

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
 Data File : BF132840.D
 Acq On : 18 Mar 2023 00:41
 Operator : CG\JU
 Sample : 01954-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SV-TP5-0316

Quant Time: Mar 18 03:06:32 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)

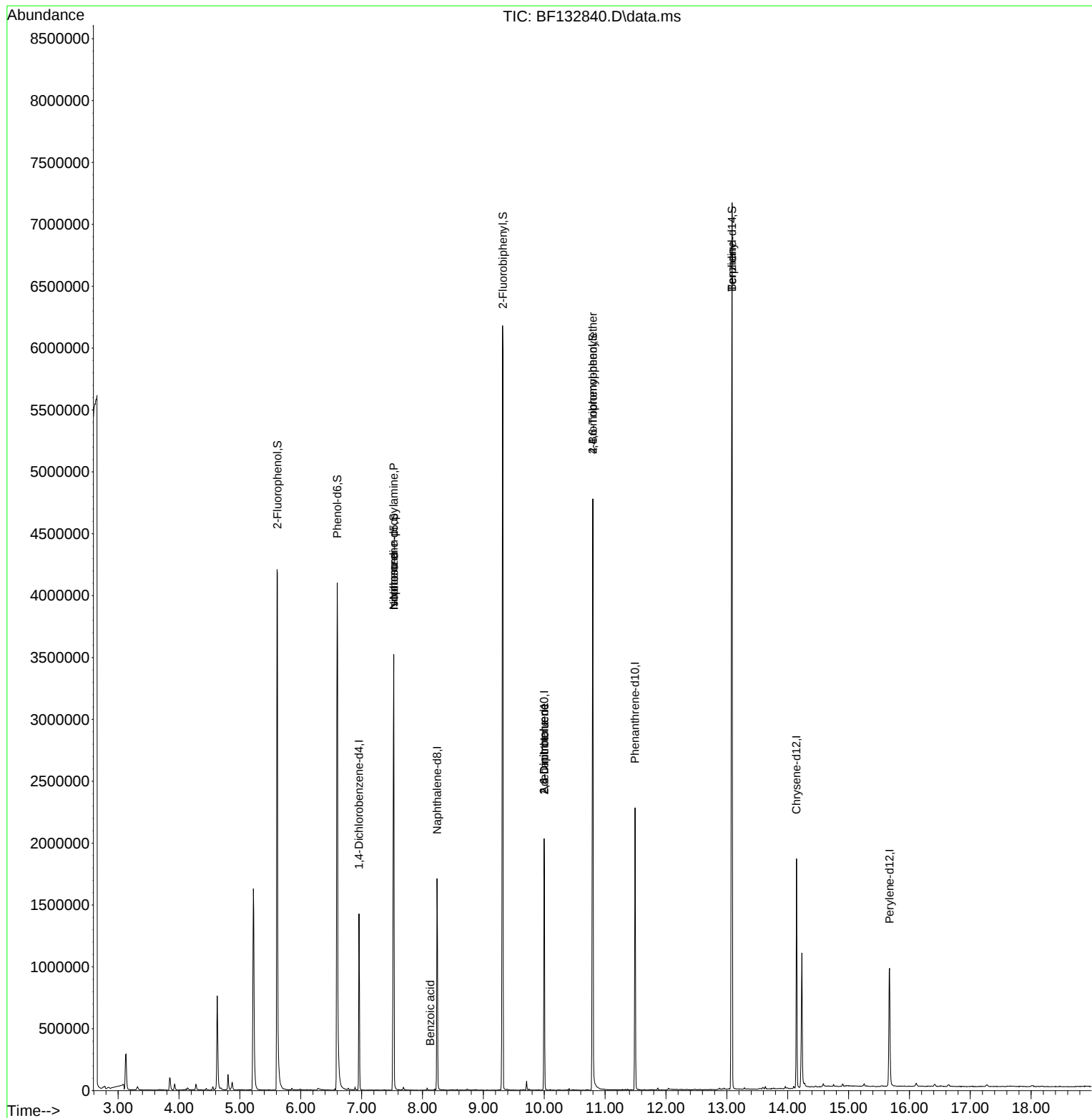
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	198347	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	740582	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	425865	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	834861	20.000	ng	0.00
76) Chrysene-d12	14.145	240	599589	20.000	ng	0.00
86) Perylene-d12	15.674	264	467819	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1488015	126.590	ng	0.03
7) Phenol-d6	6.598	99	1898646	124.443	ng	0.00
23) Nitrobenzene-d5	7.528	82	1356765	93.754	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	643927	142.238	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2265859	87.401	ng	0.00
79) Terphenyl-d14	13.086	244	2866064	86.313	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.528	70	179639	20.636	ng	# 76
25) Isophorone	7.528	82	1356750	47.691	ng	# 66
32) Benzoic acid	8.128	122	129	10.484	ng	97
51) 2,6-Dinitrotoluene	9.998	165	54744	8.109	ng	# 28
57) 2,4-Dinitrotoluene	9.998	165	54744	6.348	ng	# 23
67) 4-Bromophenyl-phenylether	10.798	248	40847	4.232	ng	# 1
77) Benzidine	13.086	184	42091	11.272	ng	# 94

