

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
 Data File : BP013930.D
 Acq On : 02 Mar 2023 19:40
 Operator : CG/JU
 Sample : 01749-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CF-3

Quant Time: Mar 03 02:39:52 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)

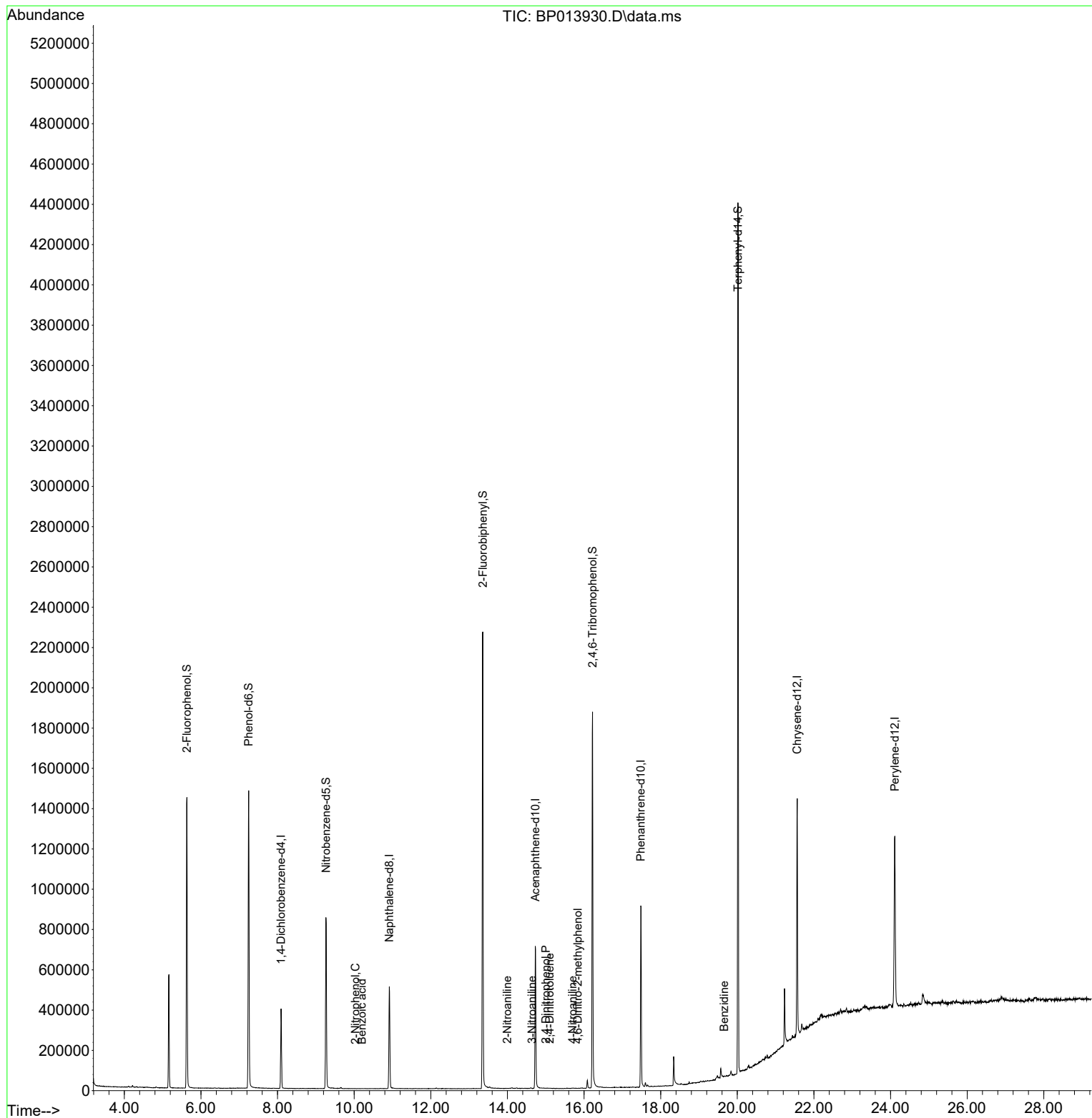
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	103488	20.000	ng	0.00
21) Naphthalene-d8	10.916	136	413857	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	254515	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	551060	20.000	ng	# 0.00
76) Chrysene-d12	21.563	240	591469	20.000	ng	# 0.00
86) Perylene-d12	24.109	264	715451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	599798	95.521	ng	0.00
7) Phenol-d6	7.246	99	821532	102.156	ng	0.00
23) Nitrobenzene-d5	9.263	82	509195	66.440	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	364898	98.491	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	1170323	60.397	ng	0.00
79) Terphenyl-d14	20.016	244	1994279	64.872	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.034	139	12	2.771	ng	# 51
32) Benzoic acid	10.198	122	6	5.076	ng	# 1
48) 2-Nitroaniline	13.998	65	35	3.237	ng	91
53) 3-Nitroaniline	14.639	138	10	2.010	ng	# 1
54) 2,4-Dinitrophenol	15.004	184	13	5.266	ng	89
57) 2,4-Dinitrotoluene	15.104	165	115	2.299	ng	# 61
62) 4-Nitroaniline	15.698	138	6	2.548	ng	89
65) 4,6-Dinitro-2-methylph...	15.833	198	10	4.626	ng	# 1
77) Benzidine	19.657	184	33	2.285	ng	# 1

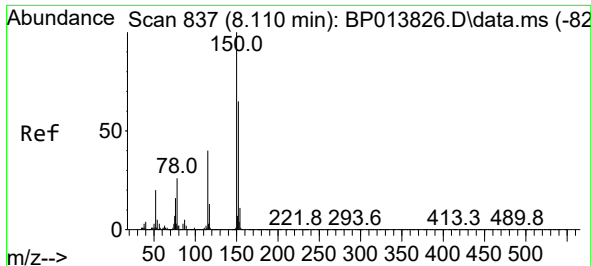
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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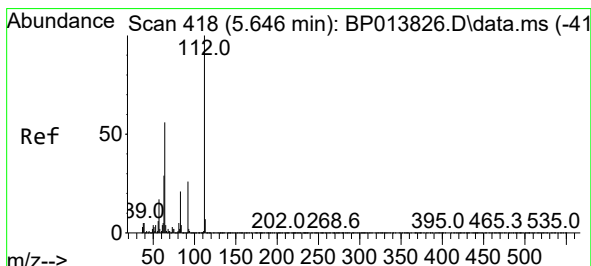
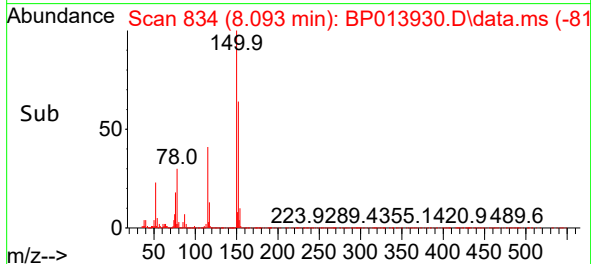
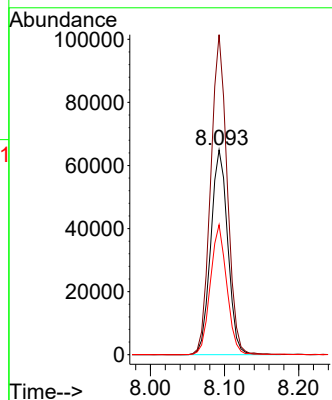
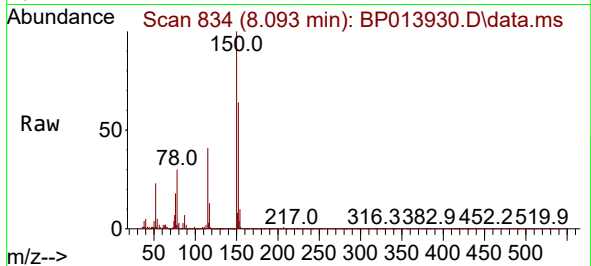




