

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
 Data File : BP013943.D
 Acq On : 03 Mar 2023 14:15
 Operator : CG/JU
 Sample : 01749-09RX
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CF-11

Quant Time: Mar 04 00:55:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 02 04:26:35 2023
 Response via : Initial Calibration

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

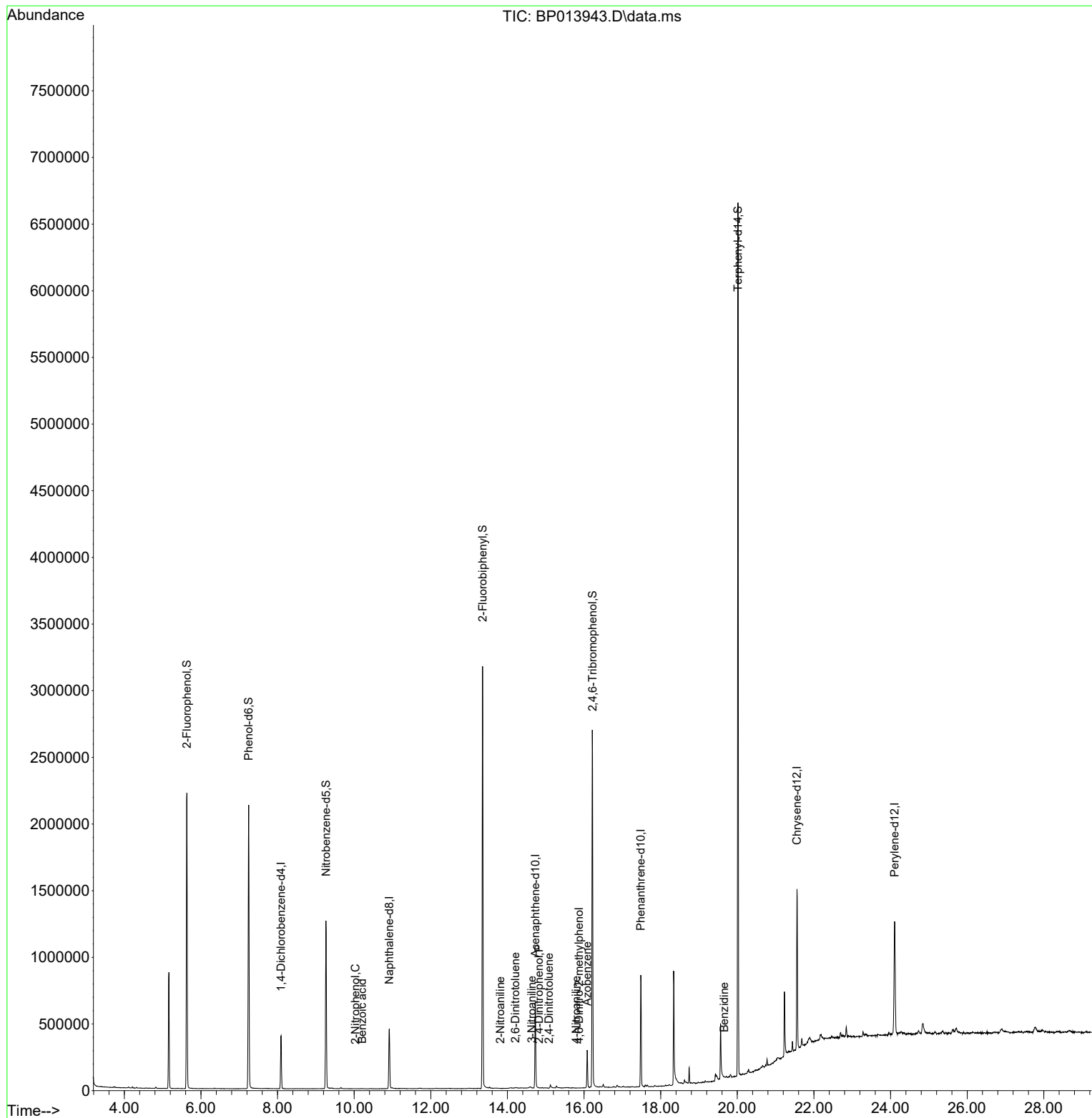
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	103885	20.000	ng	0.00
21) Naphthalene-d8	10.916	136	369108	20.000	ng	0.00
39) Acenaphthene-d10	14.727	164	227062	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	506862	20.000	ng	0.00
76) Chrysene-d12	21.556	240	609193	20.000	ng	#-0.01
86) Perylene-d12	24.103	264	718183	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	903212	143.292	ng	0.00
7) Phenol-d6	7.245	99	1131065	140.108	ng	0.00
23) Nitrobenzene-d5	9.263	82	724212	105.951	ng	0.00
42) 2,4,6-Tribromophenol	16.221	330	527400	159.563	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	1535640	88.831	ng	0.00
79) Terphenyl-d14	20.015	244	2905657	91.768	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.034	139	11	2.771	ng	# 49
32) Benzoic acid	10.204	122	138	5.104	ng	# 62
48) 2-Nitroaniline	13.816	65	108	3.255	ng	# 9
51) 2,6-Dinitrotoluene	14.210	165	128	2.018	ng	90
53) 3-Nitroaniline	14.633	138	18	2.012	ng	# 41
54) 2,4-Dinitrophenol	14.822	184	30	5.273	ng	96
57) 2,4-Dinitrotoluene	15.080	165	100	2.298	ng	# 41
62) 4-Nitroaniline	15.792	138	40	2.556	ng	# 64
63) Azobenzene	16.080	77	82707	5.074	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.869	198	16	4.628	ng	# 1
77) Benzidine	19.657	184	19	2.284	ng	# 1

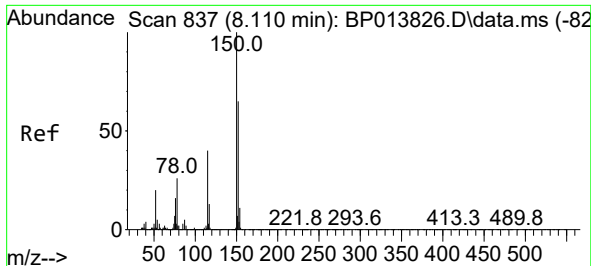
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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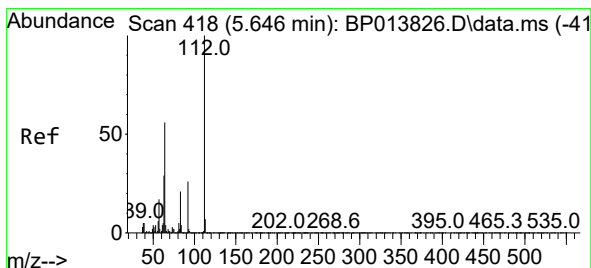
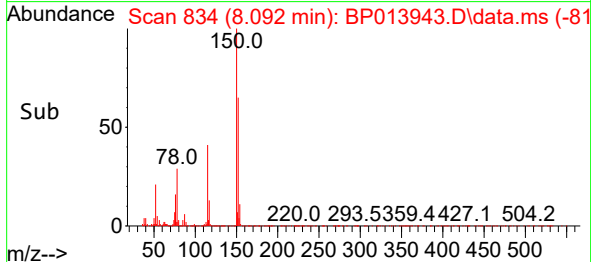
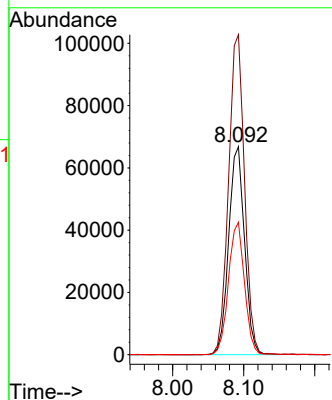
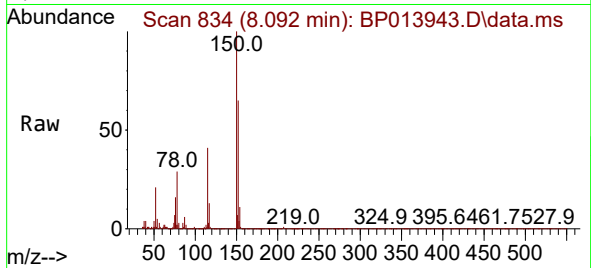




