

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
 Data File : BF132838.D
 Acq On : 17 Mar 2023 23:34
 Operator : CG\JU
 Sample : 01954-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SV-TP3-0316

Quant Time: Mar 18 03:04:38 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)

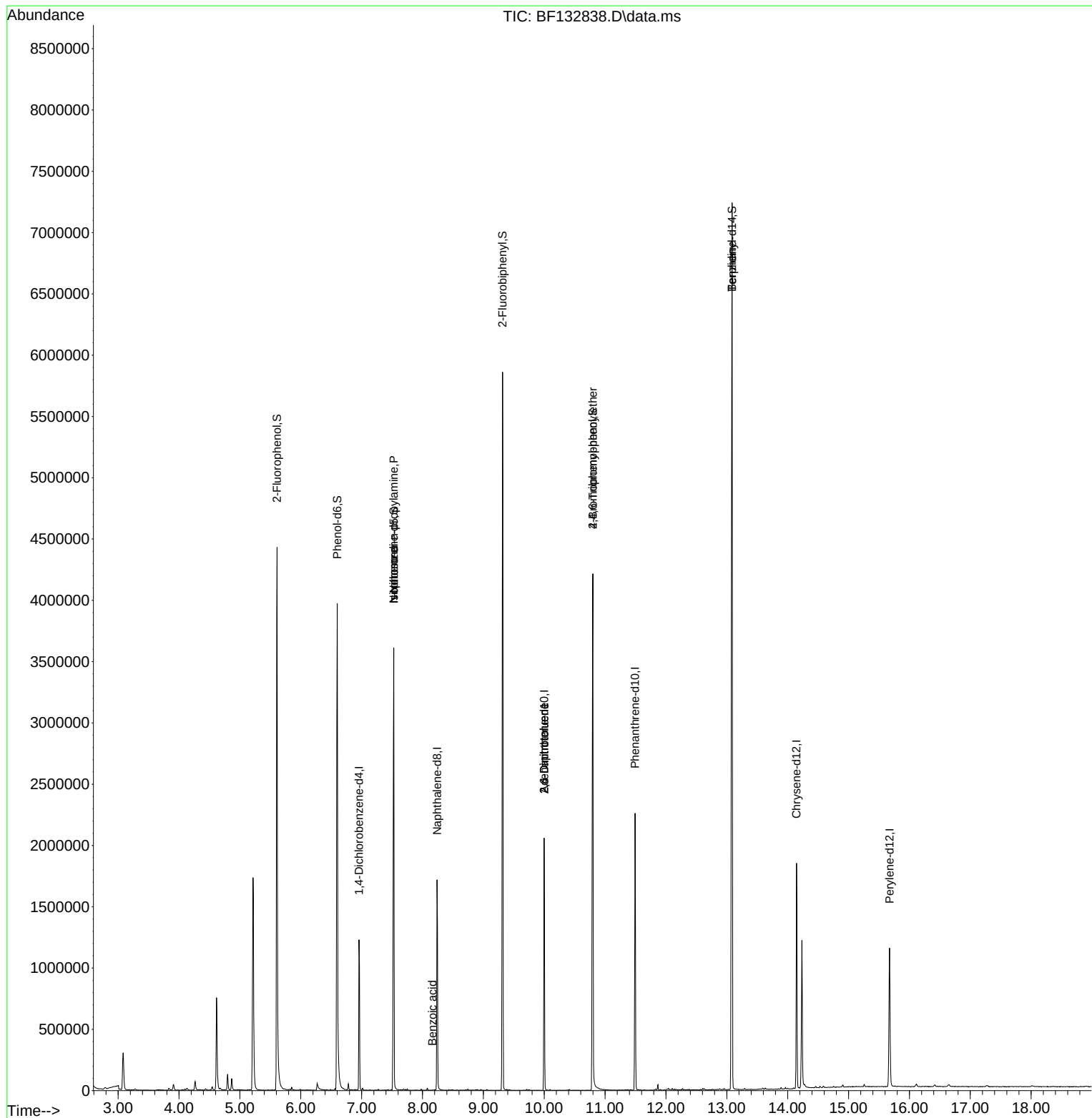
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	184368	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	750341	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	399206	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	838886	20.000	ng	0.00
76) Chrysene-d12	14.145	240	628280	20.000	ng	0.00
86) Perylene-d12	15.674	264	552763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1462940	133.893	ng	0.02
7) Phenol-d6	6.598	99	1682373	118.628	ng	0.00
23) Nitrobenzene-d5	7.528	82	1258450	85.829	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	589801	138.983	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1969485	81.042	ng	0.00
79) Terphenyl-d14	13.086	244	2891255	83.095	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.528	70	167088	20.649	ng	# 75
25) Isophorone	7.528	82	1258437	43.660	ng	# 66
32) Benzoic acid	8.163	122	122	10.484	ng	# 46
51) 2,6-Dinitrotoluene	9.998	165	52799	8.343	ng	# 27
57) 2,4-Dinitrotoluene	9.998	165	52799	6.531	ng	# 22
67) 4-Bromophenyl-phenylether	10.798	248	38474	3.967	ng	# 1
77) Benzidine	13.086	184	41319	10.560	ng	# 94