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013930.D
Acq: 02 Mar 2023 19:40

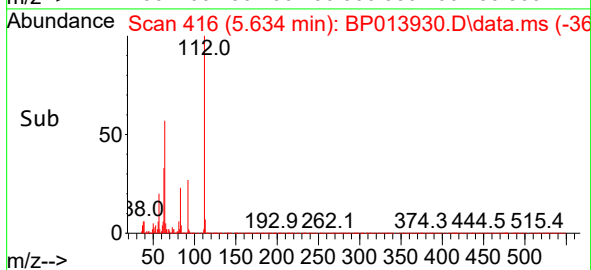
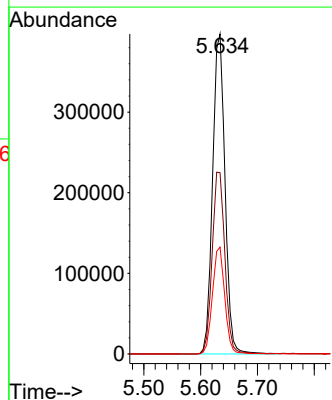
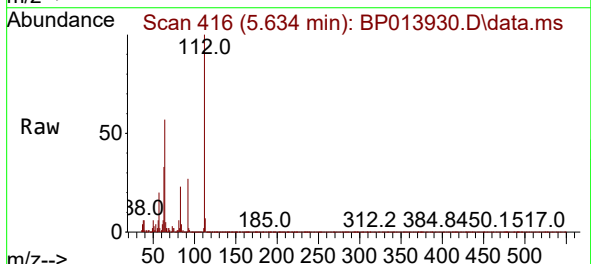
Instrument :
BNA_P
ClientSampleId :
CF-3

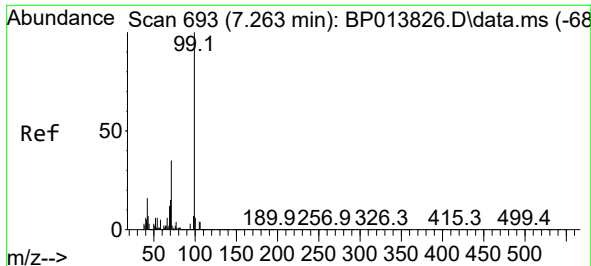
Tgt Ion:152 Resp: 103488
Ion Ratio Lower Upper
152 100
150 156.2 122.8 184.2
115 63.4 49.0 73.6



#5
2-Fluorophenol
Concen: 95.521 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP013930.D
Acq: 02 Mar 2023 19:40

Tgt Ion:112 Resp: 599798
Ion Ratio Lower Upper
112 100
64 56.7 44.6 66.8
63 33.4 23.6 35.4

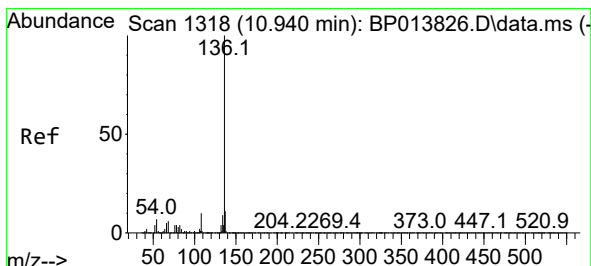
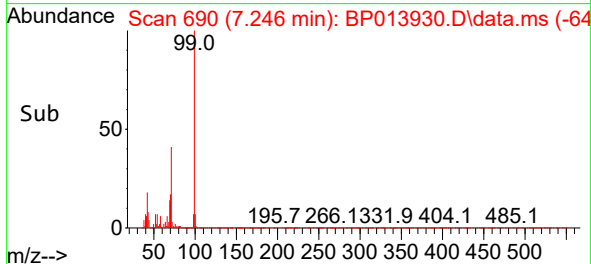
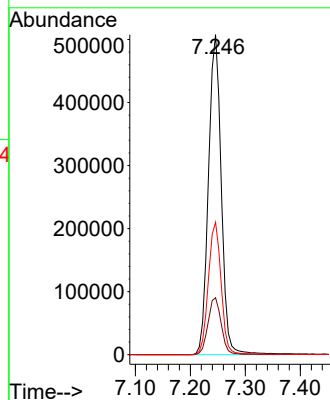
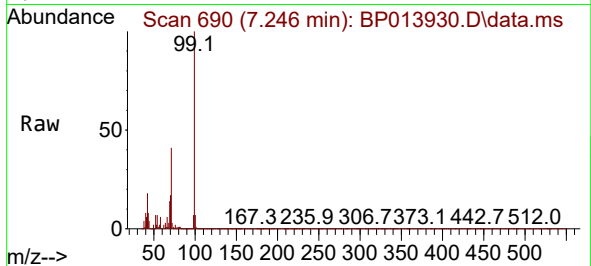




#7
Phenol-d6
Concen: 102.156 ng
RT: 7.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP013930.D
Acq: 02 Mar 2023 19:40

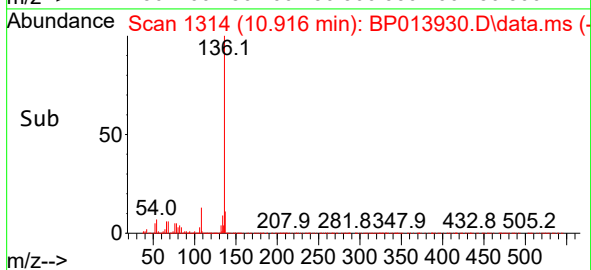
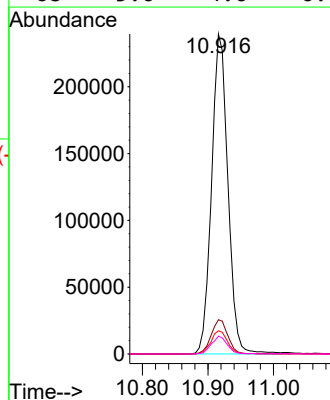
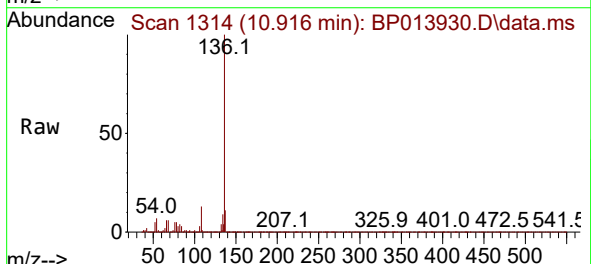
Instrument :
BNA_P
ClientSampleId :
CF-3

