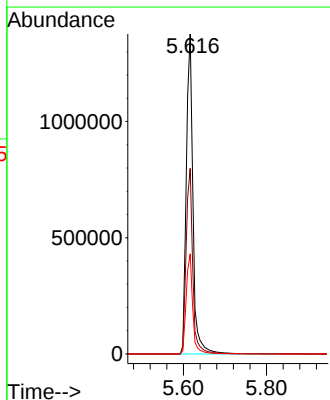
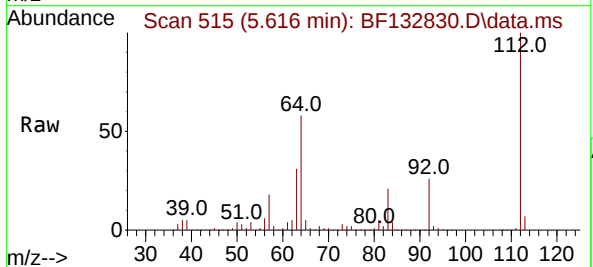
Instrument :
BNA_F
ClientSampleId :
031423-1

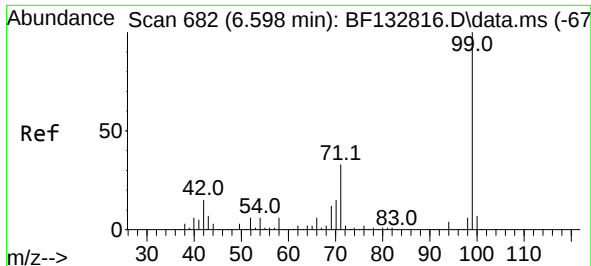
Tgt Ion:152 Resp: 198187
Ion Ratio Lower Upper
152 100
150 158.5 122.7 184.1
115 62.3 46.2 69.4



#5
2-Fluorophenol
Concen: 129.581 ng
RT: 5.616 min Scan# 515
Delta R.T. 0.030 min
Lab File: BF132830.D
Acq: 17 Mar 2023 19:01

Tgt Ion:112 Resp: 1521944
Ion Ratio Lower Upper
112 100
64 58.0 47.1 70.7
63 31.3 24.4 36.6



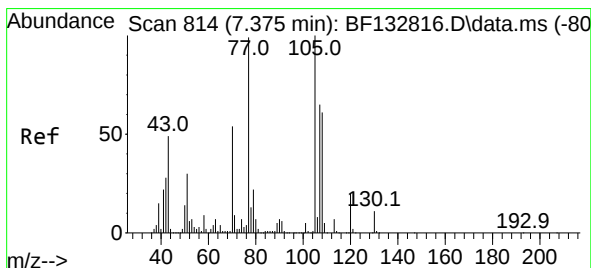
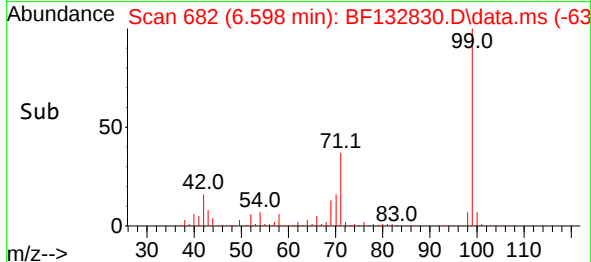
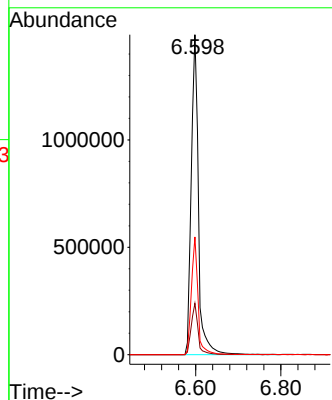
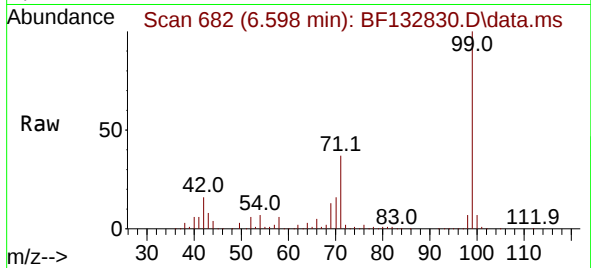


#7
Phenol-d6
Concen: 114.316 ng
RT: 6.598 min Scan# 682
Delta R.T. 0.000 min
Lab File: BF132830.D
Acq: 17 Mar 2023 19:01