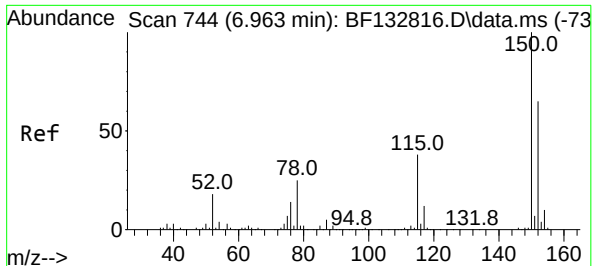
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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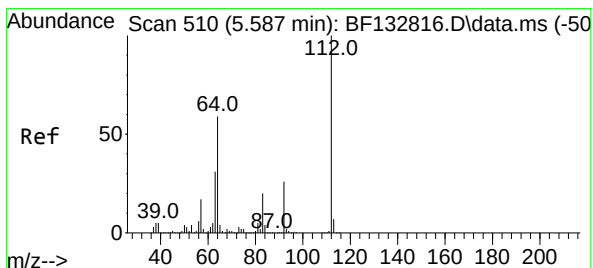
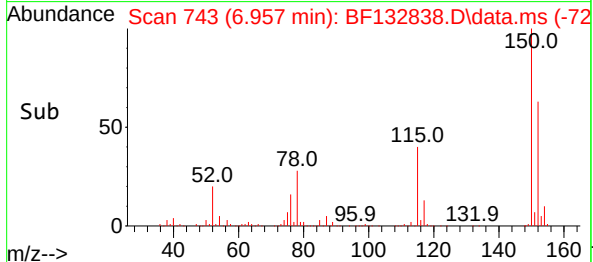
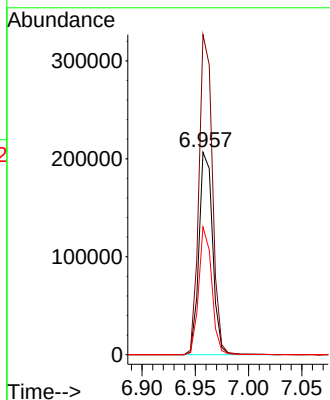
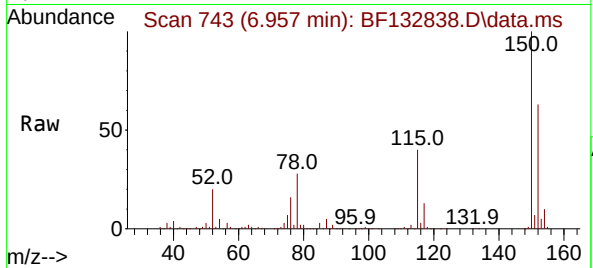




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF132838.D
Acq: 17 Mar 2023 23:34

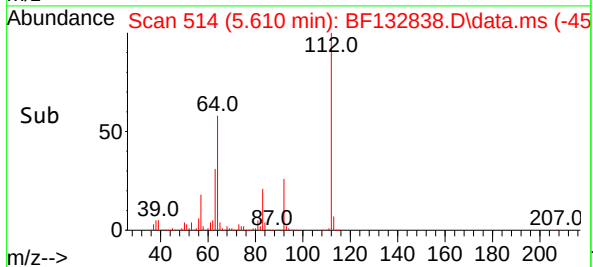
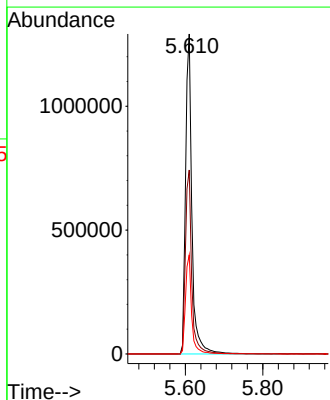
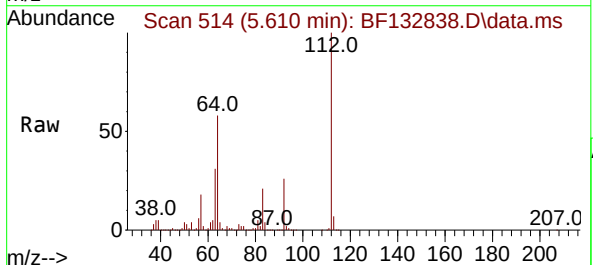
Instrument :
BNA_F
ClientSampleId :
SV-TP3-0316

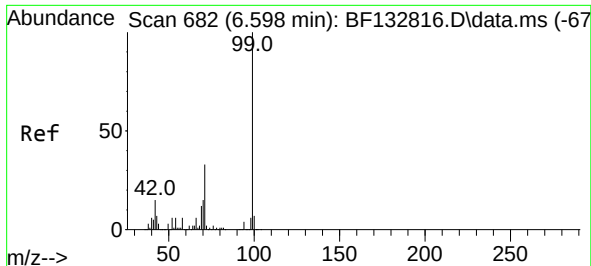
Tgt Ion:152 Resp: 184368
Ion Ratio Lower Upper
152 100
150 158.1 122.7 184.1
115 63.1 46.2 69.4



#5
2-Fluorophenol
Concen: 133.893 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.024 min
Lab File: BF132838.D
Acq: 17 Mar 2023 23:34

Tgt Ion:112 Resp: 1462940
Ion Ratio Lower Upper
112 100
64 57.5 47.1 70.7
63 31.0 24.4 36.6



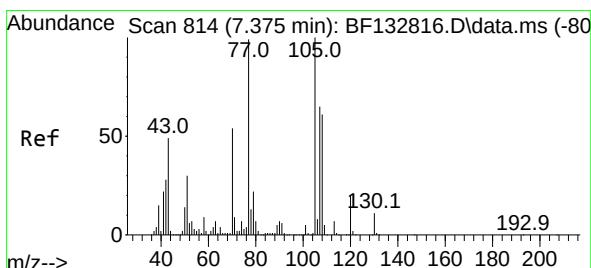
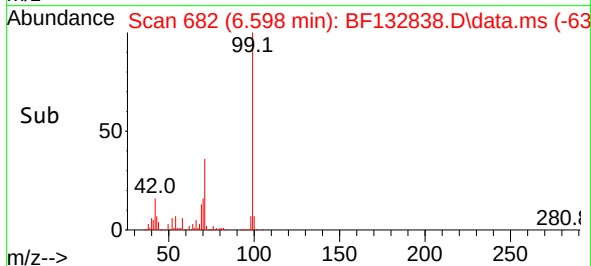
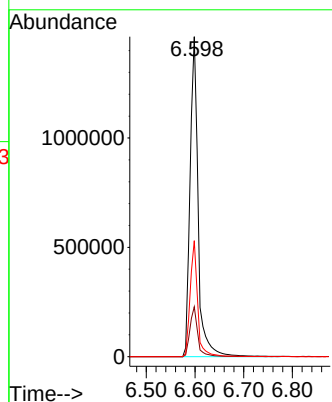
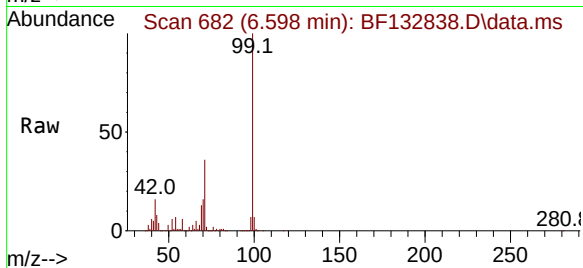