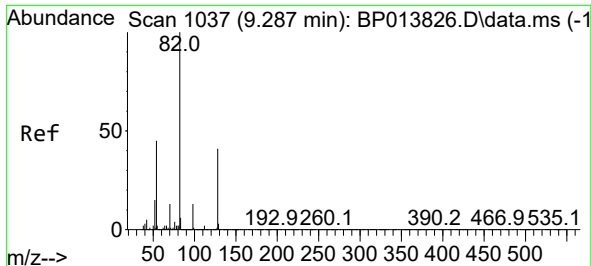
Tgt Ion: 99	Resp: 821532
Ion Ratio	Lower Upper
99 100	
42 17.8	12.5 18.7
71 41.4	27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP013930.D
Acq: 02 Mar 2023 19:40

Tgt	Ion:136	Resp:	413857
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.3	5.8	8.6
68	5.6	4.6	6.8

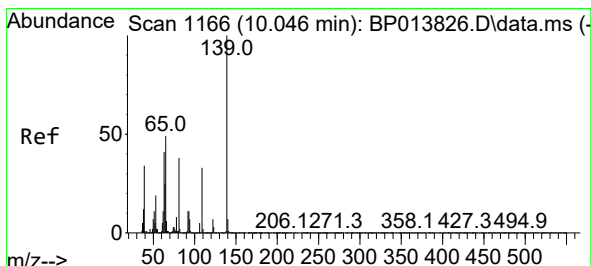
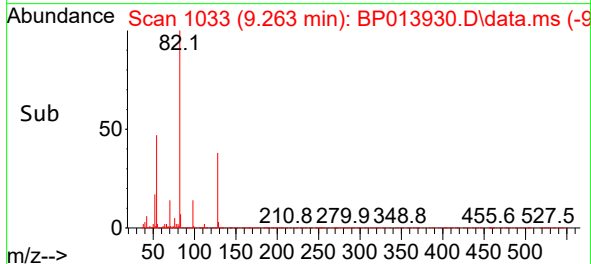
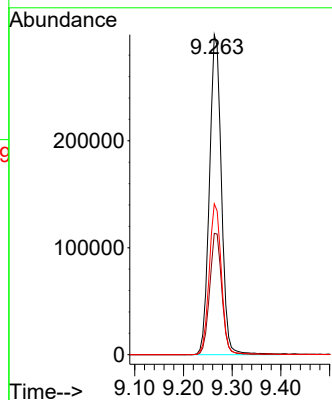
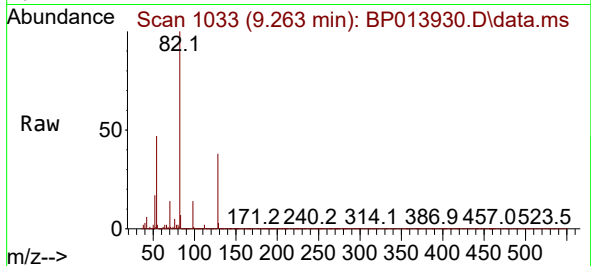




#23
Nitrobenzene-d5
Concen: 66.440 ng
RT: 9.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BP013930.D
Acq: 02 Mar 2023 19:40

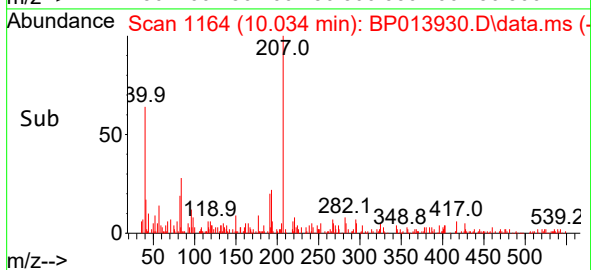
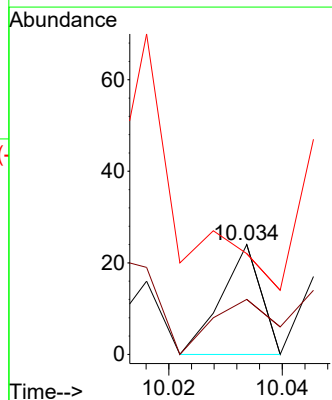
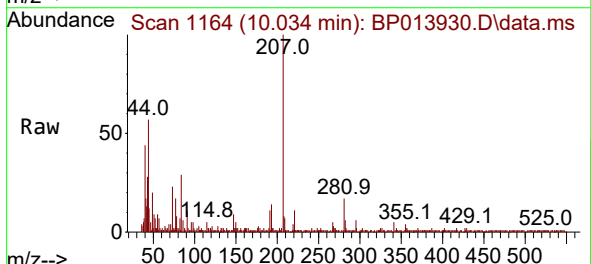
Instrument :
BNA_P
ClientSampleId :
CF-3

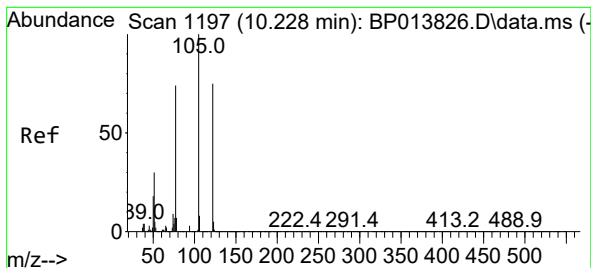
Tgt Ion: 82 Resp: 509195
Ion Ratio Lower Upper
82 100
128 37.9 32.9 49.3
54 47.1 35.6 53.4



#26
2-Nitrophenol
Concen: 2.771 ng
RT: 10.034 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BP013930.D
Acq: 02 Mar 2023 19:40

Tgt Ion:139 Resp: 12
Ion Ratio Lower Upper
139 100
109 50.0 26.7 40.1#
65 91.7 39.4 59.2#





#32

Benzoic acid

Concen: 5.076 ng

RT: 10.198 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BP013930.D

Acq: 02 Mar 2023 19:40

Instrument :

BNA_P

ClientSampleId :

