

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
 Data File : BF132786.D
 Acq On : 14 Mar 2023 19:25
 Operator : CG\JU
 Sample : 01863-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 030923-1

Quant Time: Mar 15 02:28:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

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

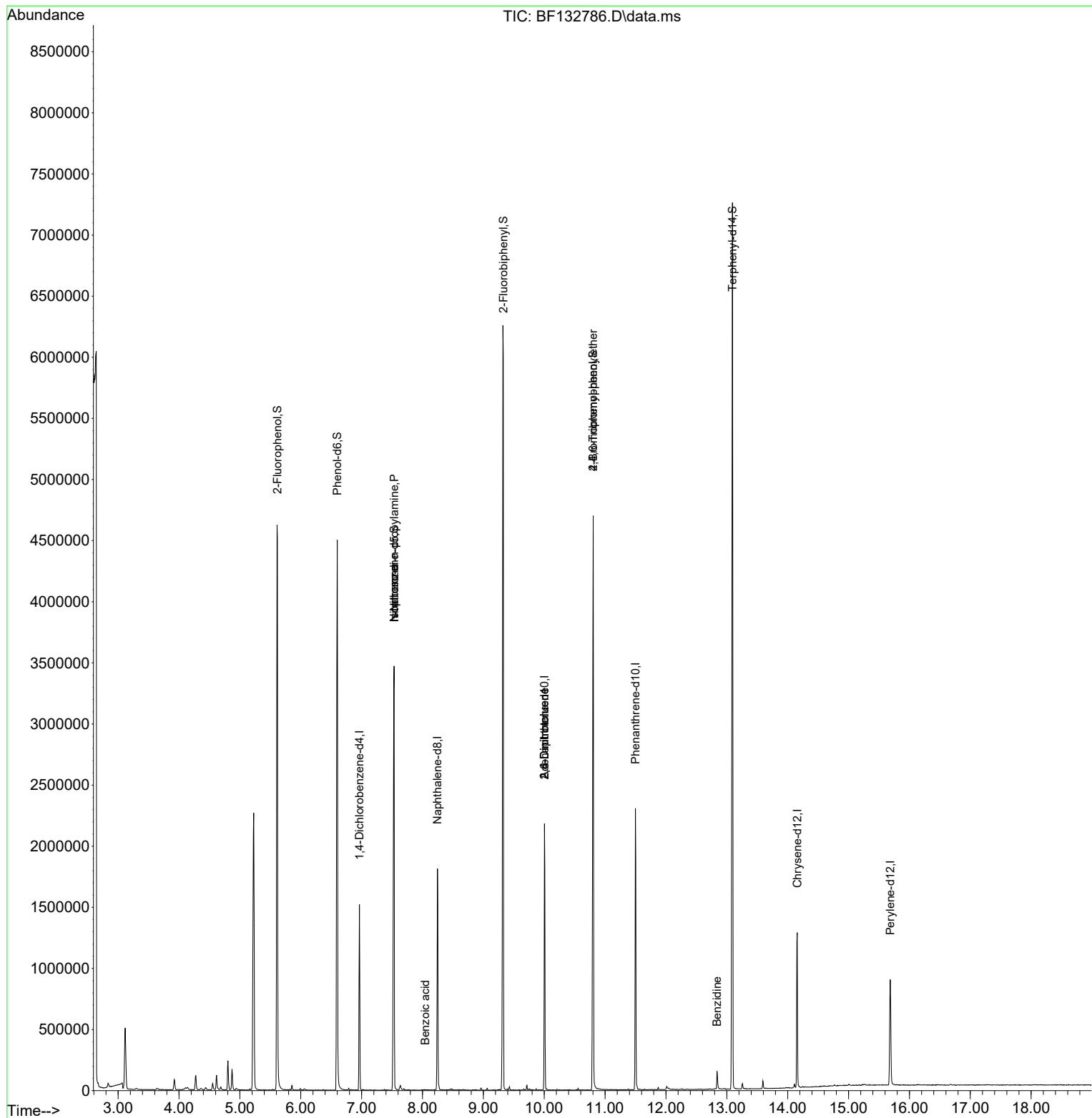
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	217816	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	815169	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	439792	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	861765	20.000	ng	0.00
76) Chrysene-d12	14.157	240	448343	20.000	ng	0.00
86) Perylene-d12	15.686	264	417798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1574514	117.319	ng	0.02
7) Phenol-d6	6.598	99	1861480	106.277	ng	0.00
23) Nitrobenzene-d5	7.534	82	1440452	83.837	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	628660	132.362	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	2261615	78.302	ng	0.00
79) Terphenyl-d14	13.092	244	2807367	105.869	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.534	70	187607	17.404	ng	# 72
25) Isophorone	7.534	82	1438948	43.683	ng	# 67
32) Benzoic acid	8.045	122	1593	3.981	ng	# 88
51) 2,6-Dinitrotoluene	10.004	165	57755	7.919	ng	# 22
57) 2,4-Dinitrotoluene	10.004	165	57755	5.953	ng	# 21
67) 4-Bromophenyl-phenylether	10.804	248	39747	4.077	ng	# 1
77) Benzidine	12.839	184	60539	5.547	ng	97