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.092 min Scan# 81
Delta R.T. -0.007 min
Lab File: BP013943.D
Acq: 03 Mar 2023 14:15

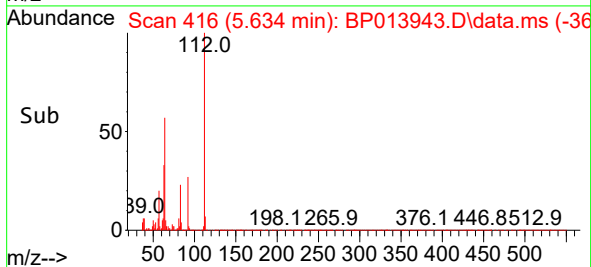
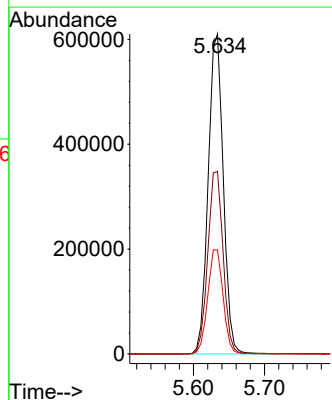
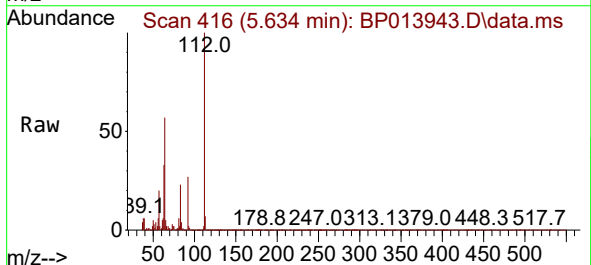
Instrument :
BNA_P
ClientSampleId :
CF-11

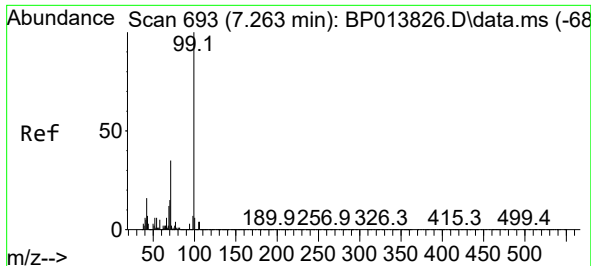
Tgt Ion:152 Resp: 103885
Ion Ratio Lower Upper
152 100
150 153.8 122.8 184.2
115 63.7 49.0 73.6



#5
2-Fluorophenol
Concen: 143.292 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP013943.D
Acq: 03 Mar 2023 14:15

Tgt Ion:112 Resp: 903212
Ion Ratio Lower Upper
112 100
64 57.1 44.6 66.8
63 32.5 23.6 35.4

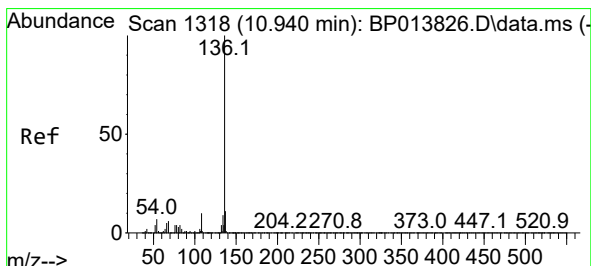
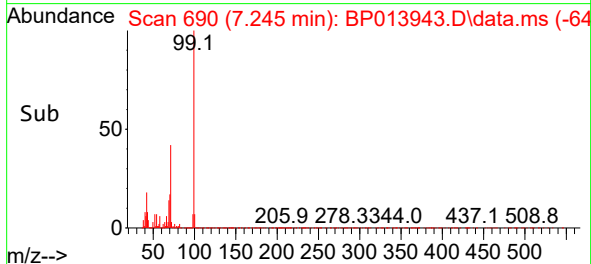
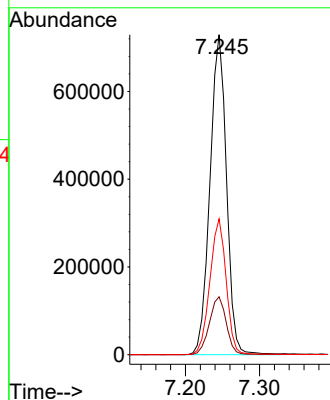
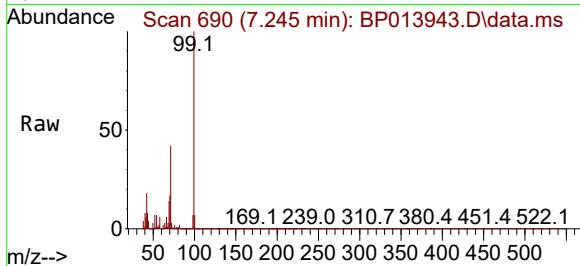




#7
Phenol-d6
Concen: 140.108 ng
RT: 7.245 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP013943.D
Acq: 03 Mar 2023 14:15

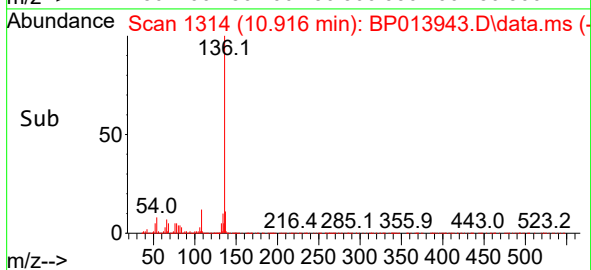
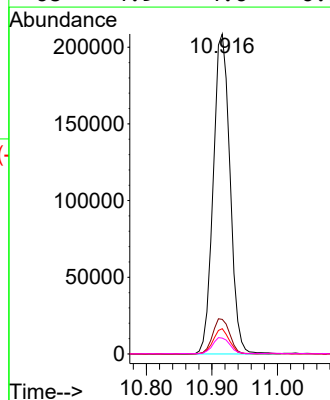
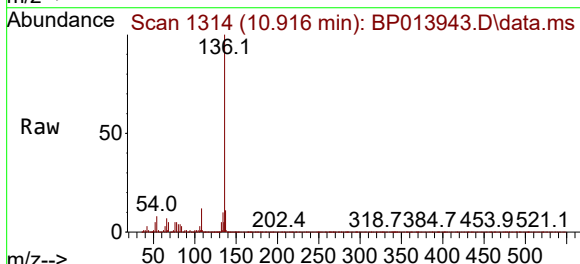
Instrument :
BNA_P
ClientSampleId :
CF-11

