

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
 Data File : BF132839.D
 Acq On : 18 Mar 2023 00:07
 Operator : CG\JU
 Sample : 01954-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SV-TP4-0316

Quant Time: Mar 18 03:05:31 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)

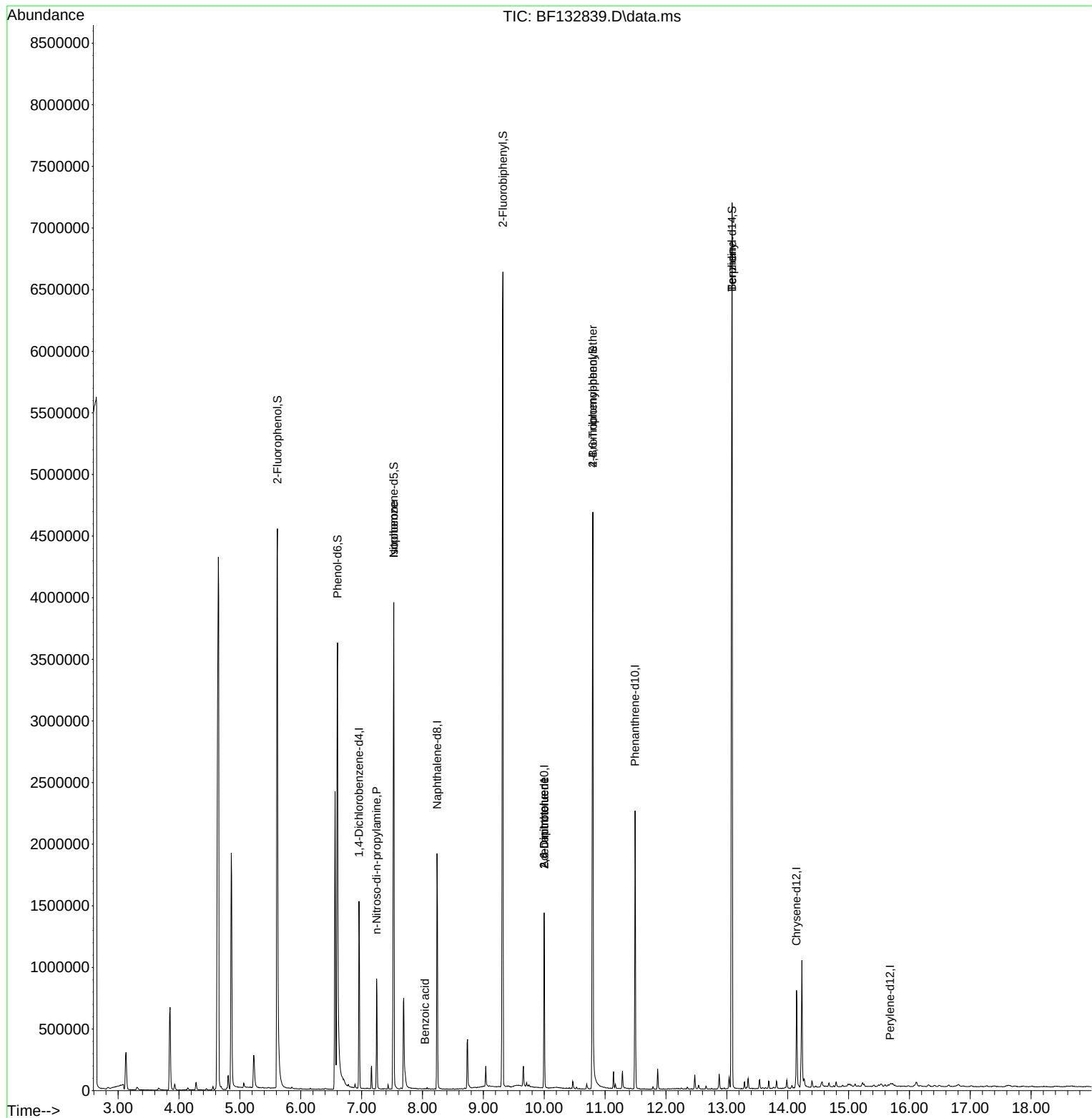
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	222992	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	832687	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	236507	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	749040	20.000	ng	0.00
76) Chrysene-d12	14.145	240	181578	20.000	ng	# 0.00
86) Perylene-d12	15.680	264	4540	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1815393	137.372	ng	0.03
7) Phenol-d6	6.604	99	1492234	86.996	ng	0.00
23) Nitrobenzene-d5	7.528	82	1534208	94.289	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	709048	282.022	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2437915	169.328	ng	0.00
79) Terphenyl-d14	13.086	244	2643329	262.864	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.245	70	37877	3.870	ng	# 38
25) Isophorone	7.528	82	1534195	47.963	ng	# 66
32) Benzoic acid	8.040	122	370	10.507	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	30757	8.203	ng	# 30
57) 2,4-Dinitrotoluene	9.998	165	30757	6.422	ng	# 25
67) 4-Bromophenyl-phenylether	10.798	248	44669	5.158	ng	# 1
77) Benzidine	13.086	184	39507	34.937	ng	# 95