Instrument :
BNA_F
ClientSampleId :
031423-1

Tgt Ion: 99 Resp: 1742735

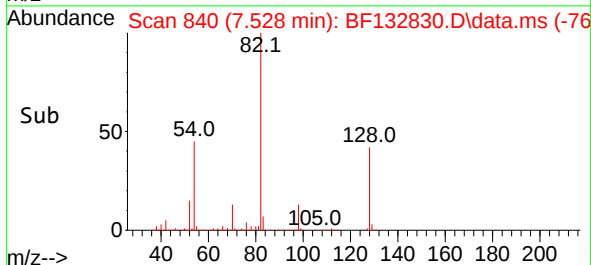
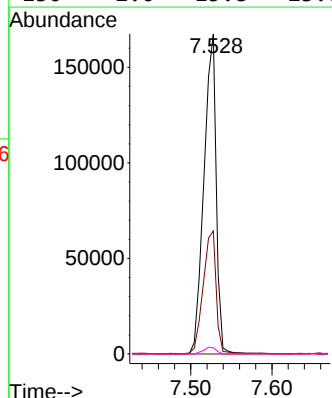
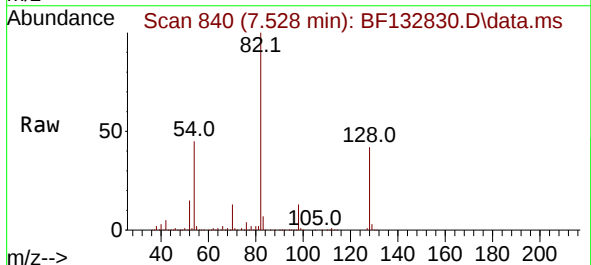
Ion	Ratio	Lower	Upper
99	100		
42	16.1	11.9	17.9
71	36.8	26.3	39.5

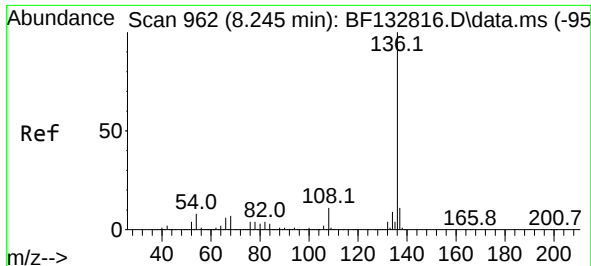


#19
n-Nitroso-di-n-propylamine
Concen: 20.203 ng
RT: 7.528 min Scan# 840
Delta R.T. 0.153 min
Lab File: BF132830.D
Acq: 17 Mar 2023 19:01

Tgt Ion: 70 Resp: 175730

Ion	Ratio	Lower	Upper
70	100		
42	38.5	40.9	61.3#
101	0.0	7.8	11.6#
130	2.0	15.8	23.6#

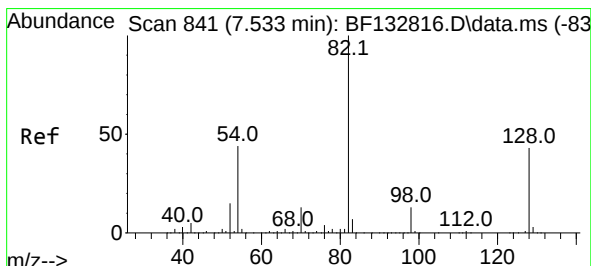
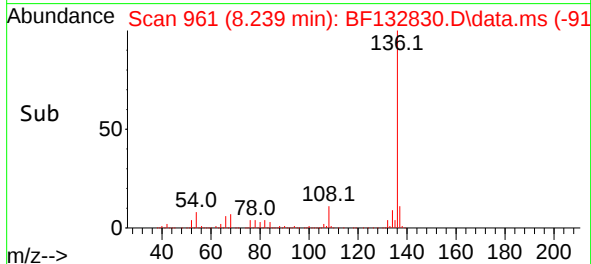
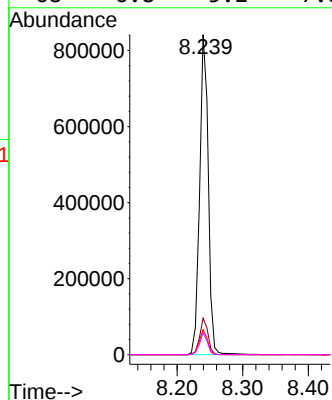
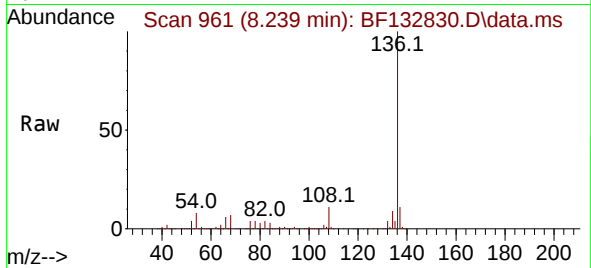




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF132830.D
Acq: 17 Mar 2023 19:01

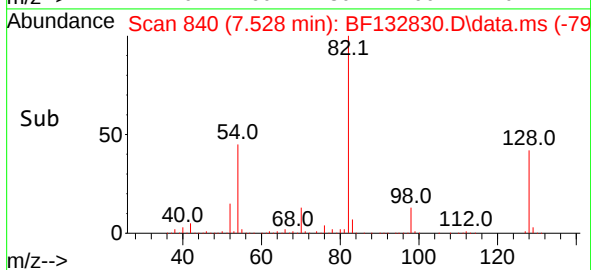
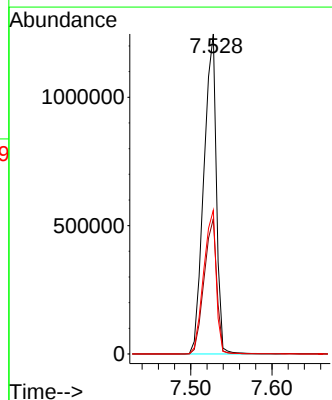
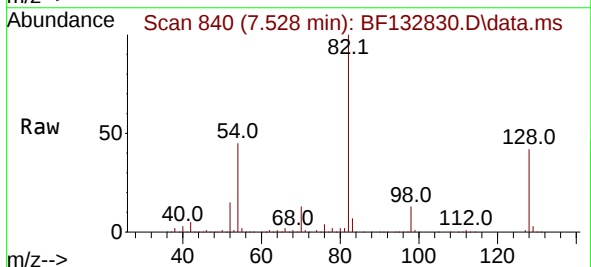
Instrument :
BNA_F
ClientSampleId :
031423-1