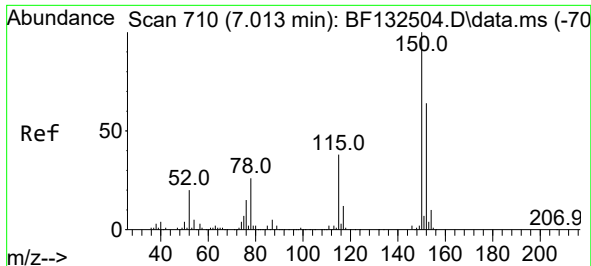
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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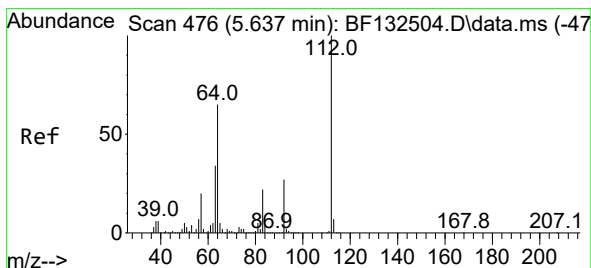
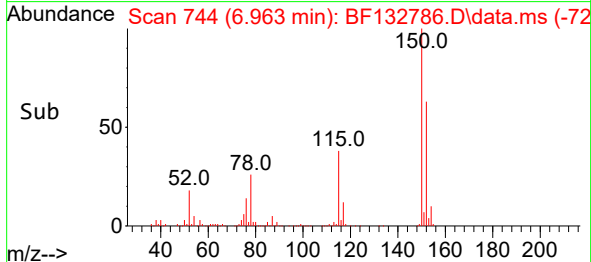
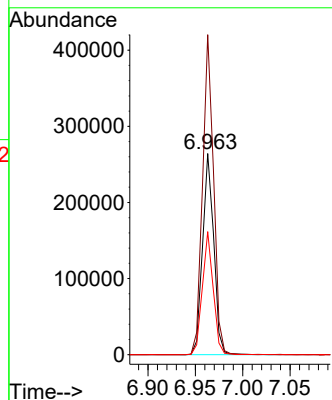
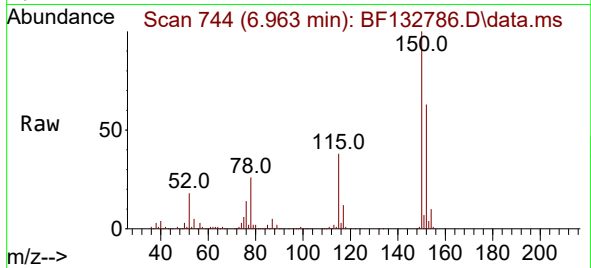




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

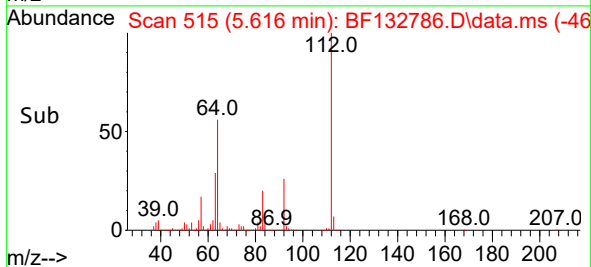
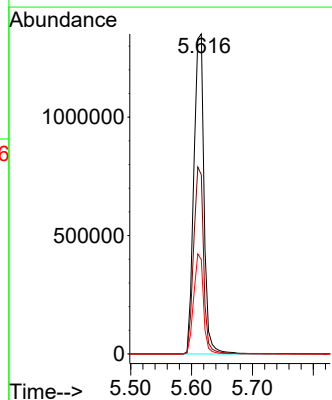
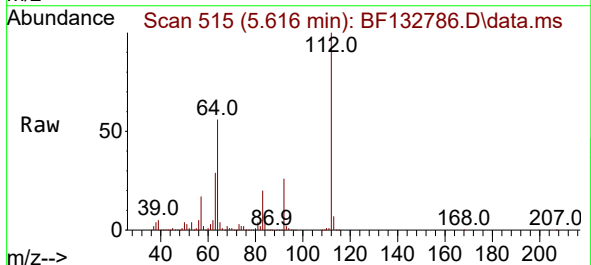
Instrument :
BNA_F
ClientSampleId :
030923-1

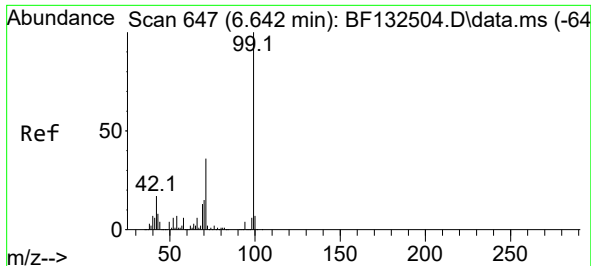
Tgt Ion:152 Resp: 217816
Ion Ratio Lower Upper
152 100
150 159.1 125.4 188.2
115 61.1 47.8 71.6



#5
2-Fluorophenol
Concen: 117.319 ng
RT: 5.616 min Scan# 515
Delta R.T. 0.024 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

Tgt Ion:112 Resp: 1574514
Ion Ratio Lower Upper
112 100
64 56.0 51.6 77.4
63 29.5 27.4 41.2

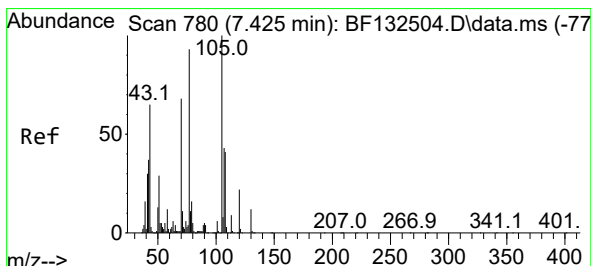
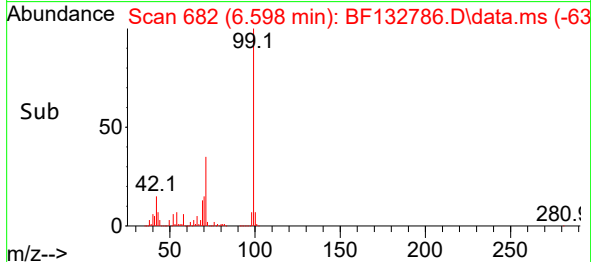
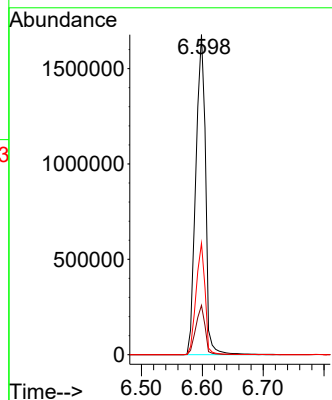
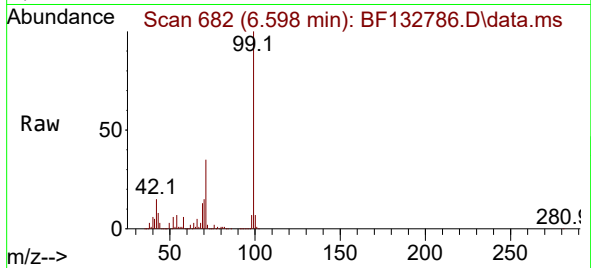