CF-3

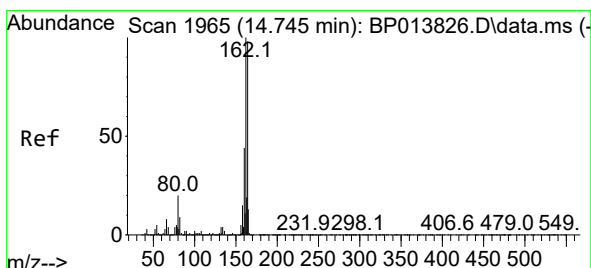
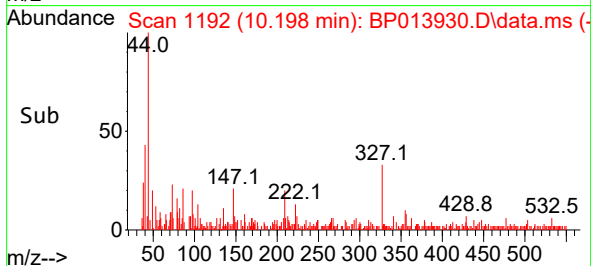
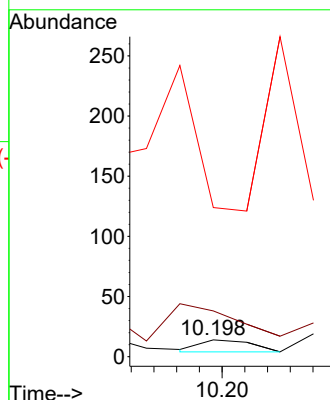
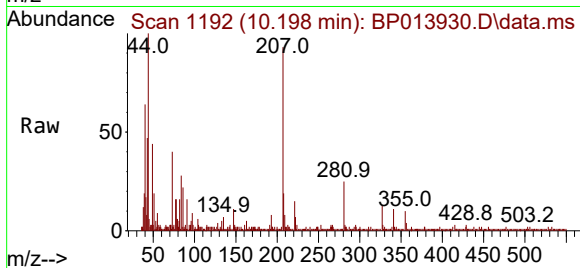
Tgt Ion:122 Resp: 6

Ion Ratio Lower Upper

122 100

105 271.4 107.4 147.4#

77 885.7 76.0 116.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.728 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BP013930.D

Acq: 02 Mar 2023 19:40

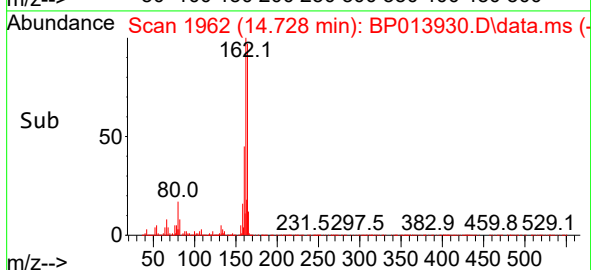
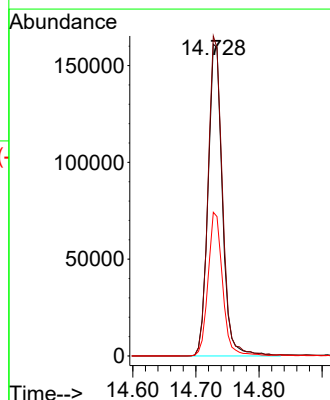
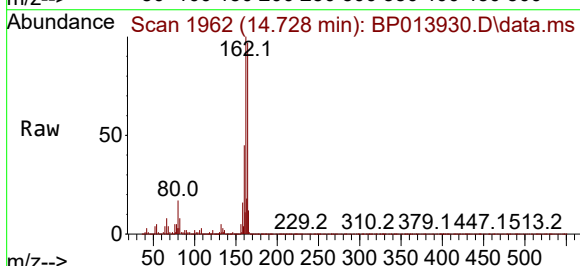
Tgt Ion:164 Resp: 254515

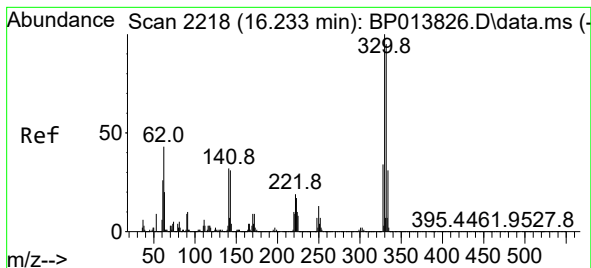
Ion Ratio Lower Upper

164 100

162 102.6 81.7 122.5

160 46.1 36.1 54.1

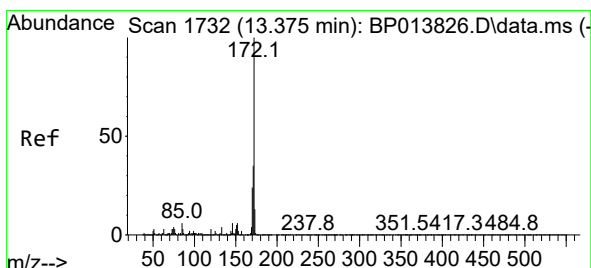
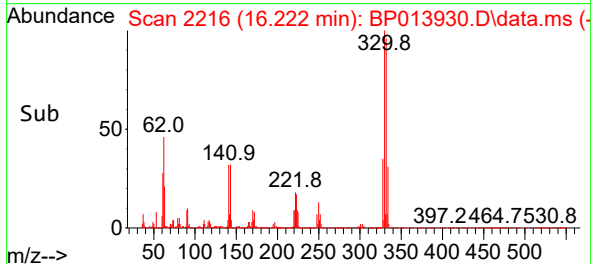
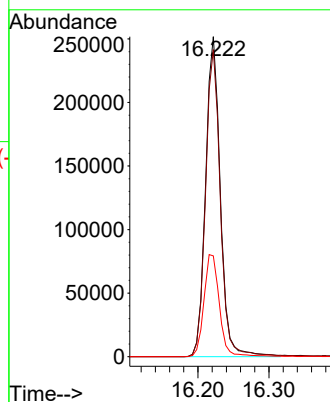
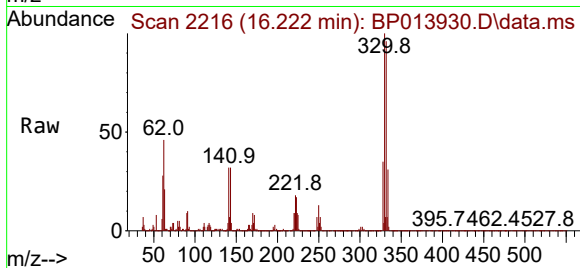




#42
2,4,6-Tribromophenol
Concen: 98.491 ng
RT: 16.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013930.D
Acq: 02 Mar 2023 19:40