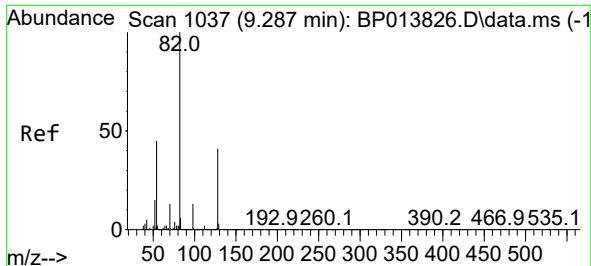
Tgt Ion: 99 Resp: 1131065
Ion Ratio Lower Upper
99 100
42 18.1 12.5 18.7
71 42.4 27.8 41.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP013943.D
Acq: 03 Mar 2023 14:15

Tgt Ion: 136 Resp: 369108
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.9 5.8 8.6
68 4.9 4.6 6.8

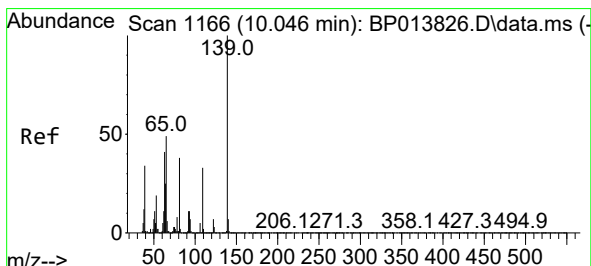
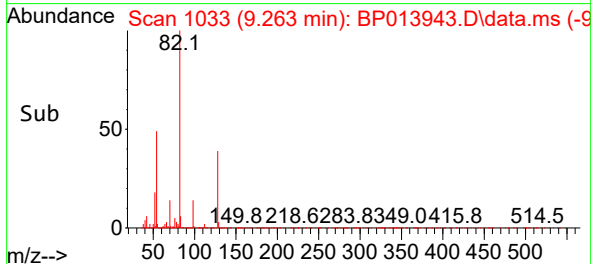
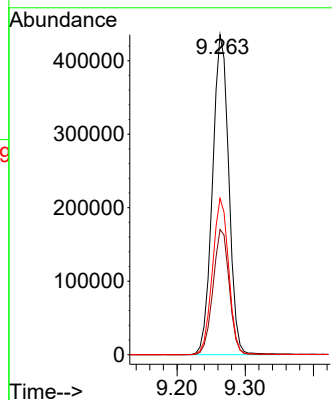
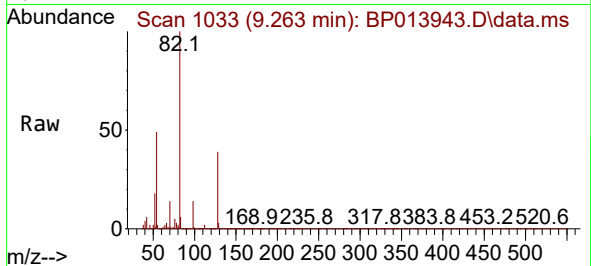




#23
Nitrobenzene-d5
Concen: 105.951 ng
RT: 9.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BP013943.D
Acq: 03 Mar 2023 14:15

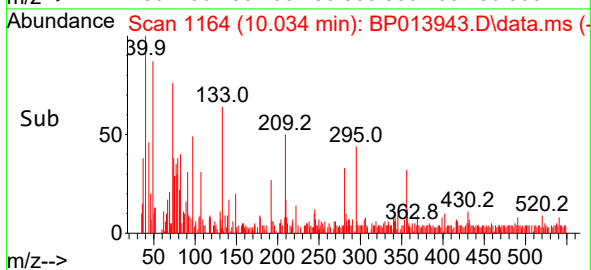
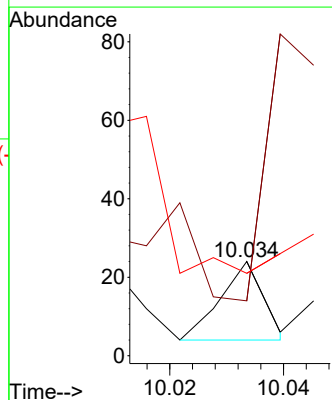
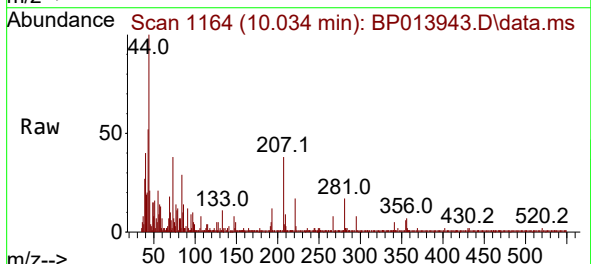
Instrument :
BNA_P
ClientSampleId :
CF-11

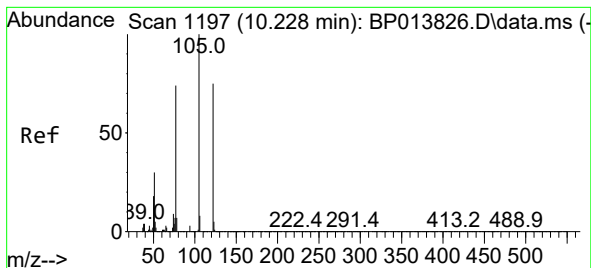
Tgt Ion: 82 Resp: 724212
Ion Ratio Lower Upper
82 100
128 39.1 32.9 49.3
54 48.9 35.6 53.4



#26
2-Nitrophenol
Concen: 2.771 ng
RT: 10.034 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BP013943.D
Acq: 03 Mar 2023 14:15

Tgt Ion:139 Resp: 11
Ion Ratio Lower Upper
139 100
109 58.3 26.7 40.1#
65 87.5 39.4 59.2#





#32

Benzoic acid

Concen: 5.104 ng

RT: 10.204 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BP013943.D

Acq: 03 Mar 2023 14:15

Instrument :

BNA_P

ClientSampleId :

CF-11

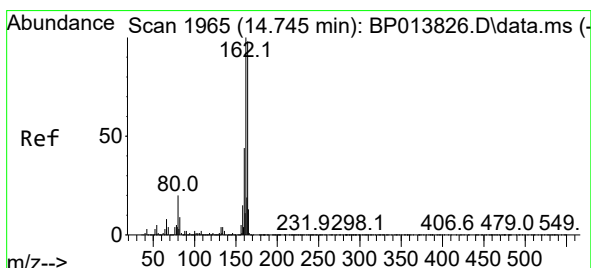
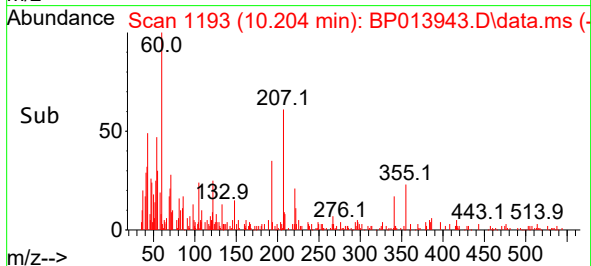
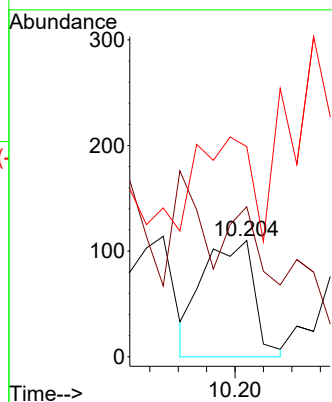
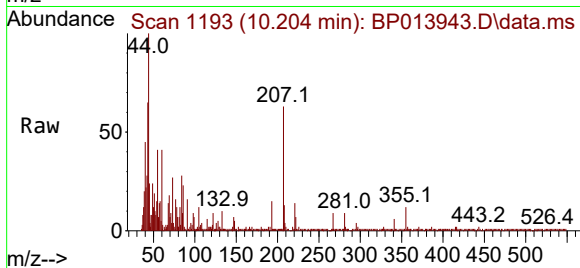
Tgt Ion:122 Resp: 138