#7
Phenol-d6
Concen: 106.277 ng
RT: 6.598 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

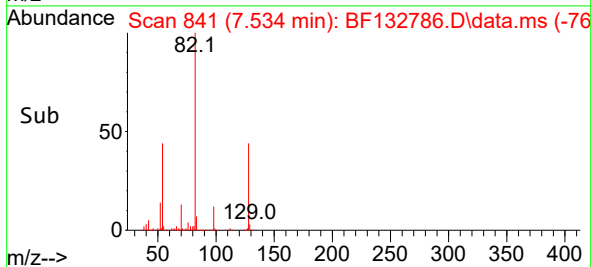
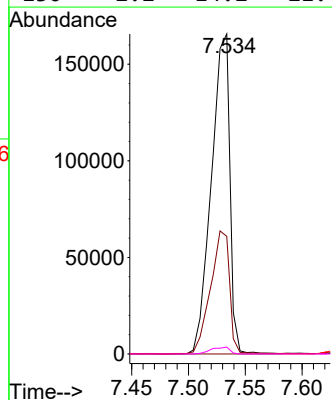
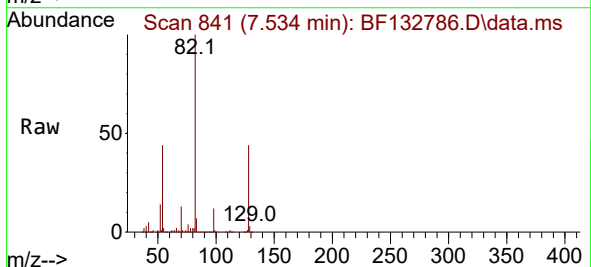
Instrument :
BNA_F
ClientSampleId :
030923-1

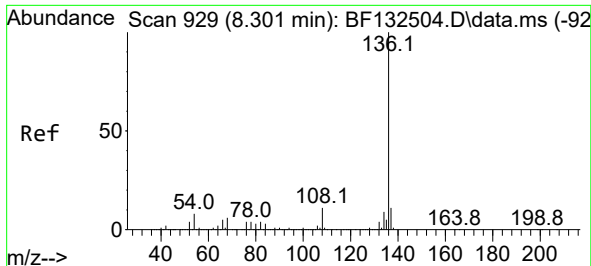
Tgt Ion: 99 Resp: 1861480
Ion Ratio Lower Upper
99 100
42 15.4 13.9 20.9
71 34.8 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.404 ng
RT: 7.534 min Scan# 841
Delta R.T. 0.153 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

Tgt Ion: 70 Resp: 187607
Ion Ratio Lower Upper
70 100
42 36.7 44.1 66.1#
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#

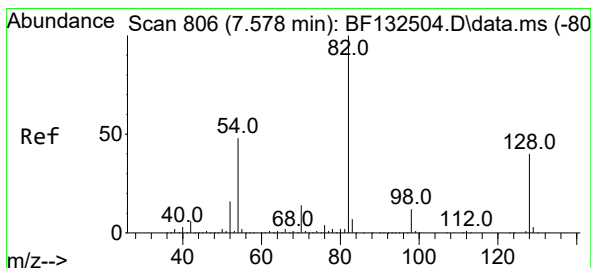
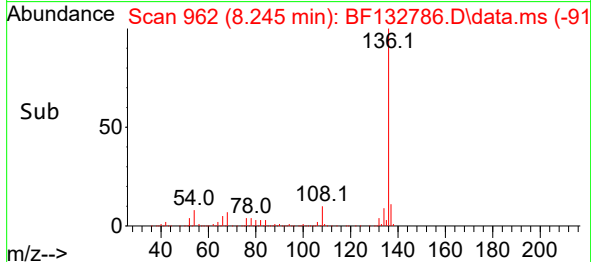
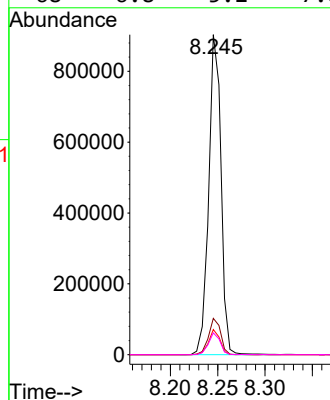
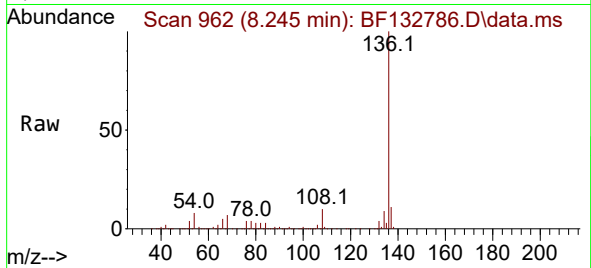




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

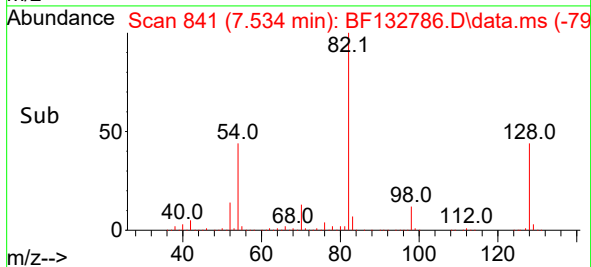
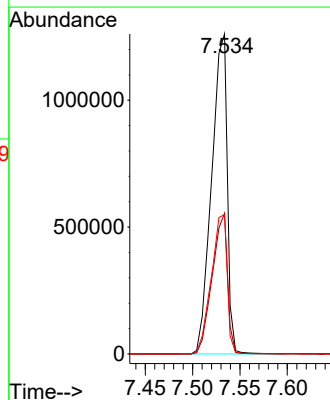
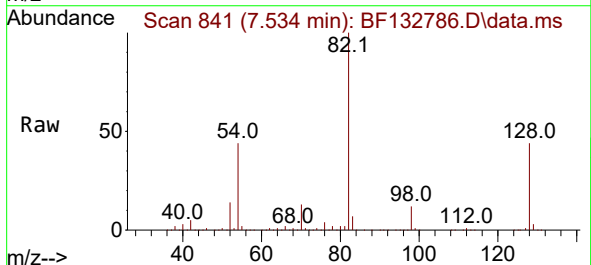
Instrument :
BNA_F
ClientSampleId :
030923-1

