

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
 Data File : BP016408.D
 Acq On : 27 Jul 2023 19:39
 Operator : MA/JU
 Sample : 03719-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-P23B

Quant Time: Jul 28 02:15:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

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

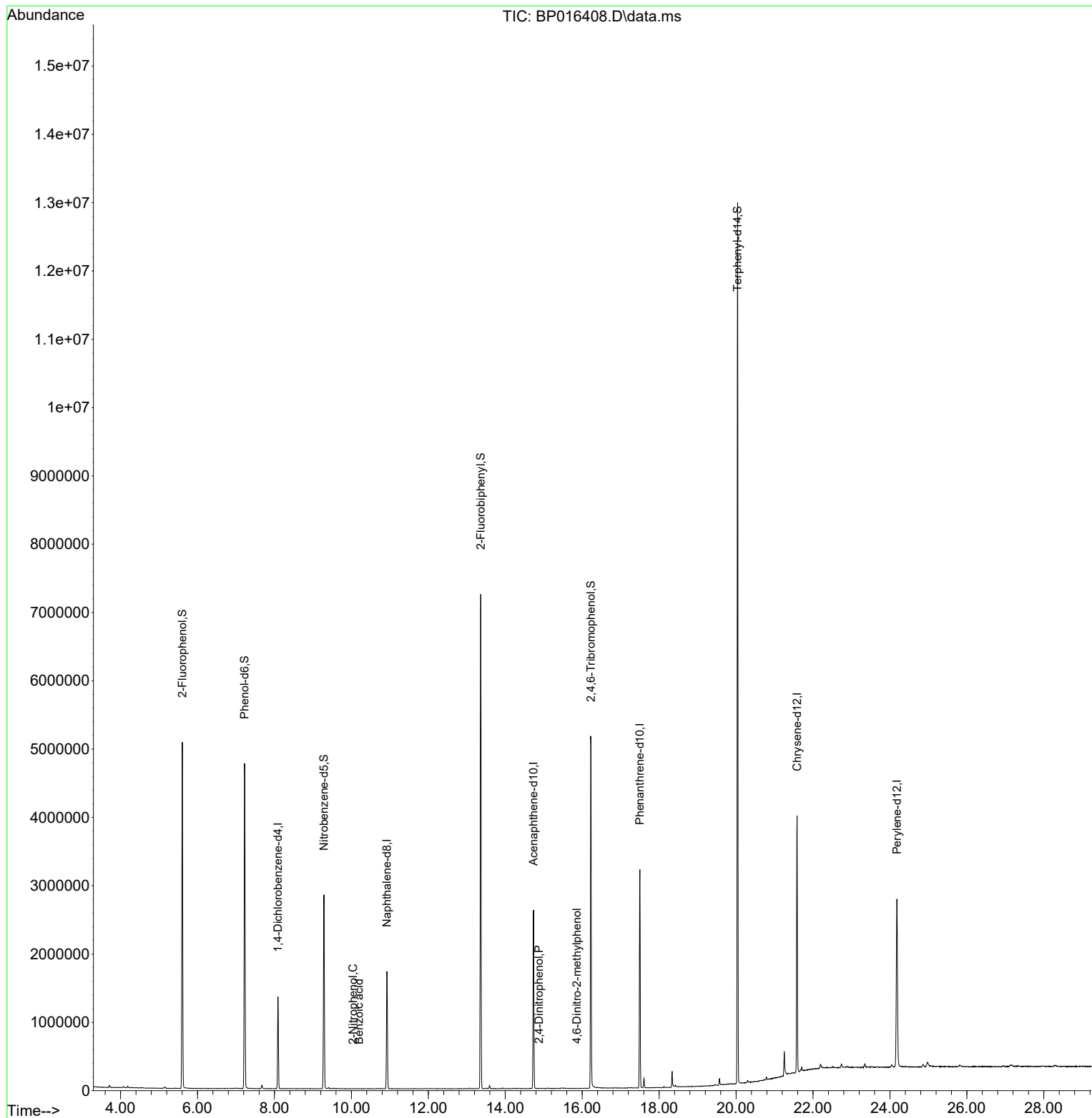
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	356705	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1418077	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	824868	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	1844546	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1707930	20.000	ng	0.00
86) Perylene-d12	24.180	264	1904325	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	2211145	101.128	ng	0.00
7) Phenol-d6	7.222	99	2849701	95.087	ng	0.00
23) Nitrobenzene-d5	9.287	82	1599379	63.135	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	907806	74.809	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	3641687	63.295	ng	0.00
79) Terphenyl-d14	20.039	244	5745549	71.063	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.222	77	6025	Below Cal	#	4
26) 2-Nitrophenol	10.040	139	61	3.131 ng	#	1
32) Benzoic acid	10.199	122	90	6.291 ng	#	1
54) 2,4-Dinitrophenol	14.875	184	30	8.006 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.863	198	28	6.304 ng	#	1