Ion Ratio Lower Upper

122 100

105 129.1 107.4 147.4

77 180.9 76.0 116.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.727 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BP013943.D

Acq: 03 Mar 2023 14:15

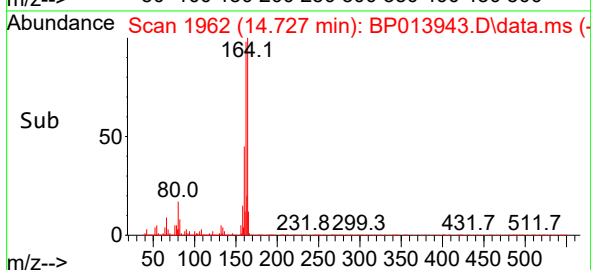
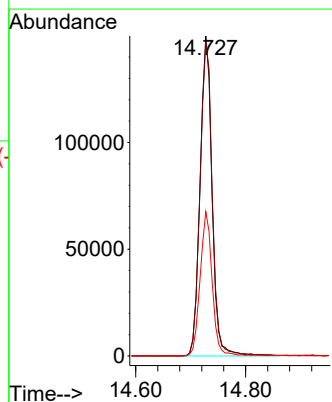
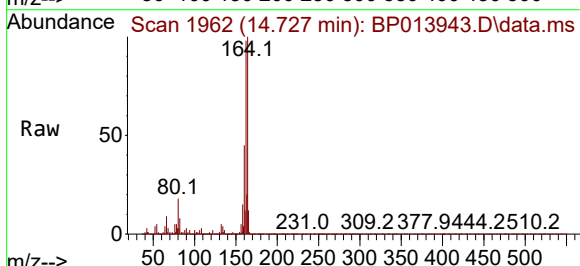
Tgt Ion:164 Resp: 227062

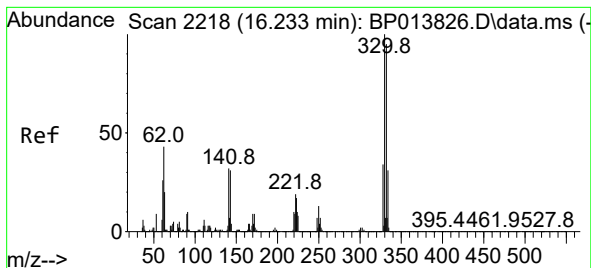
Ion Ratio Lower Upper

164 100

162 98.2 81.7 122.5

160 45.1 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 159.563 ng

RT: 16.221 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013943.D

Acq: 03 Mar 2023 14:15

Instrument :

BNA_P

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CF-11

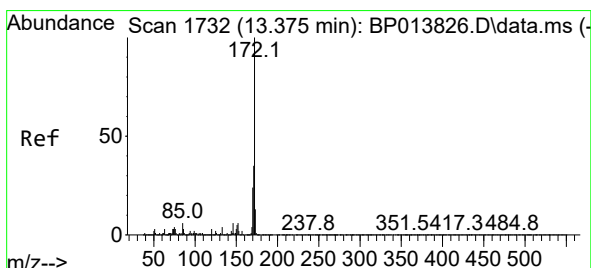
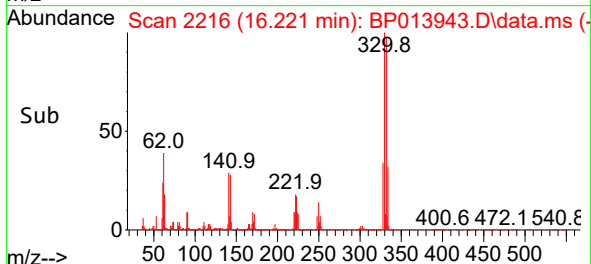
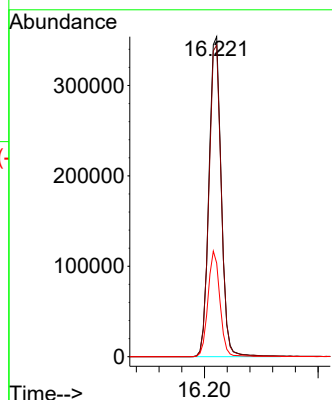
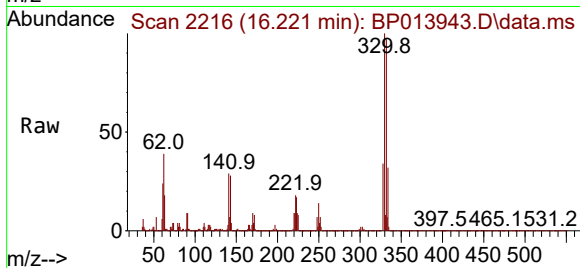
Tgt Ion:330 Resp: 527400

Ion Ratio Lower Upper

330 100

332 97.7 76.7 115.1

141 32.2 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 88.831 ng

RT: 13.351 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BP013943.D

Acq: 03 Mar 2023 14:15

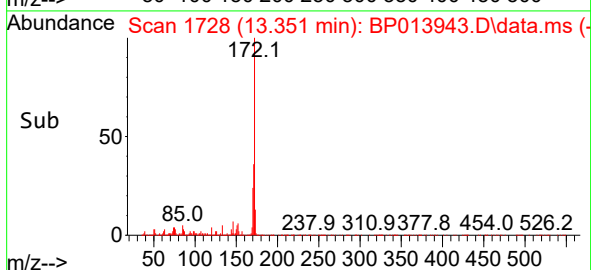
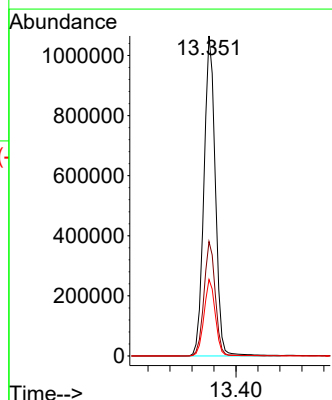
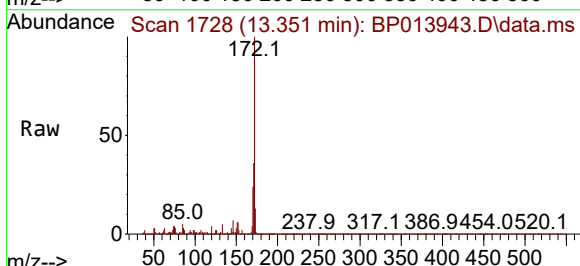
Tgt Ion:172 Resp: 1535640

