

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
 Data File : BF132836.D
 Acq On : 17 Mar 2023 22:27
 Operator : CG\JU
 Sample : 01954-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SV-TP1-0316

Quant Time: Mar 17 23:34:49 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)

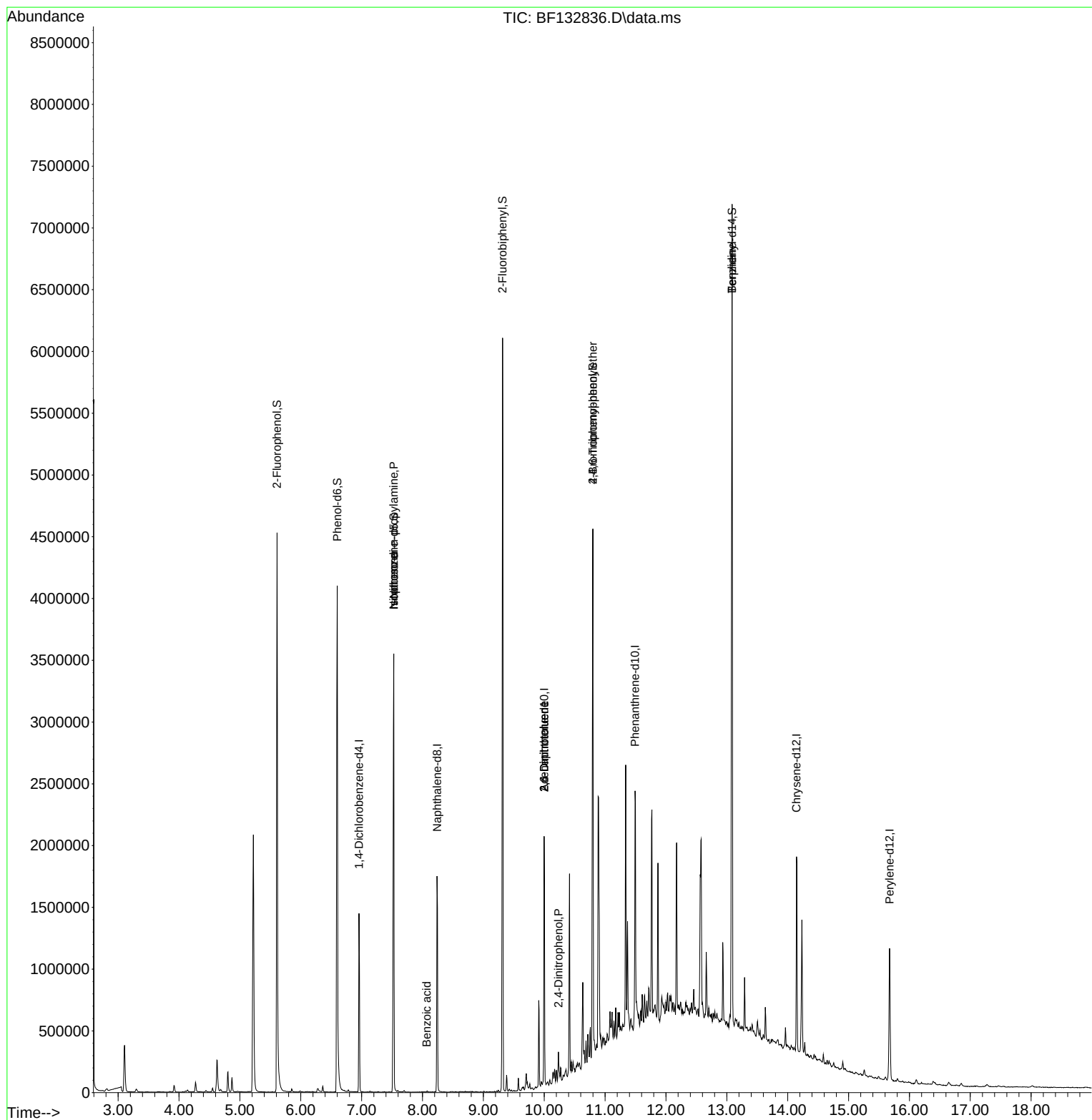
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	210359	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	793791	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	415535	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	766158	20.000	ng	0.00
76) Chrysene-d12	14.145	240	583299	20.000	ng	0.00
86) Perylene-d12	15.674	264	524667	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1470802	117.981	ng	0.02
7) Phenol-d6	6.598	99	1758966	108.705	ng	0.00
23) Nitrobenzene-d5	7.528	82	1275653	82.240	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	588201	133.159	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2056497	81.297	ng	0.00
79) Terphenyl-d14	13.086	244	2636572	81.619	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.528	70	165567	17.933	ng	# 76
25) Isophorone	7.528	82	1275638	41.834	ng	# 66
32) Benzoic acid	8.069	122	919	10.566	ng	# 54
51) 2,6-Dinitrotoluene	9.998	165	54751	8.311	ng	# 28
54) 2,4-Dinitrophenol	10.233	184	243	8.366	ng	# 1
57) 2,4-Dinitrotoluene	9.998	165	54751	6.506	ng	# 23
67) 4-Bromophenyl-phenylether	10.798	248	37766	4.264	ng	# 1
77) Benzidine	13.086	184	38119	10.494	ng	# 94