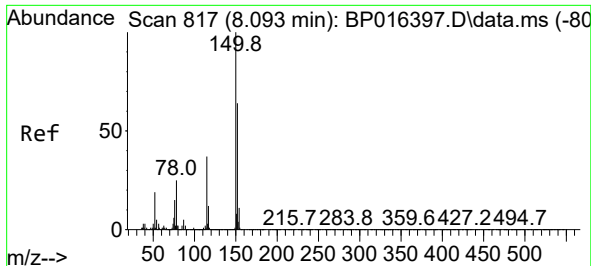
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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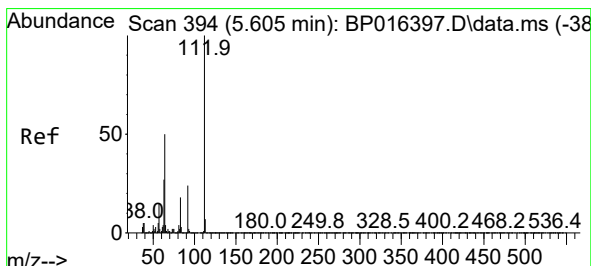
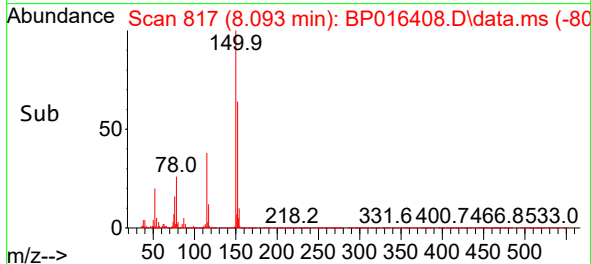
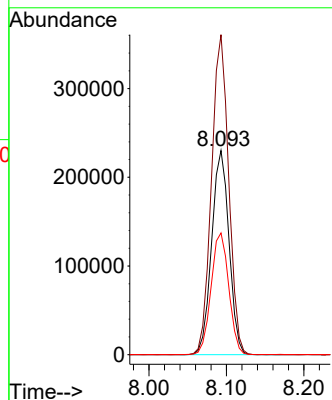
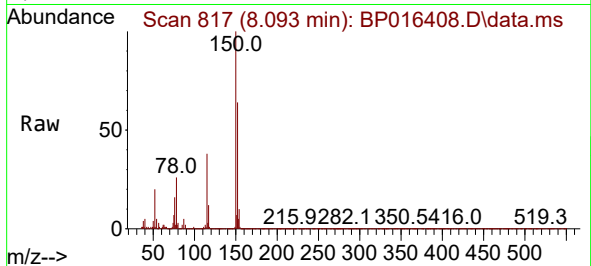




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP016408.D
Acq: 27 Jul 2023 19:39

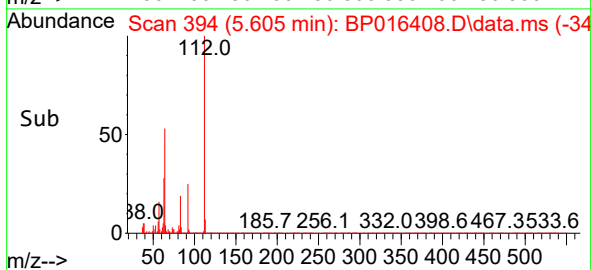
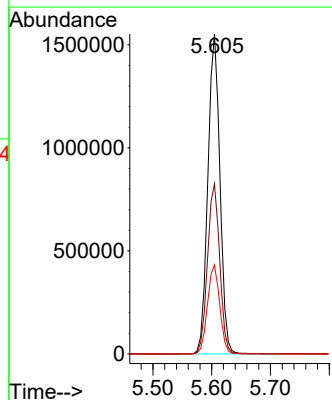
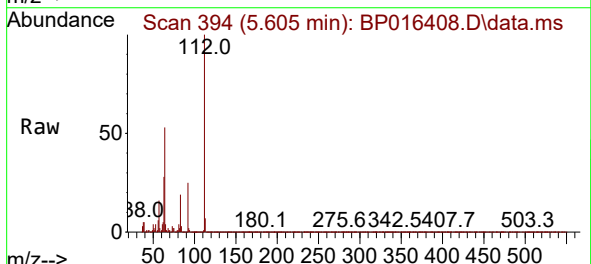
Instrument :
BNA_P
ClientSampleId :
B-P23B

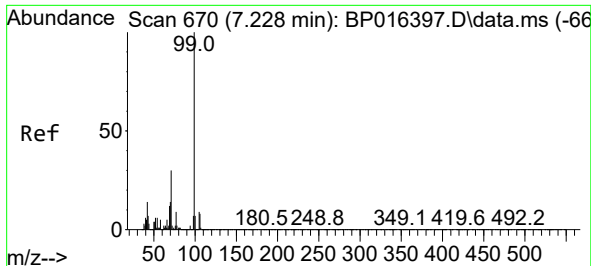
Tgt Ion:152 Resp: 356705
Ion Ratio Lower Upper
152 100
150 156.7 124.9 187.3
115 59.6 46.8 70.2



#5
2-Fluorophenol
Concen: 101.128 ng
RT: 5.605 min Scan# 394
Delta R.T. -0.000 min
Lab File: BP016408.D
Acq: 27 Jul 2023 19:39

Tgt Ion:112 Resp: 2211145
Ion Ratio Lower Upper
112 100
64 53.2 40.0 60.0
63 27.8 21.2 31.8