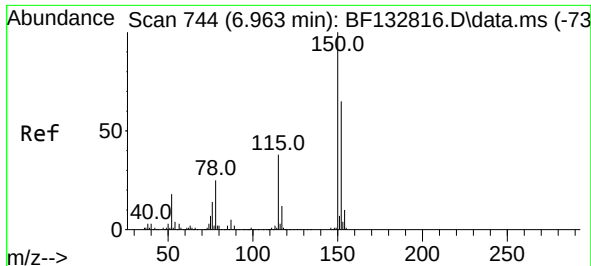
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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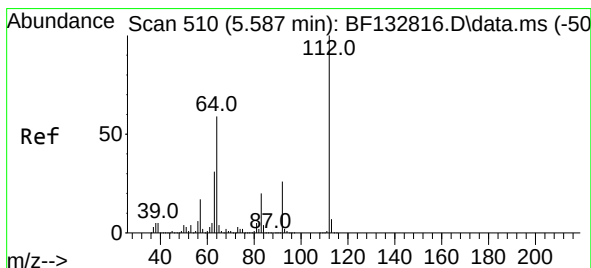
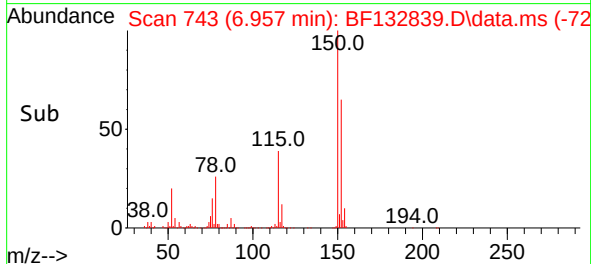
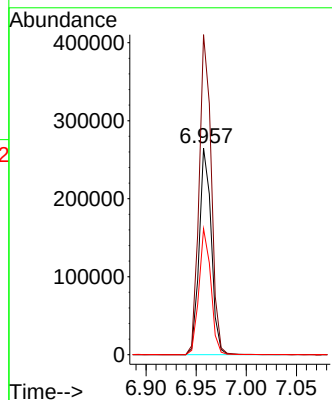
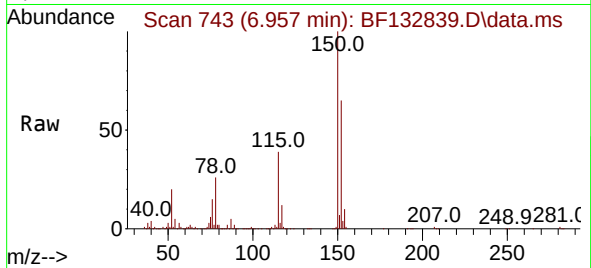




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF132839.D
Acq: 18 Mar 2023 00:07

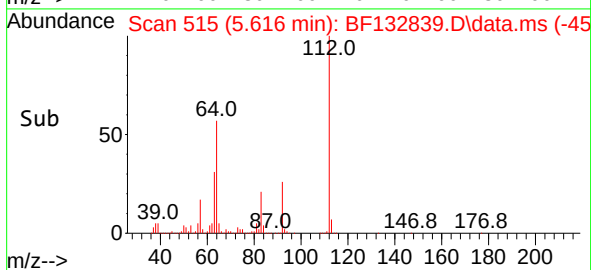
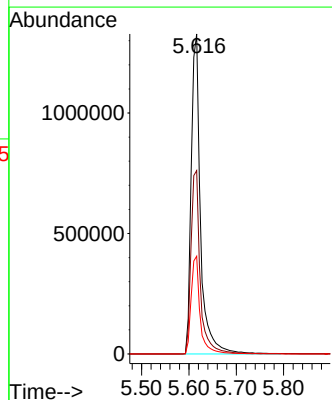
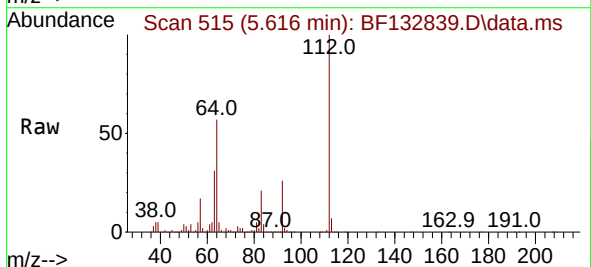
Instrument :
BNA_F
ClientSampleId :
SV-TP4-0316

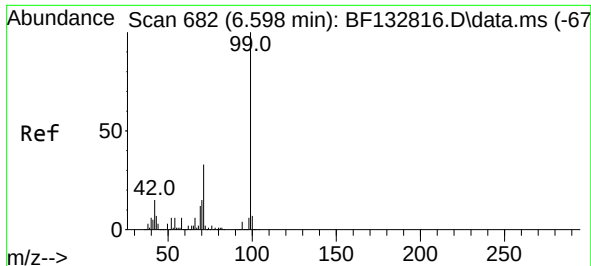
Tgt Ion:152 Resp: 222992
Ion Ratio Lower Upper
152 100
150 154.9 122.7 184.1
115 60.9 46.2 69.4



#5
2-Fluorophenol
Concen: 137.372 ng
RT: 5.616 min Scan# 515
Delta R.T. 0.030 min
Lab File: BF132839.D
Acq: 18 Mar 2023 00:07

Tgt Ion:112 Resp: 1815393
Ion Ratio Lower Upper
112 100
64 57.3 47.1 70.7
63 30.6 24.4 36.6

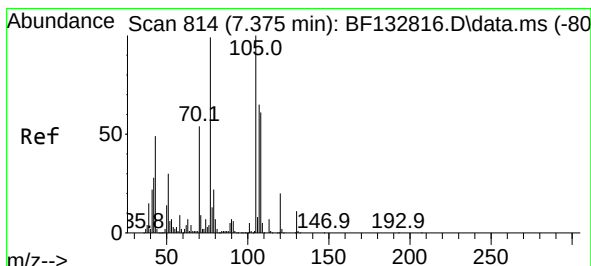
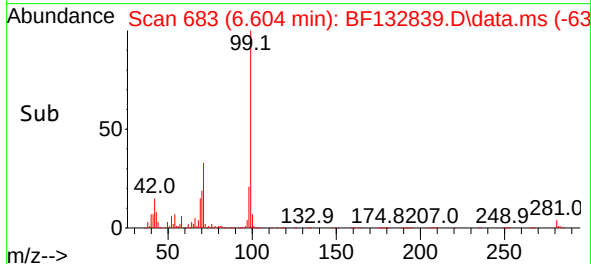
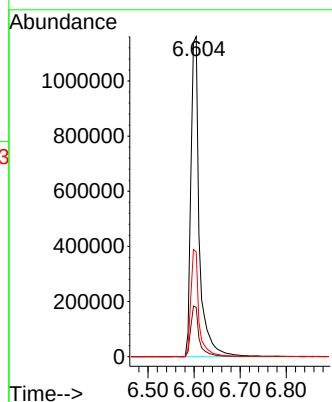
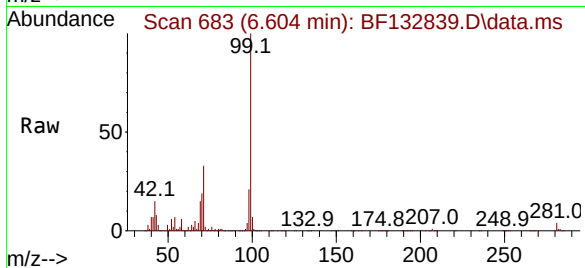