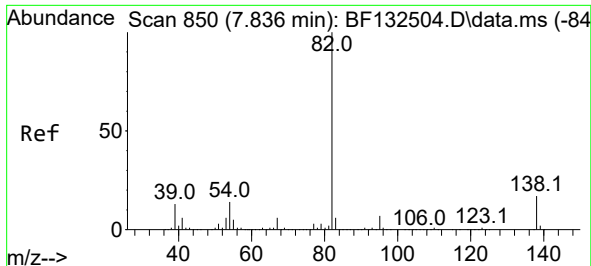
Tgt Ion:136 Resp: 815169
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.8 6.2 9.4
68 6.8 5.2 7.8



#23
Nitrobenzene-d5
Concen: 83.837 ng
RT: 7.534 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

Tgt Ion: 82 Resp: 1440452
Ion Ratio Lower Upper
82 100
128 43.9 32.2 48.2
54 43.6 38.4 57.6

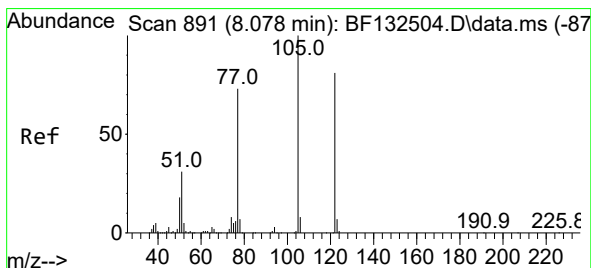
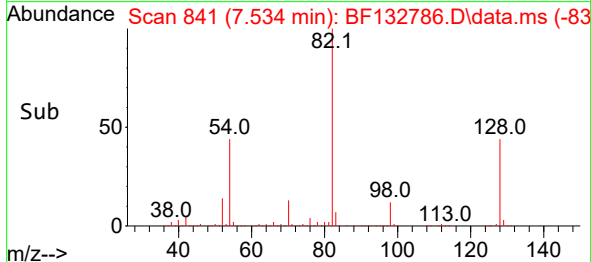
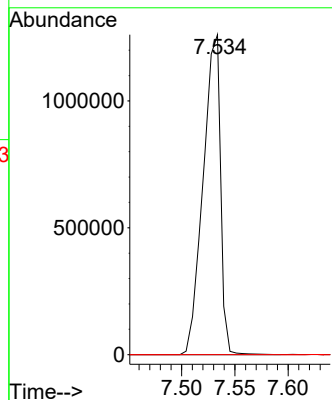
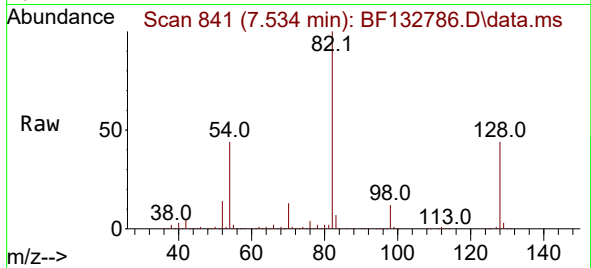




#25
Isophorone
Concen: 43.683 ng
RT: 7.534 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

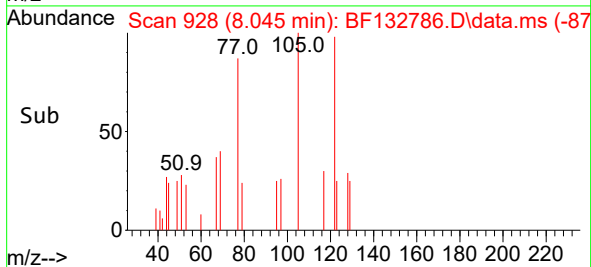
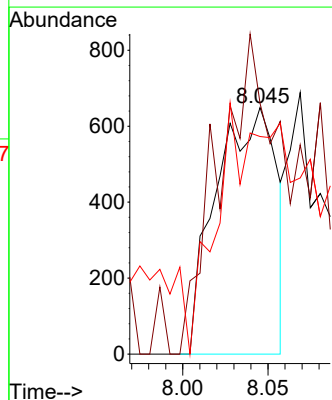
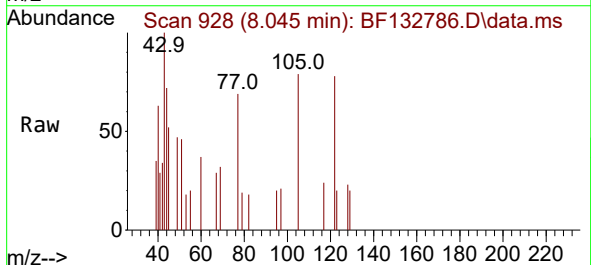
Instrument :
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ClientSampleId :
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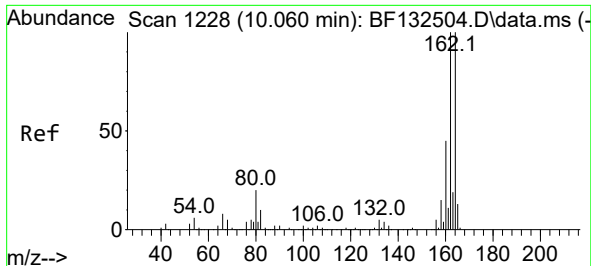
Tgt Ion: 82 Resp: 1438948
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.981 ng
RT: 8.045 min Scan# 928
Delta R.T. 0.012 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

