

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
 Data File : BP016455.D
 Acq On : 01 Aug 2023 14:29
 Operator : MA/JU
 Sample : 03810-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-P1B

Quant Time: Aug 01 16:32:09 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)

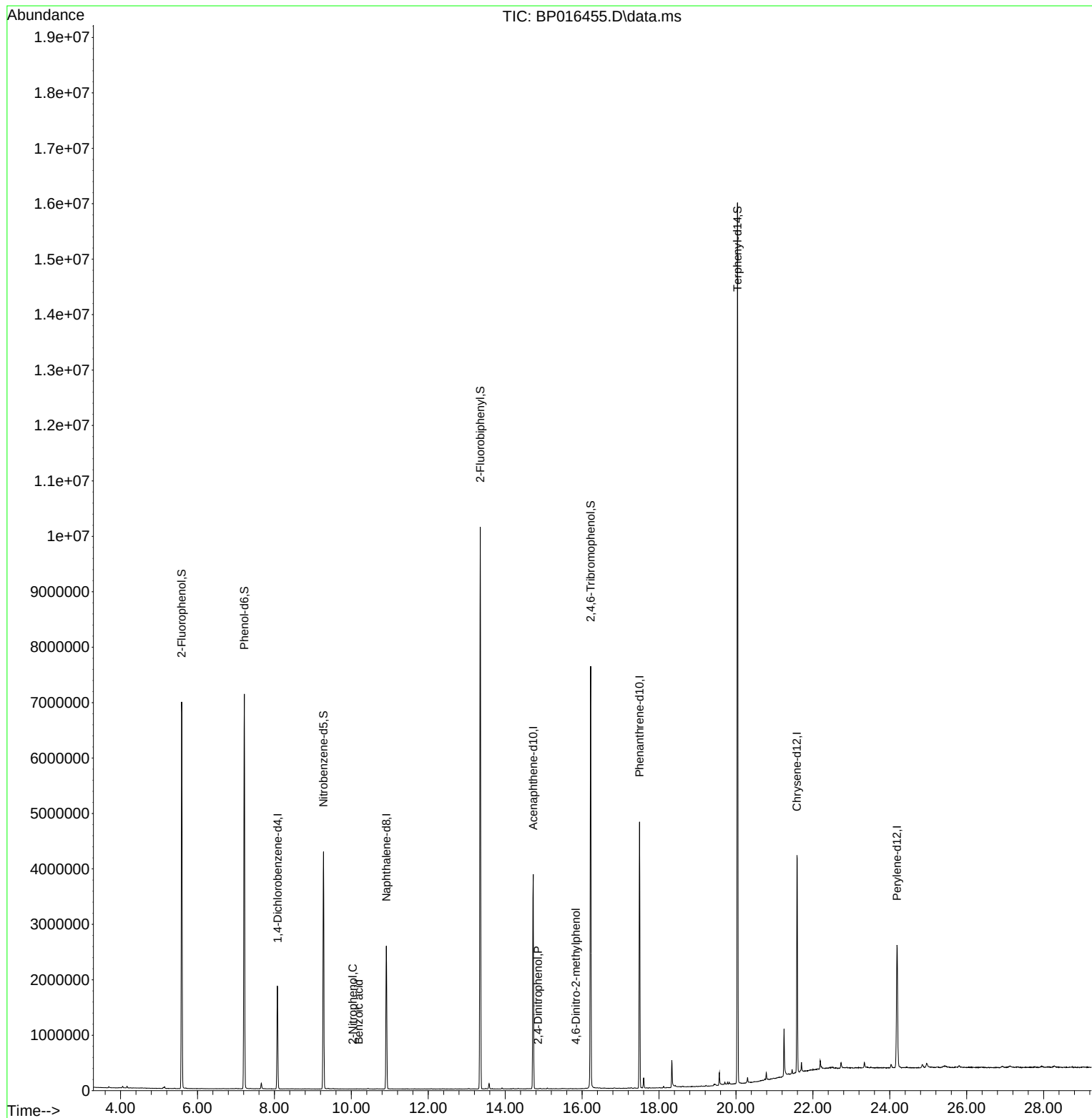
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	510571	20.000	ng	-0.01
21) Naphthalene-d8	10.910	136	2110413	20.000	ng	-0.02
39) Acenaphthene-d10	14.728	164	1248976	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	2667209	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1847617	20.000	ng	# 0.00
86) Perylene-d12	24.186	264	1747363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	3221664	102.941	ng	-0.02
7) Phenol-d6	7.216	99	4305199	100.361	ng	-0.01
23) Nitrobenzene-d5	9.275	82	2444218	64.833	ng	-0.02
42) 2,4,6-Tribromophenol	16.222	330	1346475	73.281	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	5036320	57.811	ng	-0.01
79) Terphenyl-d14	20.039	244	7405732	84.671	ng	0.00
Target Compounds						
9) Benzaldehyde	7.216	77	8254	Below Cal	Qvalue	# 2
26) 2-Nitrophenol	10.040	139	21	3.127 ng	#	1
32) Benzoic acid	10.193	122	51	6.288 ng	#	1
54) 2,4-Dinitrophenol	14.851	184	14	8.003 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.839	198	26	6.303 ng	#	1