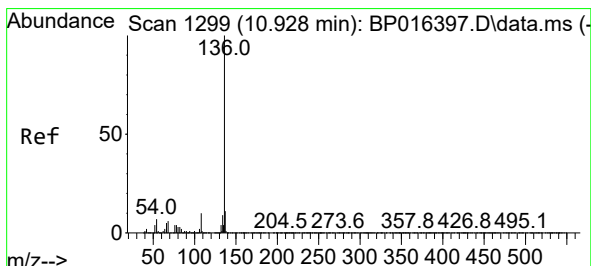
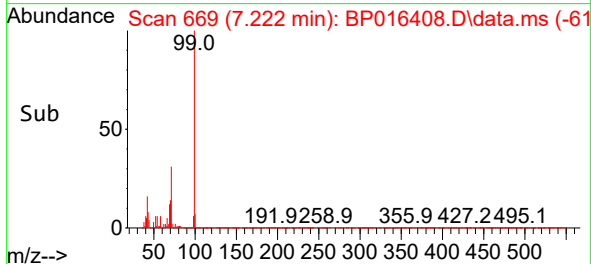
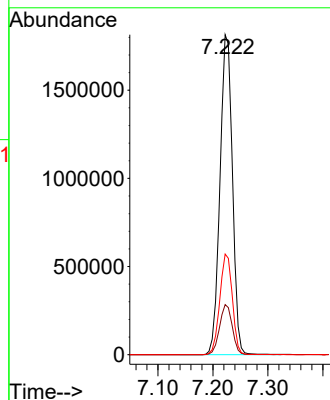
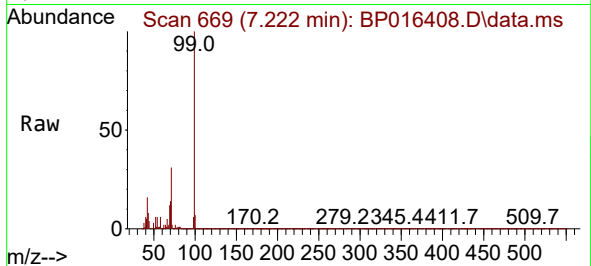




#7
Phenol-d6
Concen: 95.087 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP016408.D
Acq: 27 Jul 2023 19:39

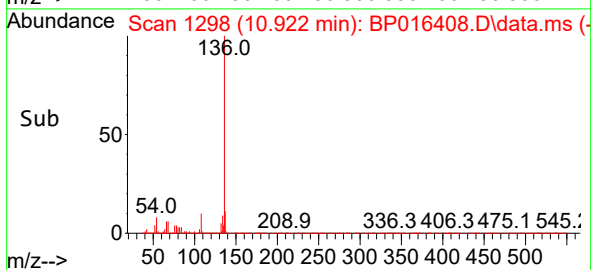
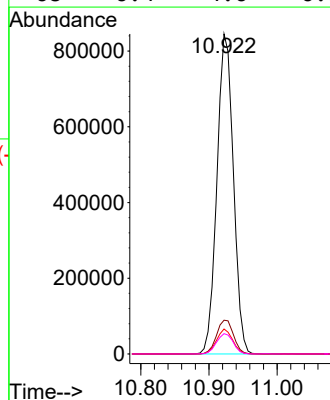
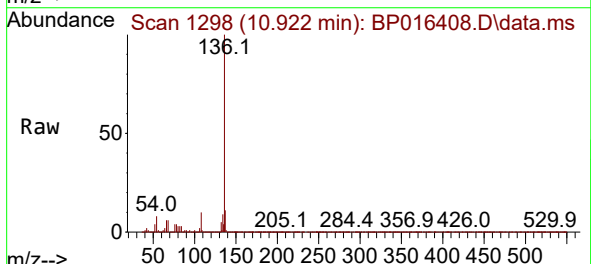
Instrument :
BNA_P
ClientSampleId :
B-P23B

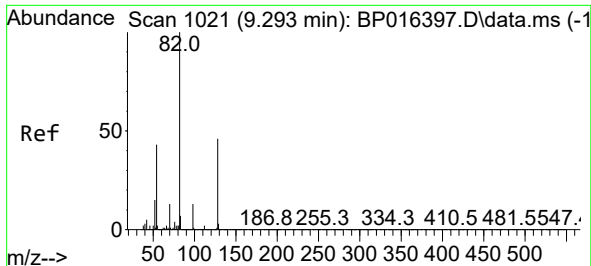
Tgt Ion: 99 Resp: 2849701
Ion Ratio Lower Upper
99 100
42 15.7 11.6 17.4
71 31.5 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP016408.D
Acq: 27 Jul 2023 19:39

Tgt Ion:136 Resp: 1418077
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.8 5.6 8.4
68 6.4 4.6 6.8