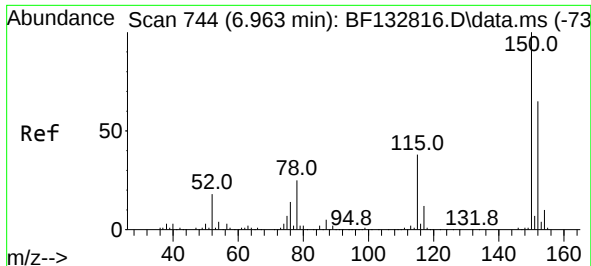
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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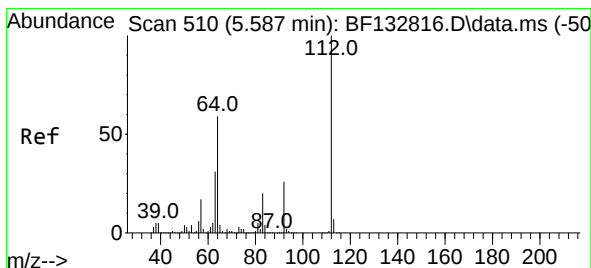
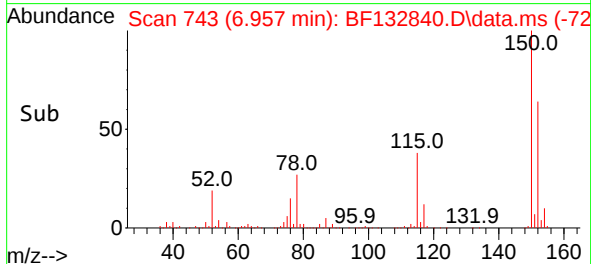
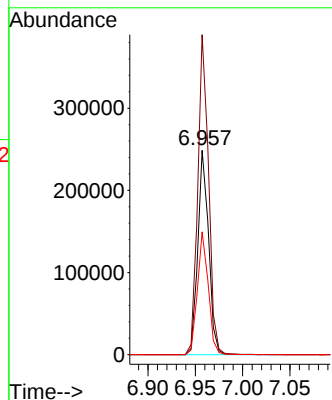
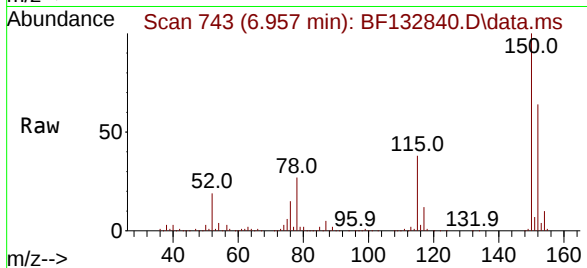




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF132840.D
Acq: 18 Mar 2023 00:41

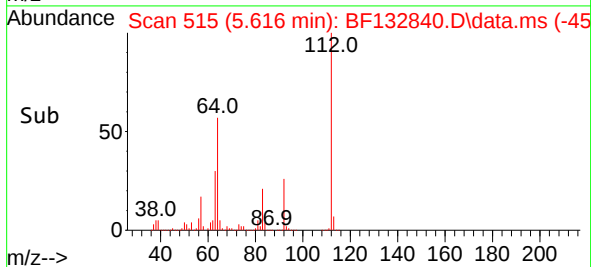
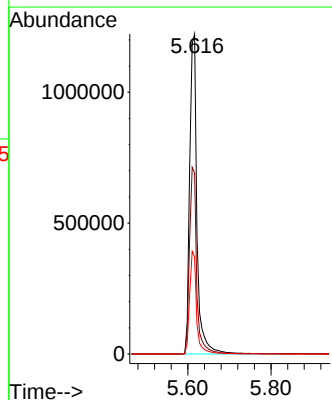
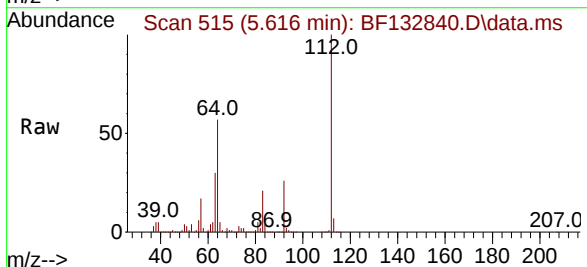
Instrument :
BNA_F
ClientSampleId :
SV-TP5-0316

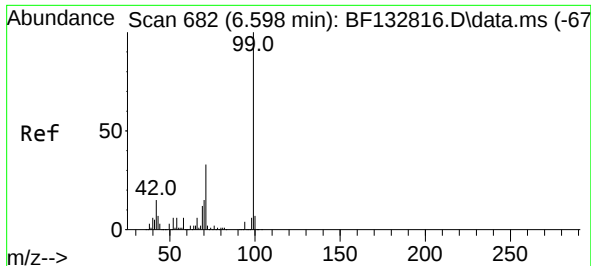
Tgt Ion:152 Resp: 198347
Ion Ratio Lower Upper
152 100
150 156.6 122.7 184.1
115 60.1 46.2 69.4



#5
2-Fluorophenol
Concen: 126.590 ng
RT: 5.616 min Scan# 515
Delta R.T. 0.030 min
Lab File: BF132840.D
Acq: 18 Mar 2023 00:41

Tgt Ion:112 Resp: 1488015
Ion Ratio Lower Upper
112 100
64 56.6 47.1 70.7
63 30.3 24.4 36.6

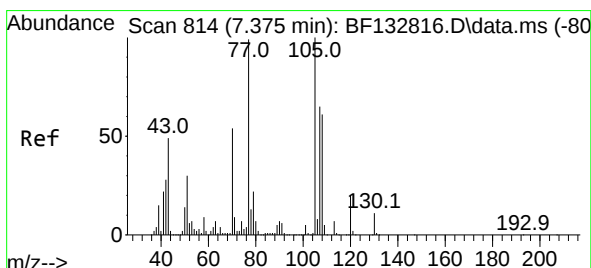
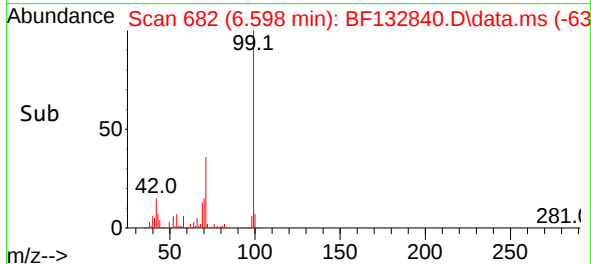
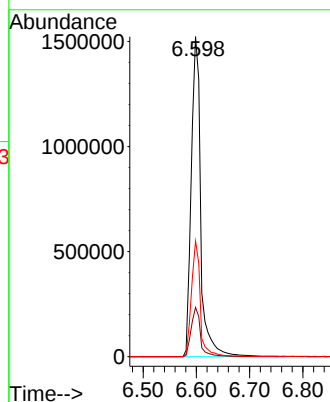
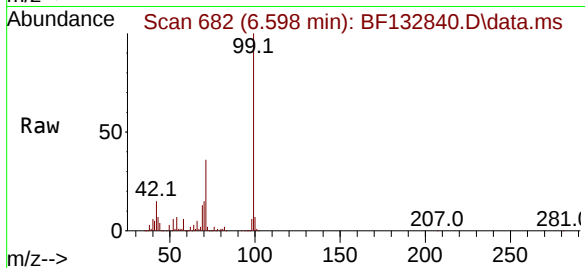