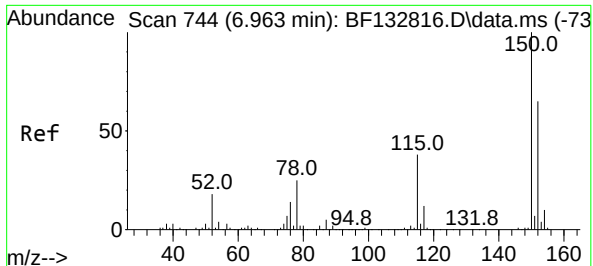
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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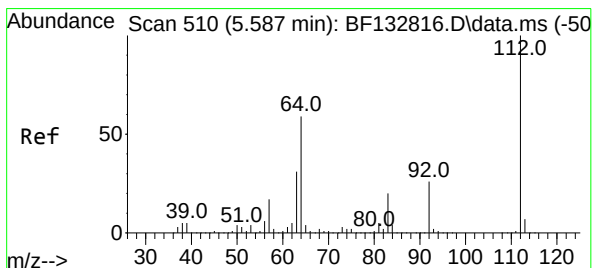
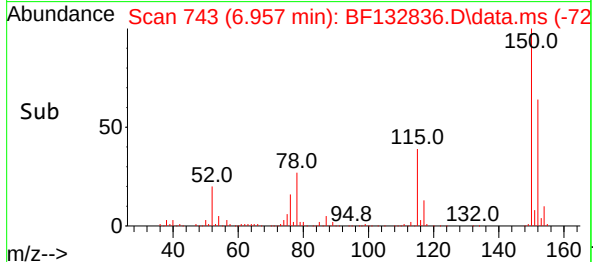
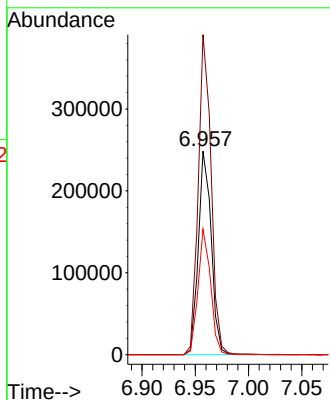
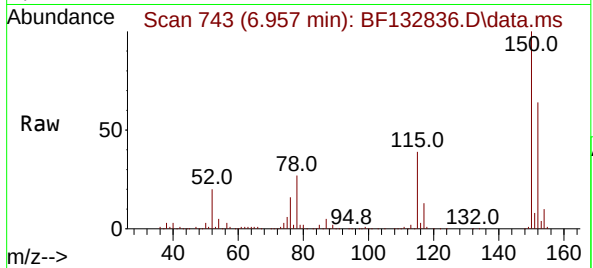




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF132836.D
Acq: 17 Mar 2023 22:27

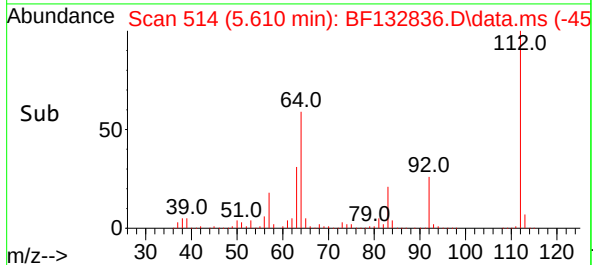
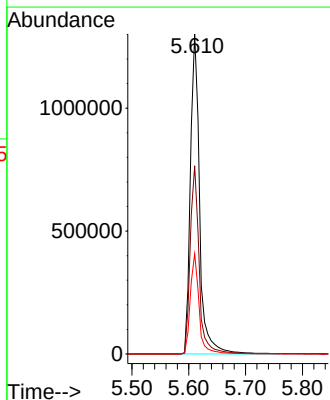
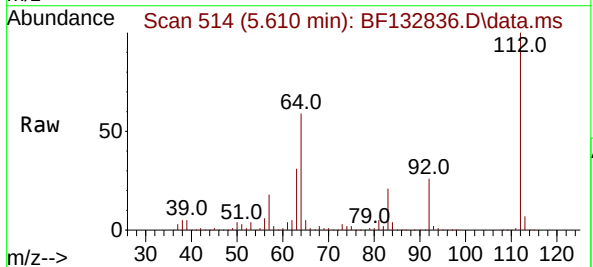
Instrument :
BNA_F
ClientSampleId :
SV-TP1-0316

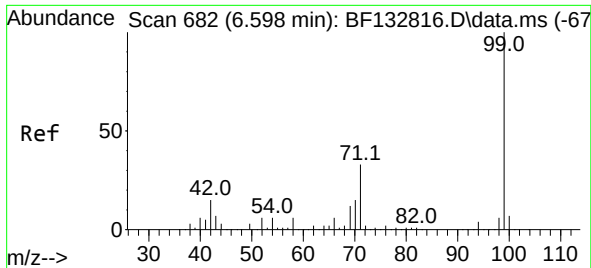
Tgt Ion:152 Resp: 210359
Ion Ratio Lower Upper
152 100
150 157.2 122.7 184.1
115 61.6 46.2 69.4



#5
2-Fluorophenol
Concen: 117.981 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.024 min
Lab File: BF132836.D
Acq: 17 Mar 2023 22:27

Tgt Ion:112 Resp: 1470802
Ion Ratio Lower Upper
112 100
64 58.8 47.1 70.7
63 31.3 24.4 36.6

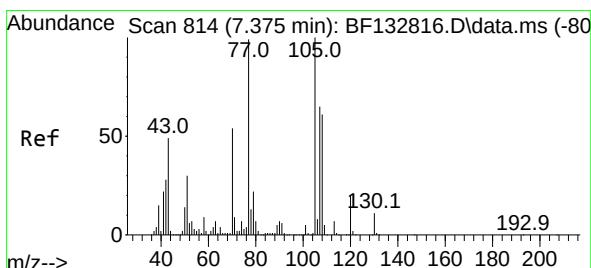
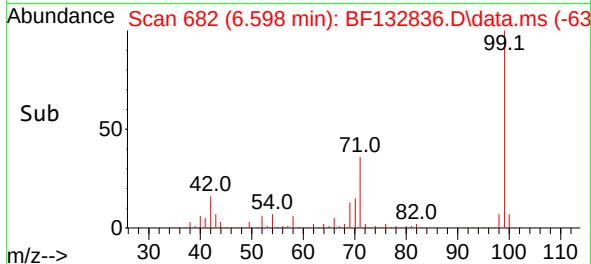
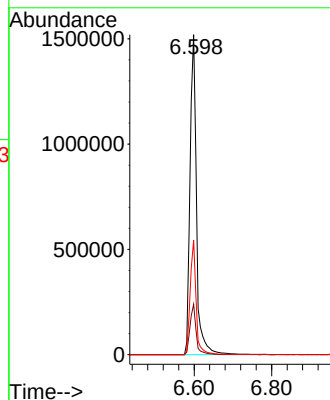
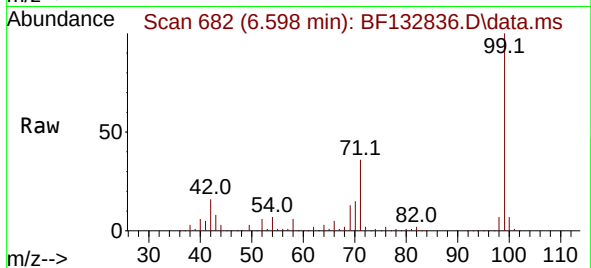




#7
Phenol-d6
Concen: 108.705 ng
RT: 6.598 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132836.D
Acq: 17 Mar 2023 22:27