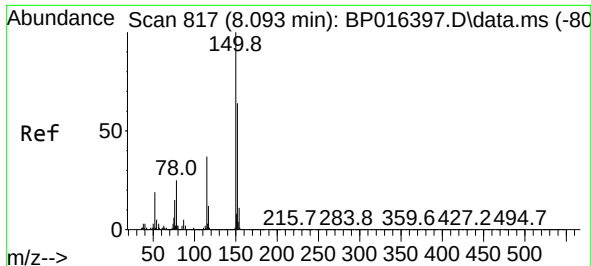
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
Data File : BP016455.D
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Sample : 03810-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-P1B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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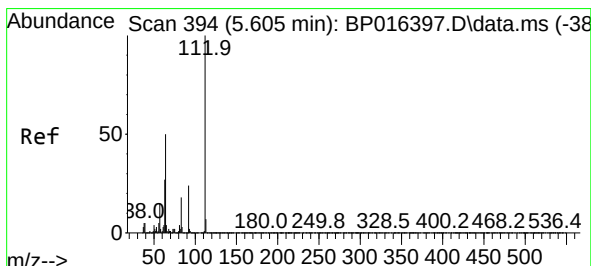
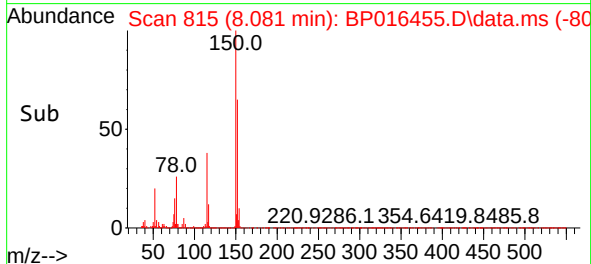
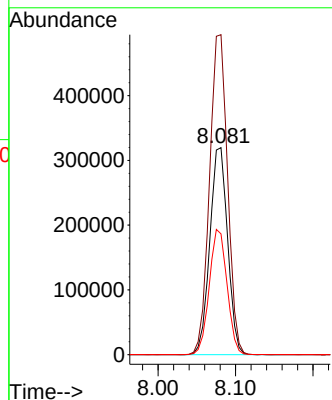
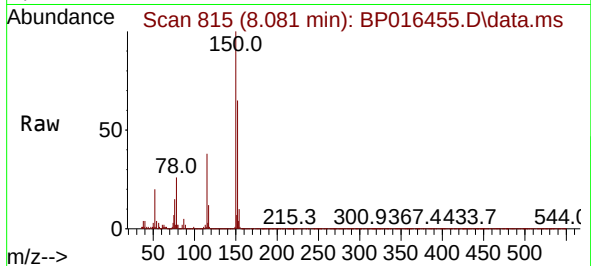