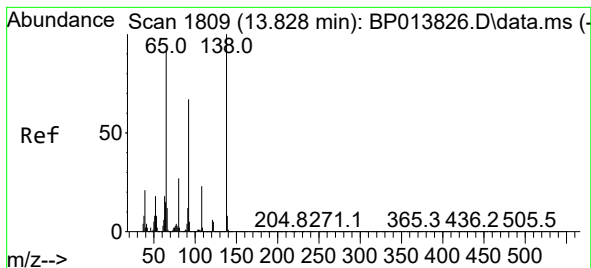
Ion Ratio Lower Upper

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171 35.7 28.2 42.4

170 23.9 19.0 28.4

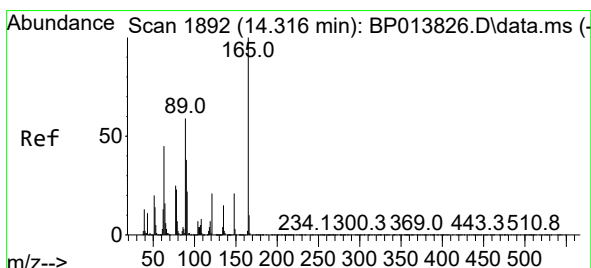
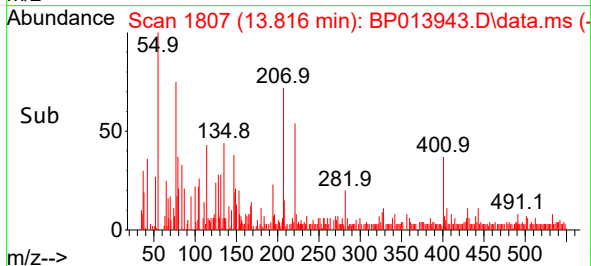
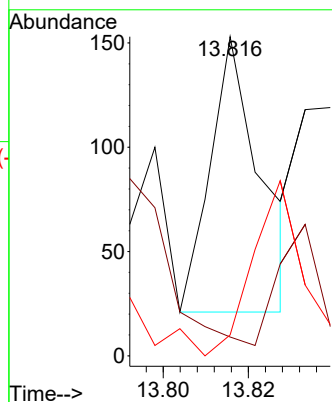
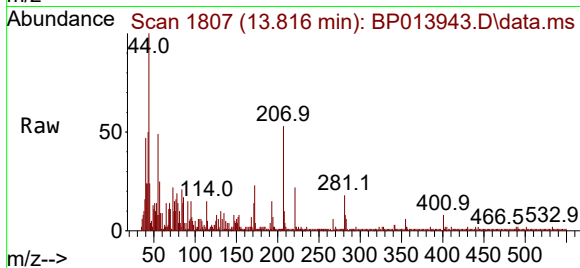




#48
2-Nitroaniline
Concen: 3.255 ng
RT: 13.816 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013943.D
Acq: 03 Mar 2023 14:15

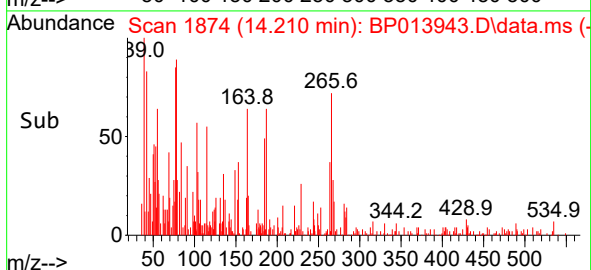
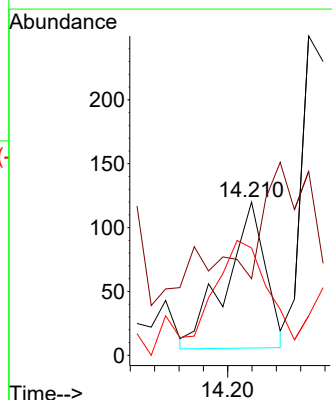
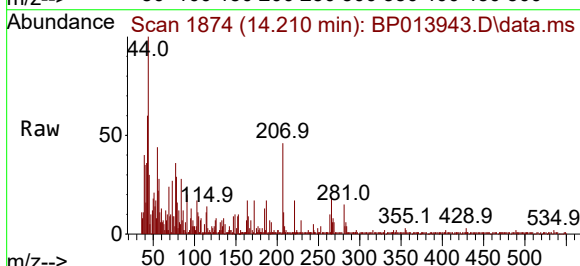
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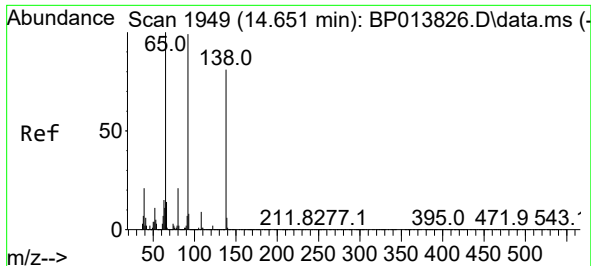
Tgt Ion: 65 Resp: 108
Ion Ratio Lower Upper
65 100
92 5.9 58.7 88.1#
138 6.5 87.3 130.9#



#51
2,6-Dinitrotoluene
Concen: 2.018 ng
RT: 14.210 min Scan# 1874
Delta R.T. -0.100 min
Lab File: BP013943.D
Acq: 03 Mar 2023 14:15

Tgt Ion: 165 Resp: 128
Ion Ratio Lower Upper
165 100
63 50.0 42.6 63.8
89 70.0 47.1 70.7

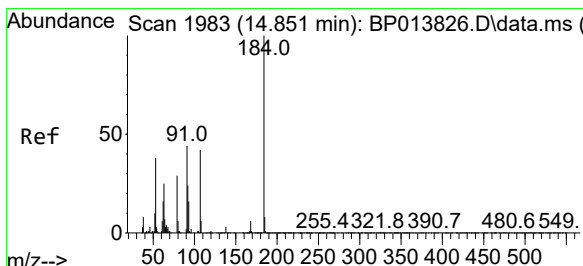
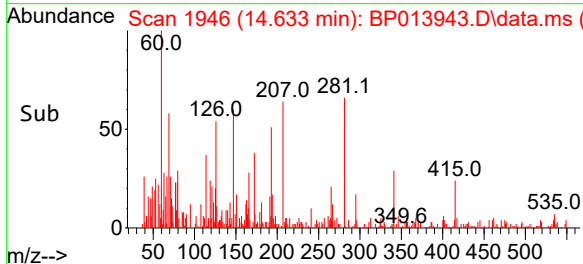
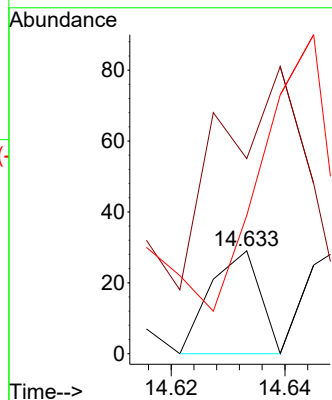
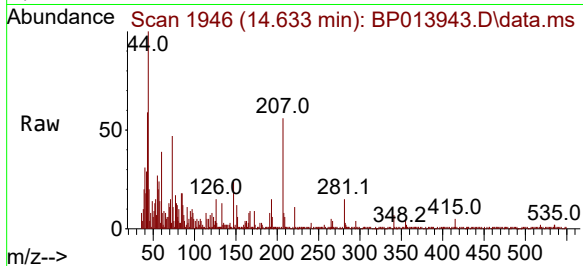




#53
3-Nitroaniline
Concen: 2.012 ng
RT: 14.633 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP013943.D
Acq: 03 Mar 2023 14:15