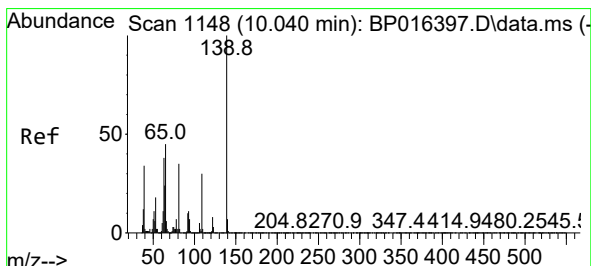
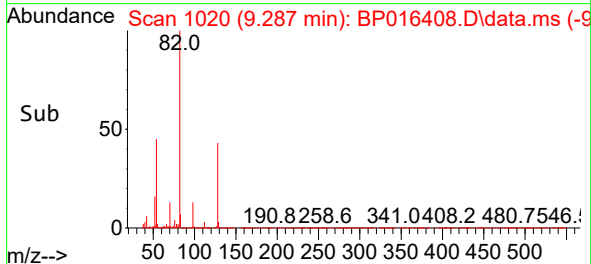
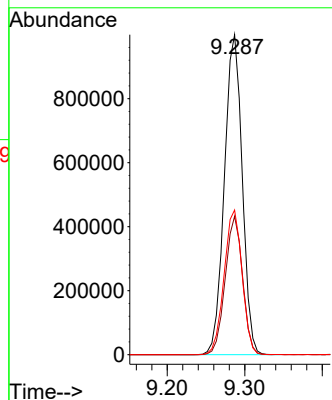
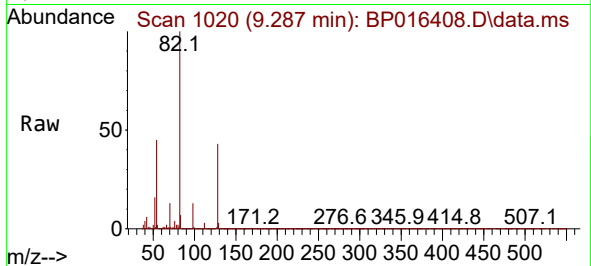




#23
Nitrobenzene-d5
Concen: 63.135 ng
RT: 9.287 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP016408.D
Acq: 27 Jul 2023 19:39

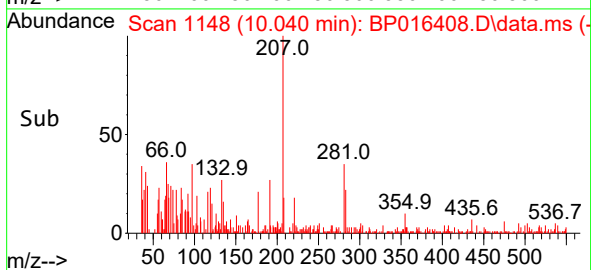
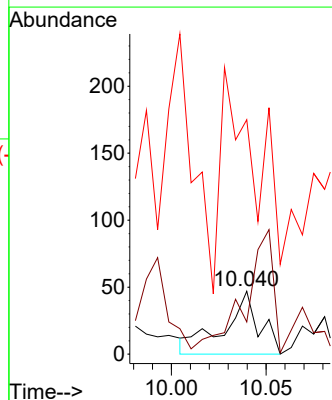
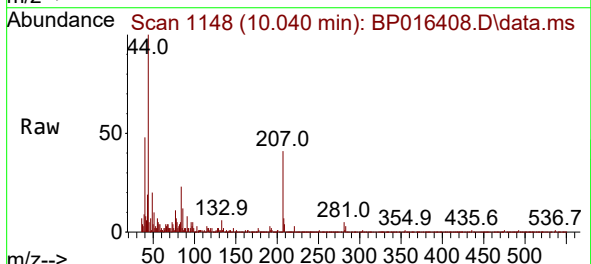
Instrument :
BNA_P
ClientSampleId :
B-P23B

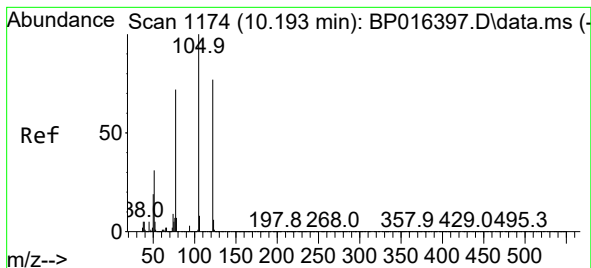
Tgt Ion: 82 Resp: 1599379
Ion Ratio Lower Upper
82 100
128 43.2 36.6 55.0
54 45.2 34.5 51.7



#26
2-Nitrophenol
Concen: 3.131 ng
RT: 10.040 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BP016408.D
Acq: 27 Jul 2023 19:39

Tgt Ion:139 Resp: 61
Ion Ratio Lower Upper
139 100
109 66.0 24.2 36.4#
65 372.3 35.8 53.6#