#7
Phenol-d6
Concen: 118.628 ng
RT: 6.598 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132838.D
Acq: 17 Mar 2023 23:34

Instrument :
BNA_F
ClientSampleId :
SV-TP3-0316

Tgt Ion: 99 Resp: 1682373

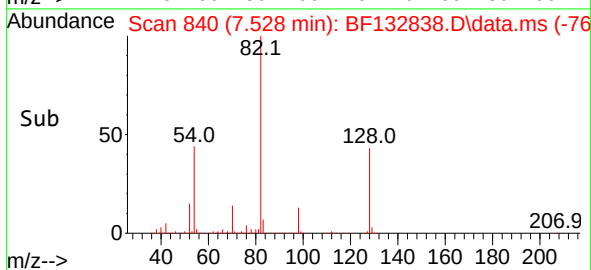
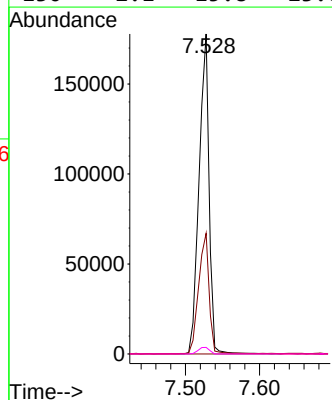
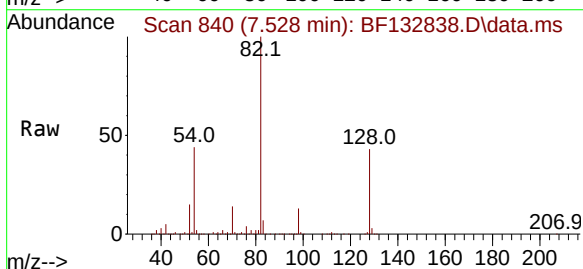
Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.9	17.9
71	36.3	26.3	39.5

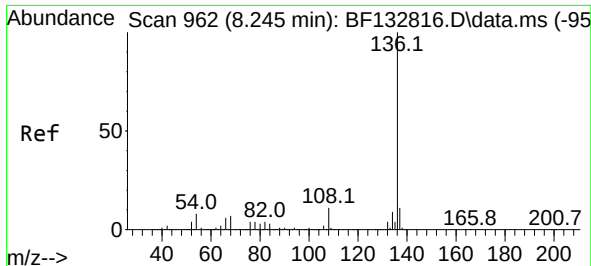


#19
n-Nitroso-di-n-propylamine
Concen: 20.649 ng
RT: 7.528 min Scan# 840
Delta R.T. 0.153 min
Lab File: BF132838.D
Acq: 17 Mar 2023 23:34

Tgt Ion: 70 Resp: 167088

Ion	Ratio	Lower	Upper
70	100		
42	37.7	40.9	61.3#
101	0.0	7.8	11.6#
130	2.1	15.8	23.6#

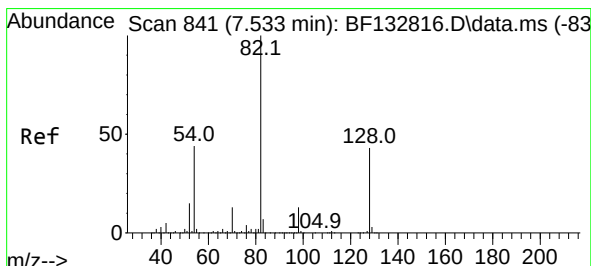
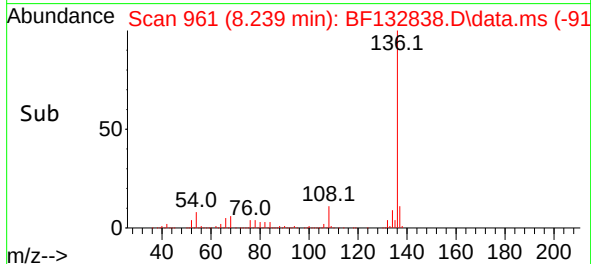
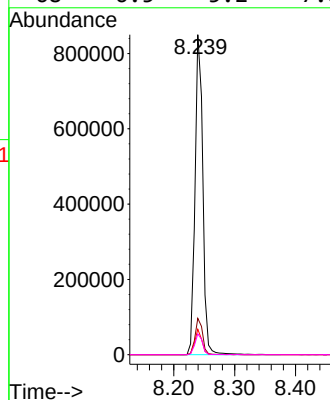
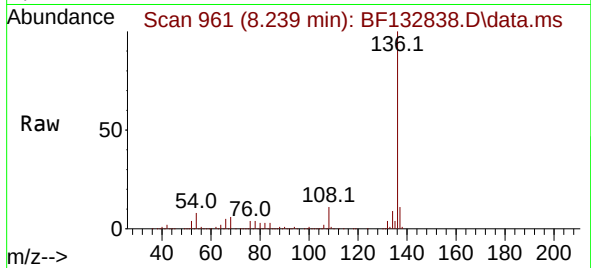




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF132838.D
Acq: 17 Mar 2023 23:34

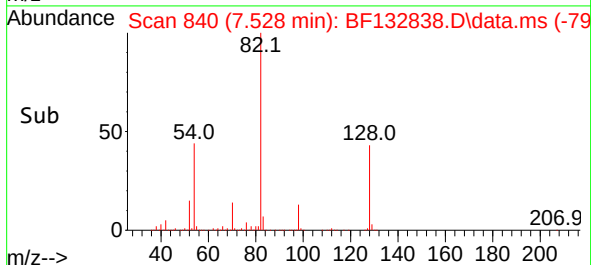
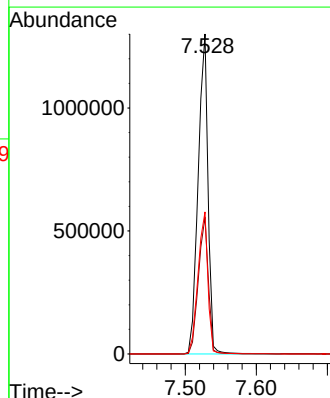
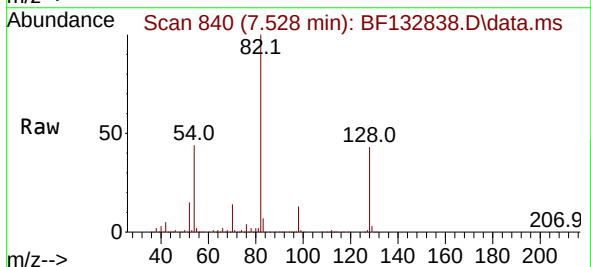
Instrument :
BNA_F
ClientSampleId :
SV-TP3-0316