#7
Phenol-d6
Concen: 86.996 ng
RT: 6.604 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132839.D
Acq: 18 Mar 2023 00:07

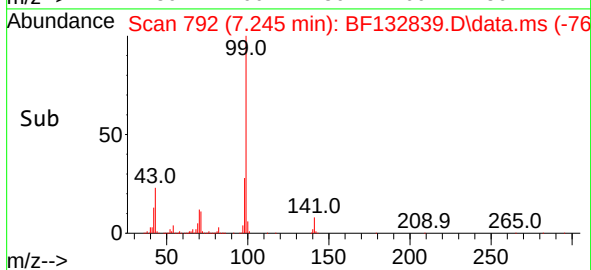
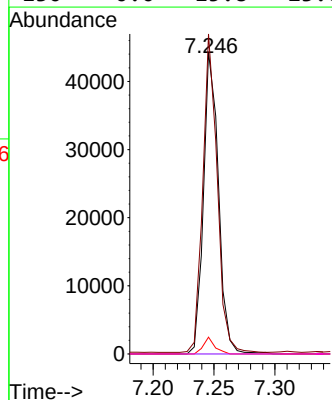
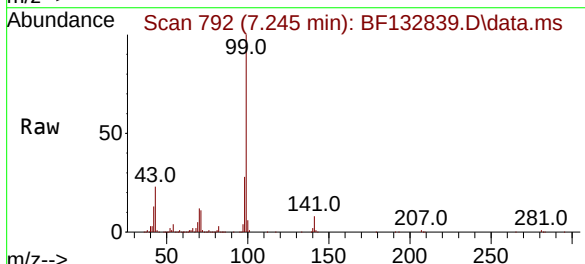
Instrument :
BNA_F
ClientSampleId :
SV-TP4-0316

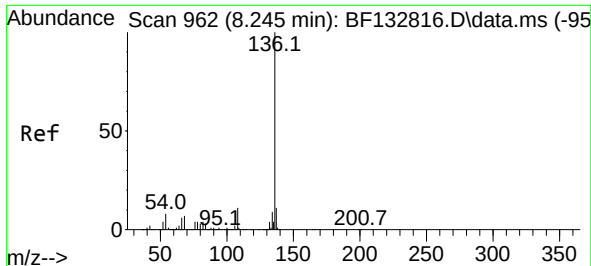
Tgt Ion: 99 Resp: 1492234
Ion Ratio Lower Upper
99 100
42 15.5 11.9 17.9
71 32.7 26.3 39.5



#19
n-Nitroso-di-n-propylamine
Concen: 3.870 ng
RT: 7.245 min Scan# 792
Delta R.T. -0.129 min
Lab File: BF132839.D
Acq: 18 Mar 2023 00:07

Tgt Ion: 70 Resp: 37877
Ion Ratio Lower Upper
70 100
42 106.0 40.9 61.3#
101 5.6 7.8 11.6#
130 0.0 15.8 23.6#

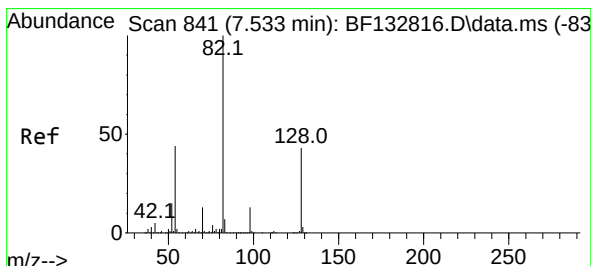
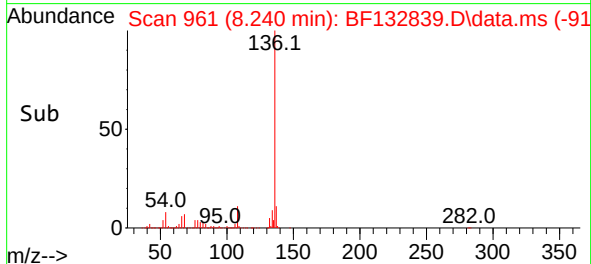
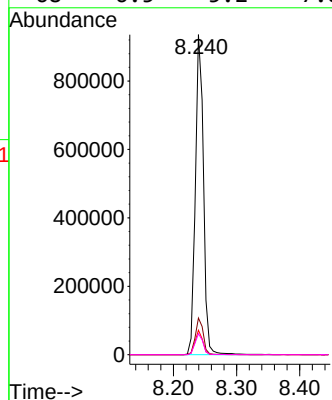
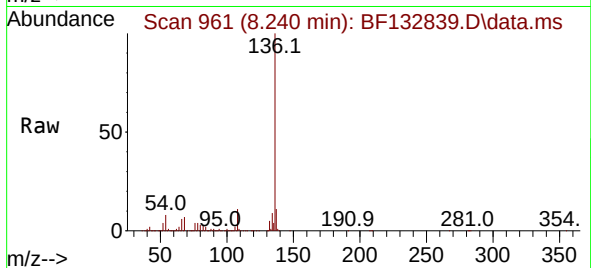




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF132839.D
Acq: 18 Mar 2023 00:07

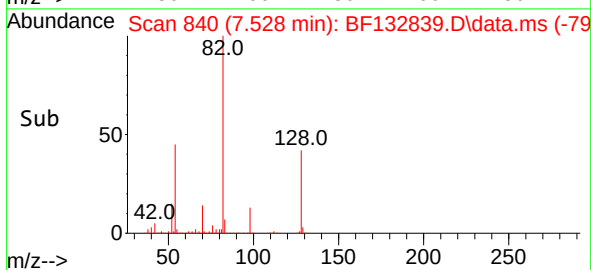
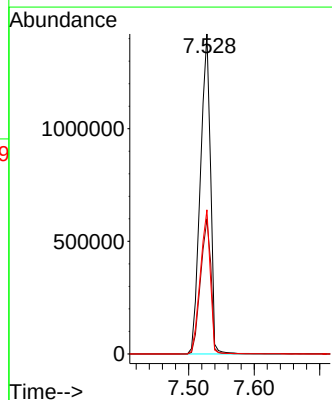
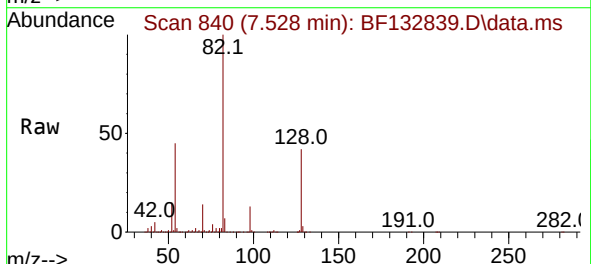
Instrument :
BNA_F
ClientSampleId :
SV-TP4-0316