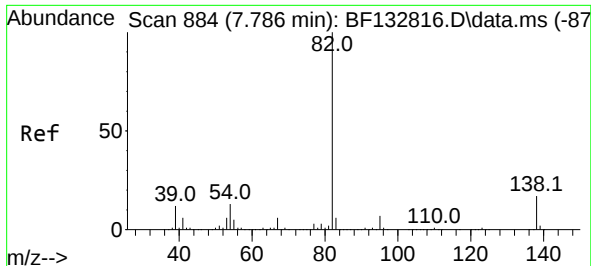
Tgt Ion:136 Resp: 769625
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 7.8 6.1 9.1
68 6.8 5.2 7.8



#23
Nitrobenzene-d5
Concen: 88.980 ng
RT: 7.528 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF132830.D
Acq: 17 Mar 2023 19:01

Tgt Ion: 82 Resp: 1338171
Ion Ratio Lower Upper
82 100
128 42.2 34.4 51.6
54 44.9 35.2 52.8

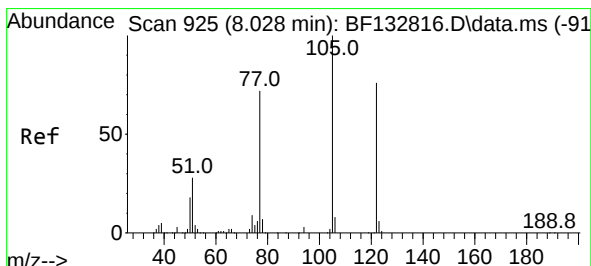
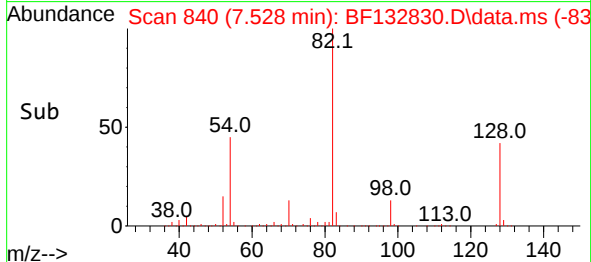
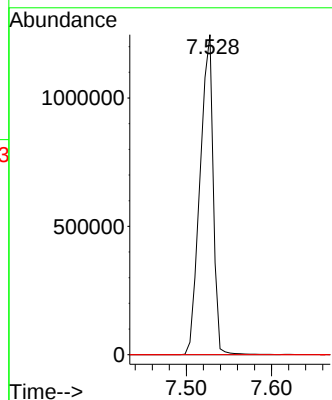
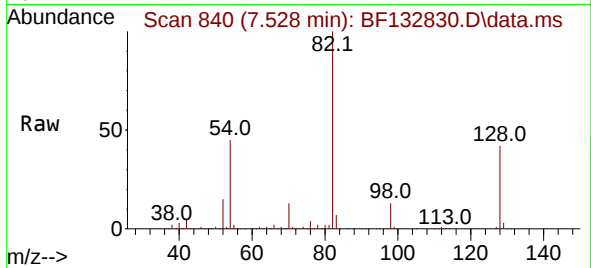




#25
Isophorone
Concen: 45.269 ng
RT: 7.528 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132830.D
Acq: 17 Mar 2023 19:01

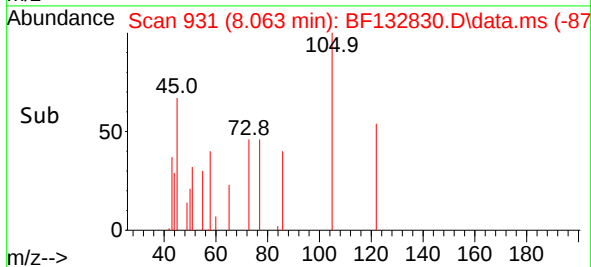
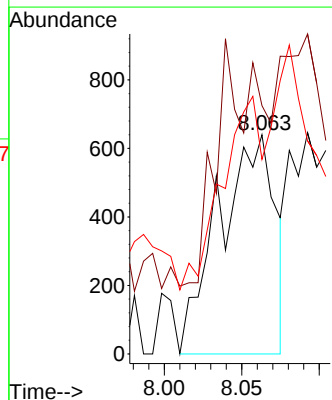
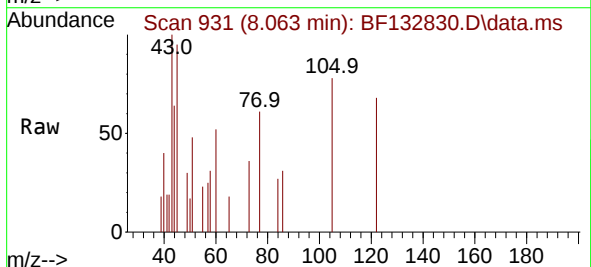
Instrument :
BNA_F
ClientSampleId :
031423-1