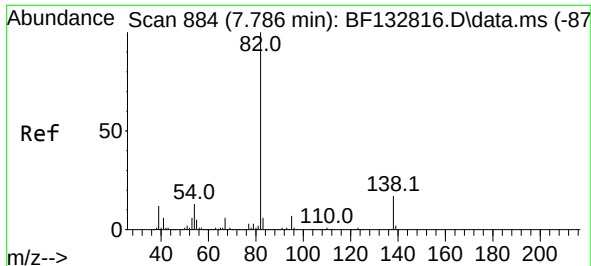
Tgt Ion:136 Resp: 750341
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 7.9 6.1 9.1
68 6.5 5.2 7.8



#23
Nitrobenzene-d5
Concen: 85.829 ng
RT: 7.528 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF132838.D
Acq: 17 Mar 2023 23:34

Tgt Ion: 82 Resp: 1258450
Ion Ratio Lower Upper
82 100
128 42.7 34.4 51.6
54 44.4 35.2 52.8

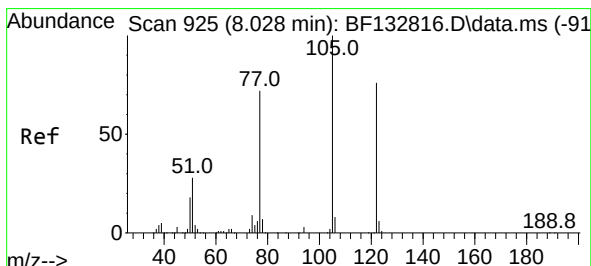
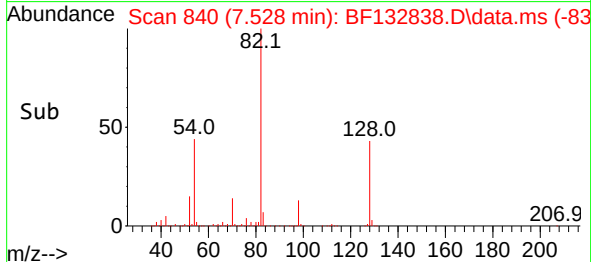
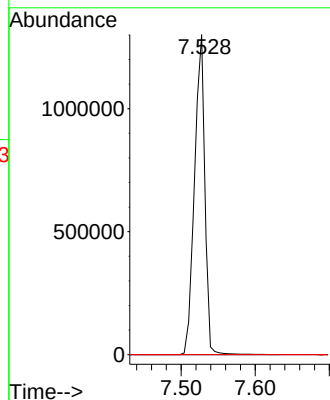
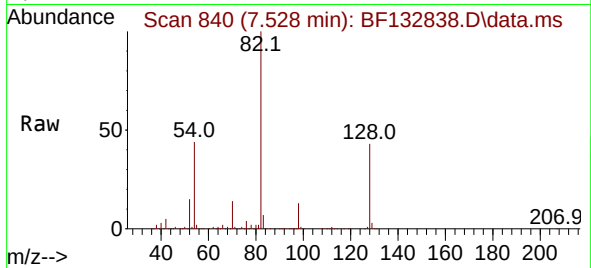




#25
Isophorone
Concen: 43.660 ng
RT: 7.528 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132838.D
Acq: 17 Mar 2023 23:34

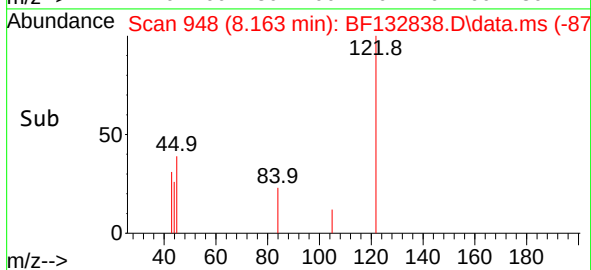
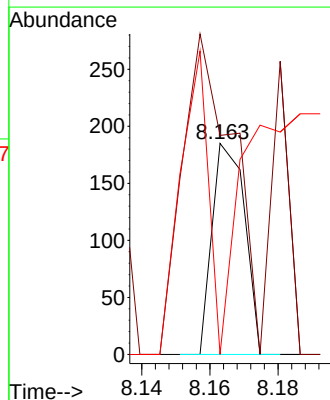
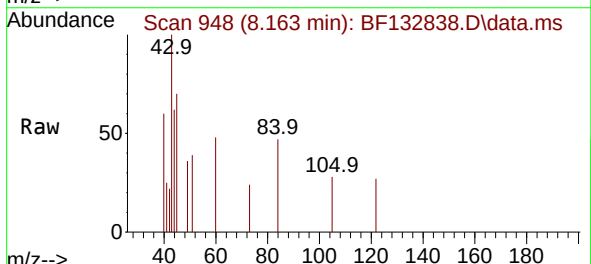
Instrument :
BNA_F
ClientSampleId :
SV-TP3-0316

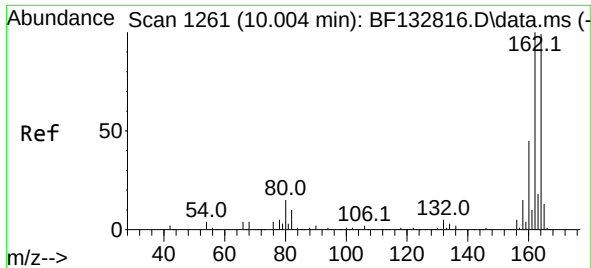
Tgt Ion: 82 Resp: 1258437
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#32
Benzoic acid
Concen: 10.484 ng
RT: 8.163 min Scan# 948
Delta R.T. 0.135 min
Lab File: BF132838.D
Acq: 17 Mar 2023 23:34

Tgt Ion:122 Resp: 122
Ion Ratio Lower Upper
122 100
105 103.8 110.8 150.8#
77 0.0 74.2 114.2#