#7
Phenol-d6
Concen: 124.443 ng
RT: 6.598 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132840.D
Acq: 18 Mar 2023 00:41

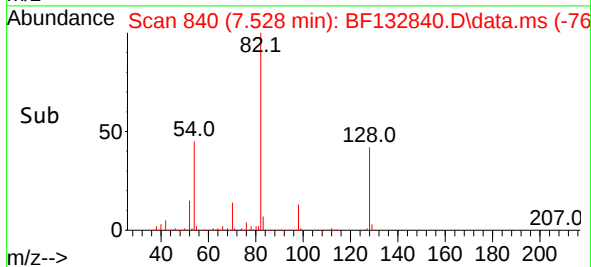
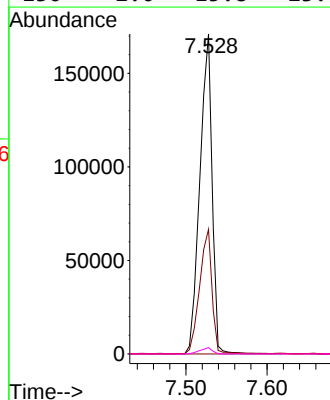
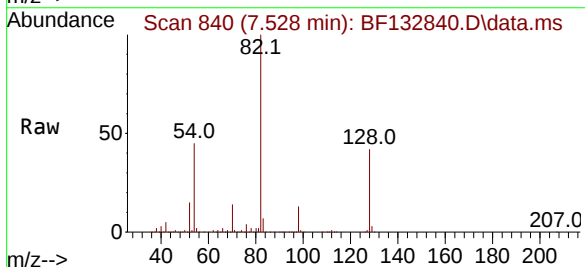
Instrument :
BNA_F
ClientSampleId :
SV-TP5-0316

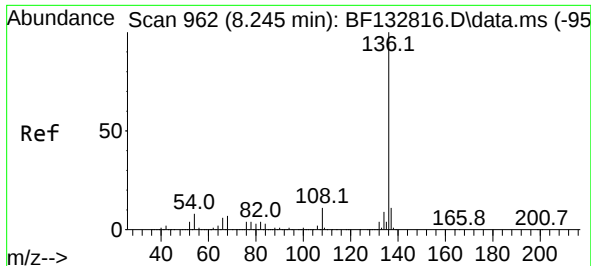
Tgt Ion: 99 Resp: 1898646
Ion Ratio Lower Upper
99 100
42 15.4 11.9 17.9
71 36.1 26.3 39.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.636 ng
RT: 7.528 min Scan# 840
Delta R.T. 0.153 min
Lab File: BF132840.D
Acq: 18 Mar 2023 00:41

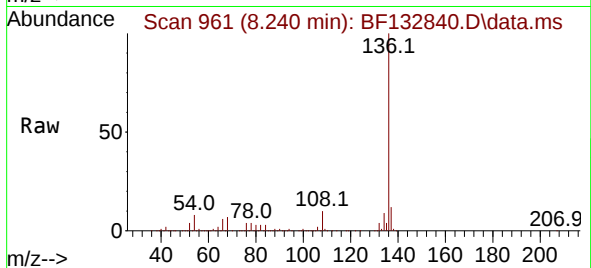
Tgt Ion: 70 Resp: 179639
Ion Ratio Lower Upper
70 100
42 39.0 40.9 61.3#
101 0.0 7.8 11.6#
130 2.0 15.8 23.6#



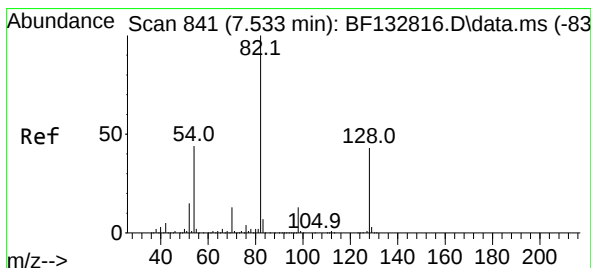
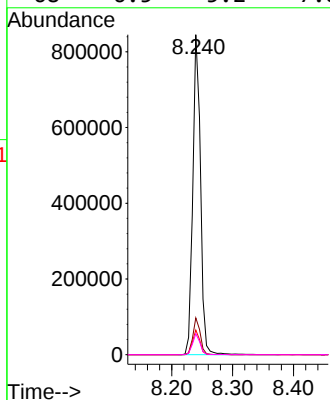
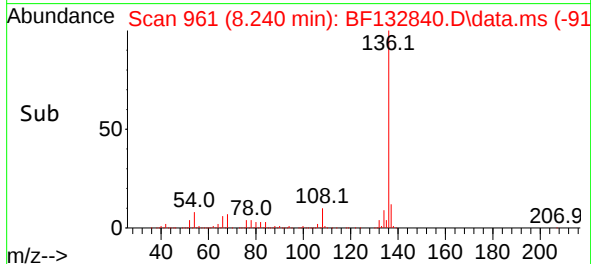


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132840.D
Acq: 18 Mar 2023 00:41

Instrument :
BNA_F
ClientSampleId :
SV-TP5-0316

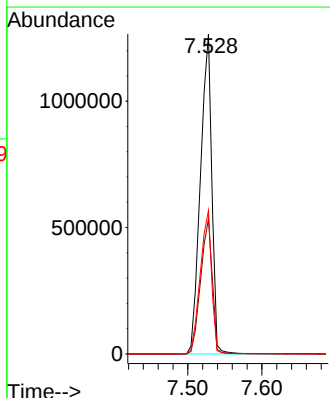
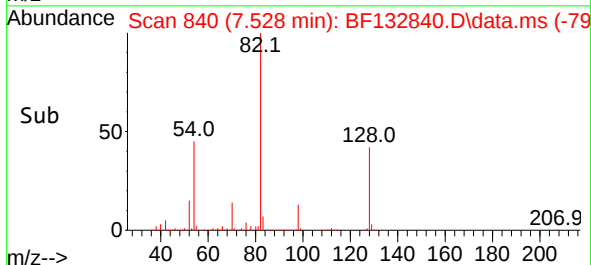
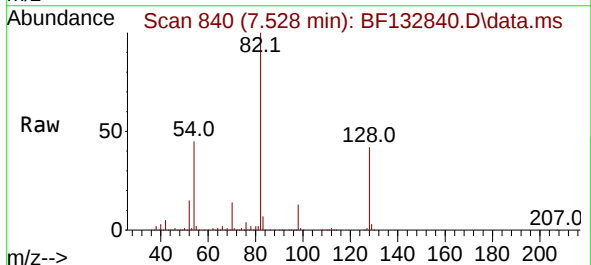