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.081 min Scan# 815
Delta R.T. -0.012 min
Lab File: BP016455.D
Acq: 01 Aug 2023 14:29

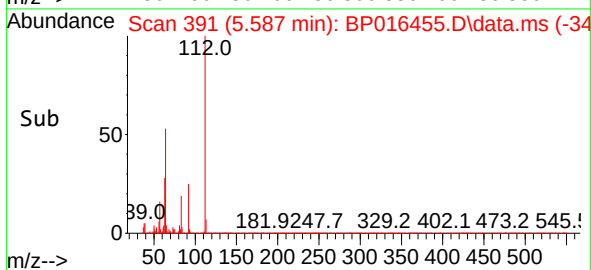
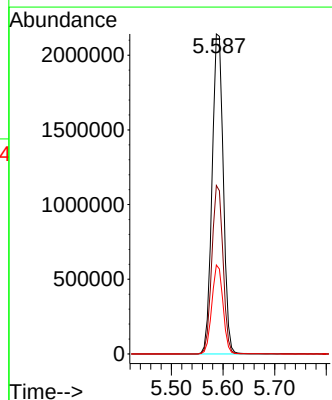
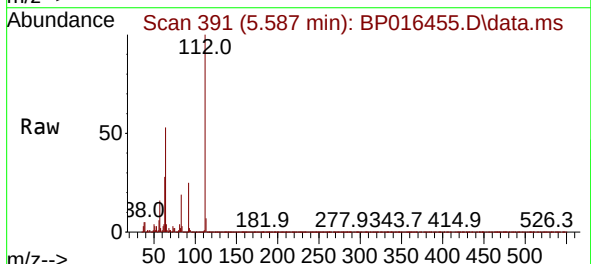
Instrument :
BNA_P
ClientSampleId :
B-P1B

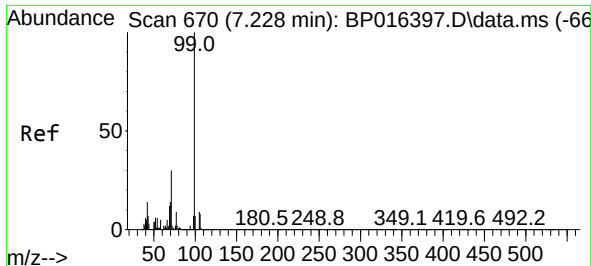
Tgt Ion:152 Resp: 510571
Ion Ratio Lower Upper
152 100
150 154.6 124.9 187.3
115 58.4 46.8 70.2



#5
2-Fluorophenol
Concen: 102.941 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016455.D
Acq: 01 Aug 2023 14:29

Tgt Ion:112 Resp: 3221664
Ion Ratio Lower Upper
112 100
64 52.7 40.0 60.0
63 27.8 21.2 31.8