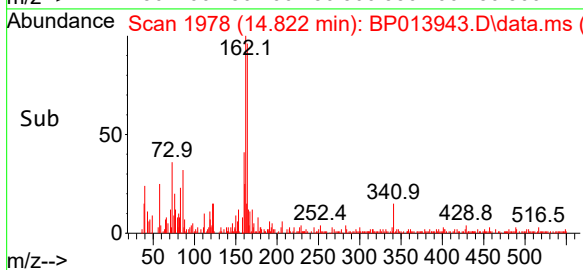
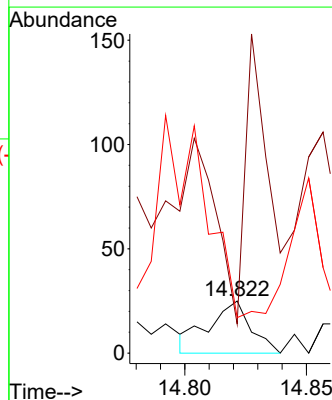
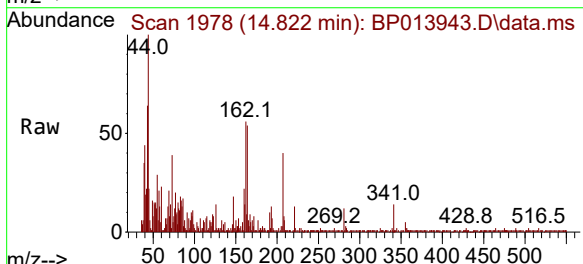
Instrument :
BNA_P
ClientSampleId :
CF-11

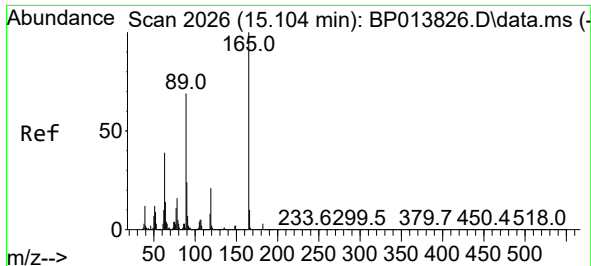
Tgt Ion:138 Resp: 18
Ion Ratio Lower Upper
138 100
108 227.6 9.0 13.4#
92 134.5 97.1 145.7



#54
2,4-Dinitrophenol
Concen: 5.273 ng
RT: 14.822 min Scan# 1978
Delta R.T. -0.018 min
Lab File: BP013943.D
Acq: 03 Mar 2023 14:15

Tgt Ion:184 Resp: 30
Ion Ratio Lower Upper
184 100
63 56.0 47.0 70.4
154 68.0 51.5 77.3





#57

2,4-Dinitrotoluene

Concen: 2.298 ng

RT: 15.080 min Scan# 20

Delta R.T. -0.012 min

Lab File: BP013943.D

Acq: 03 Mar 2023 14:15

Instrument :

BNA_P

ClientSampleId :

CF-11

Tgt Ion:165 Resp: 100

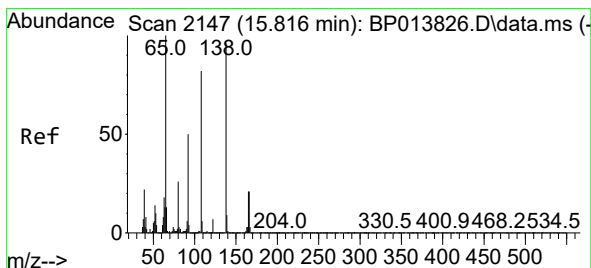
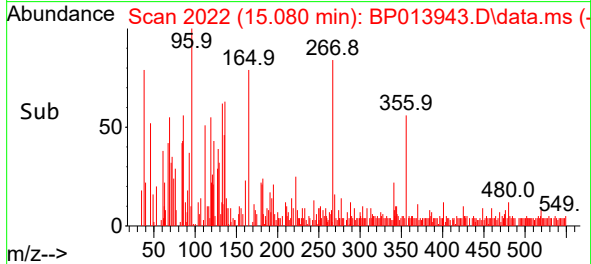
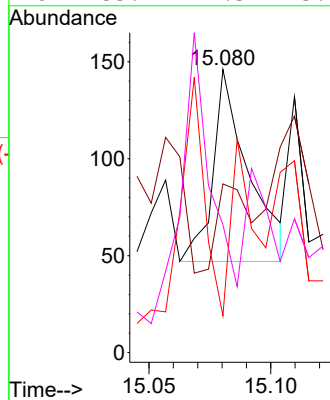
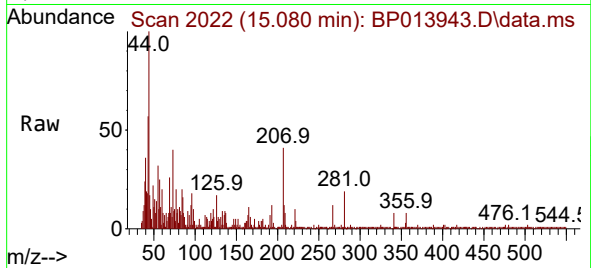
Ion Ratio Lower Upper

165 100

63 59.6 31.1 46.7#

89 13.0 54.9 82.3#

182 53.4 2.5 3.7#



#62

4-Nitroaniline

Concen: 2.556 ng

RT: 15.792 min Scan# 2143

Delta R.T. -0.012 min

Lab File: BP013943.D

Acq: 03 Mar 2023 14:15

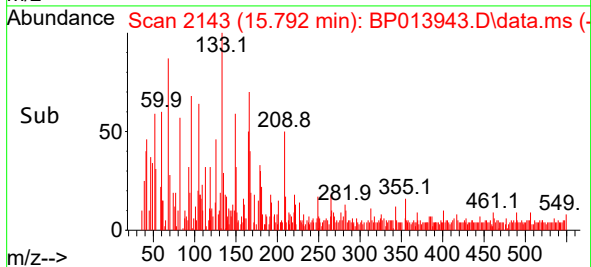
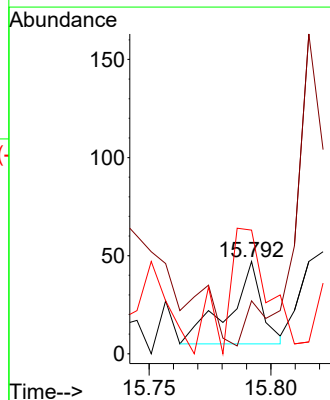
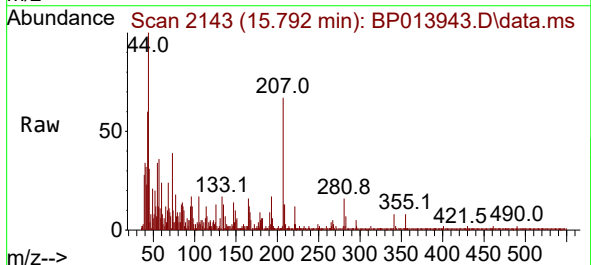
Tgt Ion:138 Resp: 40