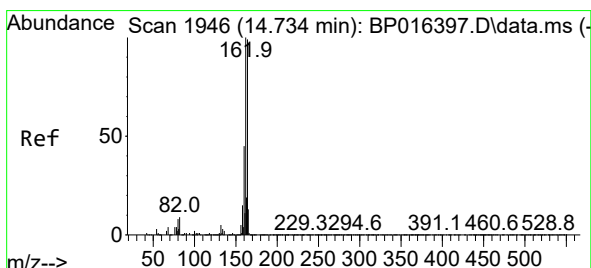
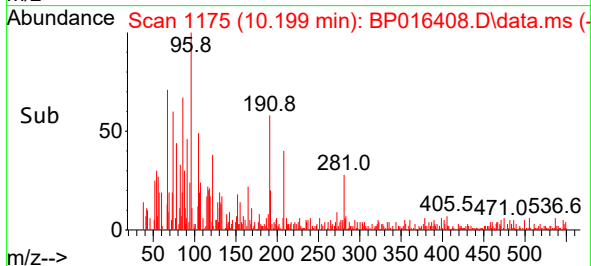
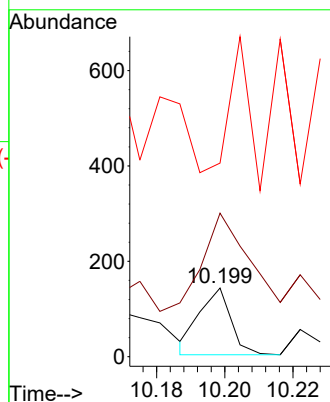
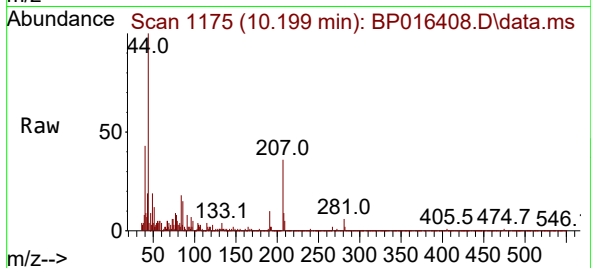




#32
Benzoic acid
Concen: 6.291 ng
RT: 10.199 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BP016408.D
Acq: 27 Jul 2023 19:39

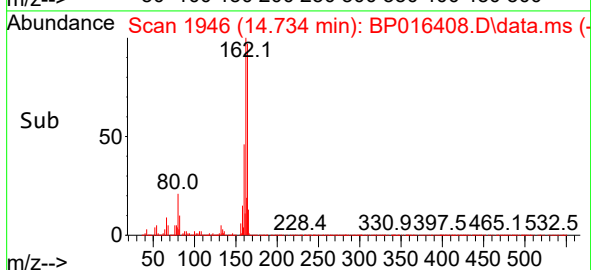
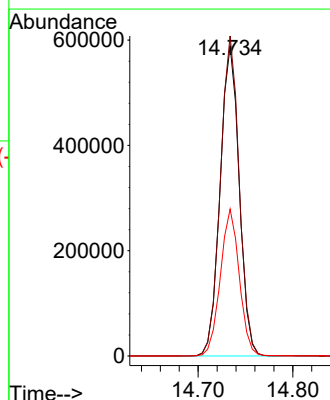
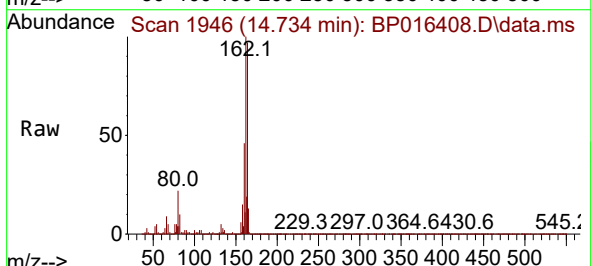
Instrument :
BNA_P
ClientSampleId :
B-P23B

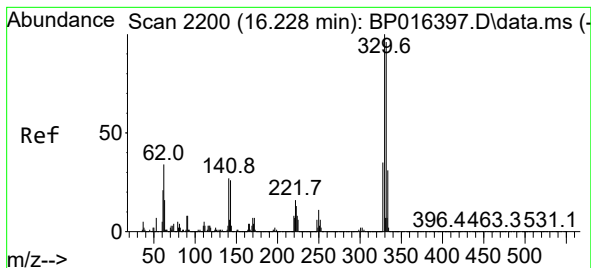
Tgt Ion:122 Resp: 90
Ion Ratio Lower Upper
122 100
105 209.0 105.2 145.2#
77 281.9 72.2 112.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BP016408.D
Acq: 27 Jul 2023 19:39

Tgt Ion:164 Resp: 824868
Ion Ratio Lower Upper
164 100
162 103.2 81.0 121.6
160 47.4 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 74.809 ng

RT: 16.228 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016408.D

Acq: 27 Jul 2023 19:39

Instrument :

BNA_P

ClientSampleId :