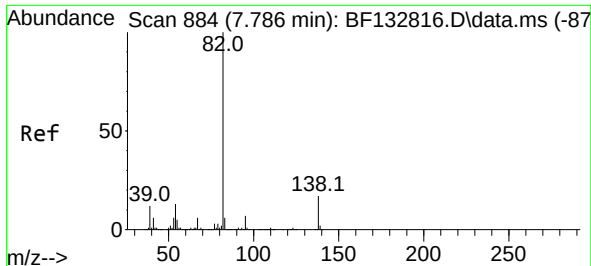
Tgt Ion:136 Resp: 832687
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 7.6 6.1 9.1
68 6.5 5.2 7.8



#23
Nitrobenzene-d5
Concen: 94.289 ng
RT: 7.528 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF132839.D
Acq: 18 Mar 2023 00:07

Tgt Ion: 82 Resp: 1534208
Ion Ratio Lower Upper
82 100
128 42.1 34.4 51.6
54 45.0 35.2 52.8

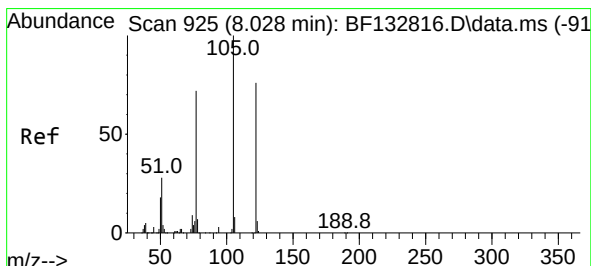
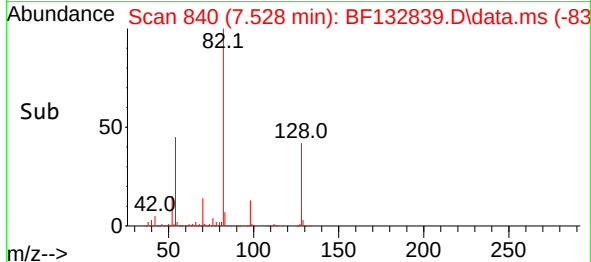
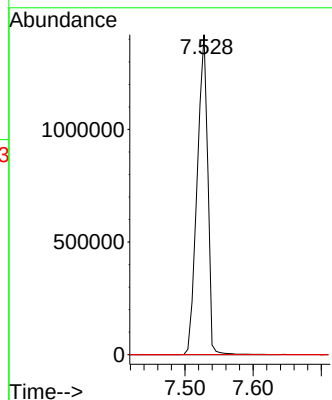
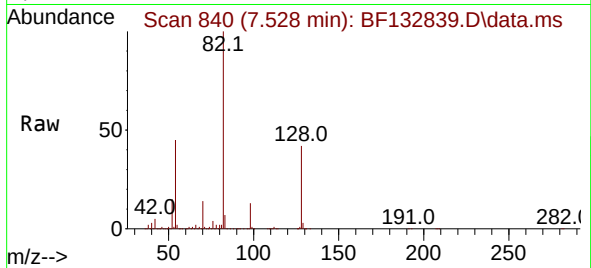




#25
Isophorone
Concen: 47.963 ng
RT: 7.528 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132839.D
Acq: 18 Mar 2023 00:07

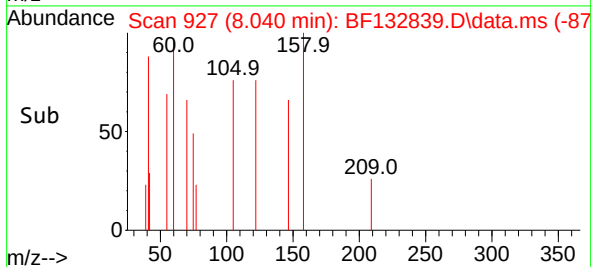
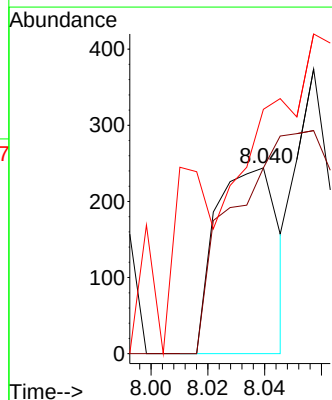
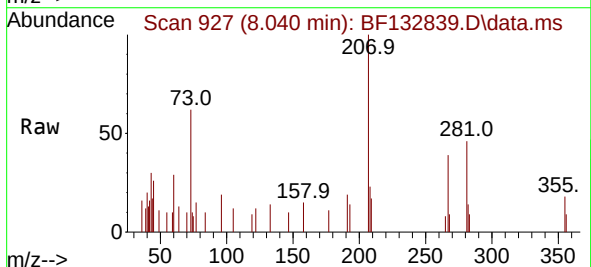
Instrument :
BNA_F
ClientSampleId :
SV-TP4-0316

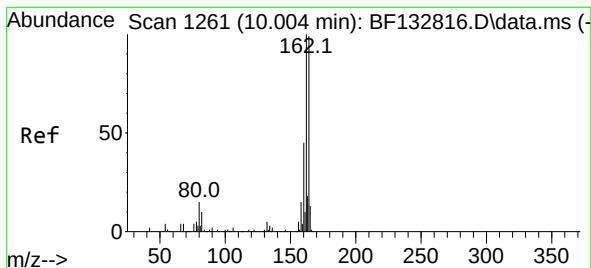
Tgt Ion: 82 Resp: 1534195
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#32
Benzoic acid
Concen: 10.507 ng
RT: 8.040 min Scan# 927
Delta R.T. 0.012 min
Lab File: BF132839.D
Acq: 18 Mar 2023 00:07