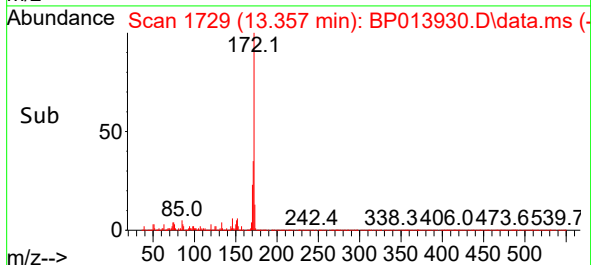
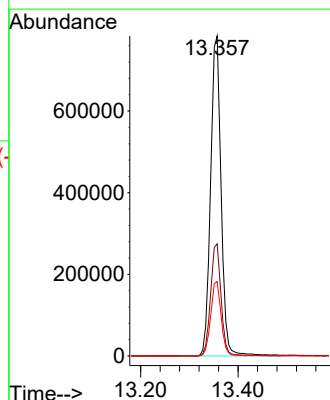
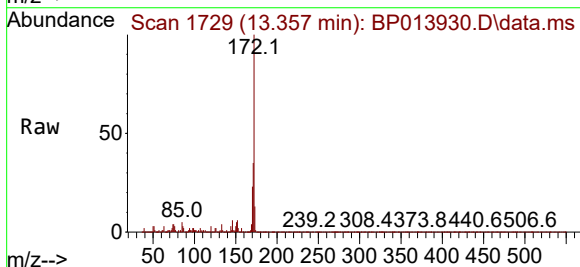
Instrument :
BNA_P
ClientSampleId :
CF-3

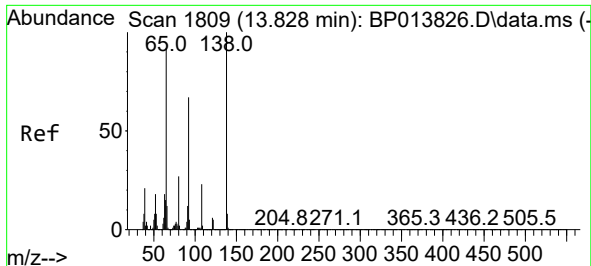
Tgt Ion:330 Resp: 364898
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 33.6 25.1 37.7



#45
2-Fluorobiphenyl
Concen: 60.397 ng
RT: 13.357 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BP013930.D
Acq: 02 Mar 2023 19:40

Tgt Ion:172 Resp: 1170323
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.3 19.0 28.4

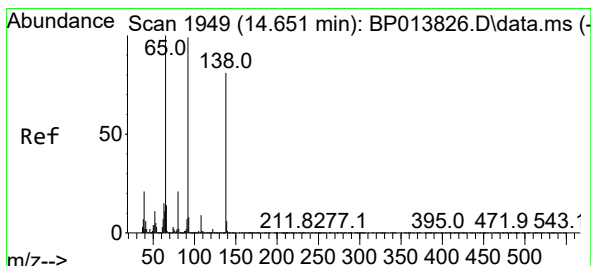
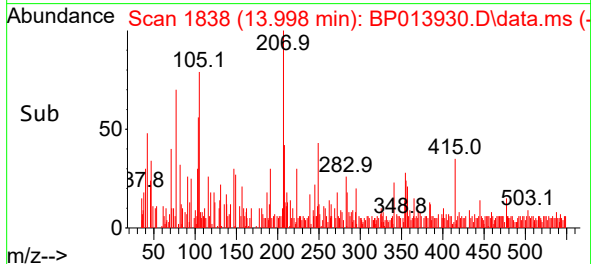
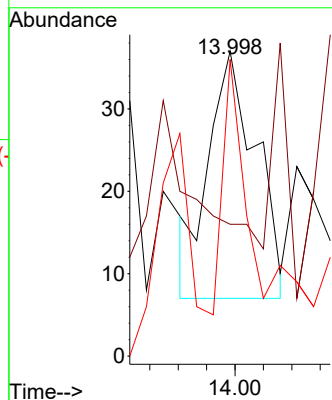
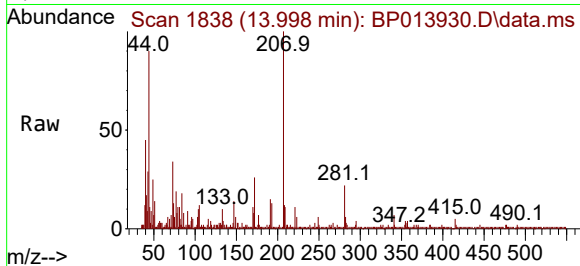




#48
2-Nitroaniline
Concen: 3.237 ng
RT: 13.998 min Scan# 11
Delta R.T. 0.182 min
Lab File: BP013930.D
Acq: 02 Mar 2023 19:40

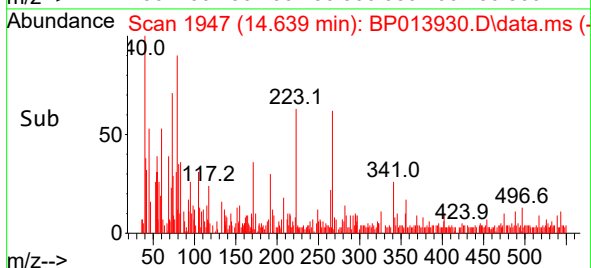
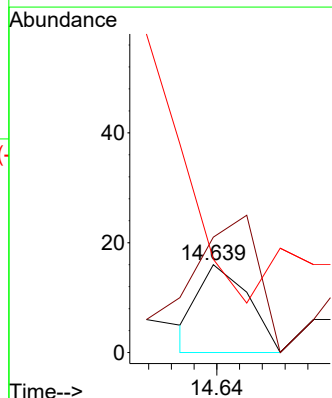
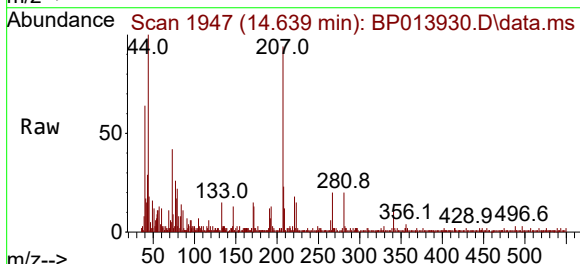
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BNA_P
ClientSampleId :
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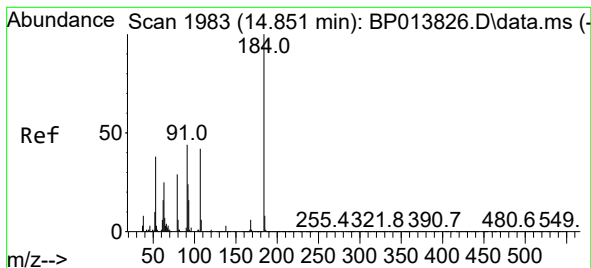
Tgt Ion: 65 Resp: 35
Ion Ratio Lower Upper
65 100
92 67.6 58.7 88.1
138 97.3 87.3 130.9



#53
3-Nitroaniline
Concen: 2.010 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BP013930.D
Acq: 02 Mar 2023 19:40