Tgt Ion: 122 Resp: 1593
Ion Ratio Lower Upper
122 100
105 101.7 102.6 142.6#
77 88.3 70.2 110.2

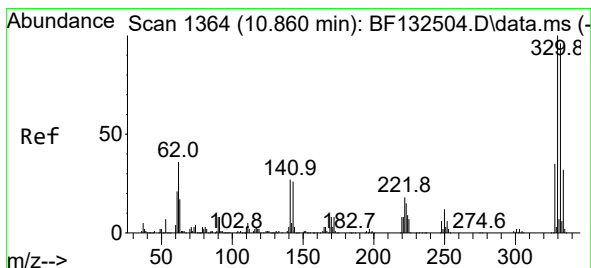
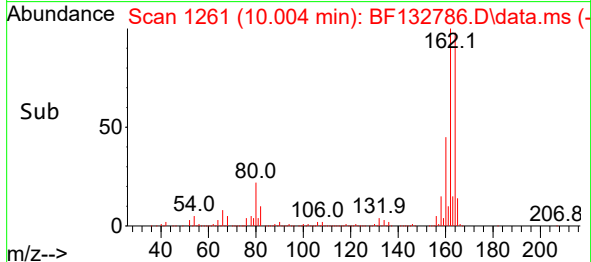
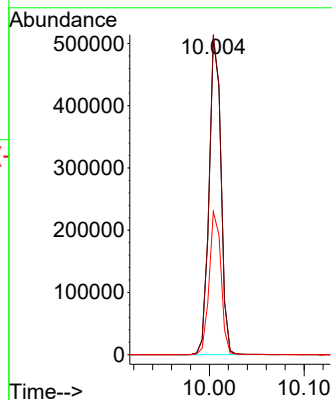
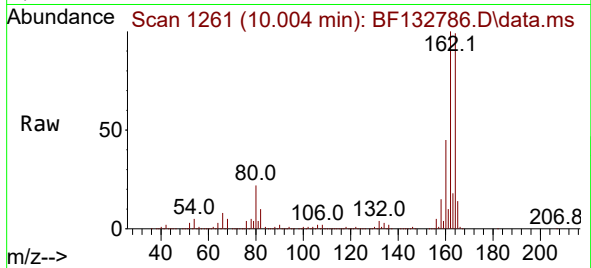




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

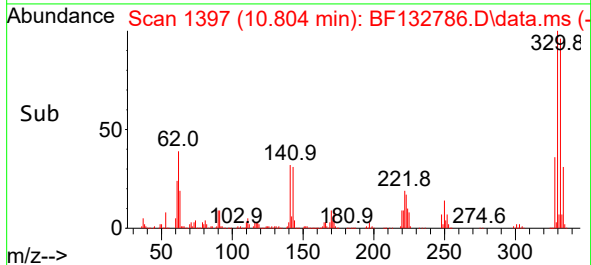
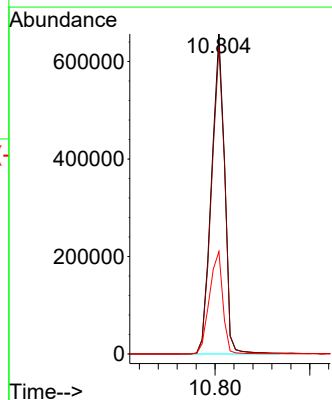
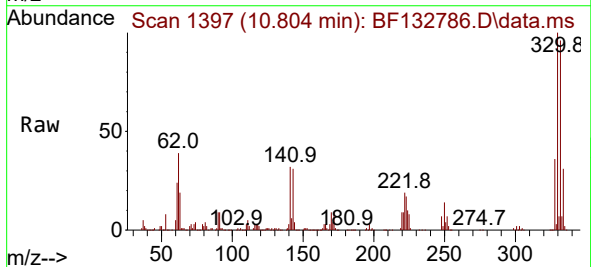
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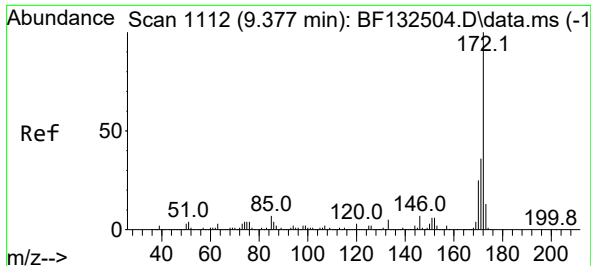
Tgt Ion:164 Resp: 439792
Ion Ratio Lower Upper
164 100
162 101.1 79.8 119.8
160 45.2 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 132.362 ng
RT: 10.804 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

Tgt Ion:330 Resp: 628660
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.4
141 32.9 28.4 42.6

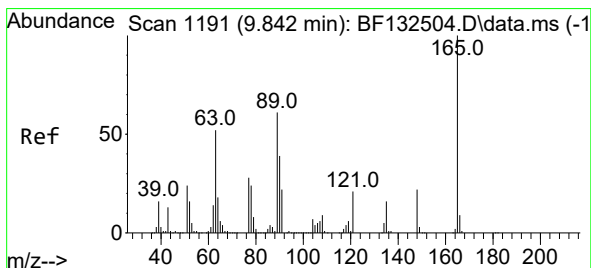
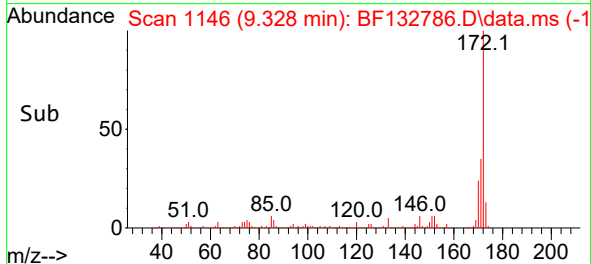
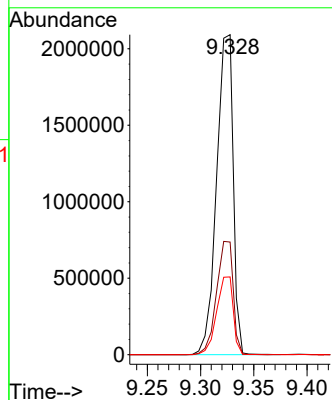
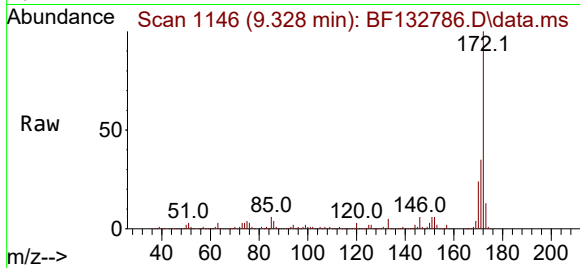