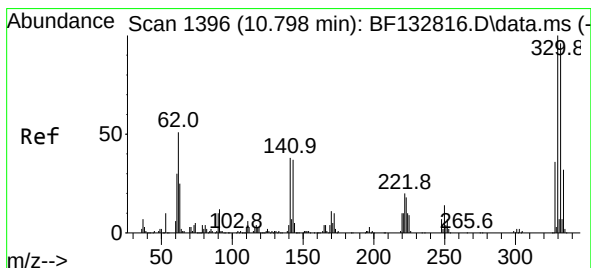
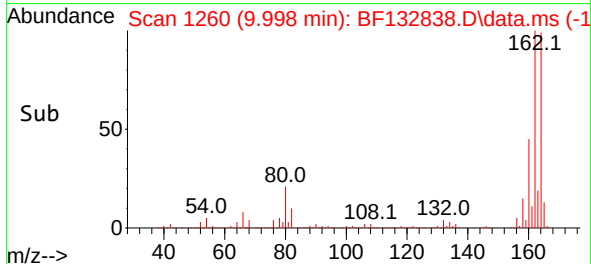
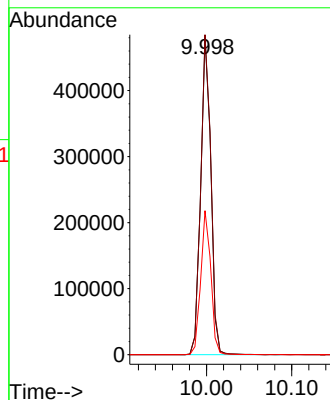
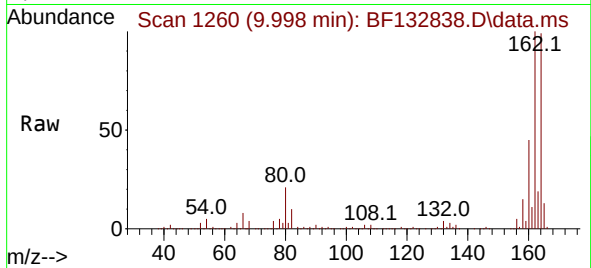




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF132838.D
Acq: 17 Mar 2023 23:34

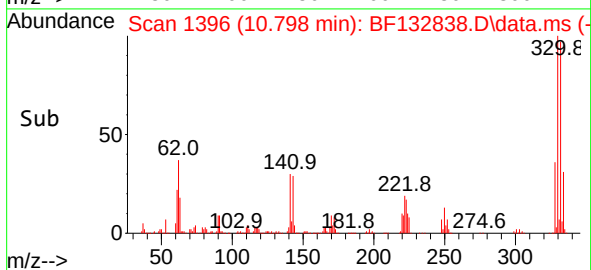
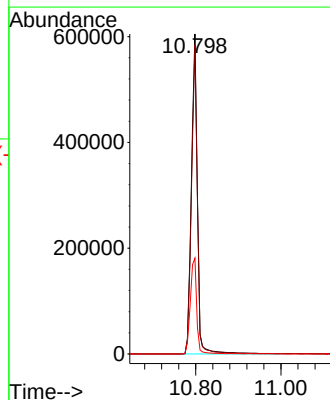
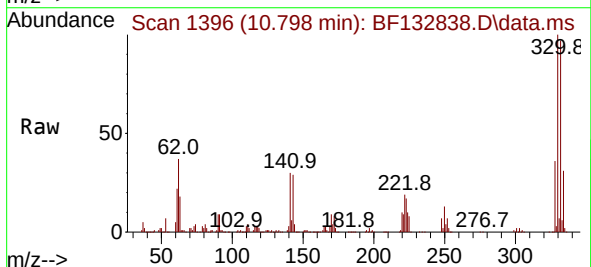
Instrument :
BNA_F
ClientSampleId :
SV-TP3-0316

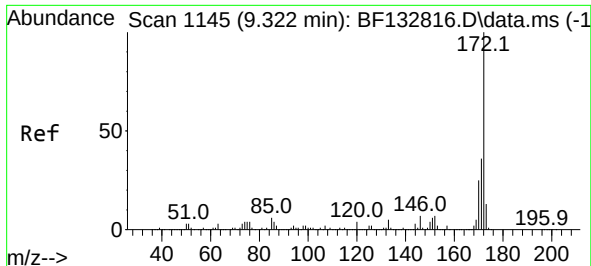
Tgt Ion:164 Resp: 399206
Ion Ratio Lower Upper
164 100
162 100.9 80.6 121.0
160 45.4 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 138.983 ng
RT: 10.798 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF132838.D
Acq: 17 Mar 2023 23:34

Tgt Ion:330 Resp: 589801
Ion Ratio Lower Upper
330 100
332 94.2 77.0 115.6
141 32.3 26.7 40.1





#45

2-Fluorobiphenyl

Concen: 81.042 ng

RT: 9.316 min Scan# 1145

Delta R.T. -0.006 min

Lab File: BF132838.D

Acq: 17 Mar 2023 23:34

Instrument :

BNA_F

ClientSampleId :

SV-TP3-0316

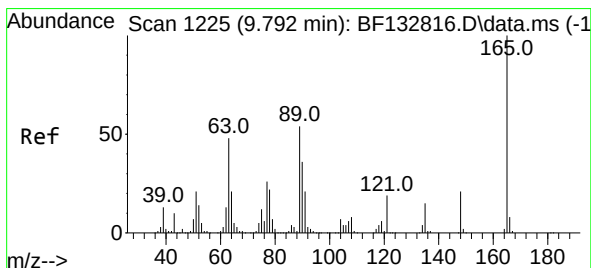
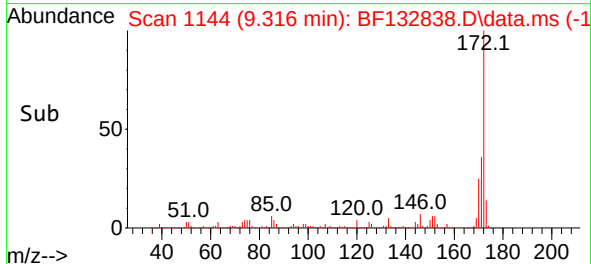
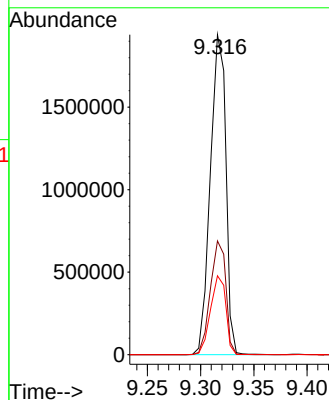
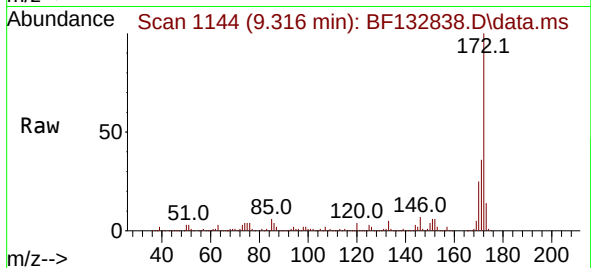
Tgt Ion:172 Resp: 1969485