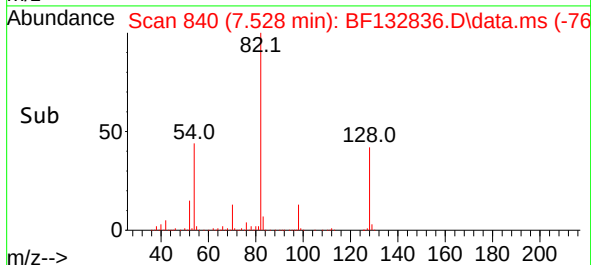
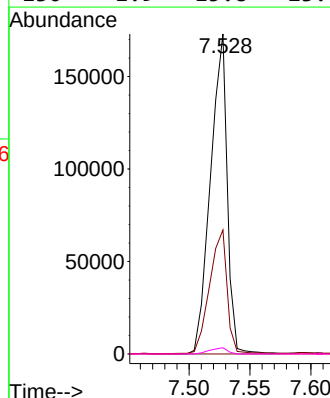
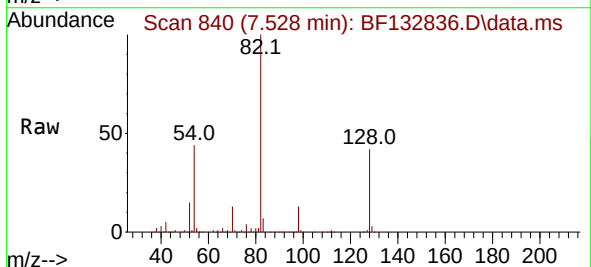
Instrument :
BNA_F
ClientSampleId :
SV-TP1-0316

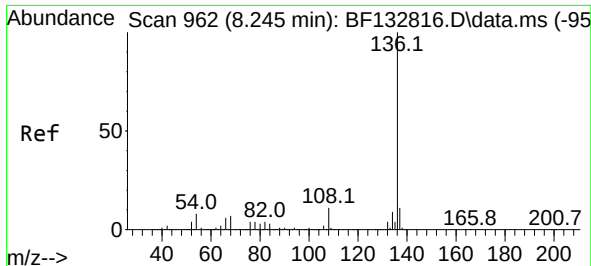
Tgt Ion: 99 Resp: 1758966
Ion Ratio Lower Upper
99 100
42 15.8 11.9 17.9
71 35.8 26.3 39.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.933 ng
RT: 7.528 min Scan# 840
Delta R.T. 0.153 min
Lab File: BF132836.D
Acq: 17 Mar 2023 22:27

Tgt Ion: 70 Resp: 165567
Ion Ratio Lower Upper
70 100
42 38.7 40.9 61.3#
101 0.0 7.8 11.6#
130 1.9 15.8 23.6#



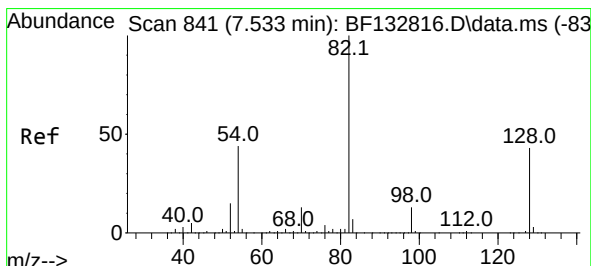
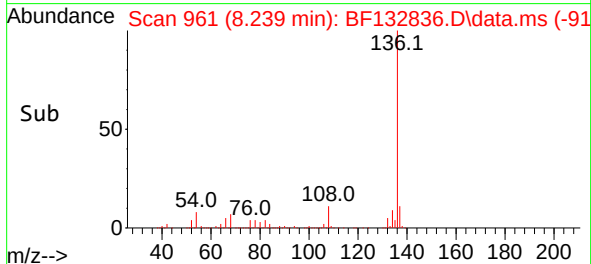
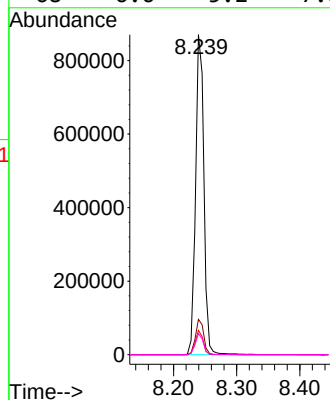
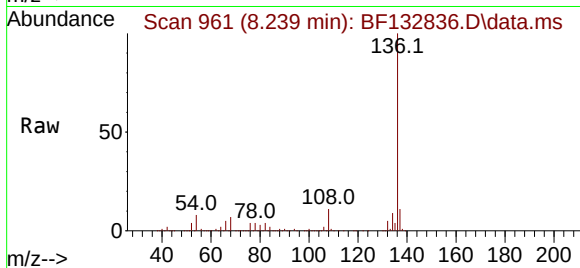


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132836.D
Acq: 17 Mar 2023 22:27

Instrument :
BNA_F
ClientSampleId :
SV-TP1-0316

Tgt Ion:136 Resp: 793791

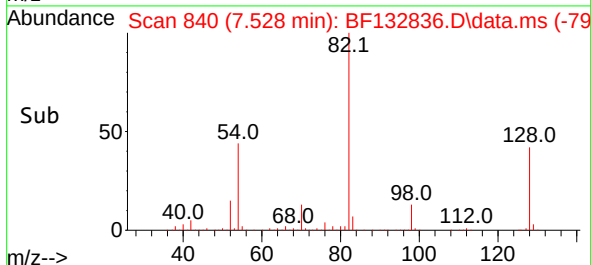
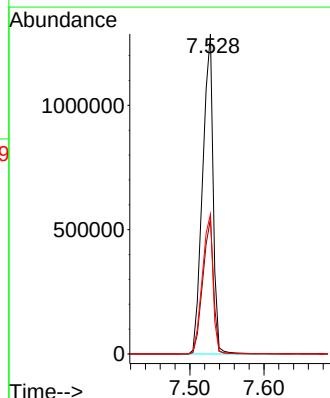
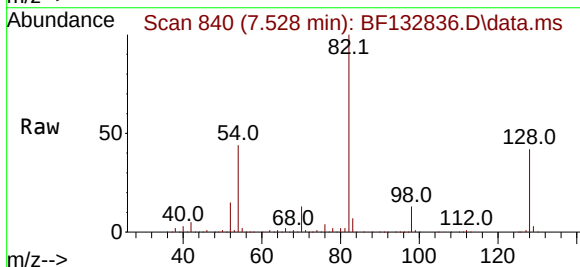
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	7.6	6.1	9.1
68	6.6	5.2	7.8