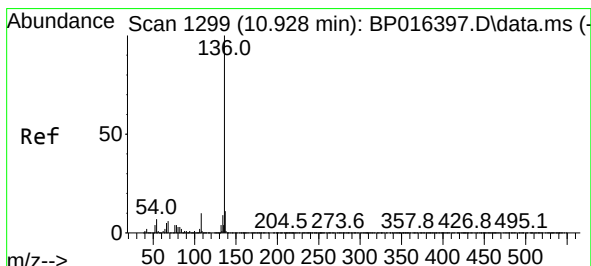
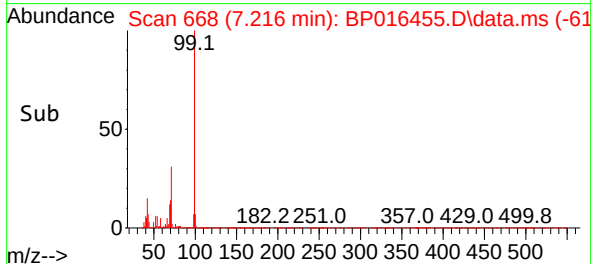
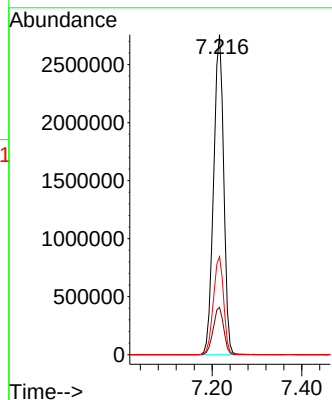
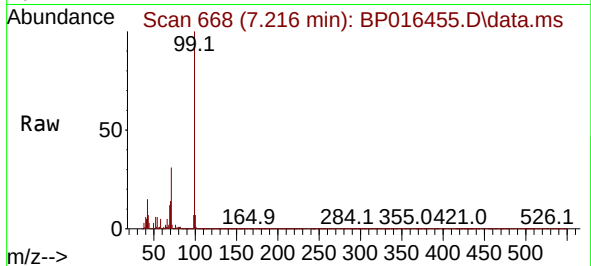




#7
Phenol-d6
Concen: 100.361 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP016455.D
Acq: 01 Aug 2023 14:29

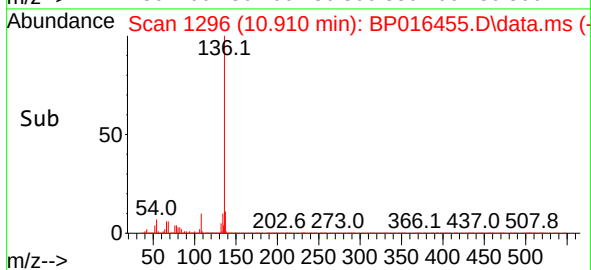
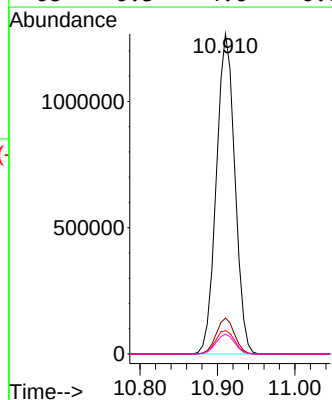
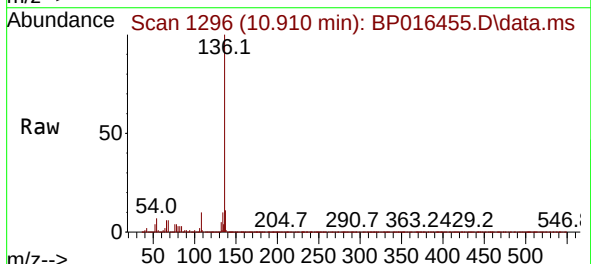
Instrument :
BNA_P
ClientSampleId :
B-P1B

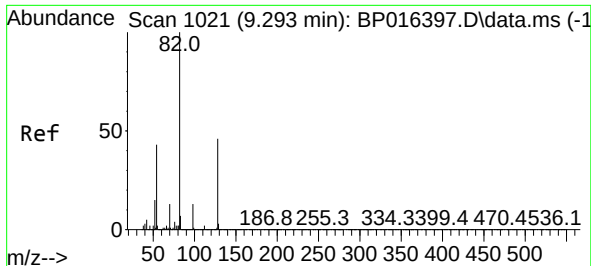
Tgt Ion: 99 Resp: 4305199
Ion Ratio Lower Upper
99 100
42 14.8 11.6 17.4
71 30.6 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1296
Delta R.T. -0.018 min
Lab File: BP016455.D
Acq: 01 Aug 2023 14:29