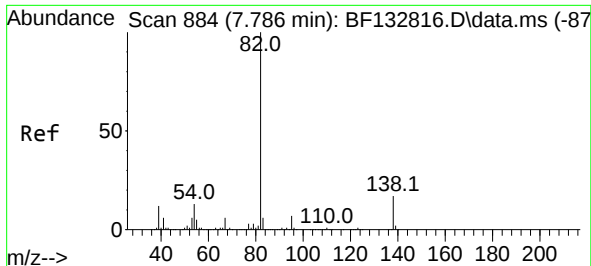
Tgt Ion:136 Resp: 740582
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 7.7 6.1 9.1
68 6.5 5.2 7.8



#23
Nitrobenzene-d5
Concen: 93.754 ng
RT: 7.528 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF132840.D
Acq: 18 Mar 2023 00:41

Tgt Ion: 82 Resp: 1356765
Ion Ratio Lower Upper
82 100
128 42.2 34.4 51.6
54 44.8 35.2 52.8

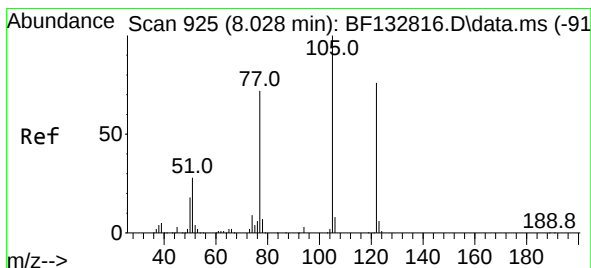
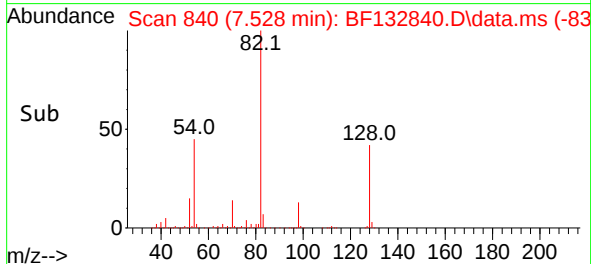
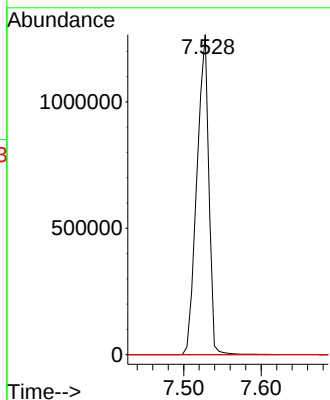
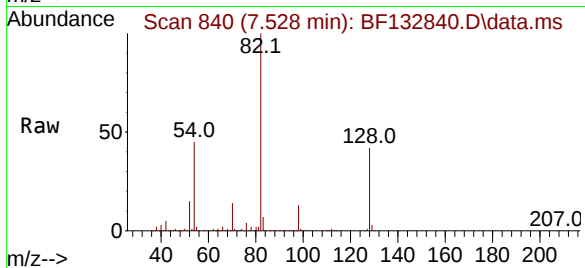




#25
Isophorone
Concen: 47.691 ng
RT: 7.528 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132840.D
Acq: 18 Mar 2023 00:41

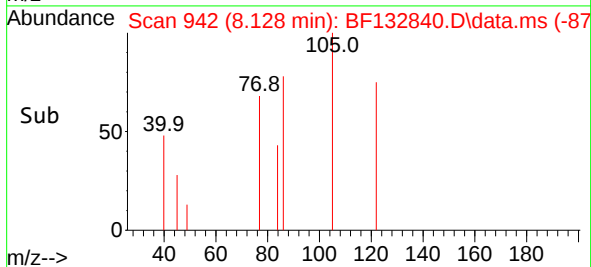
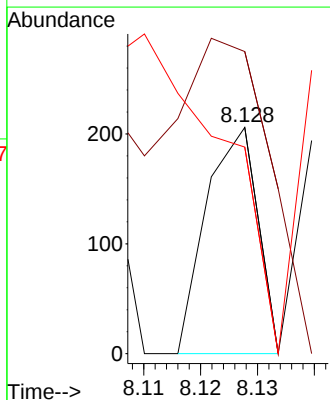
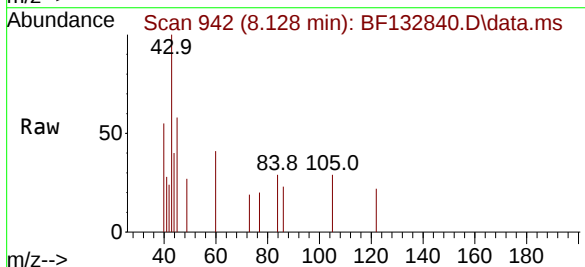
Instrument :
BNA_F
ClientSampleId :
SV-TP5-0316

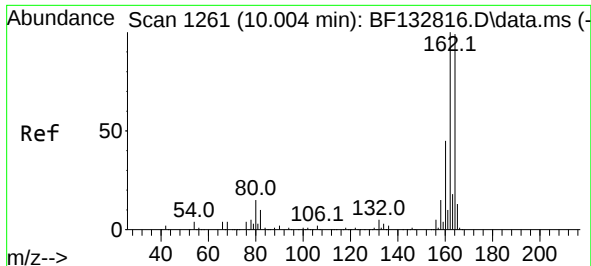
Tgt Ion: 82 Resp: 1356750
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#32
Benzoic acid
Concen: 10.484 ng
RT: 8.128 min Scan# 942
Delta R.T. 0.100 min
Lab File: BF132840.D
Acq: 18 Mar 2023 00:41