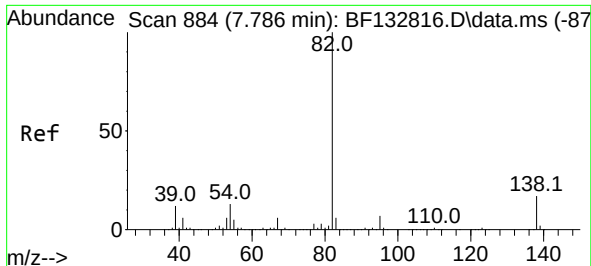


#23
Nitrobenzene-d5
Concen: 82.240 ng
RT: 7.528 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF132836.D
Acq: 17 Mar 2023 22:27

Tgt Ion: 82 Resp: 1275653

Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.4	51.6
54	43.7	35.2	52.8

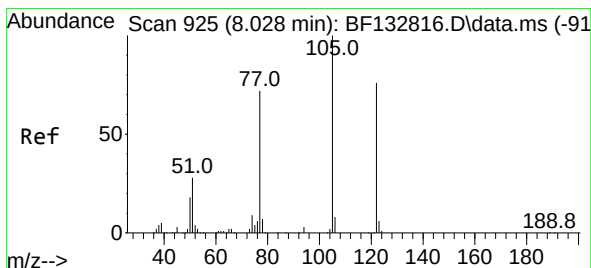
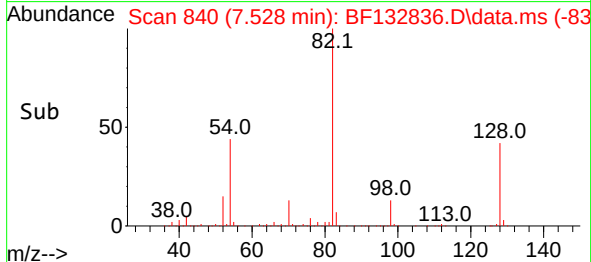
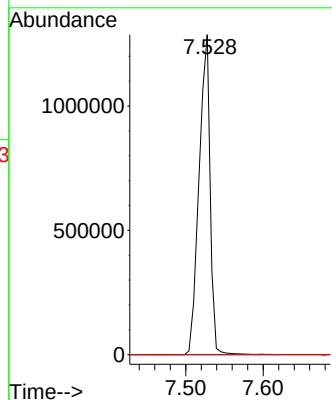
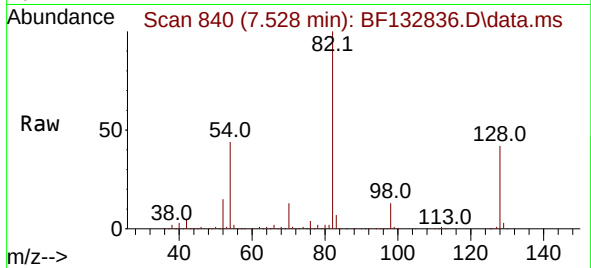




#25
Isophorone
Concen: 41.834 ng
RT: 7.528 min Scan# 840
Delta R.T. -0.259 min
Lab File: BF132836.D
Acq: 17 Mar 2023 22:27

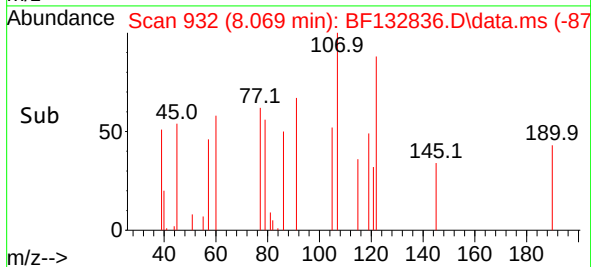
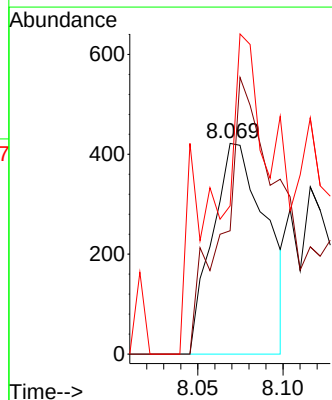
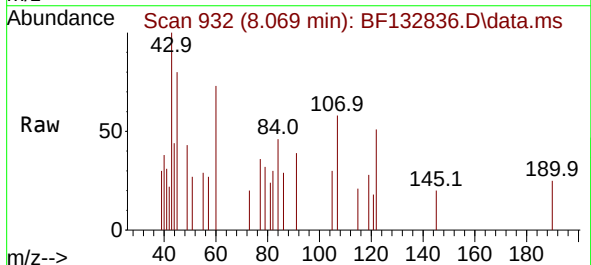
Instrument :
BNA_F
ClientSampleId :
SV-TP1-0316

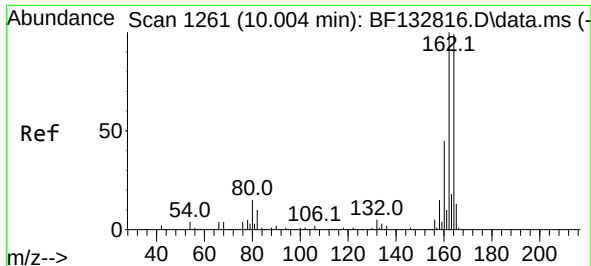
Tgt Ion: 82 Resp: 1275638
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#32
Benzoic acid
Concen: 10.566 ng
RT: 8.069 min Scan# 932
Delta R.T. 0.041 min
Lab File: BF132836.D
Acq: 17 Mar 2023 22:27

Tgt Ion:122 Resp: 919
Ion Ratio Lower Upper
122 100
105 58.5 110.8 150.8#
77 70.4 74.2 114.2#