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 24.7 19.8 29.8



#51

2,6-Dinitrotoluene

Concen: 8.343 ng

RT: 9.998 min Scan# 1260

Delta R.T. 0.206 min

Lab File: BF132838.D

Acq: 17 Mar 2023 23:34

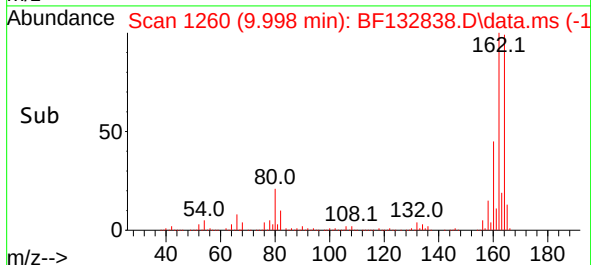
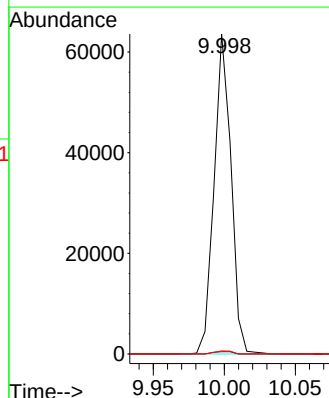
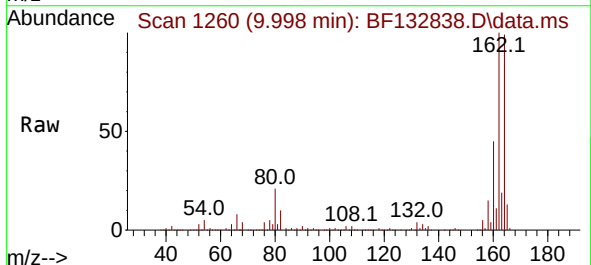
Tgt Ion:165 Resp: 52799

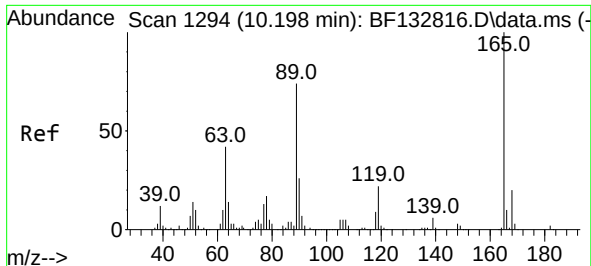
Ion Ratio Lower Upper

165 100

63 0.7 39.1 58.7#

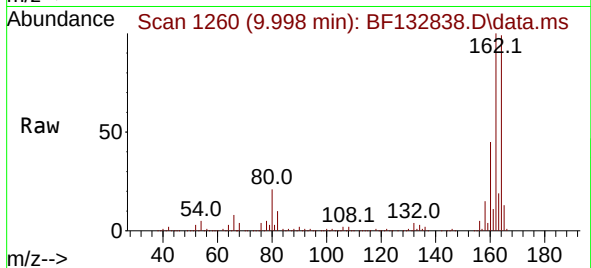
89 1.0 43.5 65.3#



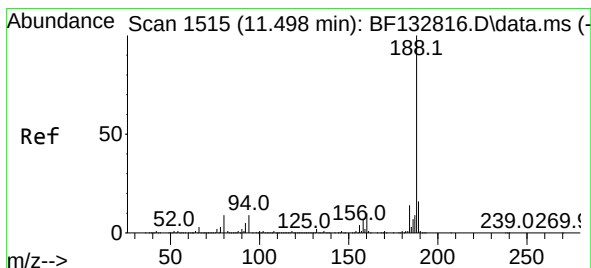
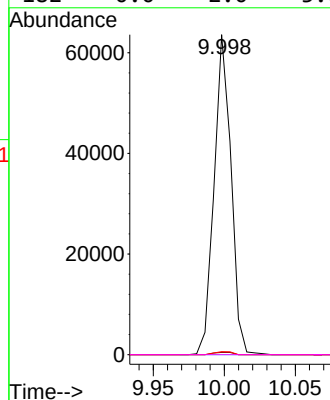
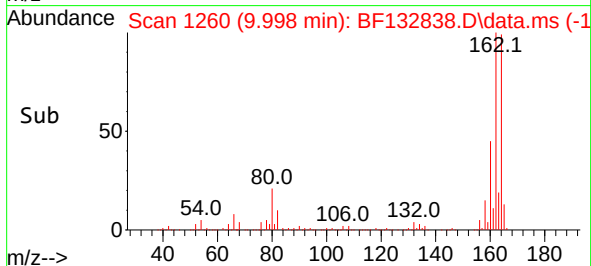


#57
2,4-Dinitrotoluene
Concen: 6.531 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132838.D
Acq: 17 Mar 2023 23:34

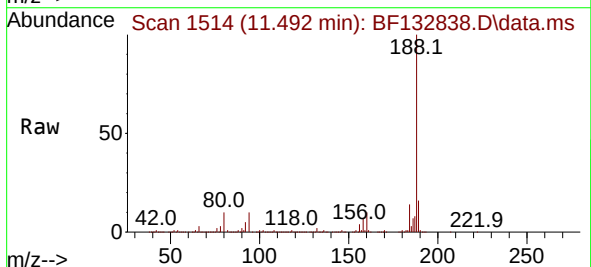
Instrument :
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SV-TP3-0316