Tgt Ion:122 Resp: 129
Ion Ratio Lower Upper
122 100
105 133.5 110.8 150.8
77 91.3 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: BF132840.D

Acq: 18 Mar 2023 00:41

Instrument :

BNA_F

ClientSampleId :

SV-TP5-0316

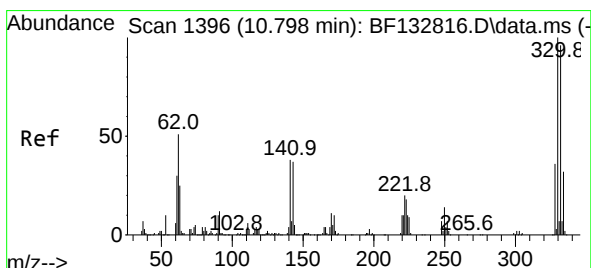
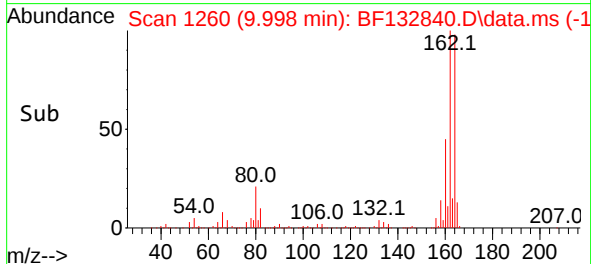
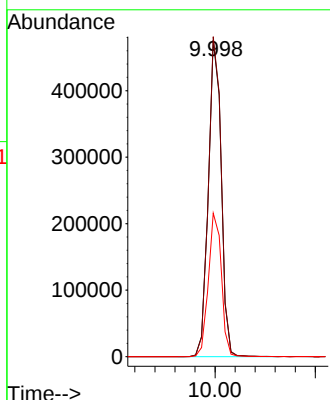
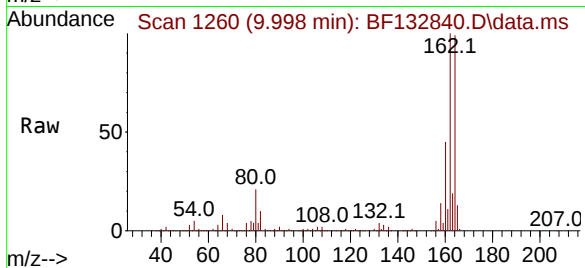
Tgt Ion:164 Resp: 425865

Ion Ratio Lower Upper

164 100

162 101.1 80.6 121.0

160 45.4 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 142.238 ng

RT: 10.798 min Scan# 1396

Delta R.T. 0.000 min

Lab File: BF132840.D

Acq: 18 Mar 2023 00:41

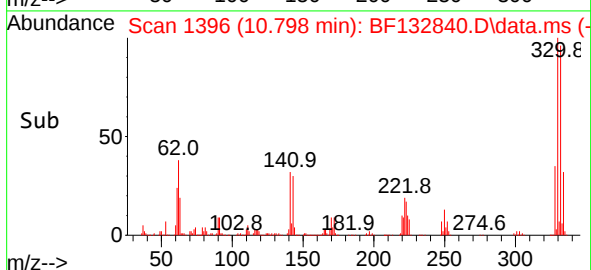
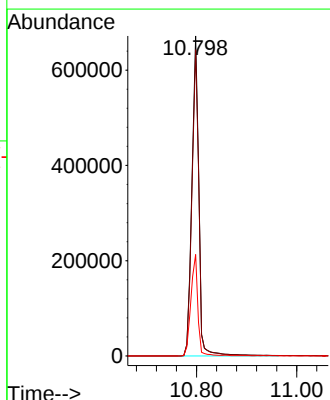
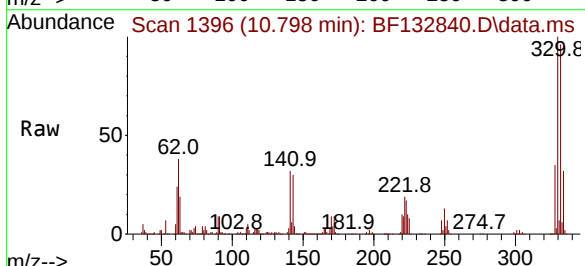
Tgt Ion:330 Resp: 643927

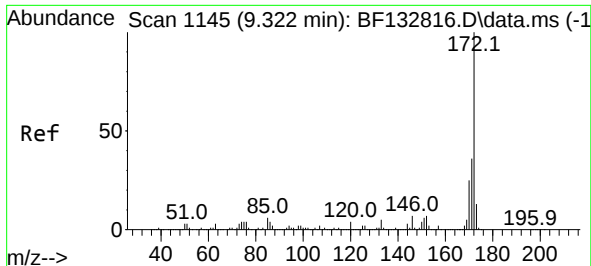
Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

141 32.1 26.7 40.1





#45

2-Fluorobiphenyl

Concen: 87.401 ng

RT: 9.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF132840.D

Acq: 18 Mar 2023 00:41

Instrument :

BNA_F

ClientSampleId :