Tgt Ion:122 Resp: 370
Ion Ratio Lower Upper
122 100
105 100.0 110.8 150.8#
77 131.6 74.2 114.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BF132839.D

Acq: 18 Mar 2023 00:07

Instrument :

BNA_F

ClientSampleId :

SV-TP4-0316

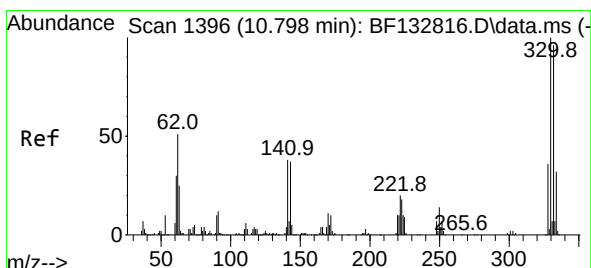
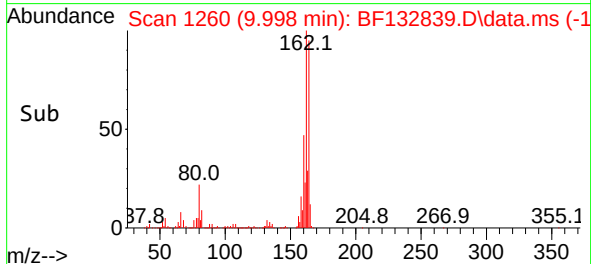
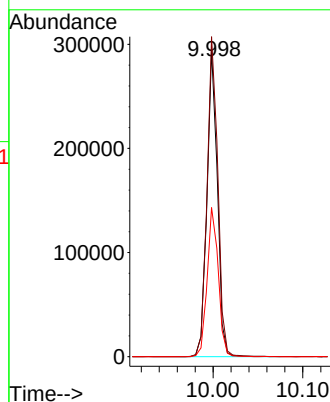
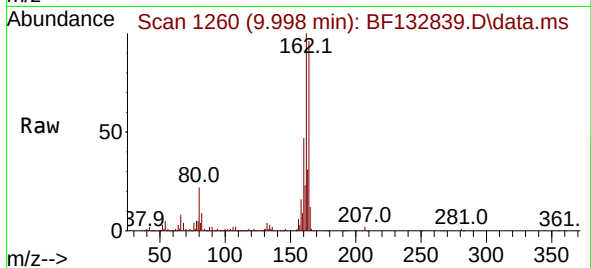
Tgt Ion:164 Resp: 236507

Ion Ratio Lower Upper

164 100

162 104.5 80.6 121.0

160 48.7 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 282.022 ng

RT: 10.798 min Scan# 1396

Delta R.T. 0.000 min

Lab File: BF132839.D

Acq: 18 Mar 2023 00:07

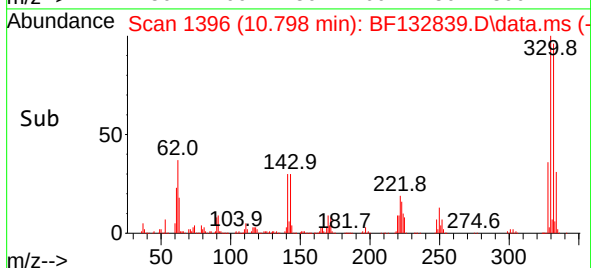
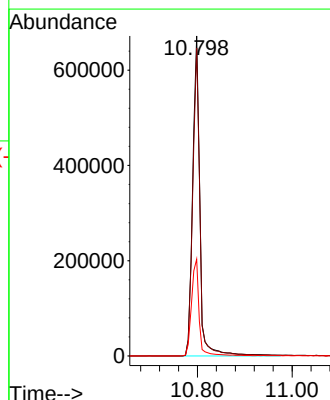
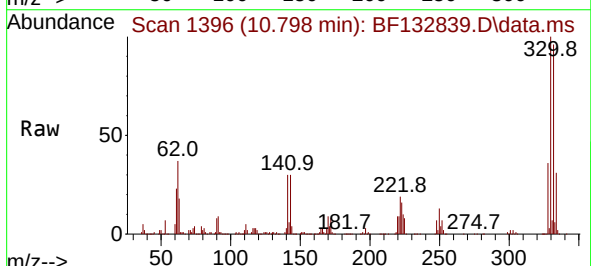
Tgt Ion:330 Resp: 709048

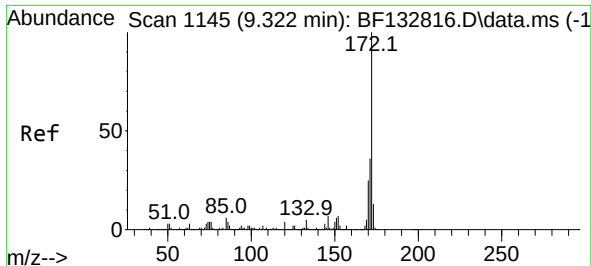
Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