B-P23B

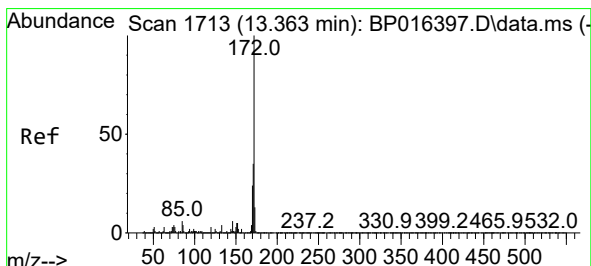
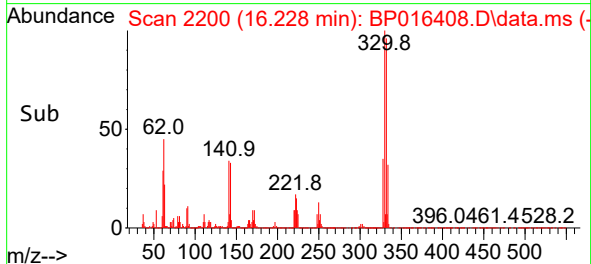
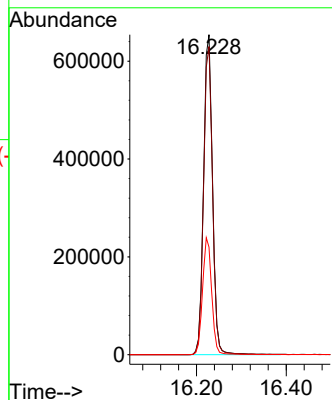
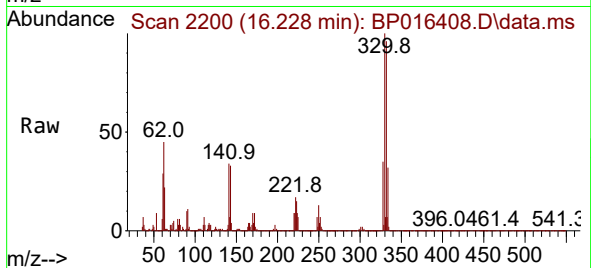
Tgt Ion:330 Resp: 907806

Ion Ratio Lower Upper

330 100

332 96.2 77.8 116.8

141 37.3 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 63.295 ng

RT: 13.363 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP016408.D

Acq: 27 Jul 2023 19:39

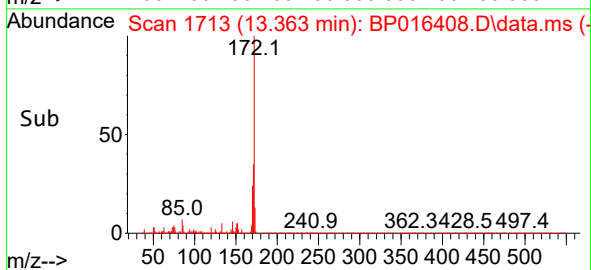
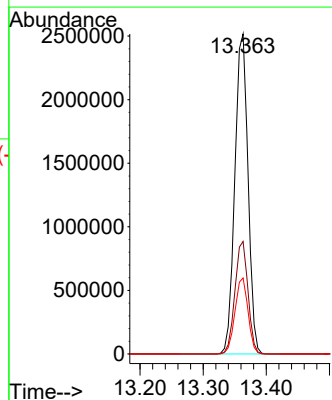
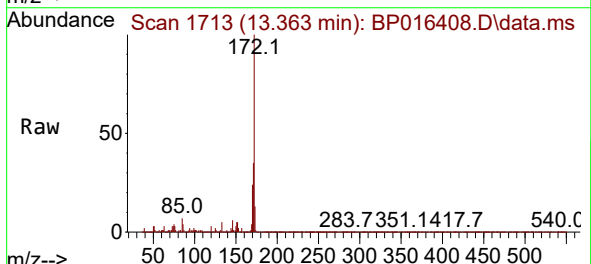
Tgt Ion:172 Resp: 3641687

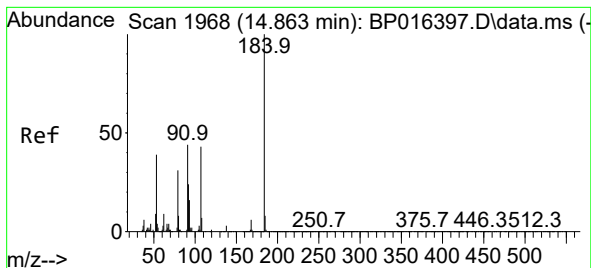
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.7 19.1 28.7

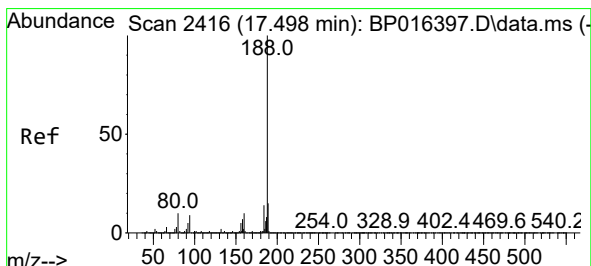
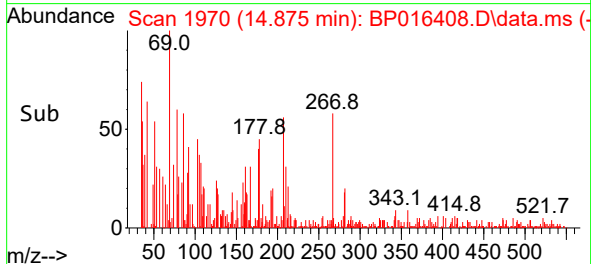
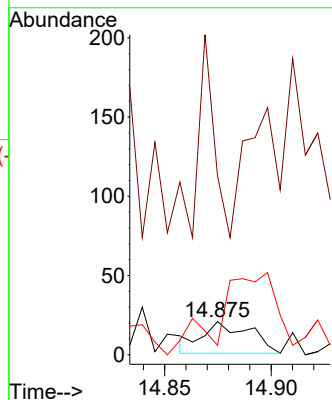
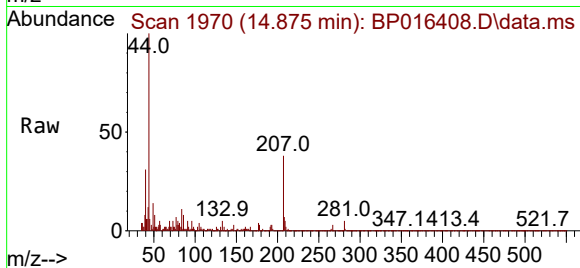