Tgt Ion:136 Resp: 2110413
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.3 5.6 8.4
68 6.3 4.6 6.8

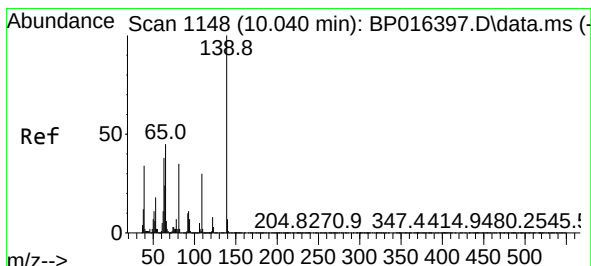
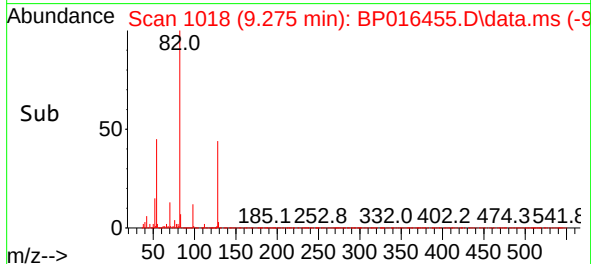
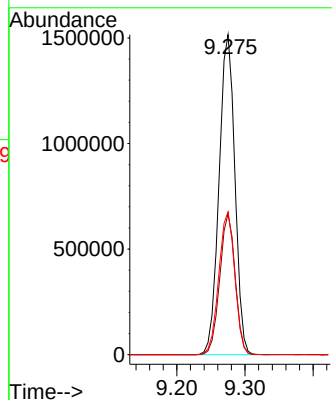
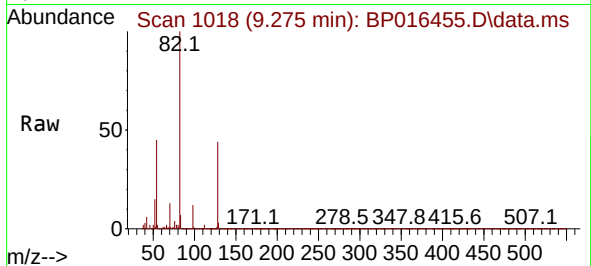




#23
Nitrobenzene-d5
Concen: 64.833 ng
RT: 9.275 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BP016455.D
Acq: 01 Aug 2023 14:29

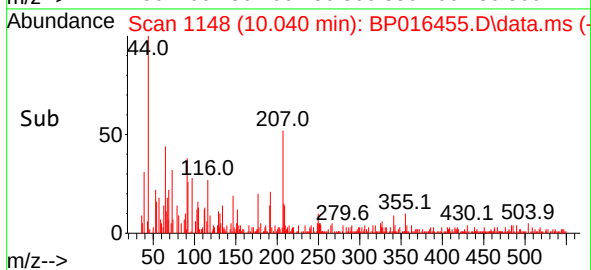
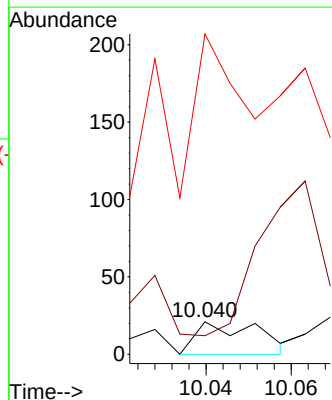
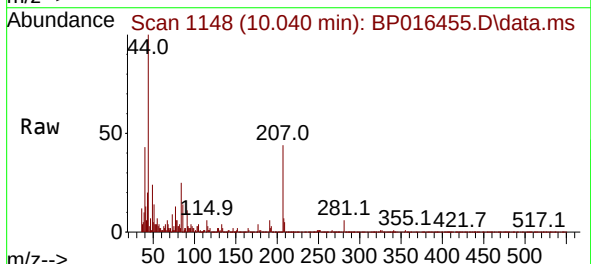
Instrument :
BNA_P
ClientSampleId :
B-P1B