141 32.0 26.7 40.1

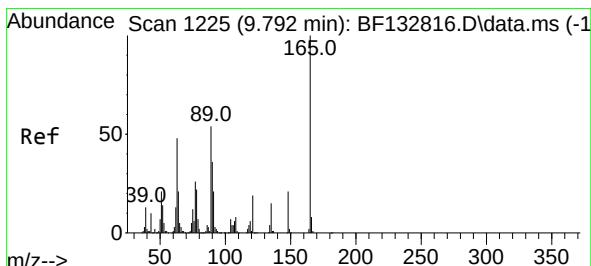
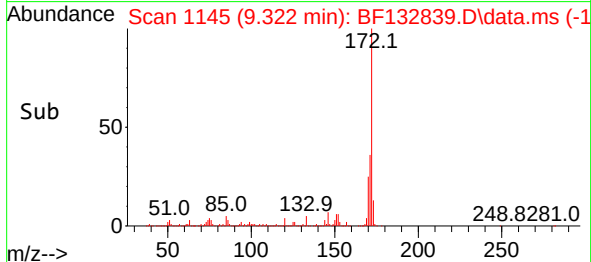
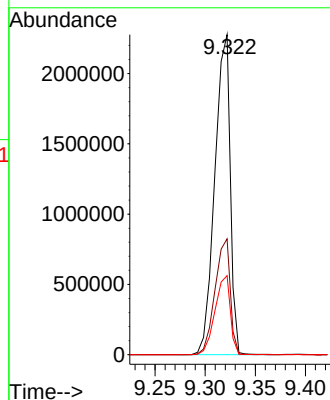
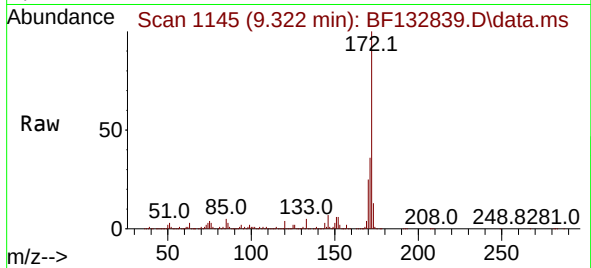




#45
2-Fluorobiphenyl
Concen: 169.328 ng
RT: 9.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF132839.D
Acq: 18 Mar 2023 00:07

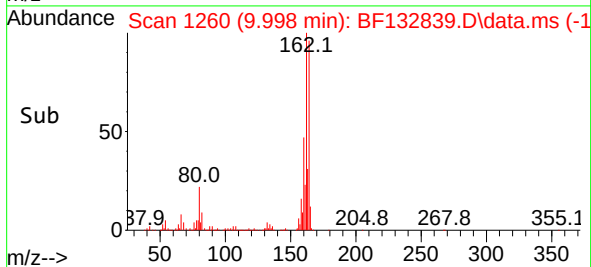
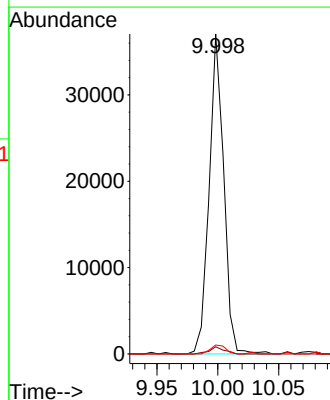
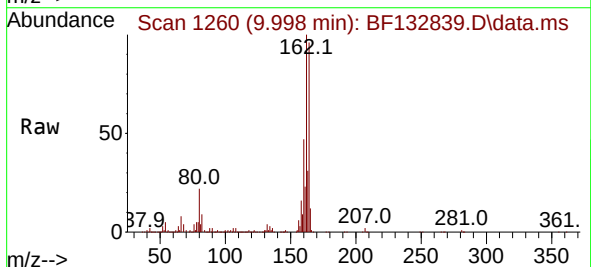
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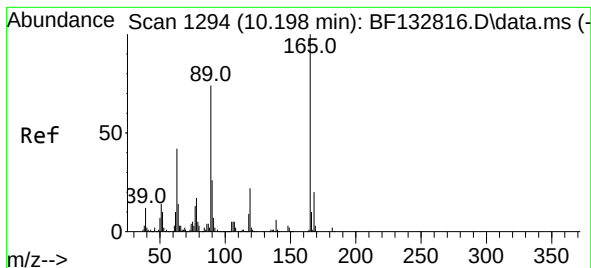
Tgt Ion:172 Resp: 2437915
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 24.7 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 8.203 ng
RT: 9.998 min Scan# 1260
Delta R.T. 0.206 min
Lab File: BF132839.D
Acq: 18 Mar 2023 00:07

Tgt Ion:165 Resp: 30757
Ion Ratio Lower Upper
165 100
63 2.3 39.1 58.7#
89 2.8 43.5 65.3#

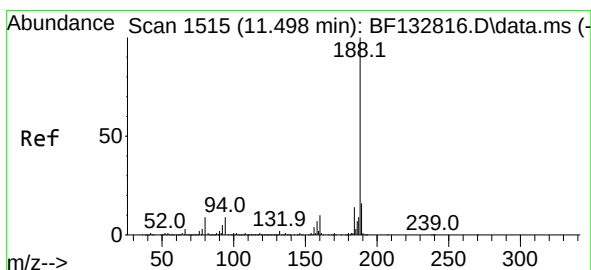
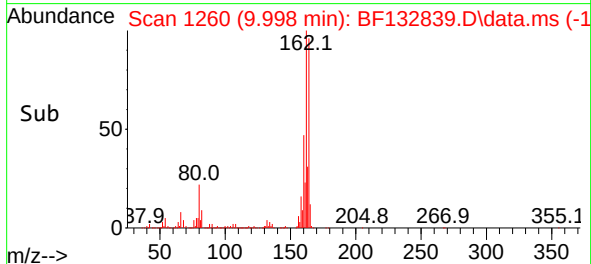
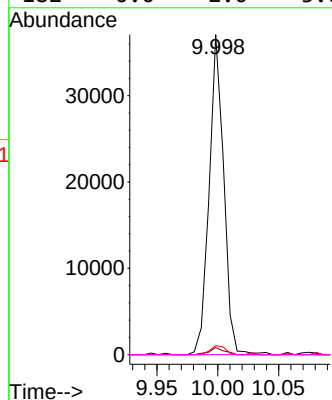
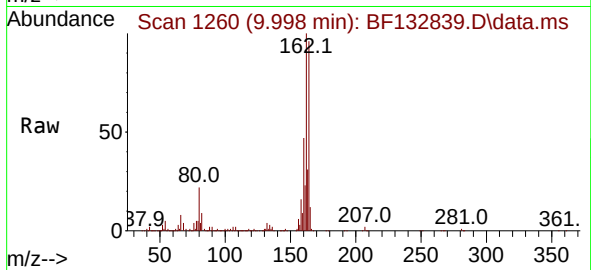




#57
2,4-Dinitrotoluene
Concen: 6.422 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132839.D
Acq: 18 Mar 2023 00:07