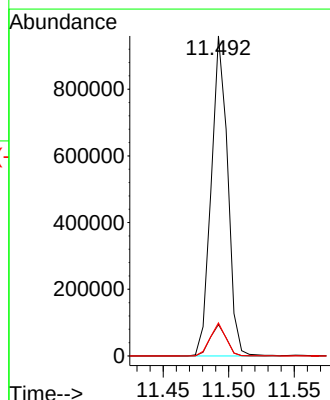
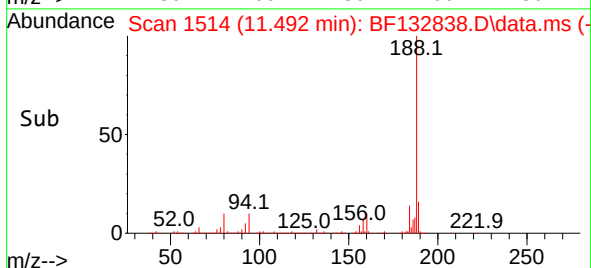
Tgt Ion:165 Resp: 52799
Ion Ratio Lower Upper
165 100
63 0.7 34.4 51.6#
89 1.0 59.5 89.3#
182 0.0 2.0 3.0#

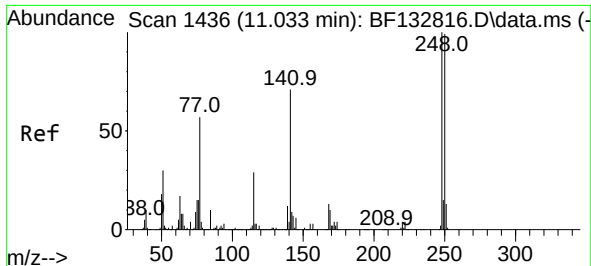


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF132838.D
Acq: 17 Mar 2023 23:34



Tgt Ion:188 Resp: 838886
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.4 7.5 11.3

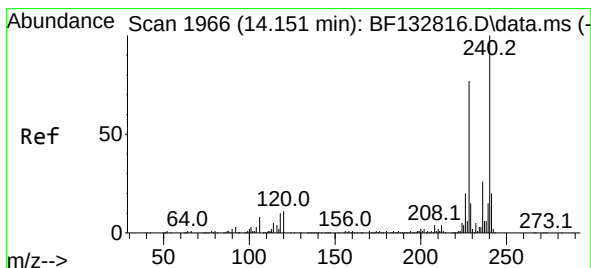
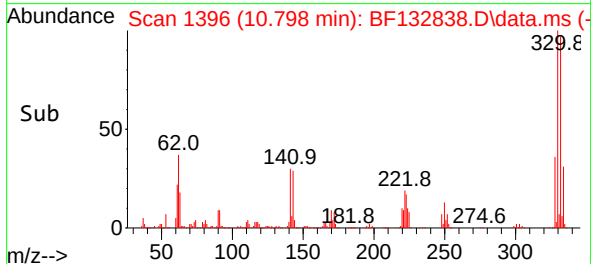
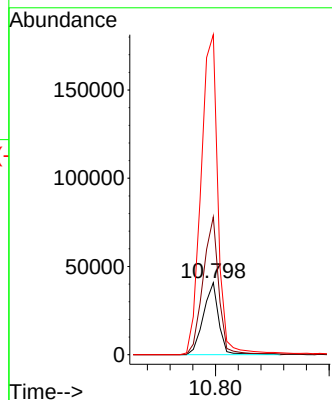
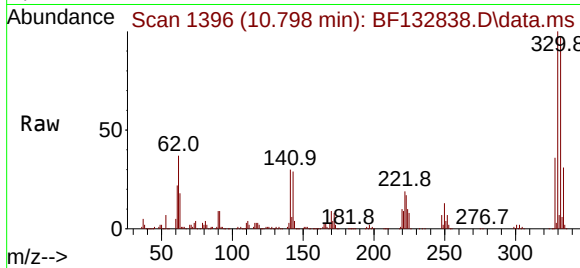




#67
4-Bromophenyl-phenylether
Concen: 3.967 ng
RT: 10.798 min Scan# 11
Delta R.T. -0.235 min
Lab File: BF132838.D
Acq: 17 Mar 2023 23:34

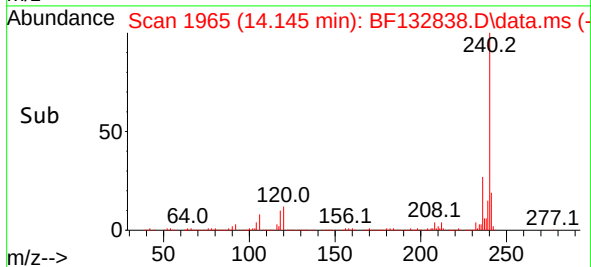
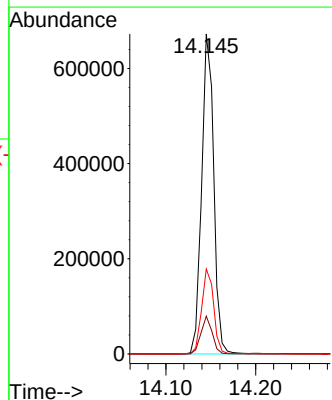
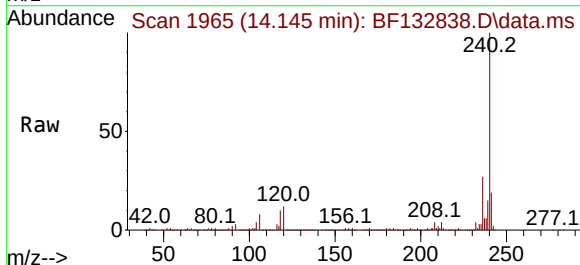
Instrument :
BNA_F
ClientSampleId :
SV-TP3-0316