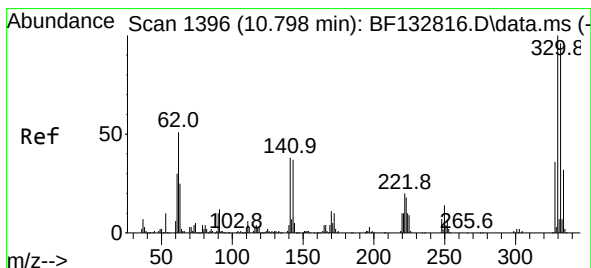
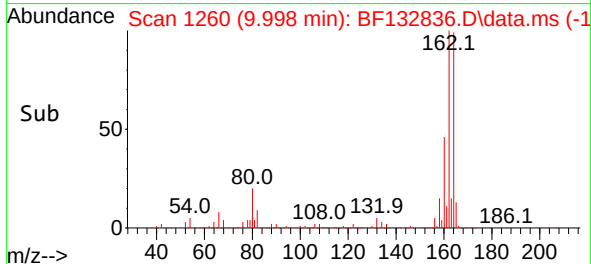
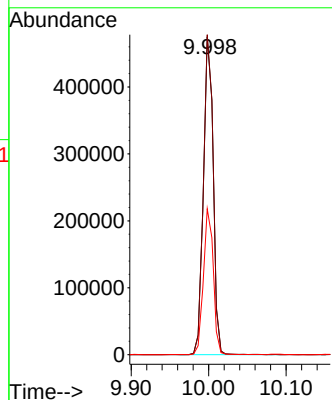
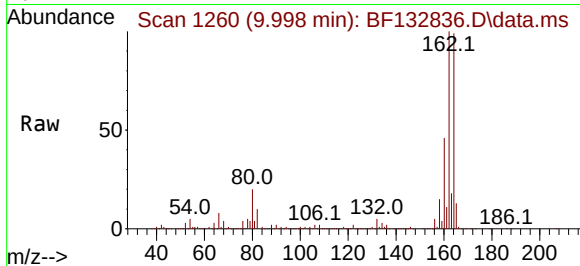




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF132836.D
Acq: 17 Mar 2023 22:27

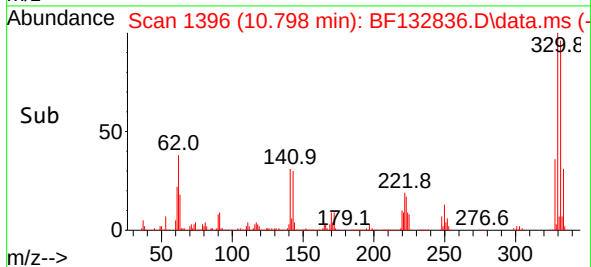
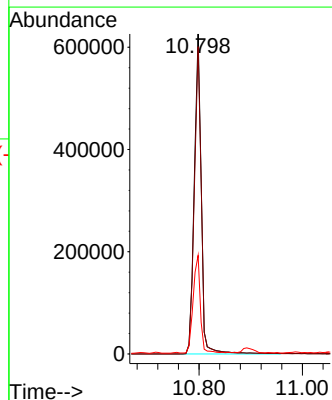
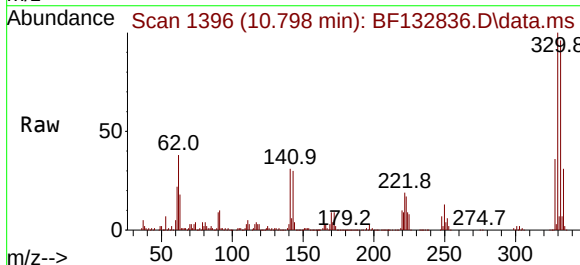
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ClientSampleId :
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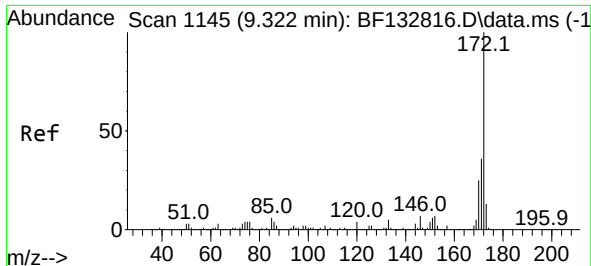
Tgt Ion:164 Resp: 415535
Ion Ratio Lower Upper
164 100
162 100.7 80.6 121.0
160 45.9 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 133.159 ng
RT: 10.798 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF132836.D
Acq: 17 Mar 2023 22:27

Tgt Ion:330 Resp: 588201
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 31.2 26.7 40.1

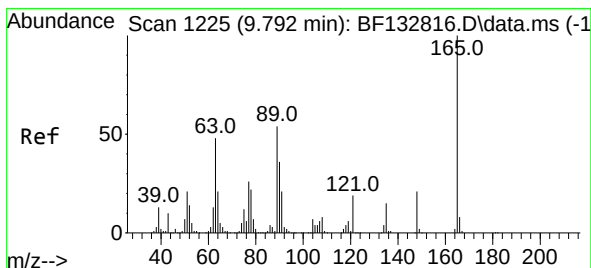
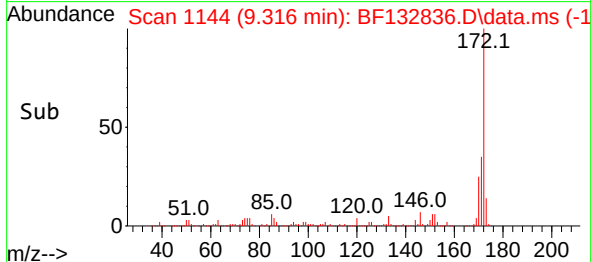
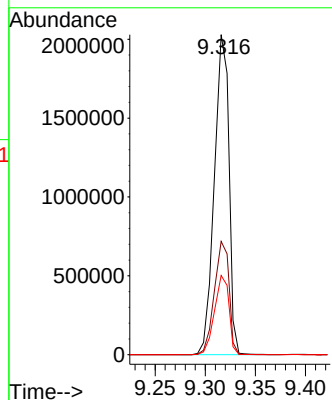
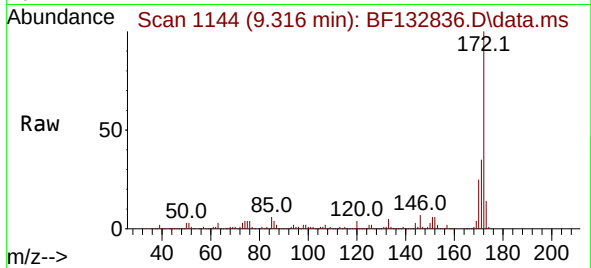




#45
2-Fluorobiphenyl
Concen: 81.297 ng
RT: 9.316 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BF132836.D
Acq: 17 Mar 2023 22:27