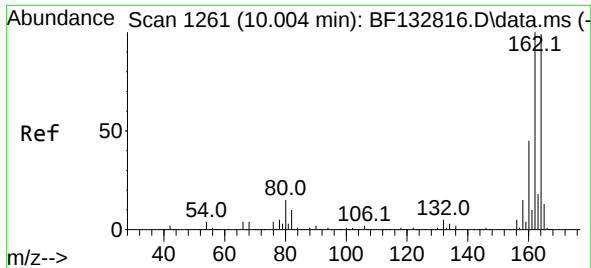
Tgt Ion: 82 Resp: 1338343
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#32
Benzoic acid
Concen: 10.643 ng
RT: 8.063 min Scan# 931
Delta R.T. 0.035 min
Lab File: BF132830.D
Acq: 17 Mar 2023 19:01

Tgt Ion: 122 Resp: 1608
Ion Ratio Lower Upper
122 100
105 113.3 110.8 150.8
77 88.8 74.2 114.2

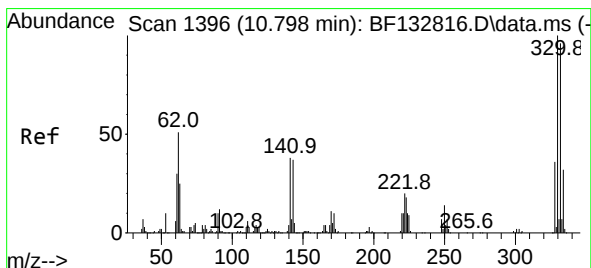
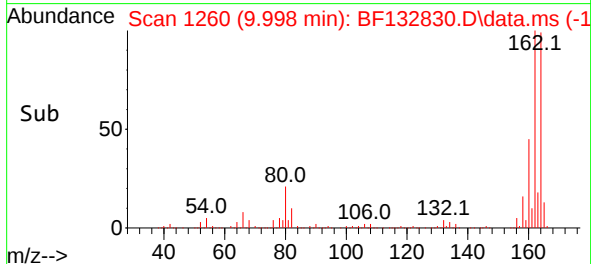
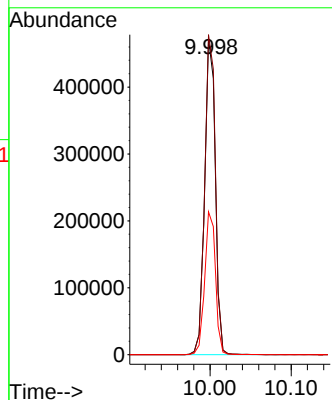
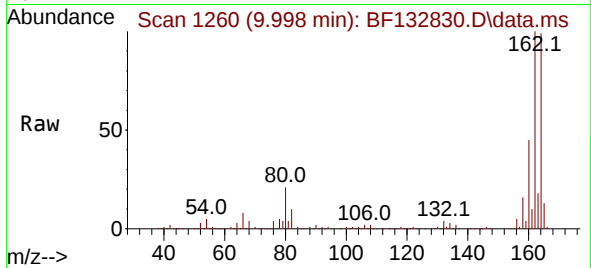




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF132830.D
Acq: 17 Mar 2023 19:01

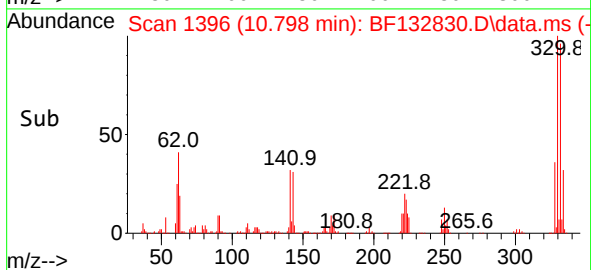
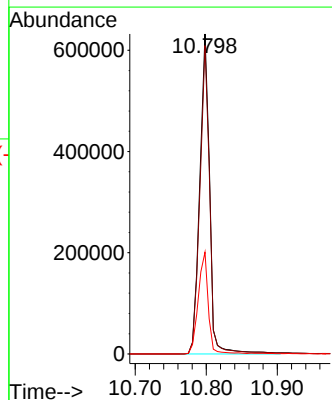
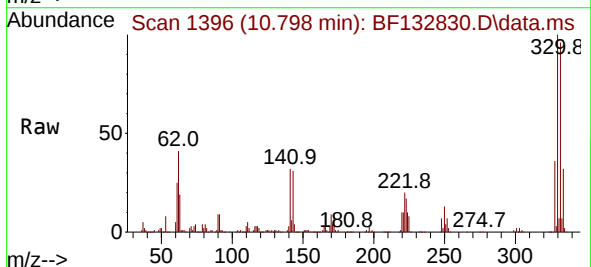
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ClientSampleId :
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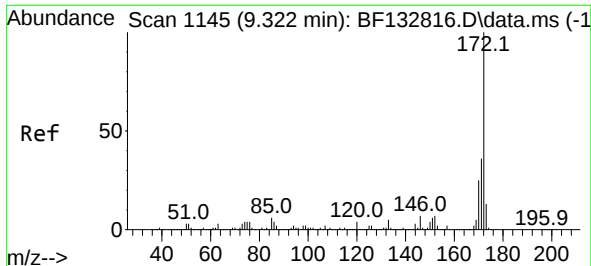
Tgt Ion:164 Resp: 429887
Ion Ratio Lower Upper
164 100
162 101.3 80.6 121.0
160 45.2 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 134.456 ng
RT: 10.798 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF132830.D
Acq: 17 Mar 2023 19:01