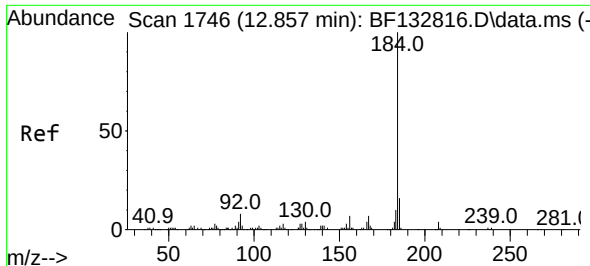
Tgt Ion:248 Resp: 38474
Ion Ratio Lower Upper
248 100
250 191.2 79.1 118.7#
141 444.3 57.1 85.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF132838.D
Acq: 17 Mar 2023 23:34

Tgt Ion:240 Resp: 628280
Ion Ratio Lower Upper
240 100
120 11.8 9.1 13.7
236 26.5 21.2 31.8

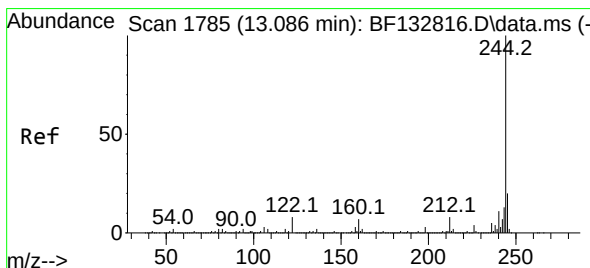
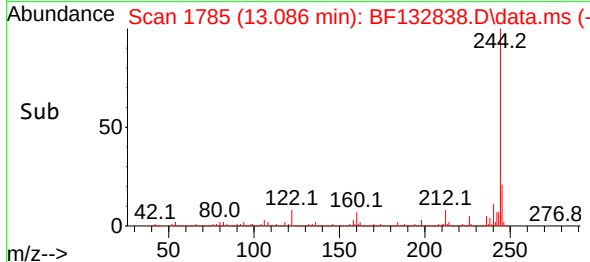
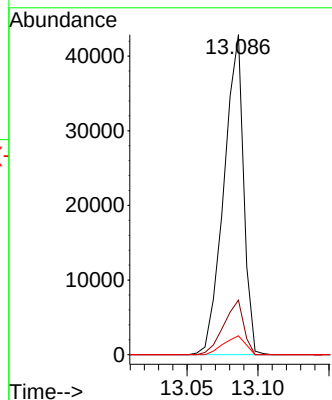
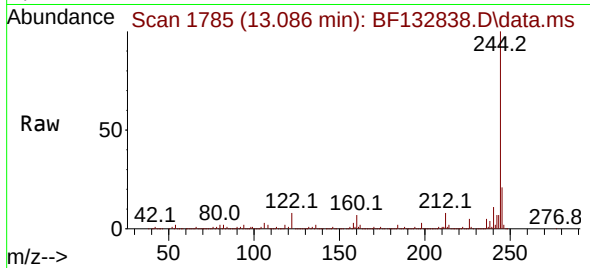




#77
Benzidine
Concen: 10.560 ng
RT: 13.086 min Scan# 1746
Delta R.T. 0.230 min
Lab File: BF132838.D
Acq: 17 Mar 2023 23:34

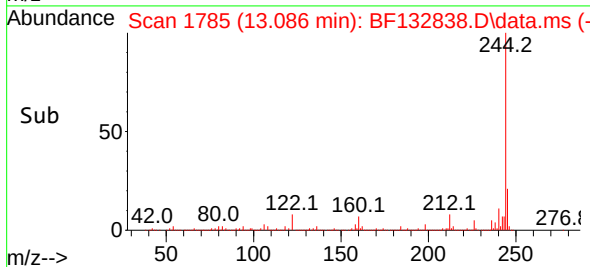
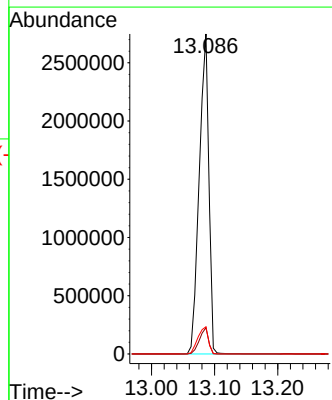
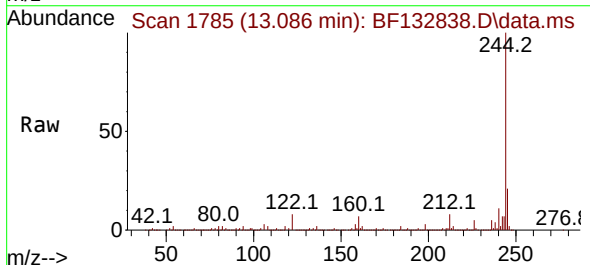
Instrument :
BNA_F
ClientSampleId :
SV-TP3-0316

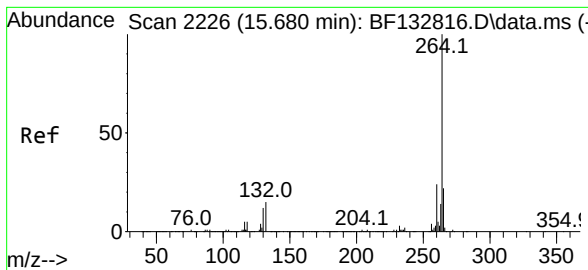
Tgt Ion:184 Resp: 41319
Ion Ratio Lower Upper
184 100
185 17.0 12.6 19.0
183 5.9 8.2 12.4#



#79
Terphenyl-d14
Concen: 83.095 ng
RT: 13.086 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF132838.D
Acq: 17 Mar 2023 23:34

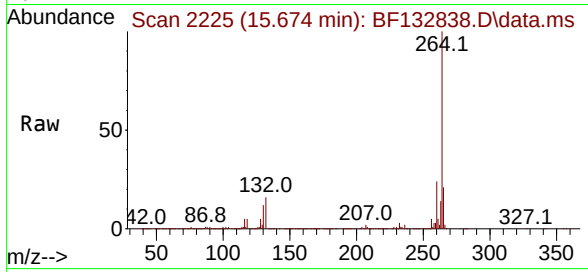
Tgt Ion:244 Resp: 2891255
Ion Ratio Lower Upper
244 100
212 8.2 6.3 9.5
122 8.5 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132838.D
 Acq: 17 Mar 2023 23:34

Instrument :
 BNA_F
 ClientSampleId :
 SV-TP3-0316



Tgt Ion:264 Resp: 552763

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	21.0	17.4	26.0