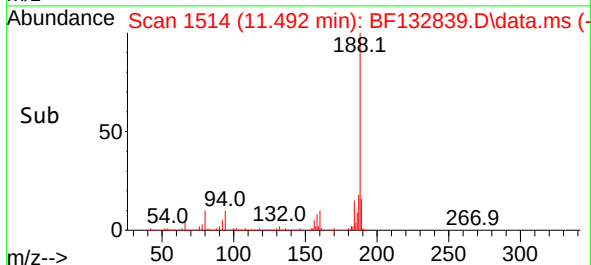
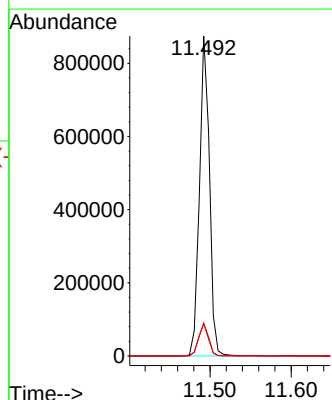
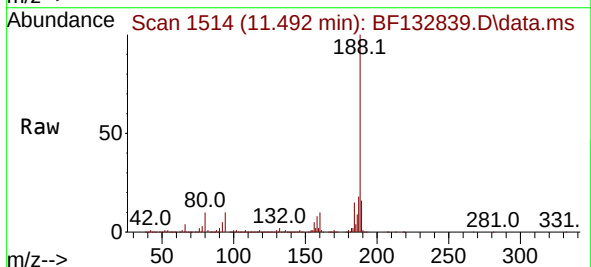
Instrument :
BNA_F
ClientSampleId :
SV-TP4-0316

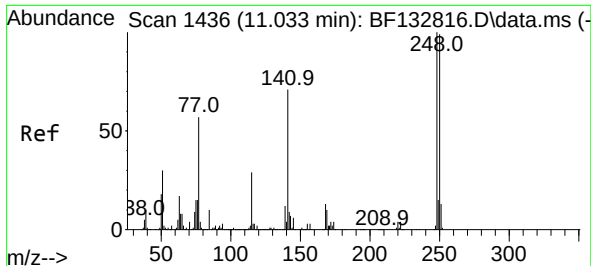
Tgt Ion:165 Resp: 30757
Ion Ratio Lower Upper
165 100
63 2.3 34.4 51.6#
89 2.8 59.5 89.3#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF132839.D
Acq: 18 Mar 2023 00:07

Tgt Ion:188 Resp: 749040
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 10.3 7.5 11.3

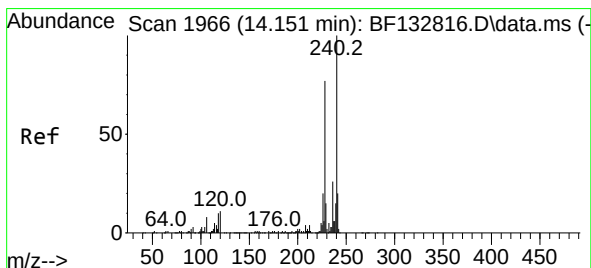
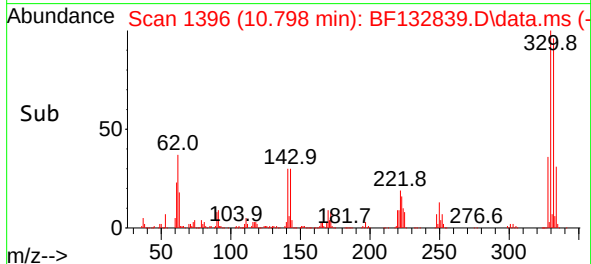
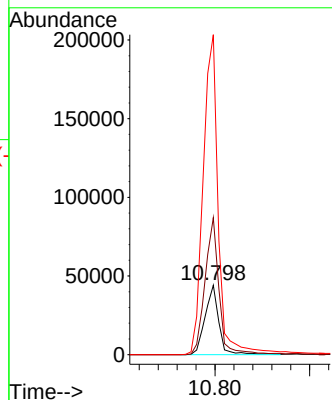
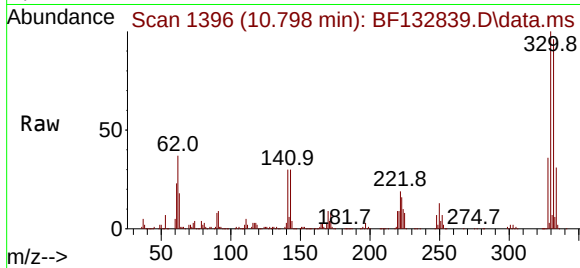




#67
4-Bromophenyl-phenylether
Concen: 5.158 ng
RT: 10.798 min Scan# 11
Delta R.T. -0.235 min
Lab File: BF132839.D
Acq: 18 Mar 2023 00:07

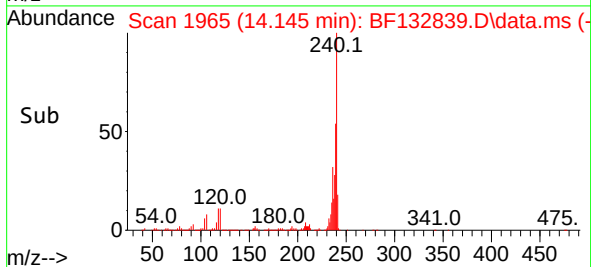
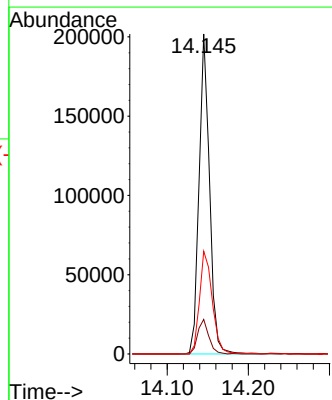
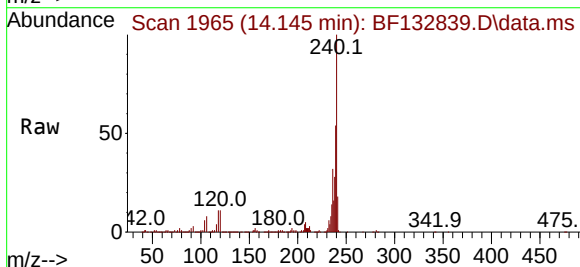
Instrument :
BNA_F
ClientSampleId :
SV-TP4-0316