Tgt Ion: 138 Resp: 10
Ion Ratio Lower Upper
138 100
108 131.3 9.0 13.4#
92 331.3 97.1 145.7#





#54

2,4-Dinitrophenol

Concen: 5.266 ng

RT: 15.004 min Scan# 2009

Delta R.T. 0.165 min

Lab File: BP013930.D

Acq: 02 Mar 2023 19:40

Instrument :

BNA_P

ClientSampleId :

CF-3

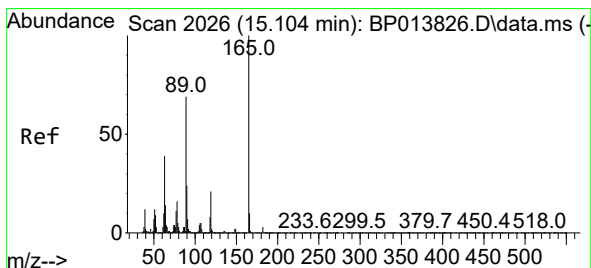
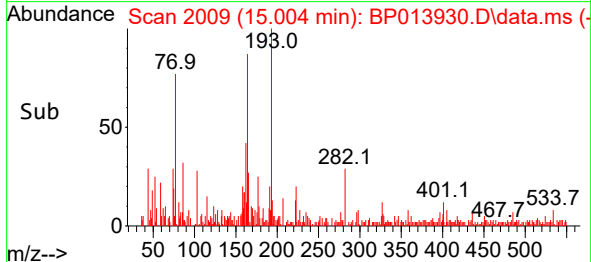
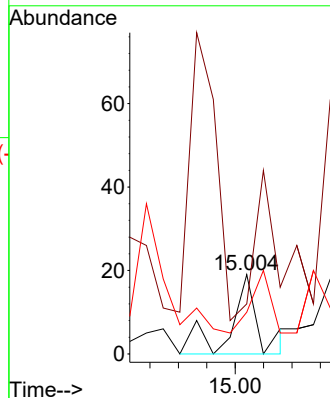
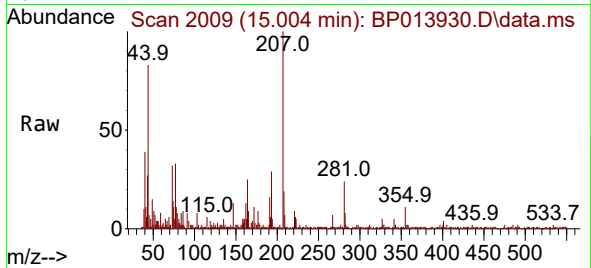
Tgt Ion:184 Resp: 13

Ion Ratio Lower Upper

184 100

63 63.2 47.0 70.4

154 52.6 51.5 77.3



#57

2,4-Dinitrotoluene

Concen: 2.299 ng

RT: 15.104 min Scan# 2026

Delta R.T. 0.012 min

Lab File: BP013930.D

Acq: 02 Mar 2023 19:40

Tgt Ion:165 Resp: 115

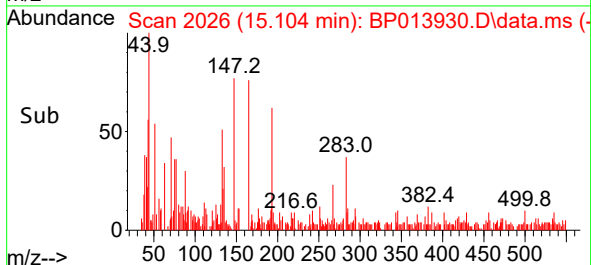
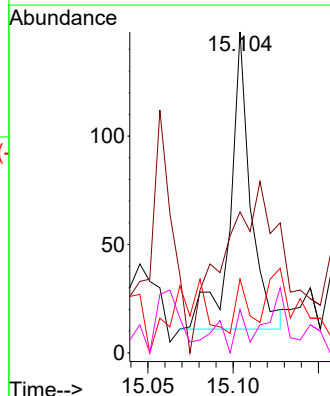
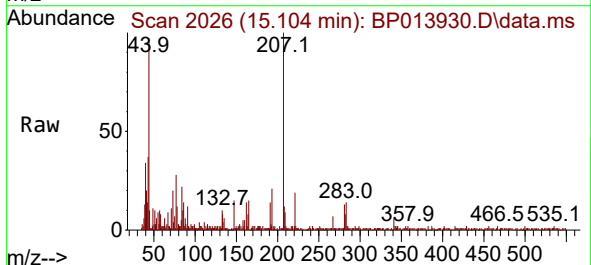
Ion Ratio Lower Upper

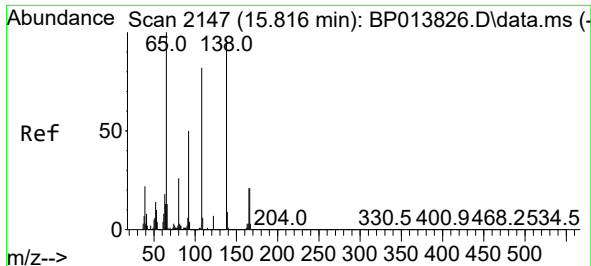
165 100

63 43.9 31.1 46.7

89 23.0 54.9 82.3#

182 13.5 2.5 3.7#

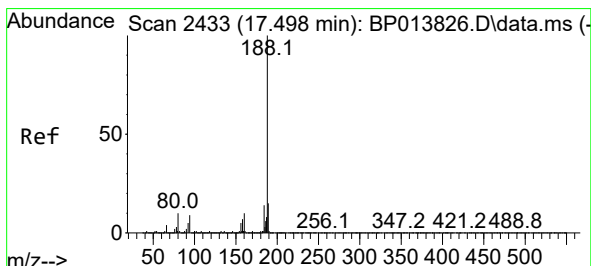
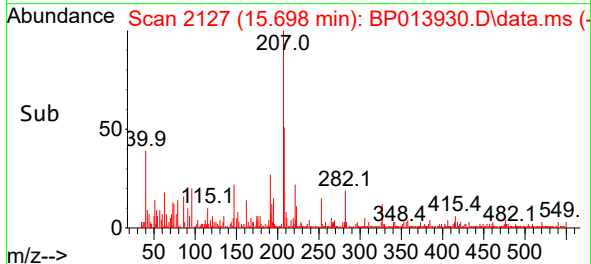
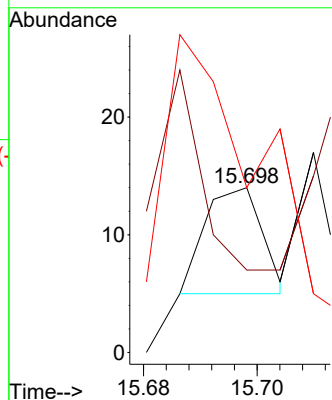
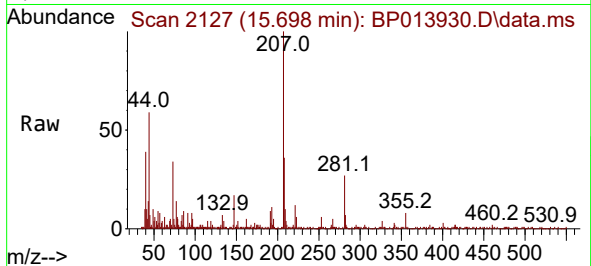