SV-TP5-0316

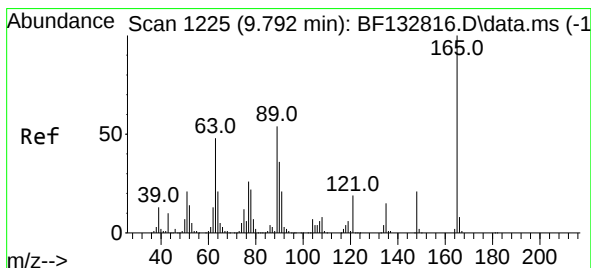
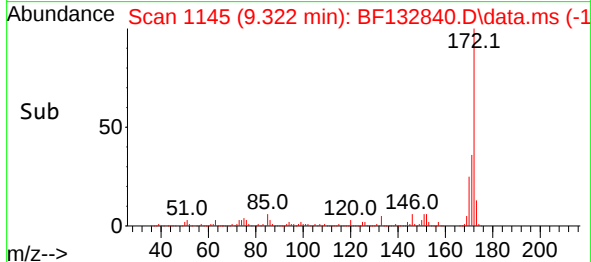
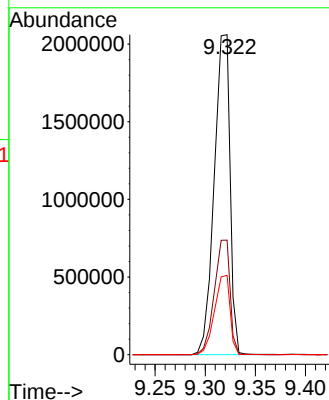
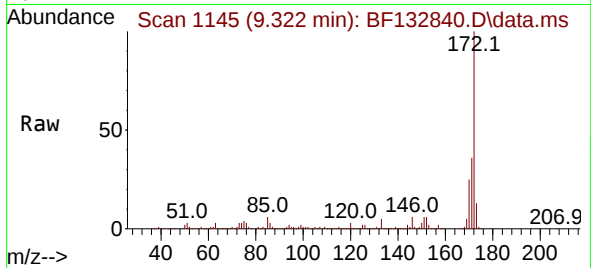
Tgt Ion:172 Resp: 2265859

Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 24.8 19.8 29.8



#51

2,6-Dinitrotoluene

Concen: 8.109 ng

RT: 9.998 min Scan# 1260

Delta R.T. 0.206 min

Lab File: BF132840.D

Acq: 18 Mar 2023 00:41

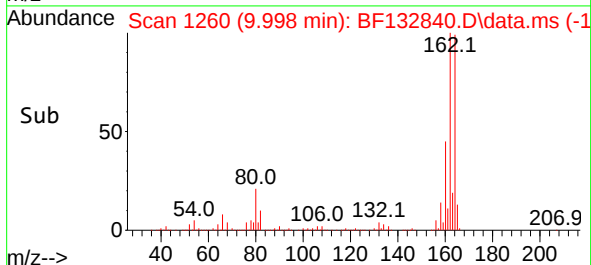
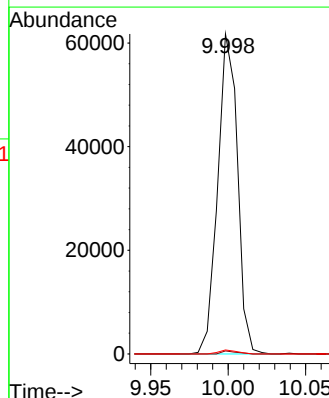
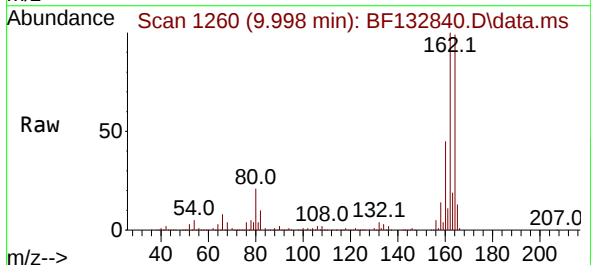
Tgt Ion:165 Resp: 54744

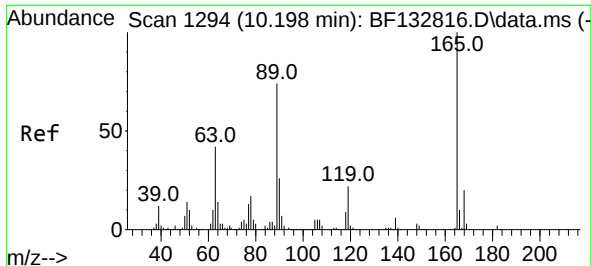
Ion Ratio Lower Upper

165 100

63 0.9 39.1 58.7#

89 1.2 43.5 65.3#

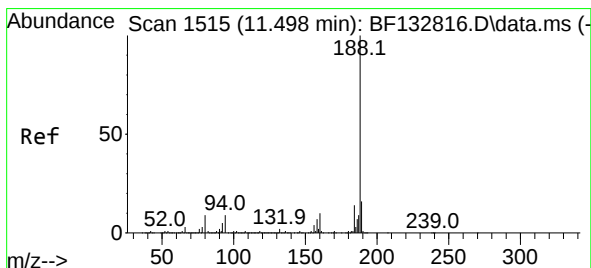
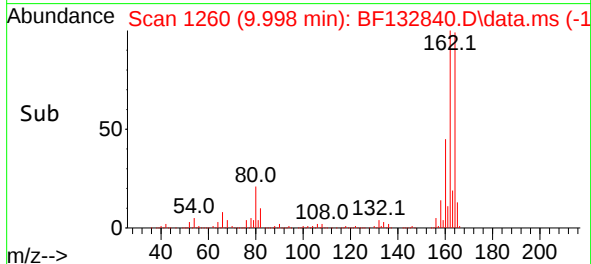
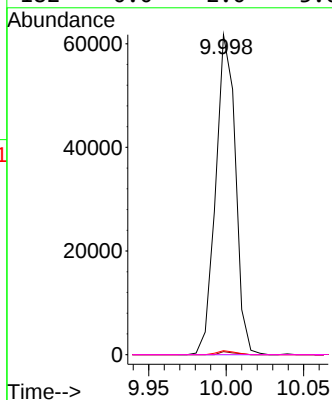
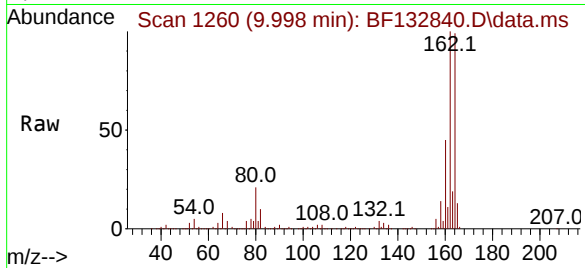




#57
2,4-Dinitrotoluene
Concen: 6.348 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132840.D
Acq: 18 Mar 2023 00:41