#45
2-Fluorobiphenyl
Concen: 78.302 ng
RT: 9.328 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

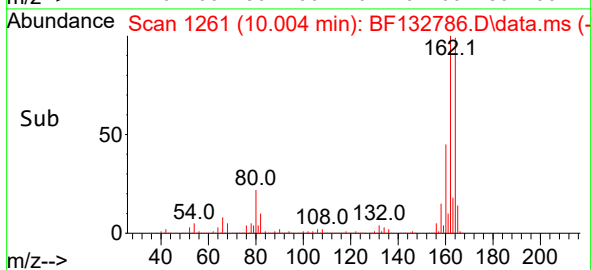
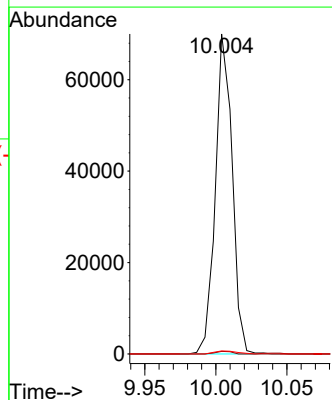
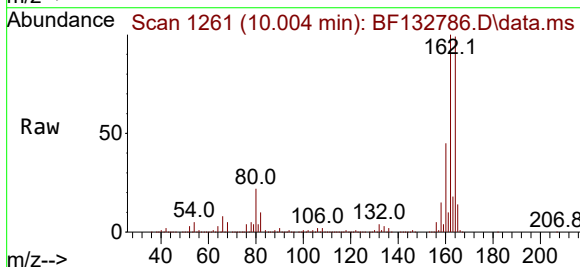
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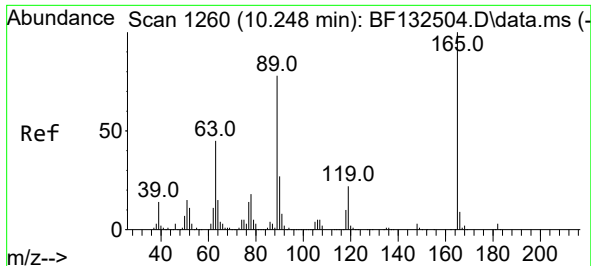
Tgt Ion:172 Resp: 2261615
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 24.3 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.919 ng
RT: 10.004 min Scan# 1261
Delta R.T. 0.206 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

Tgt Ion:165 Resp: 57755
Ion Ratio Lower Upper
165 100
63 0.8 47.3 70.9#
89 0.9 48.9 73.3#

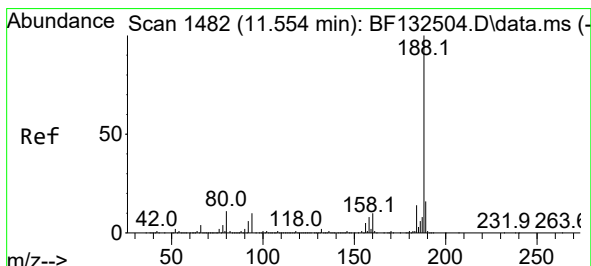
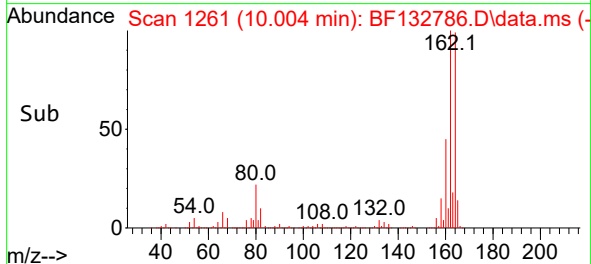
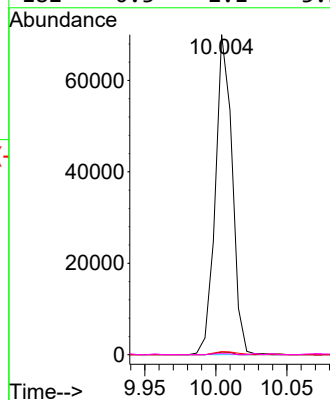
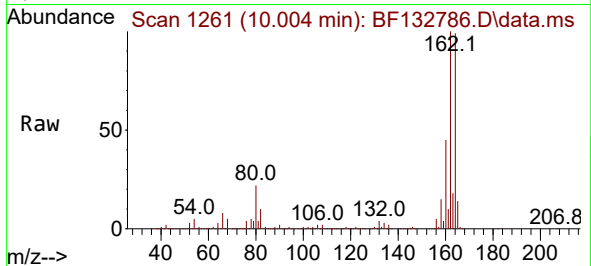




#57
2,4-Dinitrotoluene
Concen: 5.953 ng
RT: 10.004 min Scan# 1515
Delta R.T. -0.200 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