#62
4-Nitroaniline
Concen: 2.548 ng
RT: 15.698 min Scan# 2147
Delta R.T. -0.106 min
Lab File: BP013930.D
Acq: 02 Mar 2023 19:40

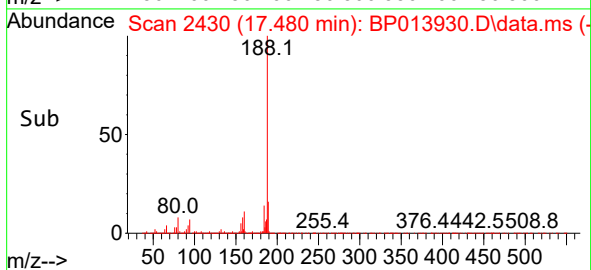
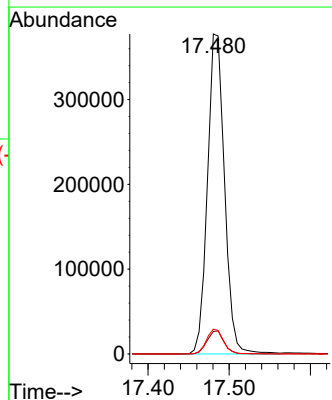
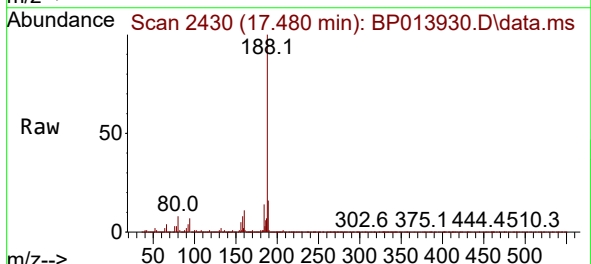
Instrument :
BNA_P
ClientSampleId :
CF-3

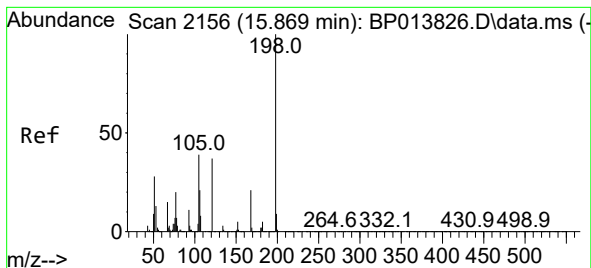
Tgt Ion:138	Resp:	6
Ion Ratio	Lower	Upper
138	100	
92	50.0	32.0 72.0
108	100.0	65.6 105.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BP013930.D
Acq: 02 Mar 2023 19:40

Tgt Ion:188	Resp:	551060
Ion Ratio	Lower	Upper
188	100	
94	7.0	7.0 10.6#
80	7.7	7.8 11.8#

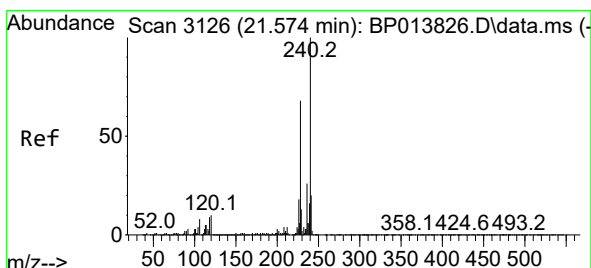
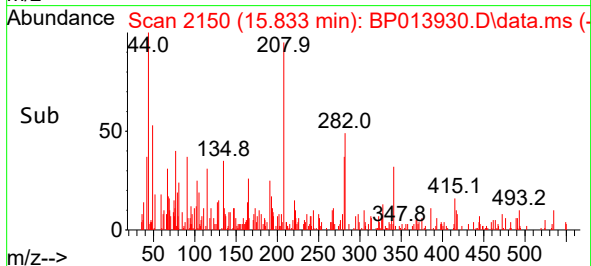
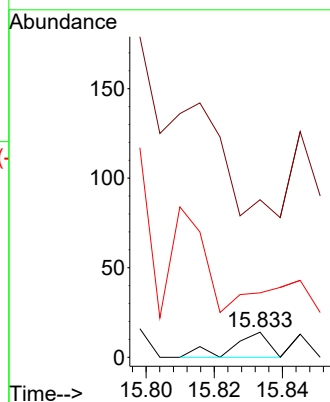
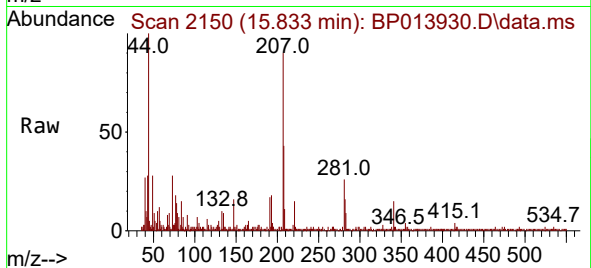




#65
4,6-Dinitro-2-methylphenol
Concen: 4.626 ng
RT: 15.833 min Scan# 2156
Delta R.T. -0.024 min
Lab File: BP013930.D
Acq: 02 Mar 2023 19:40

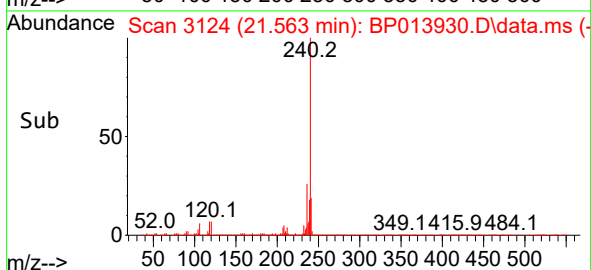
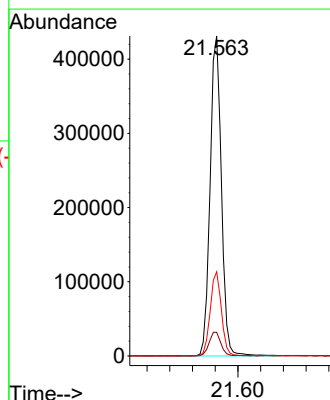
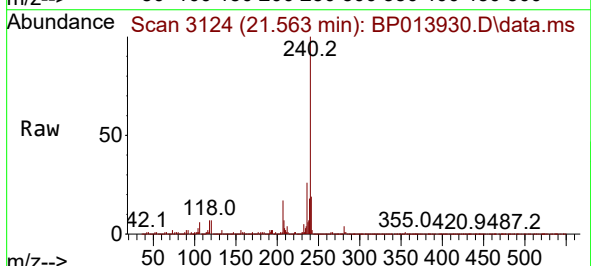
Instrument :
BNA_P
ClientSampleId :
CF-3