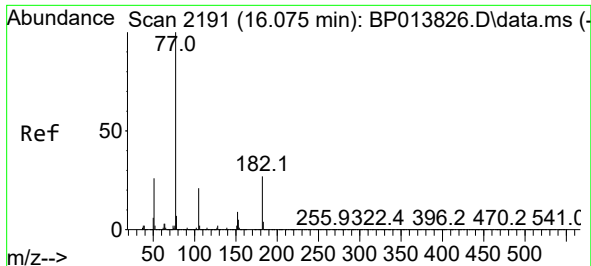
Ion Ratio Lower Upper

138 100

92 57.4 32.0 72.0

108 134.0 65.6 105.6#

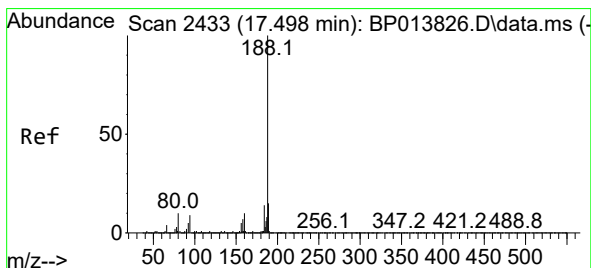
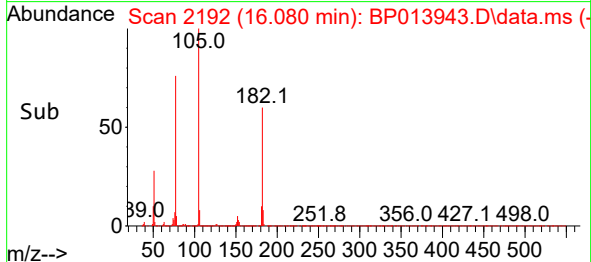
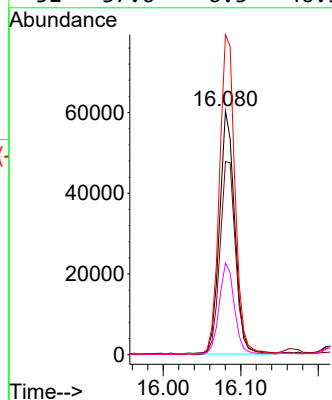
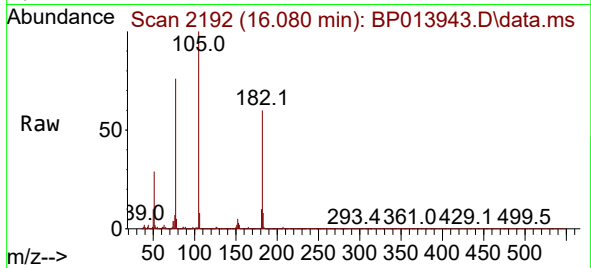




#63
Azobenzene
Concen: 5.074 ng
RT: 16.080 min Scan# 2191
Delta R.T. 0.017 min
Lab File: BP013943.D
Acq: 03 Mar 2023 14:15

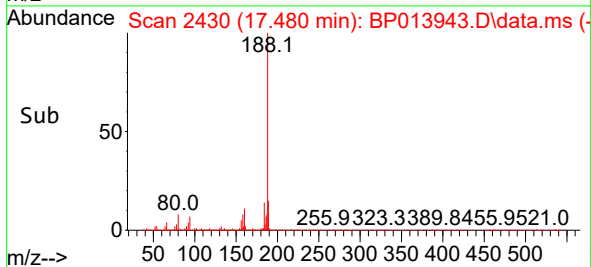
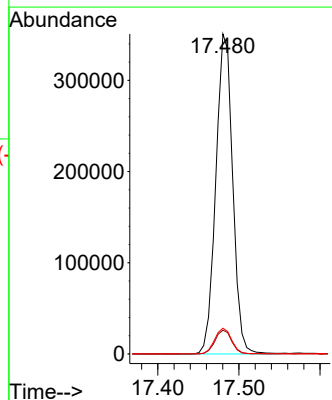
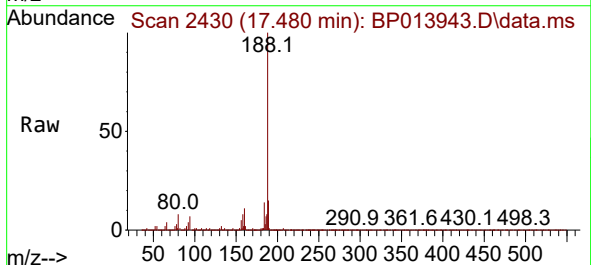
Instrument :
BNA_P
ClientSampleId :
CF-11

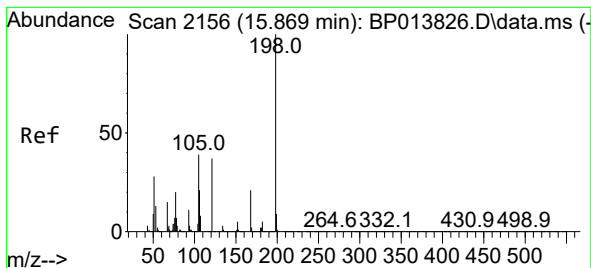
Tgt Ion: 77 Resp: 82707
Ion Ratio Lower Upper
77 100
182 79.2 6.9 46.9#
105 131.3 1.1 41.1#
51 37.6 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BP013943.D
Acq: 03 Mar 2023 14:15

Tgt Ion: 188 Resp: 506862
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 8.1 7.8 11.8

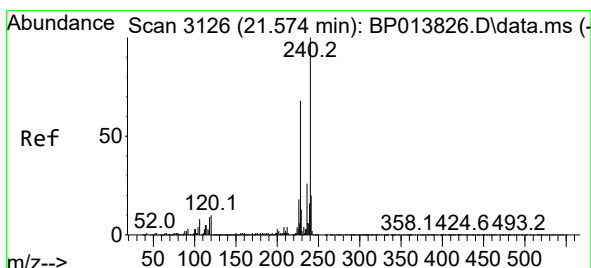
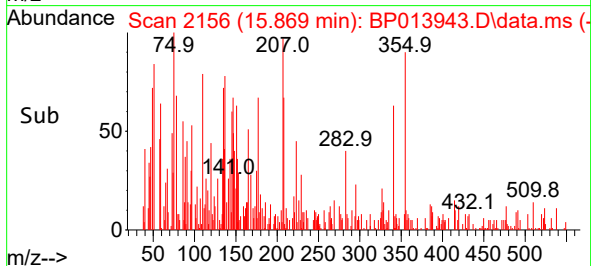
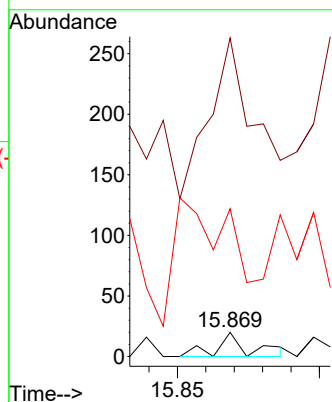
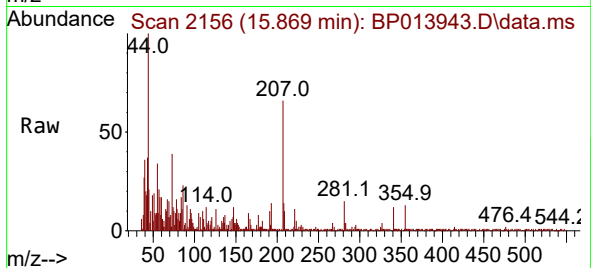




#65
4,6-Dinitro-2-methylphenol
Concen: 4.628 ng
RT: 15.869 min Scan# 2156
Delta R.T. 0.011 min
Lab File: BP013943.D
Acq: 03 Mar 2023 14:15