Tgt Ion:330 Resp: 614446
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 32.2 26.7 40.1





#45

2-Fluorobiphenyl

Concen: 83.539 ng

RT: 9.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF132830.D

Acq: 17 Mar 2023 19:01

Instrument :

BNA_F

ClientSampleId :

031423-1

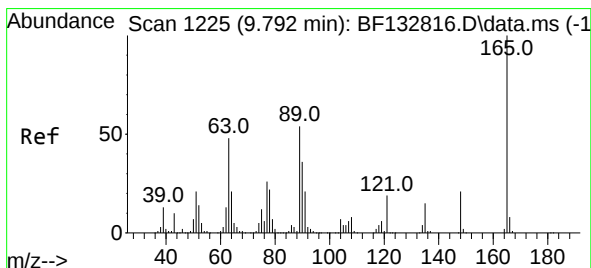
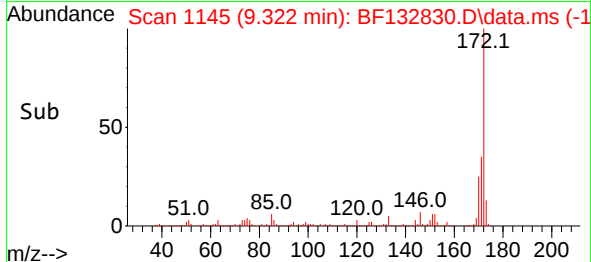
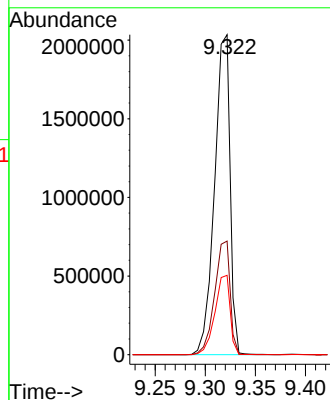
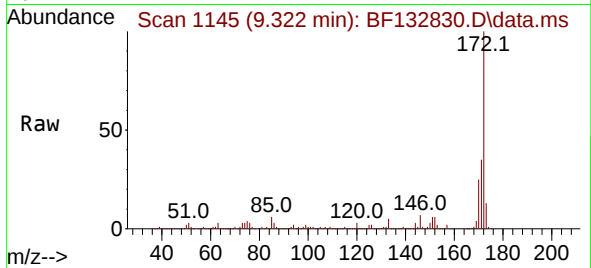
Tgt Ion:172 Resp: 2186202

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 24.8 19.8 29.8



#51

2,6-Dinitrotoluene

Concen: 8.258 ng

RT: 9.998 min Scan# 1260

Delta R.T. 0.206 min

Lab File: BF132830.D

Acq: 17 Mar 2023 19:01

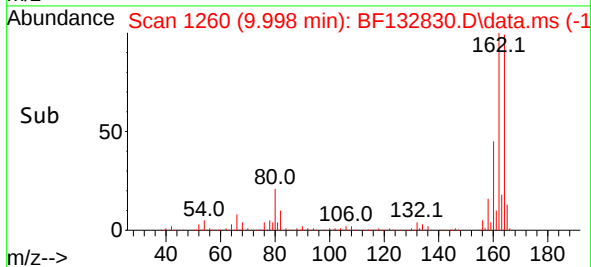
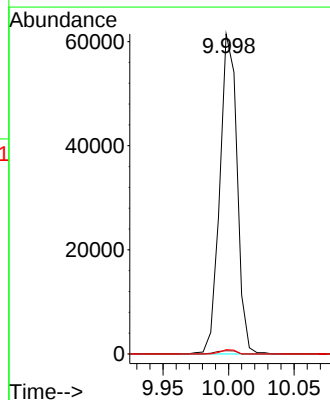
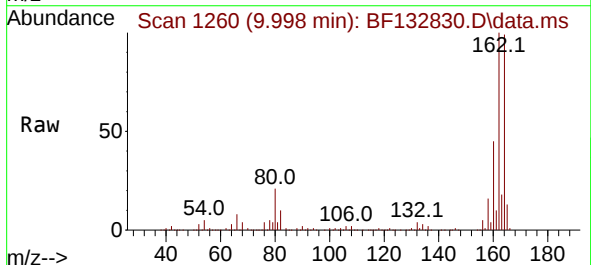
Tgt Ion:165 Resp: 56281