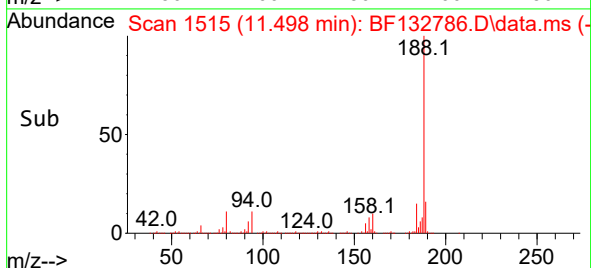
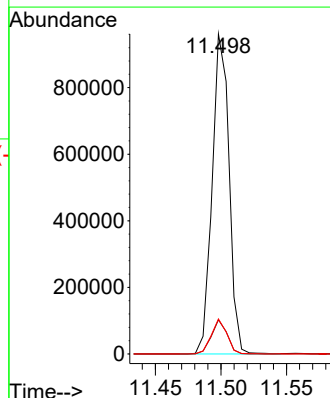
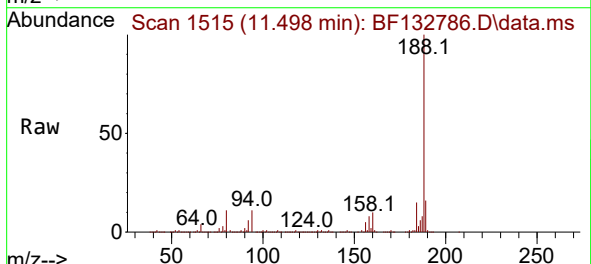
Instrument :
BNA_F
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030923-1

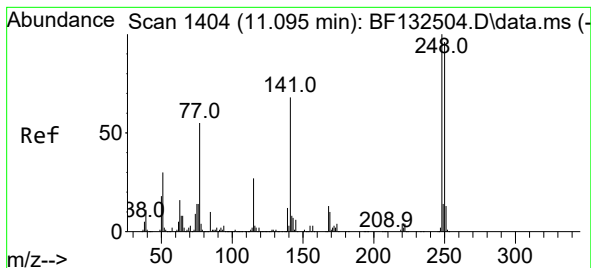
Tgt Ion:	165	Resp:	57755
Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.5	54.7#
89	0.9	62.4	93.6#
182	0.3	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

Tgt Ion:	188	Resp:	861765
Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.3	12.5
80	11.0	8.7	13.1

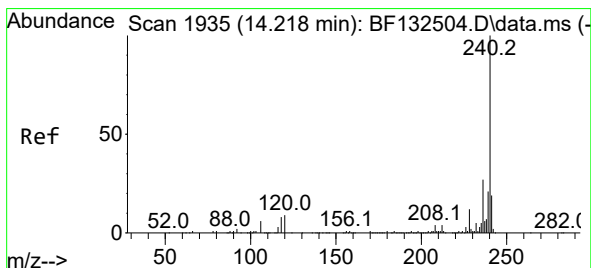
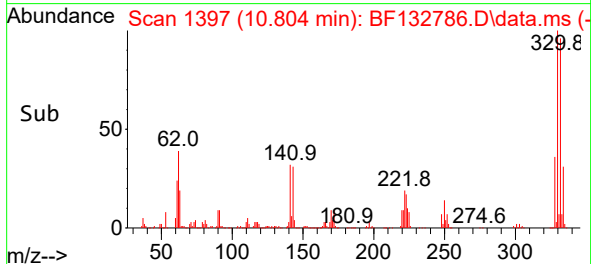
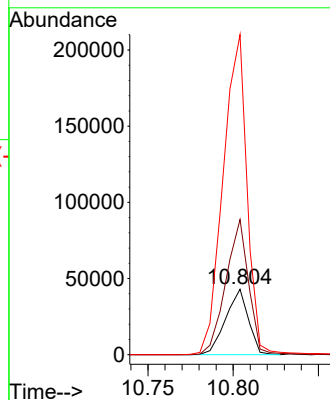
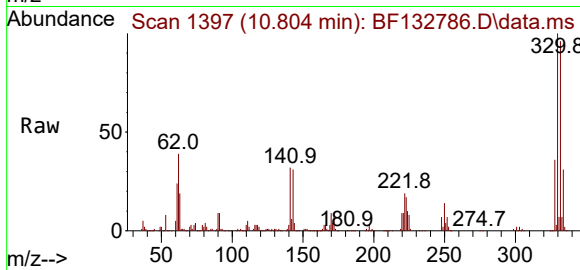




#67
4-Bromophenyl-phenylether
Concen: 4.077 ng
RT: 10.804 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

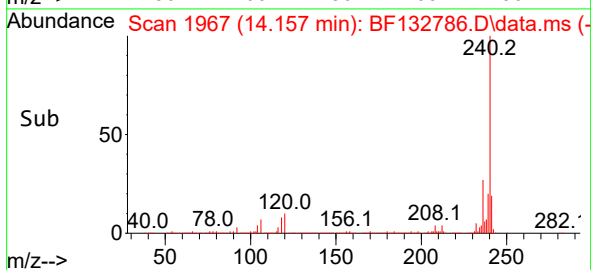
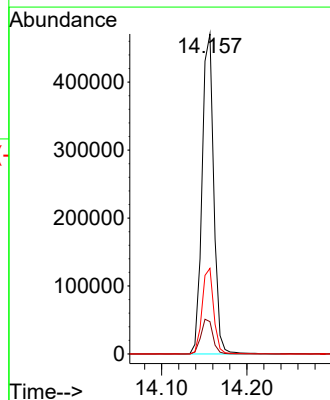
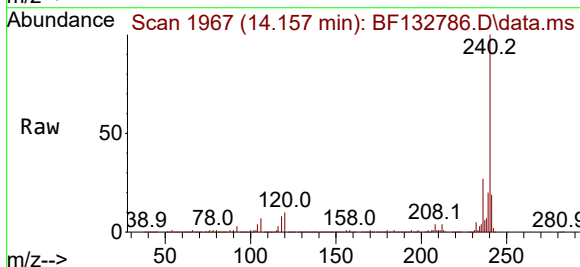
Instrument :
BNA_F
ClientSampleId :
030923-1