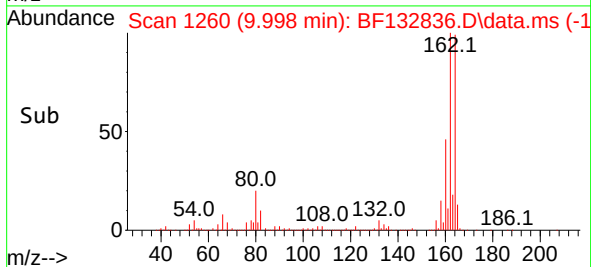
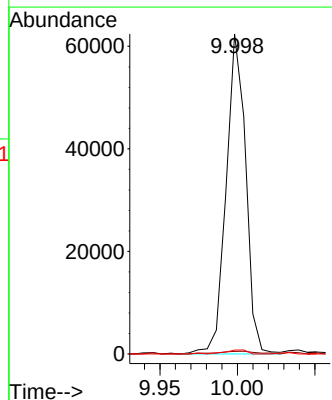
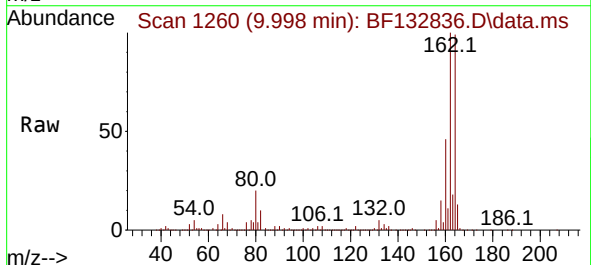
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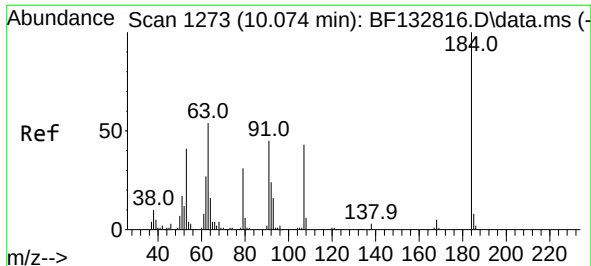
Tgt Ion:172 Resp: 2056497
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 24.8 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 8.311 ng
RT: 9.998 min Scan# 1260
Delta R.T. 0.206 min
Lab File: BF132836.D
Acq: 17 Mar 2023 22:27

Tgt Ion:165 Resp: 54751
Ion Ratio Lower Upper
165 100
63 0.8 39.1 58.7#
89 1.2 43.5 65.3#

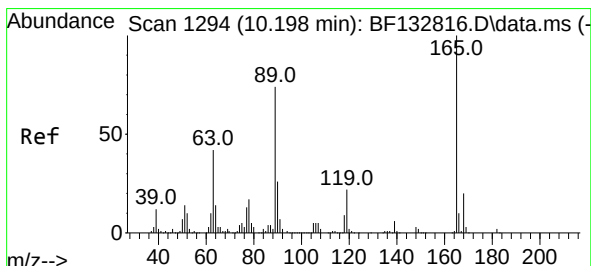
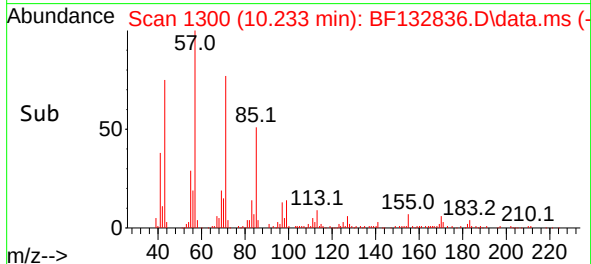
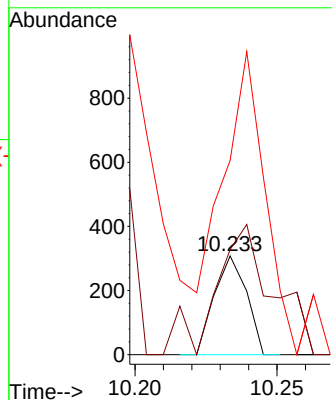
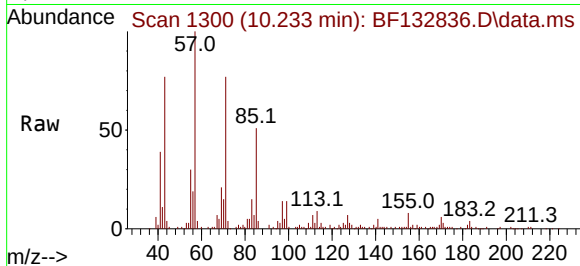




#54
2,4-Dinitrophenol
Concen: 8.366 ng
RT: 10.233 min Scan# 11
Delta R.T. 0.159 min
Lab File: BF132836.D
Acq: 17 Mar 2023 22:27

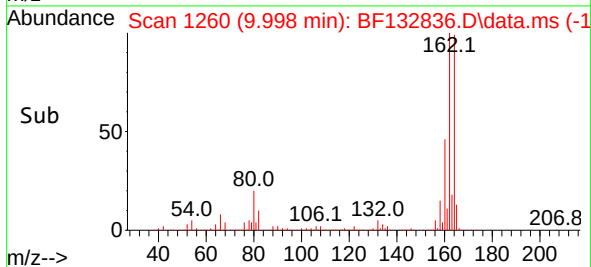
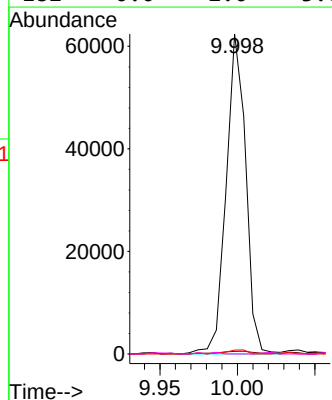
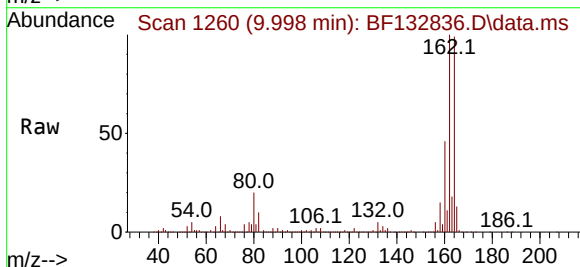
Instrument :
BNA_F
ClientSampleId :
SV-TP1-0316