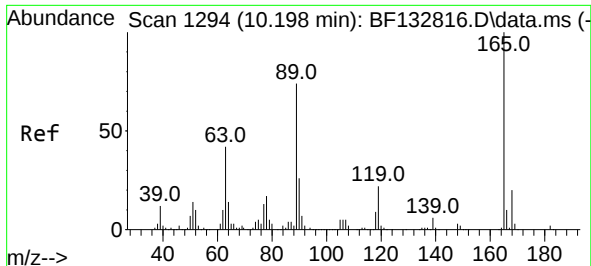
Ion Ratio Lower Upper

165 100

63 1.0 39.1 58.7#

89 1.4 43.5 65.3#

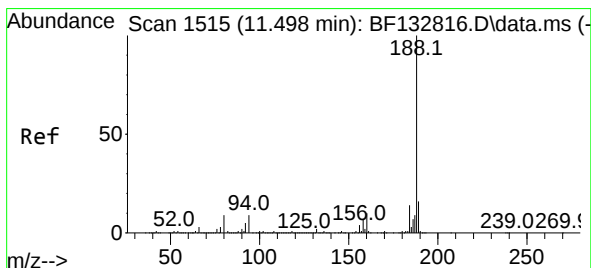
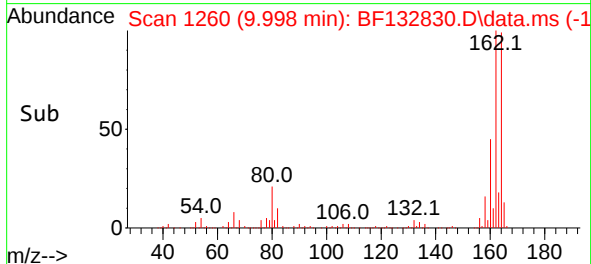
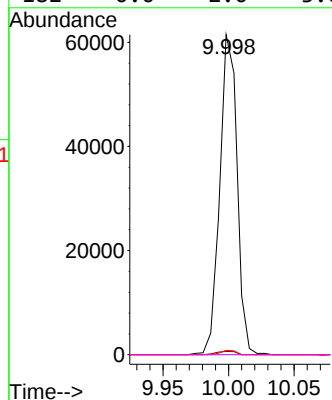
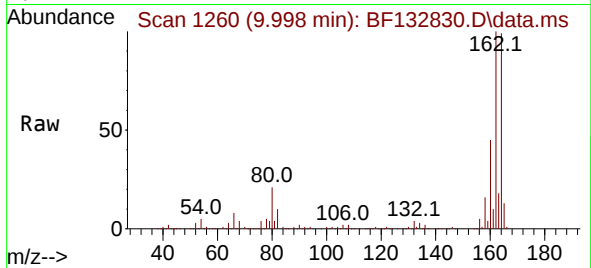




#57
2,4-Dinitrotoluene
Concen: 6.465 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132830.D
Acq: 17 Mar 2023 19:01

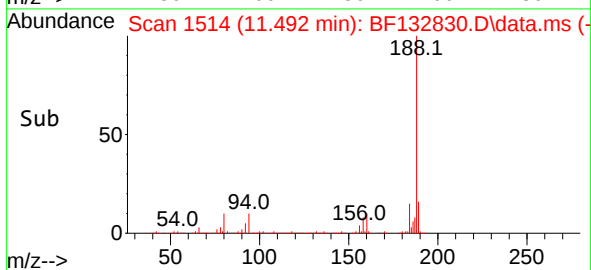
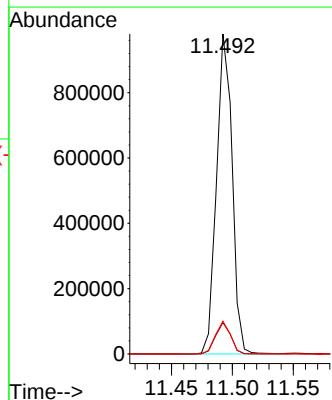
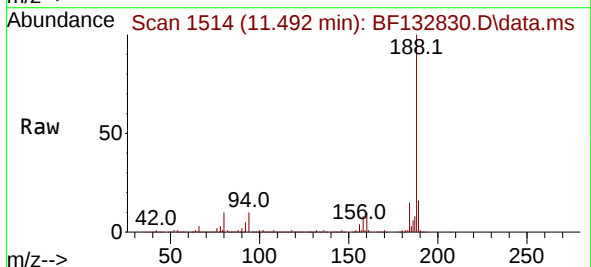
Instrument :
BNA_F
ClientSampleId :
031423-1

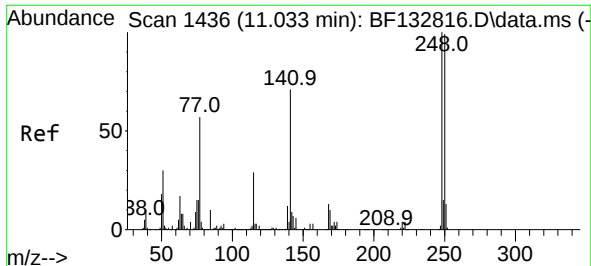
Tgt Ion:165 Resp: 56281
Ion Ratio Lower Upper
165 100
63 1.0 34.4 51.6#
89 1.4 59.5 89.3#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF132830.D
Acq: 17 Mar 2023 19:01

Tgt Ion:188 Resp: 873142
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.2 7.5 11.3





#67

4-Bromophenyl-phenylether

Concen: 3.856 ng

RT: 10.798 min Scan# 1

Delta R.T. -0.235 min

Lab File: BF132830.D

Acq: 17 Mar 2023 19:01

Instrument :