#54
2,4-Dinitrophenol
Concen: 8.006 ng
RT: 14.875 min Scan# 1968
Delta R.T. 0.012 min
Lab File: BP016408.D
Acq: 27 Jul 2023 19:39

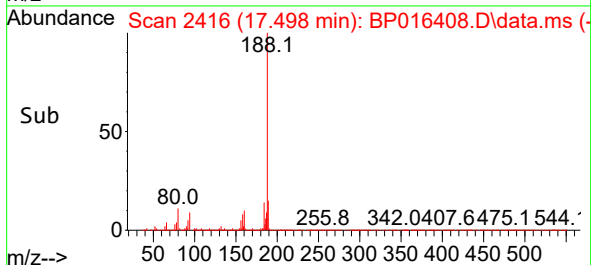
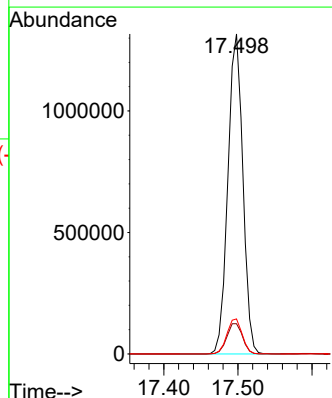
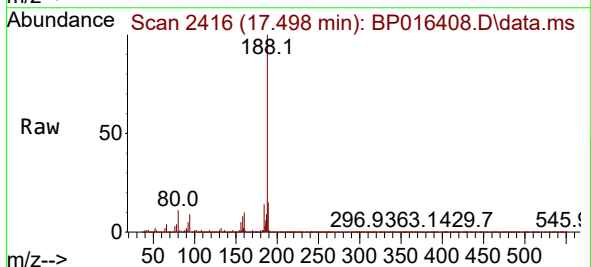
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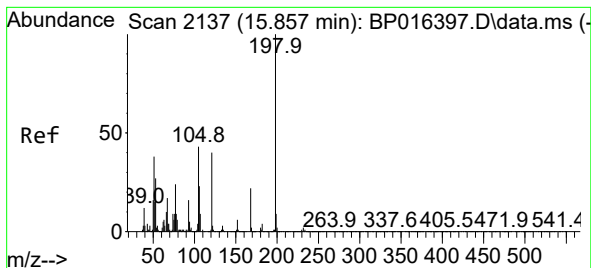
Tgt Ion:184 Resp: 30
Ion Ratio Lower Upper
184 100
63 538.1 48.2 72.4#
154 28.6 49.6 74.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BP016408.D
Acq: 27 Jul 2023 19:39

Tgt Ion:188 Resp: 1844546
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.9 7.8 11.8

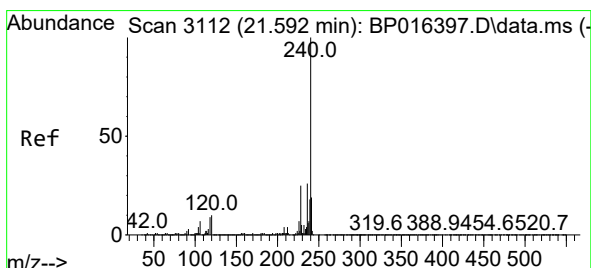
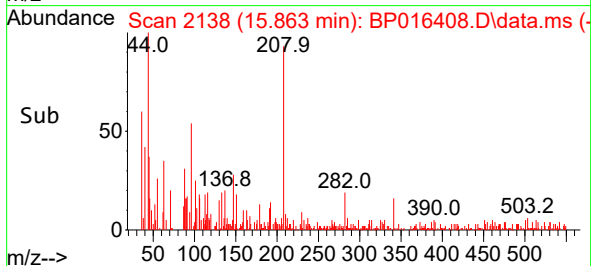
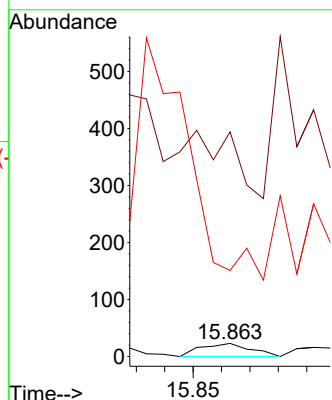
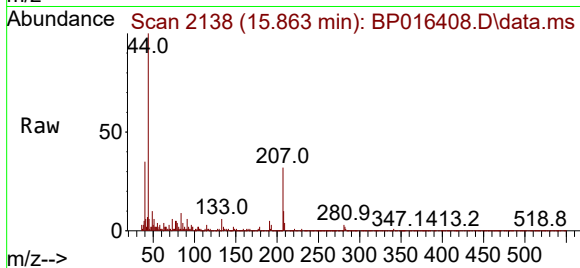




#65
4,6-Dinitro-2-methylphenol
Concen: 6.304 ng
RT: 15.863 min Scan# 2138
Delta R.T. 0.006 min
Lab File: BP016408.D
Acq: 27 Jul 2023 19:39