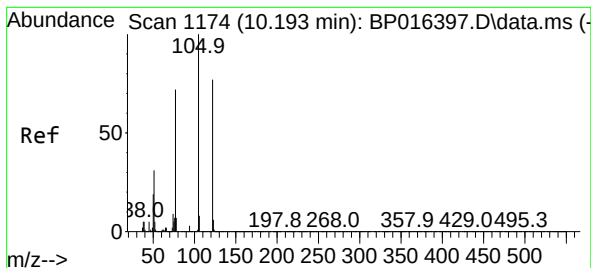
Tgt Ion: 82 Resp: 2444218
Ion Ratio Lower Upper
82 100
128 44.1 36.6 55.0
54 44.7 34.5 51.7



#26
2-Nitrophenol
Concen: 3.127 ng
RT: 10.040 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BP016455.D
Acq: 01 Aug 2023 14:29

Tgt Ion:139 Resp: 21
Ion Ratio Lower Upper
139 100
109 57.1 24.2 36.4#
65 985.7 35.8 53.6#

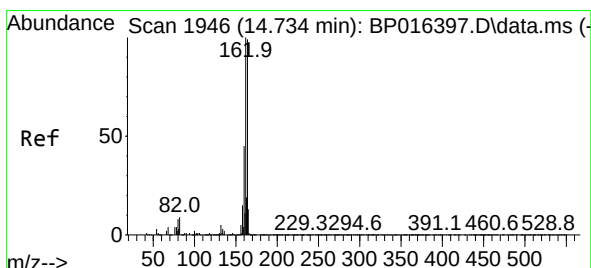
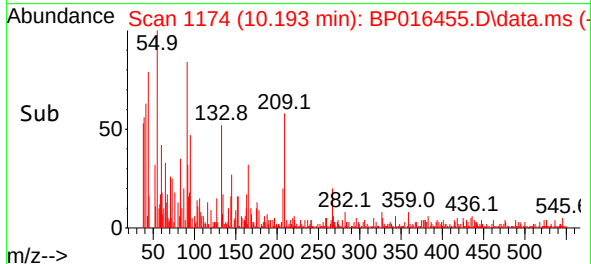
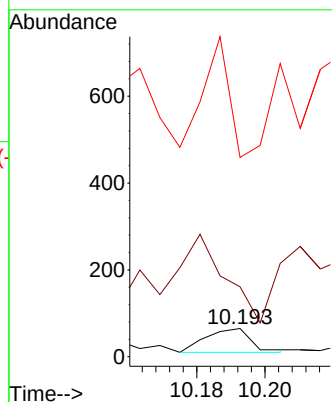
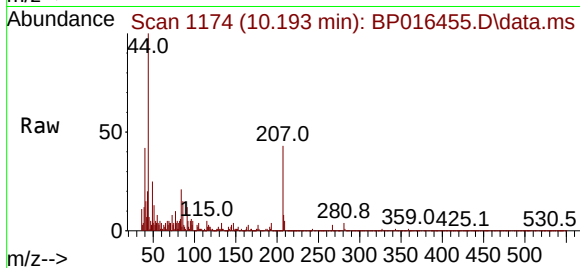




#32
Benzoic acid
Concen: 6.288 ng
RT: 10.193 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BP016455.D
Acq: 01 Aug 2023 14:29