BNA_F

ClientSampleId :

031423-1

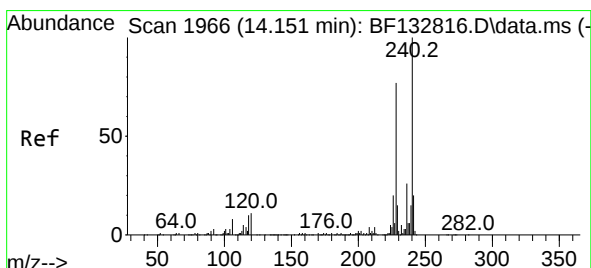
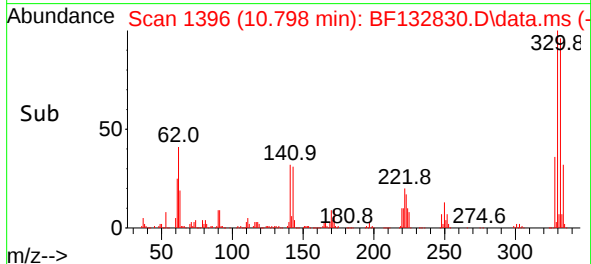
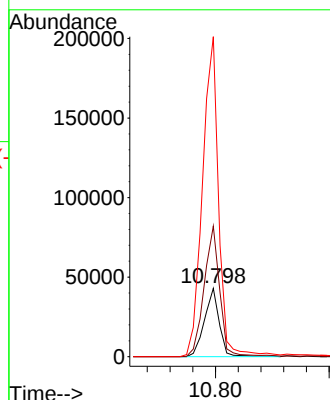
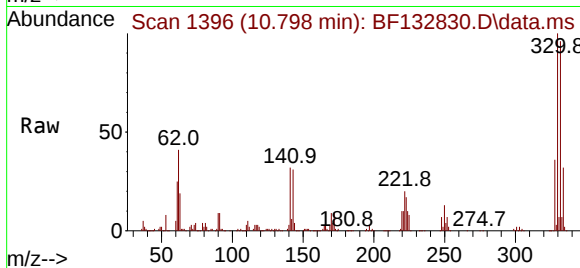
Tgt Ion:248 Resp: 38921

Ion Ratio Lower Upper

248 100

250 191.0 79.1 118.7#

141 468.1 57.1 85.7#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.145 min Scan# 1965

Delta R.T. -0.006 min

Lab File: BF132830.D

Acq: 17 Mar 2023 19:01

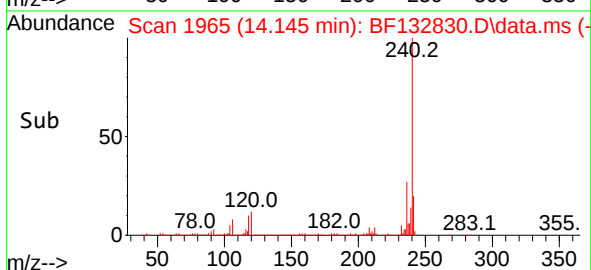
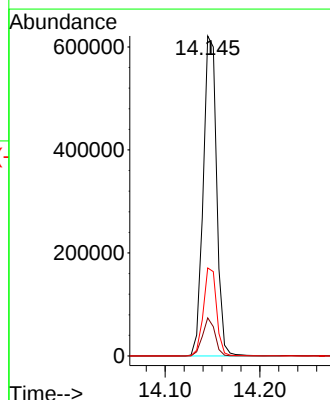
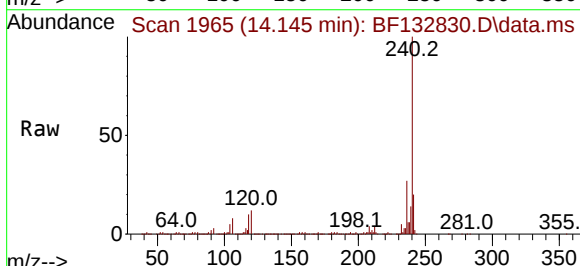
Tgt Ion:240 Resp: 613732