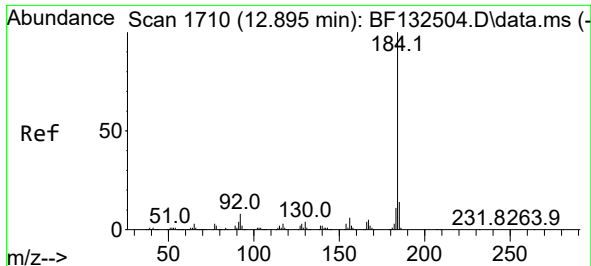
Tgt Ion:248 Resp: 39747
Ion Ratio Lower Upper
248 100
250 206.7 77.0 115.4#
141 489.2 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

Tgt Ion:240 Resp: 448343
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 26.8 21.8 32.6

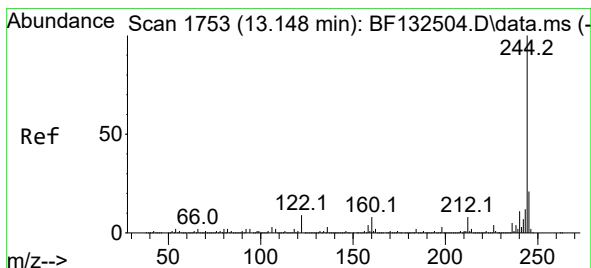
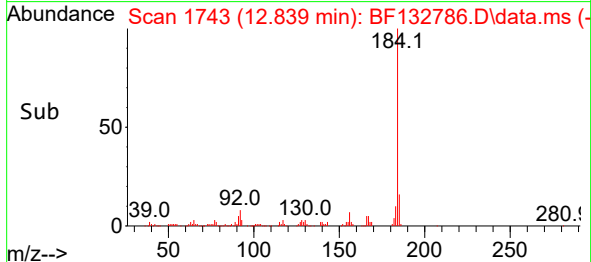
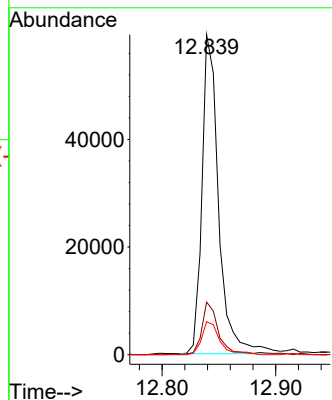
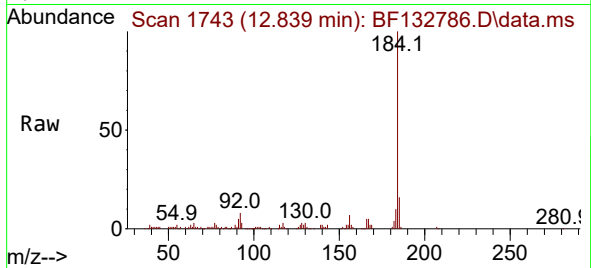




#77
Benzidine
Concen: 5.547 ng
RT: 12.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

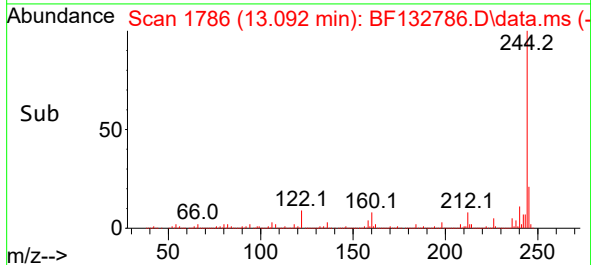
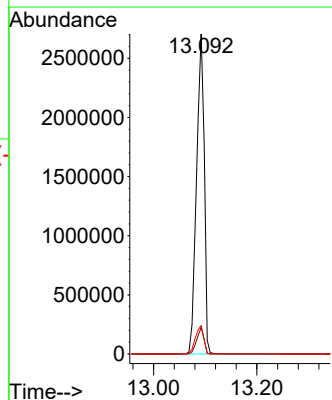
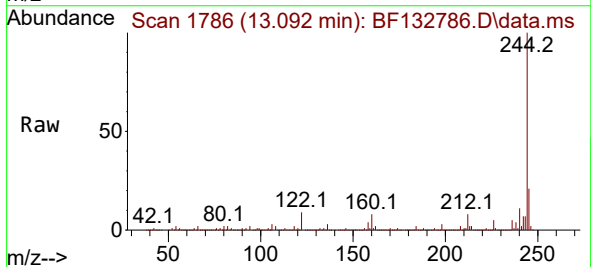
Instrument :
BNA_F
ClientSampleId :
030923-1

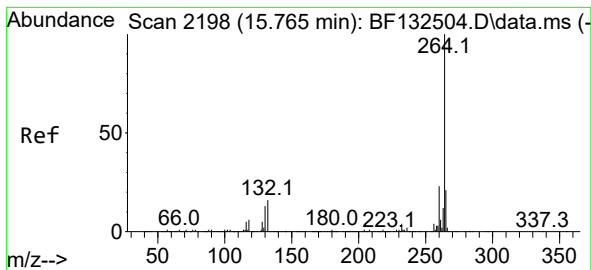
Tgt Ion:184 Resp: 60539
Ion Ratio Lower Upper
184 100
185 16.4 11.7 17.5
183 10.3 8.7 13.1



#79
Terphenyl-d14
Concen: 105.869 ng
RT: 13.092 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

Tgt Ion:244 Resp: 2807367
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 8.9 7.5 11.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.686 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132786.D

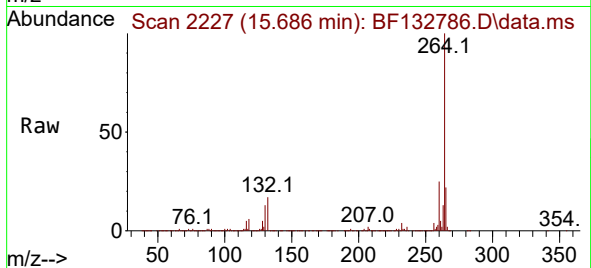
Acq: 14 Mar 2023 19:25

Instrument :

BNA_F

ClientSampleId :

030923-1



Tgt Ion:264 Resp: 417798

Ion Ratio Lower Upper

264 100

260 24.7 18.8 28.2

265 21.9 17.1 25.7