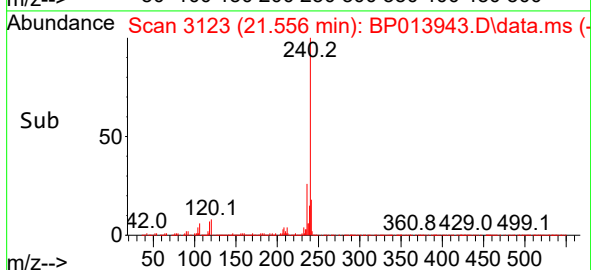
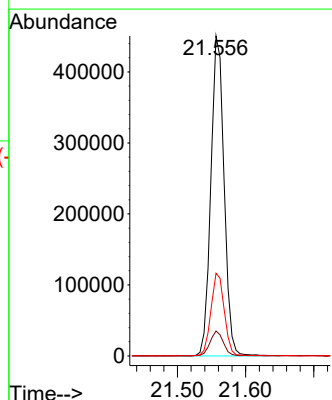
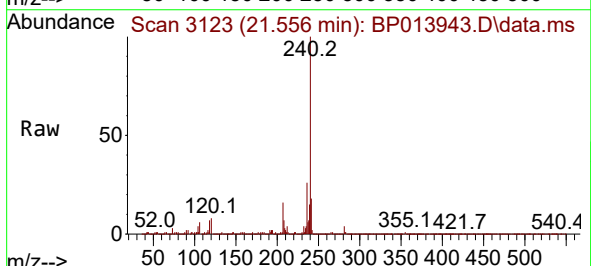
Instrument :
BNA_P
ClientSampleId :
CF-11

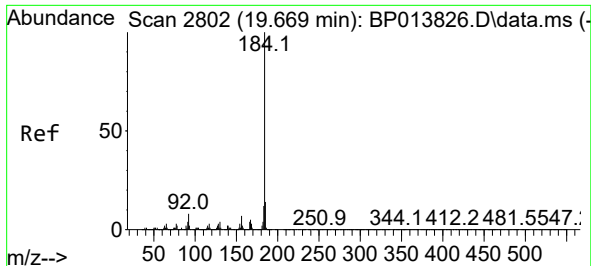
Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
51 1315.0 14.3 54.3#
105 610.0 20.5 60.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.556 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BP013943.D
Acq: 03 Mar 2023 14:15

Tgt Ion:240 Resp: 609193
Ion Ratio Lower Upper
240 100
120 7.8 7.9 11.9#
236 25.9 20.9 31.3

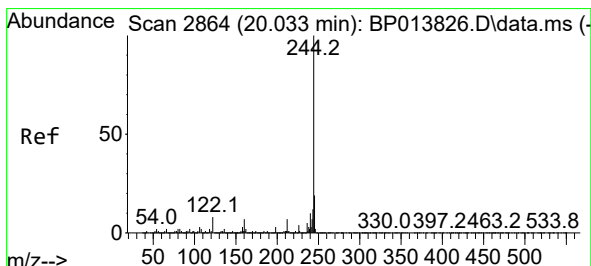
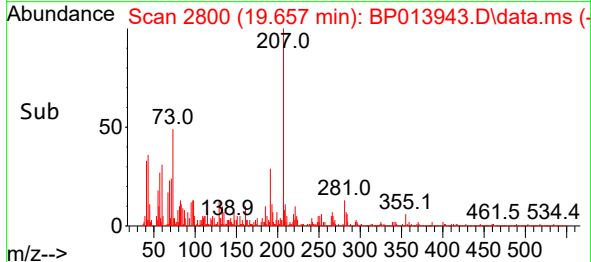
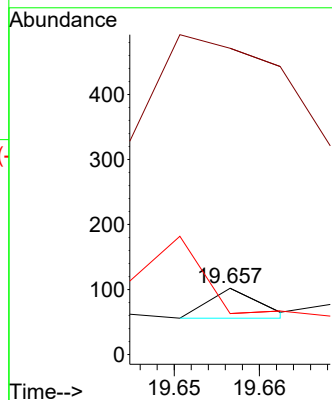
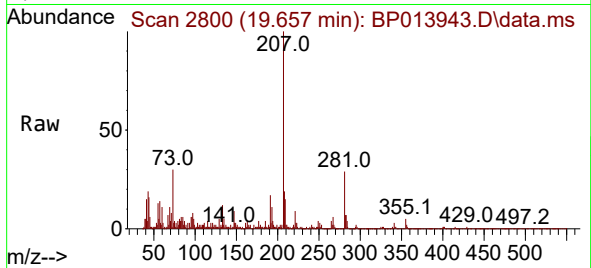




#77
Benzidine
Concen: 2.284 ng
RT: 19.657 min Scan# 2800
Delta R.T. -0.000 min
Lab File: BP013943.D
Acq: 03 Mar 2023 14:15

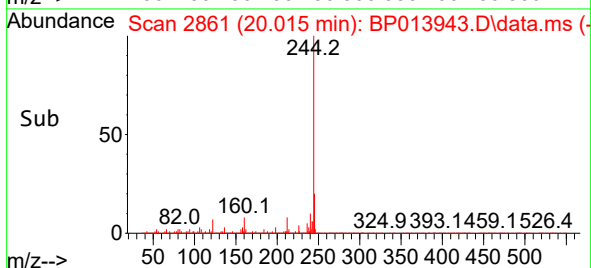
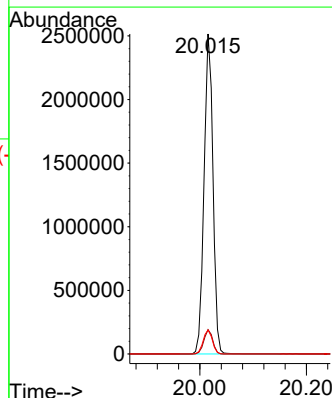
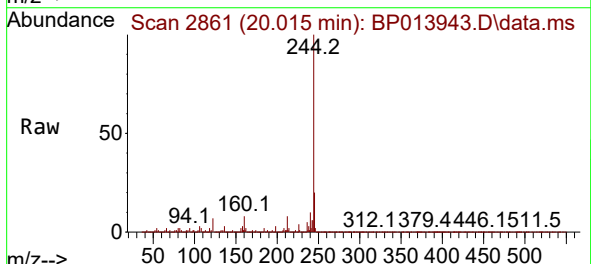
Instrument :
BNA_P
ClientSampleId :
CF-11

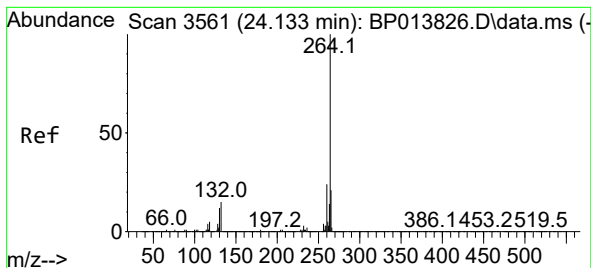
Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
185 461.8 11.4 17.0#
183 61.8 9.6 14.4#



#79
Terphenyl-d14
Concen: 91.768 ng
RT: 20.015 min Scan# 2861
Delta R.T. -0.006 min
Lab File: BP013943.D
Acq: 03 Mar 2023 14:15

Tgt Ion:244 Resp: 2905657
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 7.5 6.7 10.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.103 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP013943.D

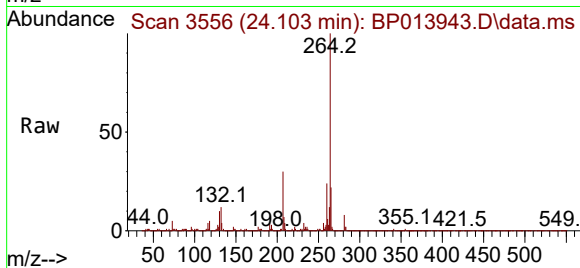
Acq: 03 Mar 2023 14:15

Instrument :

BNA_P

ClientSampleId :

CF-11



Tgt Ion:264 Resp: 718183

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 22.1 17.6 26.4