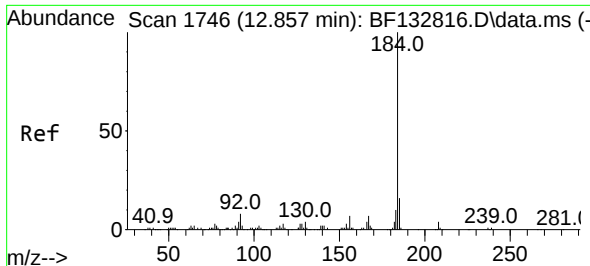
Ion Ratio Lower Upper

240 100

120 11.9 9.1 13.7

236 27.5 21.2 31.8

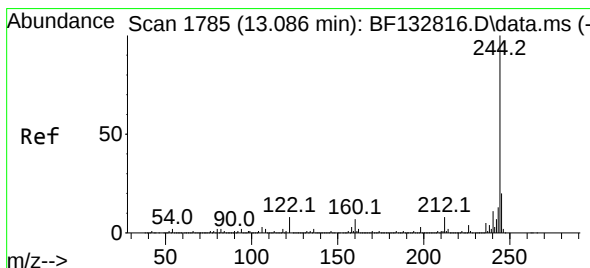
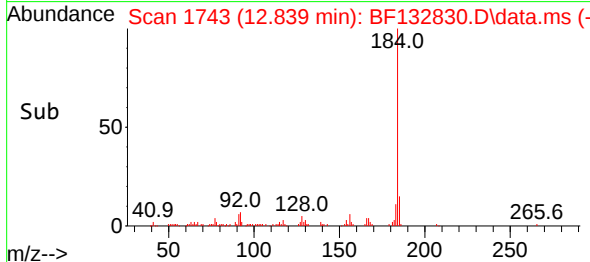
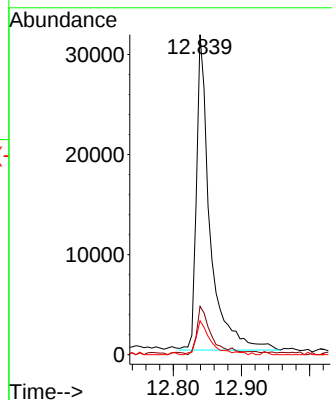
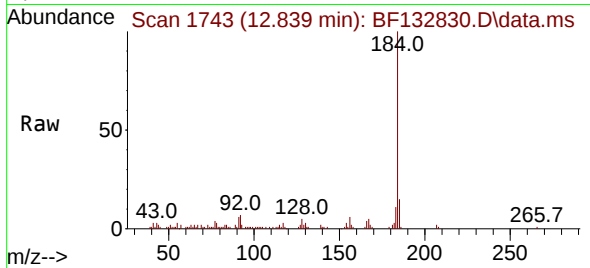




#77
Benzidine
Concen: 11.379 ng
RT: 12.839 min Scan# 1743
Delta R.T. -0.018 min
Lab File: BF132830.D
Acq: 17 Mar 2023 19:01

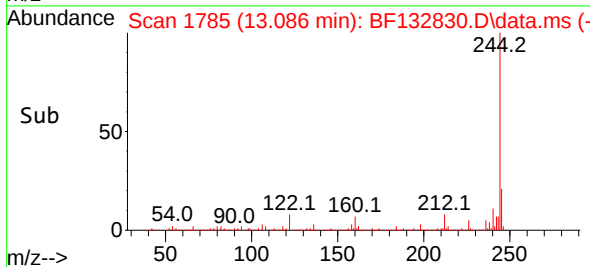
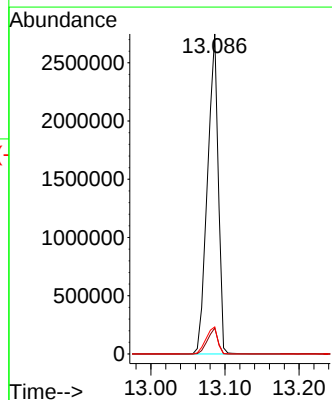
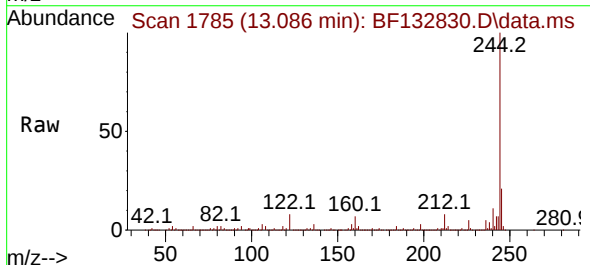
Instrument :
BNA_F
ClientSampleId :
031423-1

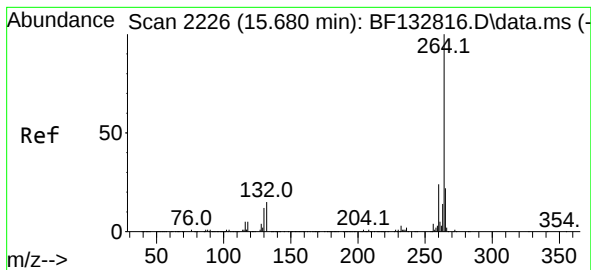
Tgt Ion:184 Resp: 43494
Ion Ratio Lower Upper
184 100
185 15.1 12.6 19.0
183 10.6 8.2 12.4



#79
Terphenyl-d14
Concen: 81.677 ng
RT: 13.086 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF132830.D
Acq: 17 Mar 2023 19:01

Tgt Ion:244 Resp: 2776089
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 8.5 6.6 9.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.674 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132830.D

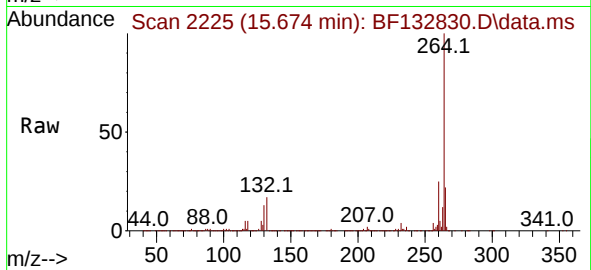
Acq: 17 Mar 2023 19:01

Instrument :

BNA_F

ClientSampleId :

031423-1



Tgt Ion:264 Resp: 531072

Ion Ratio Lower Upper

264 100

260 25.5 18.9 28.3

265 21.6 17.4 26.0