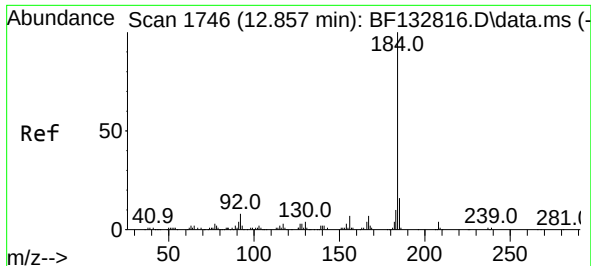
Tgt Ion:248 Resp: 44669
Ion Ratio Lower Upper
248 100
250 197.2 79.1 118.7#
141 461.1 57.1 85.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF132839.D
Acq: 18 Mar 2023 00:07

Tgt Ion:240 Resp: 181578
Ion Ratio Lower Upper
240 100
120 10.8 9.1 13.7
236 32.1 21.2 31.8#

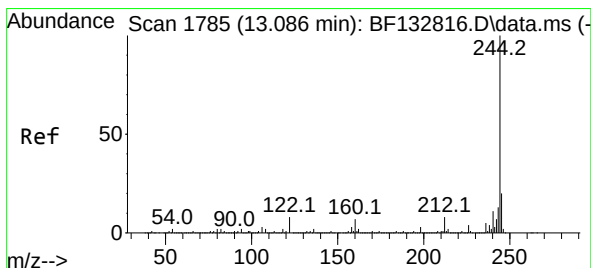
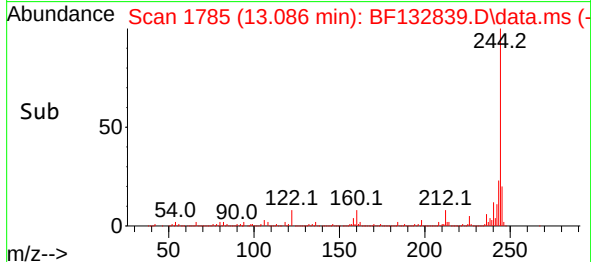
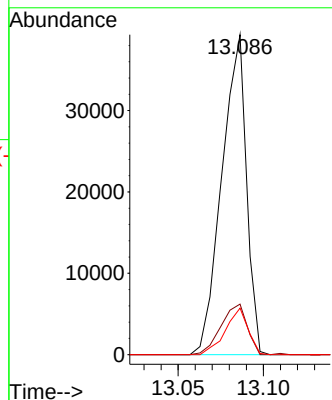
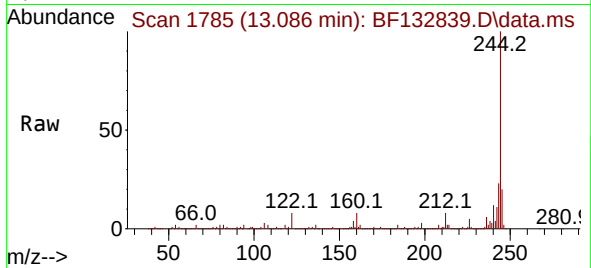




#77
Benzidine
Concen: 34.937 ng
RT: 13.086 min Scan# 1746
Delta R.T. 0.230 min
Lab File: BF132839.D
Acq: 18 Mar 2023 00:07

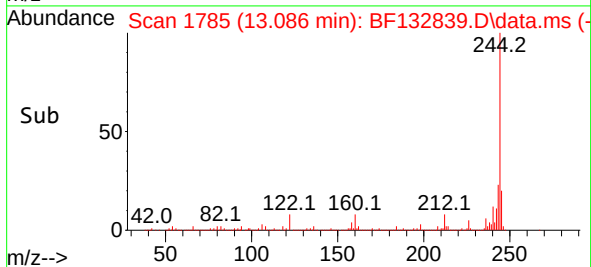
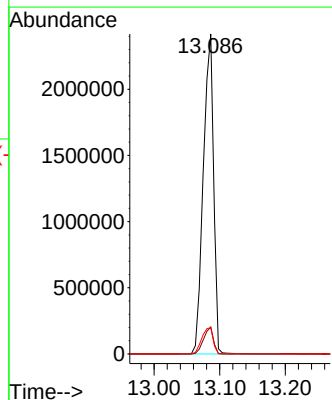
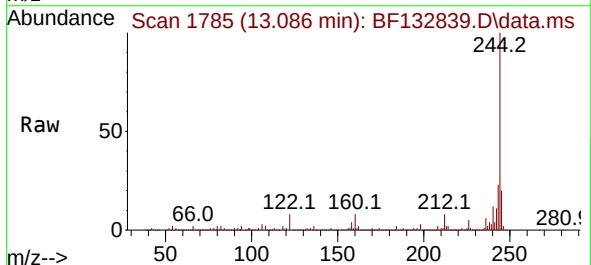
Instrument :
BNA_F
ClientSampleId :
SV-TP4-0316

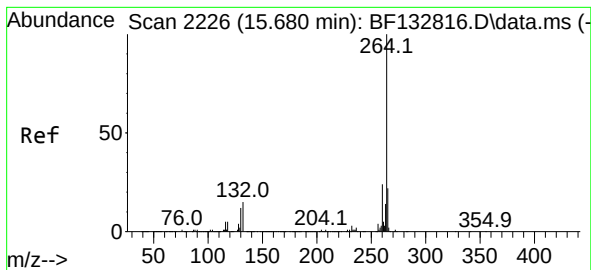
Tgt Ion:184 Resp: 39507
Ion Ratio Lower Upper
184 100
185 15.8 12.6 19.0
183 14.5 8.2 12.4#



#79
Terphenyl-d14
Concen: 262.864 ng
RT: 13.086 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF132839.D
Acq: 18 Mar 2023 00:07

Tgt Ion:244 Resp: 2643329
Ion Ratio Lower Upper
244 100
212 8.5 6.3 9.5
122 8.2 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.680 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF132839.D
 Acq: 18 Mar 2023 00:07

Instrument :
 BNA_F
 ClientSampleId :
 SV-TP4-0316

Tgt Ion:264 Resp: 4540
 Ion Ratio Lower Upper
 264 100
 260 51.5 18.9 28.3#
 265 29.5 17.4 26.0#