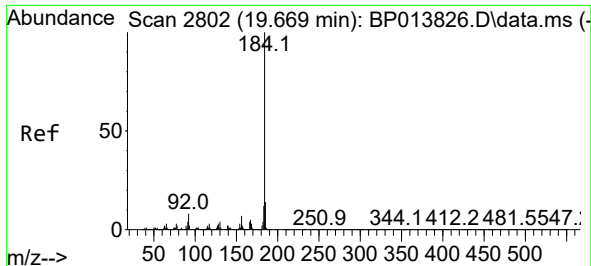
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 628.6 14.3 54.3#
105 257.1 20.5 60.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BP013930.D
Acq: 02 Mar 2023 19:40

Tgt Ion:240 Resp: 591469
Ion Ratio Lower Upper
240 100
120 7.4 7.9 11.9#
236 26.3 20.9 31.3

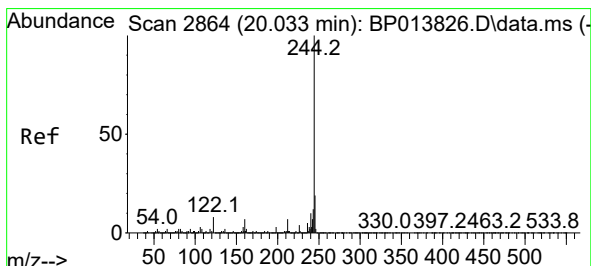
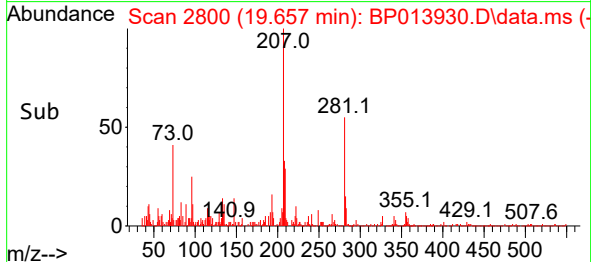
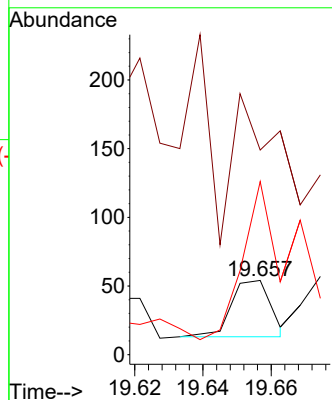
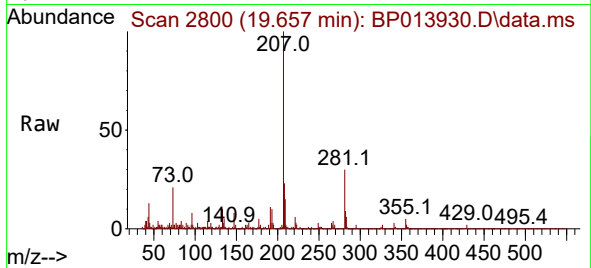




#77
Benzidine
Concen: 2.285 ng
RT: 19.657 min Scan# 2800
Delta R.T. -0.000 min
Lab File: BP013930.D
Acq: 02 Mar 2023 19:40

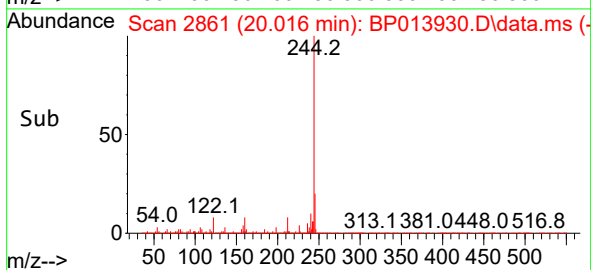
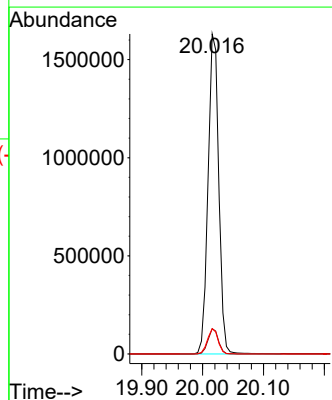
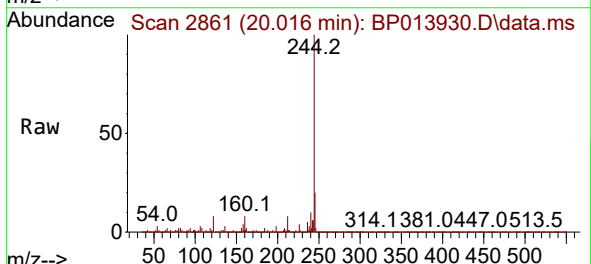
Instrument :
BNA_P
ClientSampleId :
CF-3

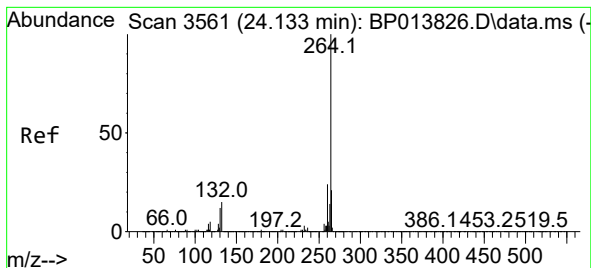
Tgt Ion:184 Resp: 33
Ion Ratio Lower Upper
184 100
185 275.9 11.4 17.0#
183 233.3 9.6 14.4#



#79
Terphenyl-d14
Concen: 64.872 ng
RT: 20.016 min Scan# 2861
Delta R.T. -0.006 min
Lab File: BP013930.D
Acq: 02 Mar 2023 19:40

Tgt Ion:244 Resp: 1994279
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.6
122 7.9 6.7 10.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.109 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP013930.D

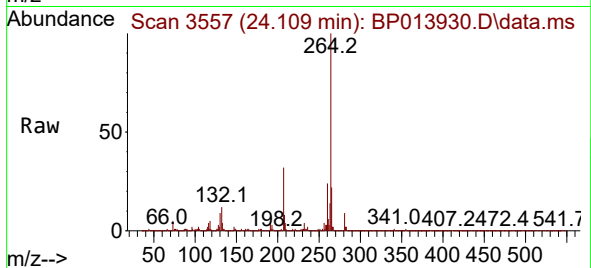
Acq: 02 Mar 2023 19:40

Instrument :

BNA_P

ClientSampleId :

CF-3



Tgt Ion:264 Resp: 715451

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 22.1 17.6 26.4