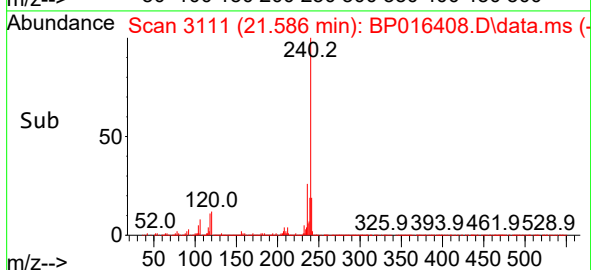
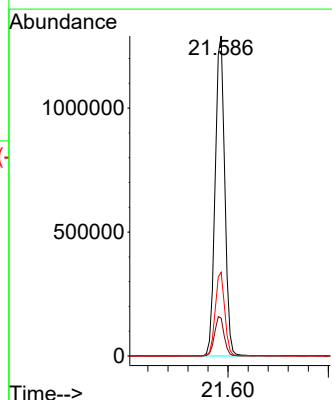
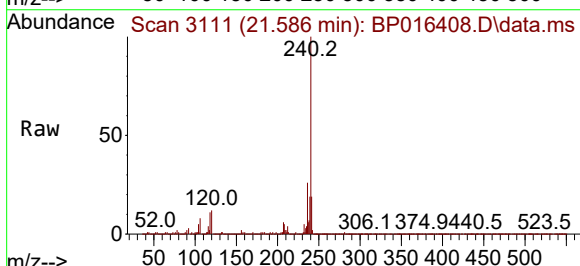
Instrument :
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B-P23B

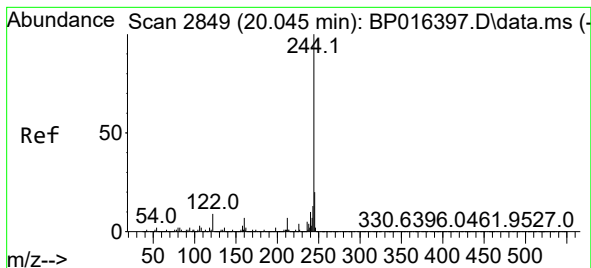
Tgt Ion:198 Resp: 28
Ion Ratio Lower Upper
198 100
51 1713.0 20.1 60.1#
105 656.5 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016408.D
Acq: 27 Jul 2023 19:39

Tgt Ion:240 Resp: 1707930
Ion Ratio Lower Upper
240 100
120 11.9 7.9 11.9
236 26.1 21.1 31.7





#79

Terphenyl-d14

Concen: 71.063 ng

RT: 20.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016408.D

Acq: 27 Jul 2023 19:39

Instrument :

BNA_P

ClientSampleId :

B-P23B

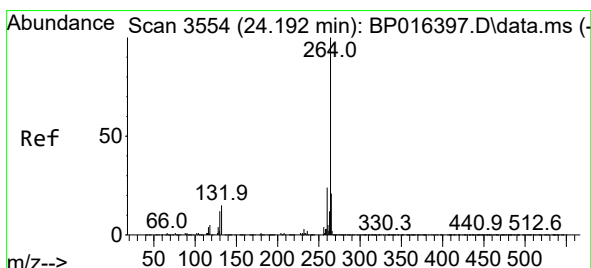
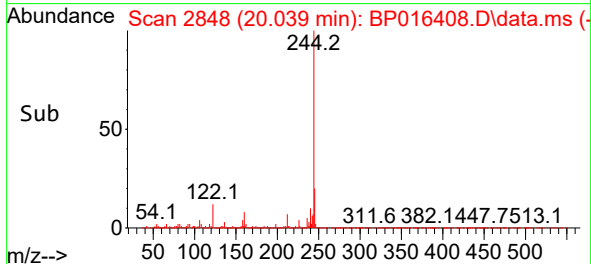
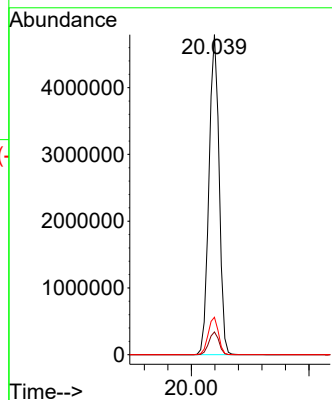
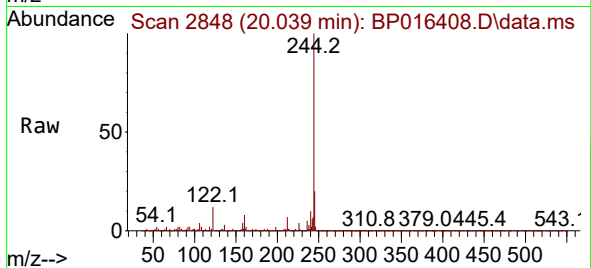
Tgt Ion:244 Resp: 5745549

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.7 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.180 min Scan# 3552

Delta R.T. -0.012 min

Lab File: BP016408.D

Acq: 27 Jul 2023 19:39

Tgt Ion:264 Resp: 1904325

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 21.5 17.4 26.0