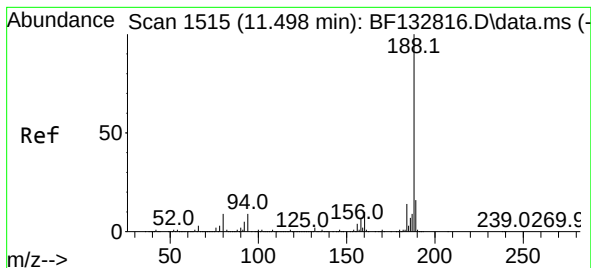
Tgt Ion:184 Resp: 243
Ion Ratio Lower Upper
184 100
63 106.5 47.2 70.8#
154 196.8 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 6.506 ng
RT: 9.998 min Scan# 1260
Delta R.T. -0.200 min
Lab File: BF132836.D
Acq: 17 Mar 2023 22:27

Tgt Ion:165 Resp: 54751
Ion Ratio Lower Upper
165 100
63 0.8 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# 11

Delta R.T. -0.006 min

Lab File: BF132836.D

Acq: 17 Mar 2023 22:27

Instrument :

BNA_F

ClientSampleId :

SV-TP1-0316

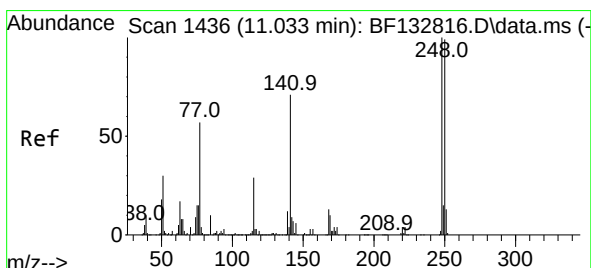
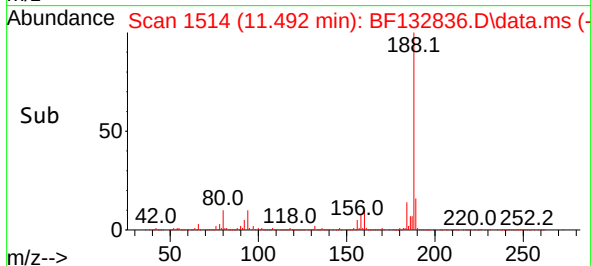
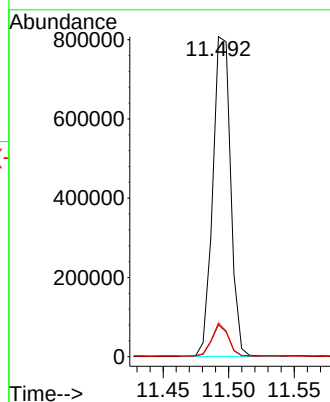
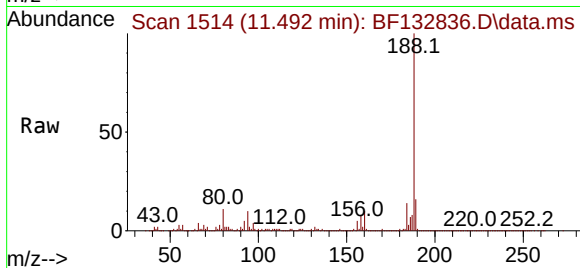
Tgt Ion:188 Resp: 766158

Ion Ratio Lower Upper

188 100

94 9.9 7.5 11.3

80 10.5 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 4.264 ng

RT: 10.798 min Scan# 1396

Delta R.T. -0.235 min

Lab File: BF132836.D

Acq: 17 Mar 2023 22:27

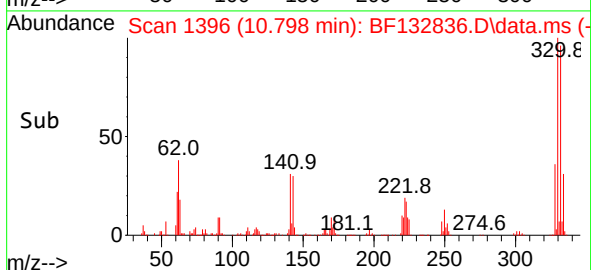
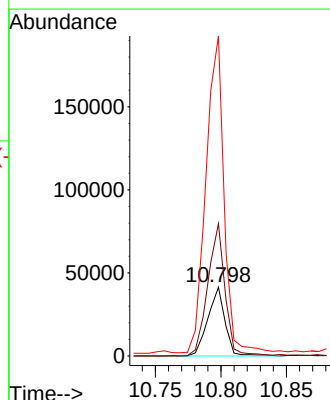
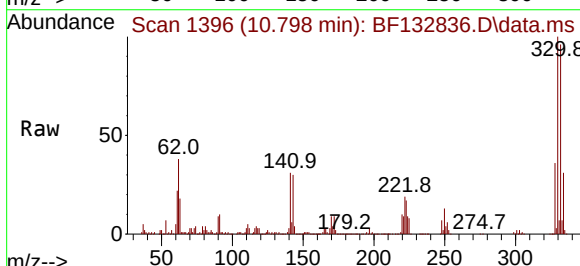
Tgt Ion:248 Resp: 37766

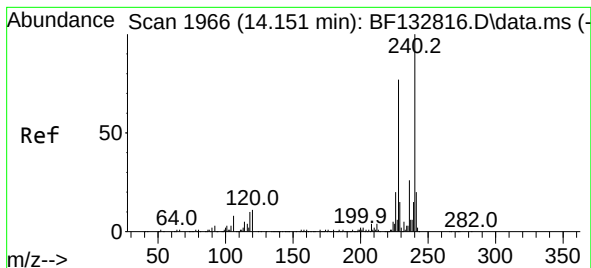
Ion Ratio Lower Upper

248 100

250 192.3 79.1 118.7#

141 464.7 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: BF132836.D

Acq: 17 Mar 2023 22:27

Instrument :

BNA_F

ClientSampleId :