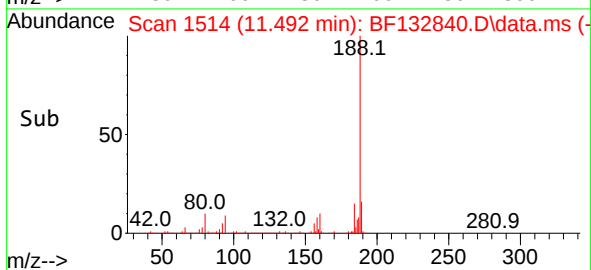
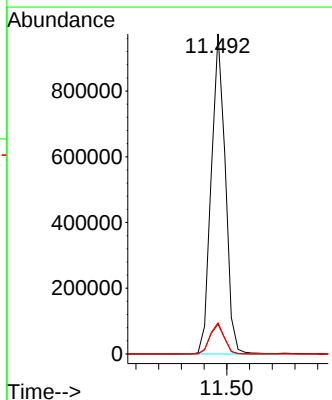
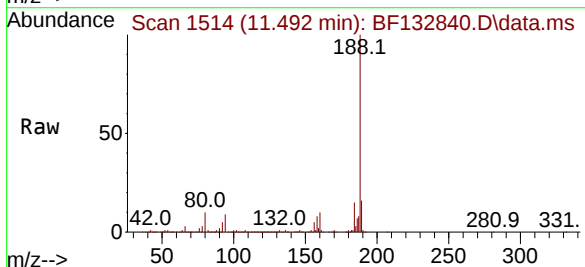
Instrument :
BNA_F
ClientSampleId :
SV-TP5-0316

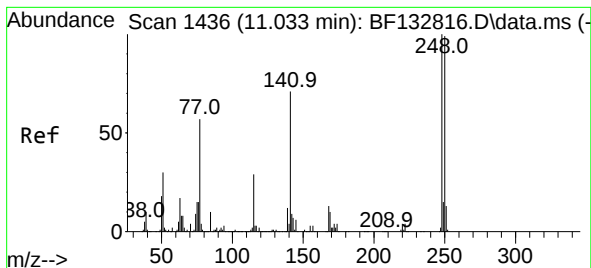
Tgt Ion:165 Resp: 54744
Ion Ratio Lower Upper
165 100
63 0.9 34.4 51.6#
89 1.2 59.5 89.3#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF132840.D
Acq: 18 Mar 2023 00:41

Tgt Ion:188 Resp: 834861
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.8 7.5 11.3

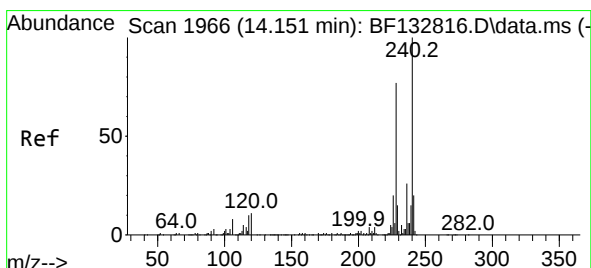
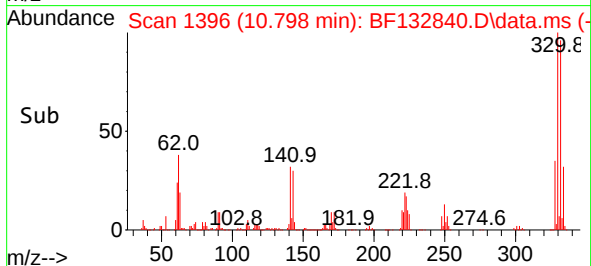
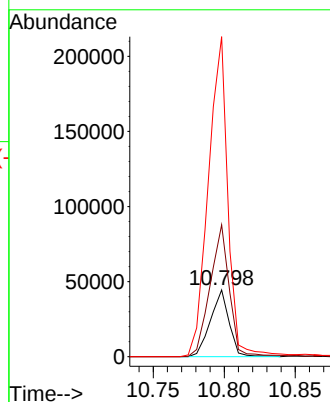
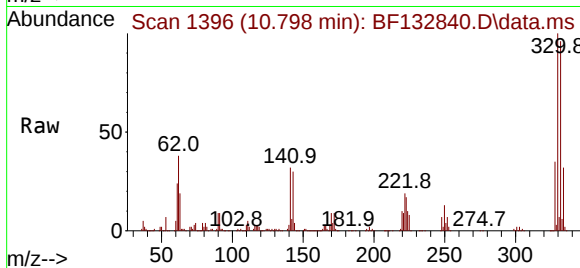




#67
4-Bromophenyl-phenylether
Concen: 4.232 ng
RT: 10.798 min Scan# 11
Delta R.T. -0.235 min
Lab File: BF132840.D
Acq: 18 Mar 2023 00:41

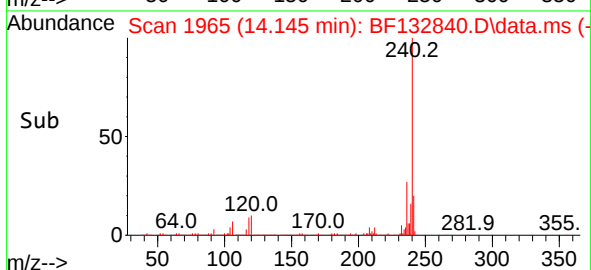
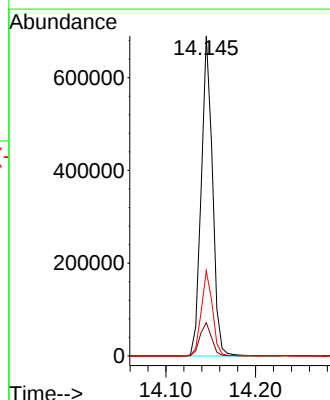
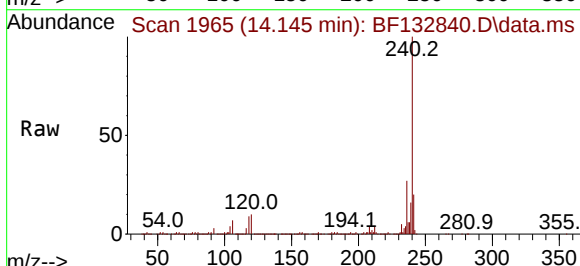
Instrument :
BNA_F
ClientSampleId :
SV-TP5-0316

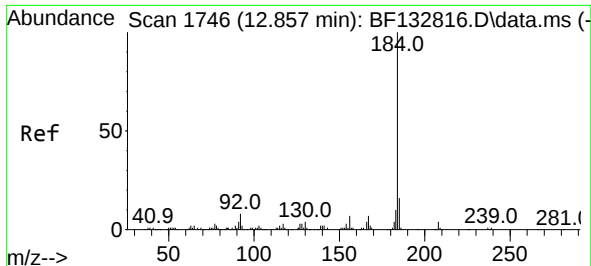
Tgt Ion:248 Resp: 40847
Ion Ratio Lower Upper
248 100
250 197.7 79.1 118.7#
141 480.1 57.1 85.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF132840.D
Acq: 18 Mar 2023 00:41

Tgt Ion:240 Resp: 599589
Ion Ratio Lower Upper
240 100
120 10.4 9.1 13.7
236 26.6 21.2 31.8

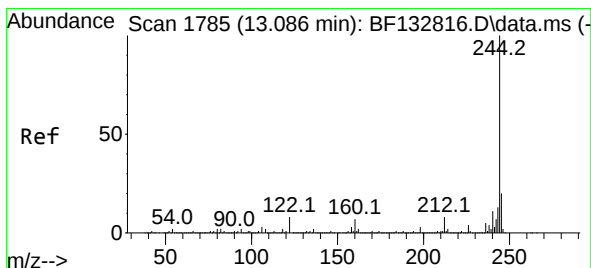
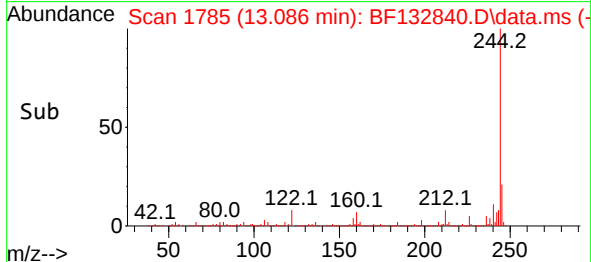
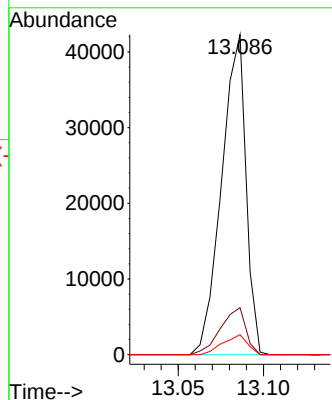
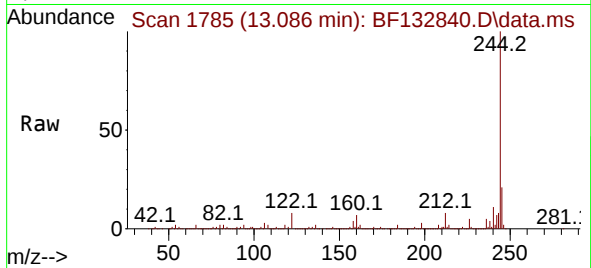




#77
Benzidine
Concen: 11.272 ng
RT: 13.086 min Scan# 1746
Delta R.T. 0.230 min
Lab File: BF132840.D
Acq: 18 Mar 2023 00:41

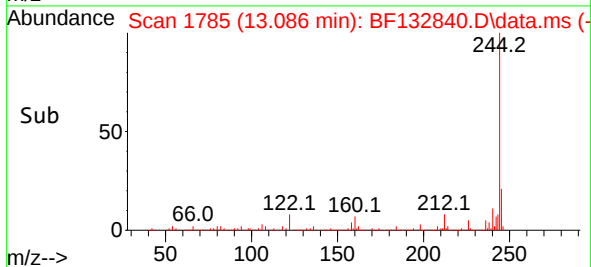
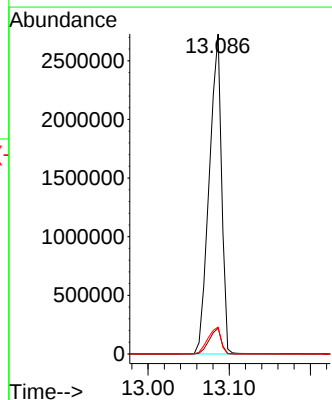
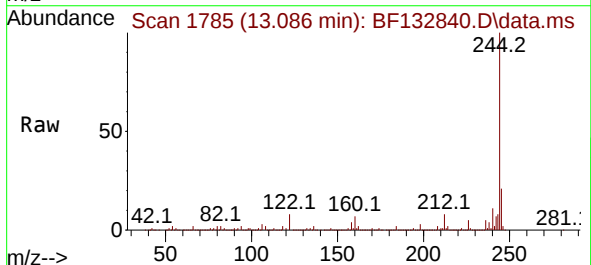
Instrument :
BNA_F
ClientSampleId :
SV-TP5-0316

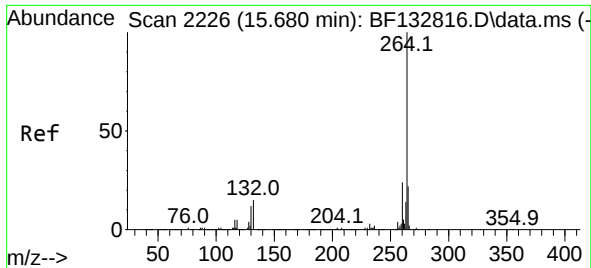
Tgt Ion:184 Resp: 42091
Ion Ratio Lower Upper
184 100
185 14.7 12.6 19.0
183 6.2 8.2 12.4#



#79
Terphenyl-d14
Concen: 86.313 ng
RT: 13.086 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF132840.D
Acq: 18 Mar 2023 00:41

Tgt Ion:244 Resp: 2866064
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 8.4 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: BF132840.D
Acq: 18 Mar 2023 00:41

Instrument :
BNA_F
ClientSampleId :
SV-TP5-0316

Tgt Ion:264 Resp: 467819

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.9	28.3
265	21.5	17.4	26.0