SV-TP1-0316

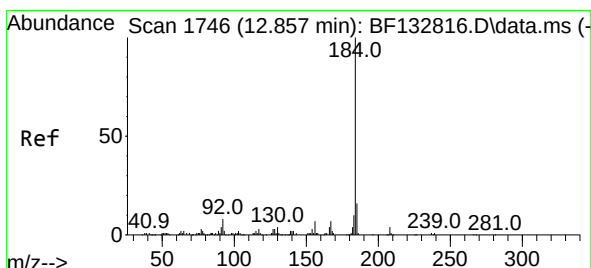
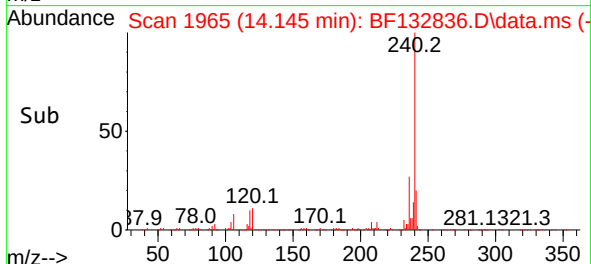
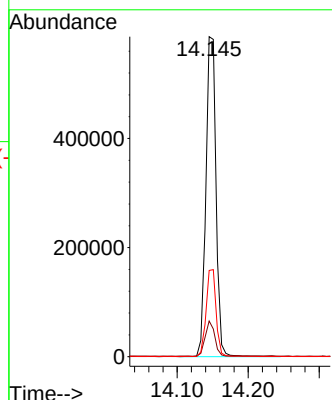
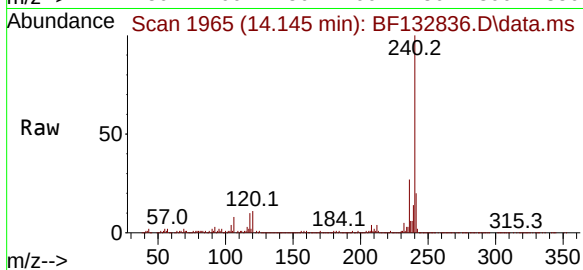
Tgt Ion:240 Resp: 583299

Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

236 27.0 21.2 31.8



#77

Benzidine

Concen: 10.494 ng

RT: 13.086 min Scan# 1785

Delta R.T. 0.230 min

Lab File: BF132836.D

Acq: 17 Mar 2023 22:27

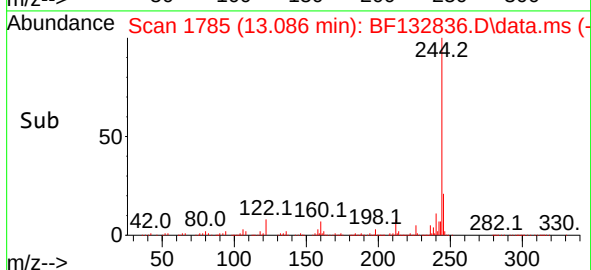
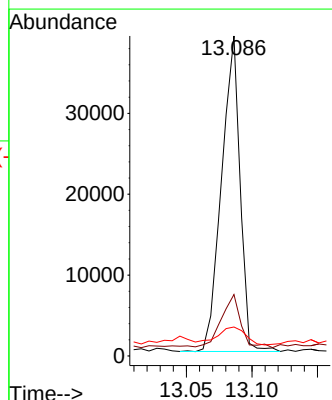
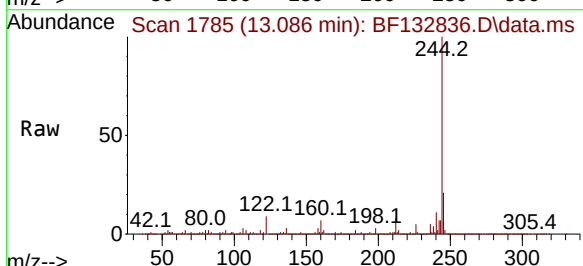
Tgt Ion:184 Resp: 38119

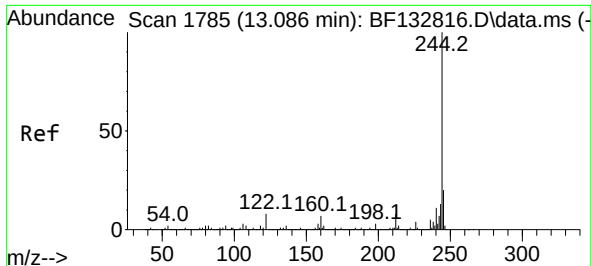
Ion Ratio Lower Upper

184 100

185 19.2 12.6 19.0

183 9.0 8.2 12.4

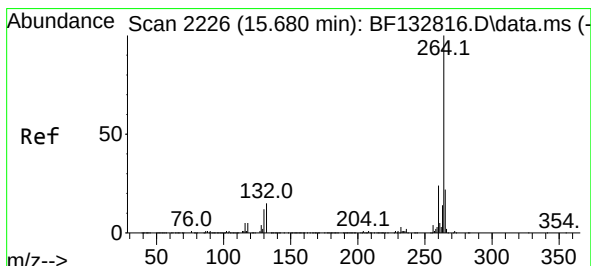
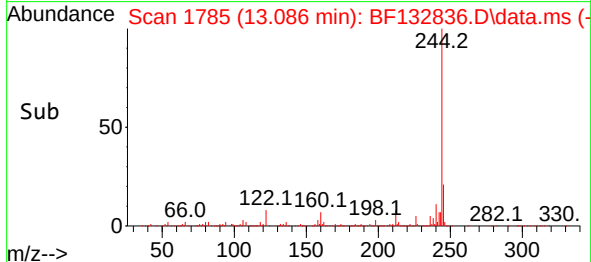
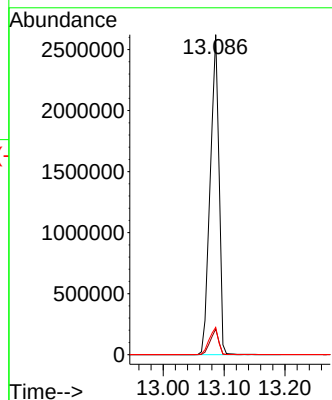
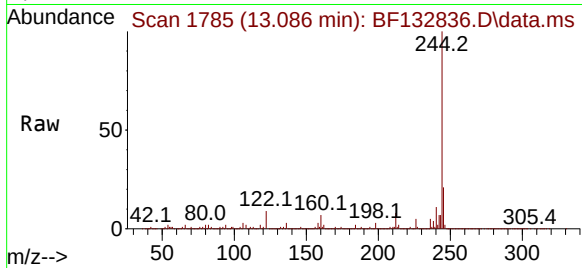




#79
 Terphenyl-d14
 Concen: 81.619 ng
 RT: 13.086 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF132836.D
 Acq: 17 Mar 2023 22:27

Instrument :
 BNA_F
 ClientSampleId :
 SV-TP1-0316

Tgt Ion:244 Resp: 2636572
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 8.5 6.6 9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 2225
 Delta R.T. -0.006 min
 Lab File: BF132836.D
 Acq: 17 Mar 2023 22:27

Tgt Ion:264 Resp: 524667
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.9 28.3
 265 21.5 17.4 26.0