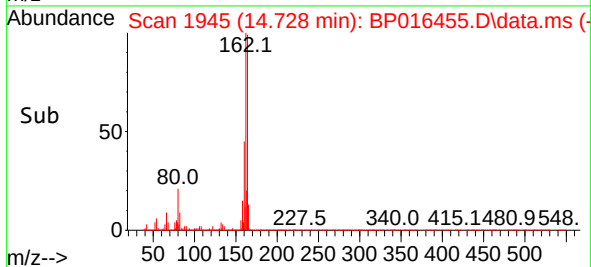
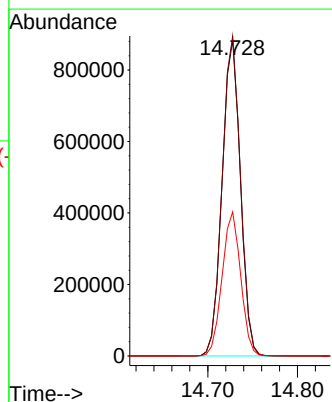
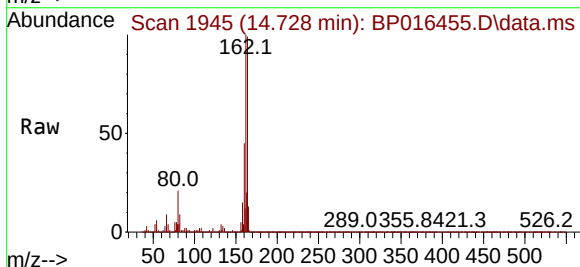
Instrument :
BNA_P
ClientSampleId :
B-P1B

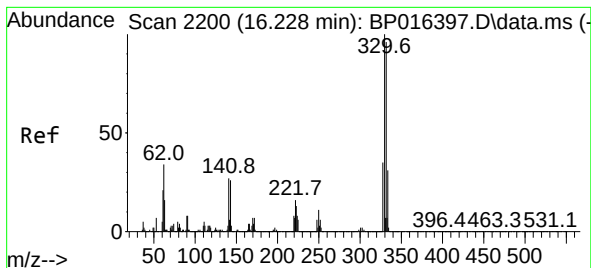
Tgt Ion:122 Resp: 51
Ion Ratio Lower Upper
122 100
105 247.7 105.2 145.2#
77 706.2 72.2 112.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP016455.D
Acq: 01 Aug 2023 14:29

Tgt Ion:164 Resp: 1248976
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.6
160 45.6 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 73.281 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016455.D

Acq: 01 Aug 2023 14:29

Instrument :

BNA_P

ClientSampleId :

B-P1B

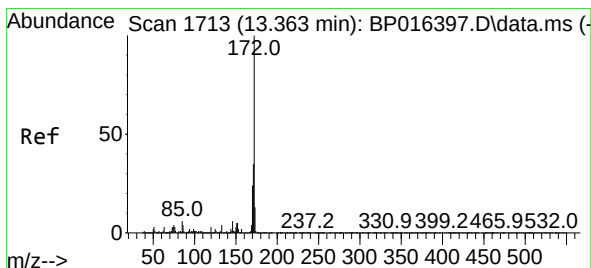
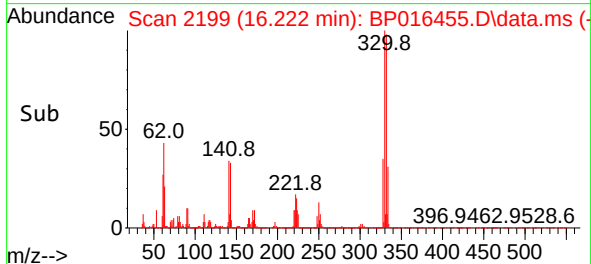
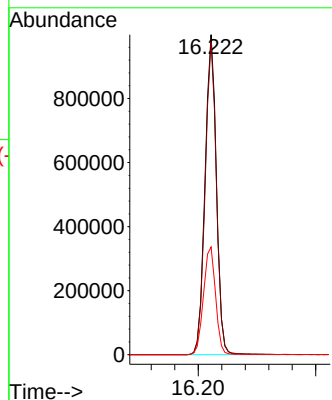
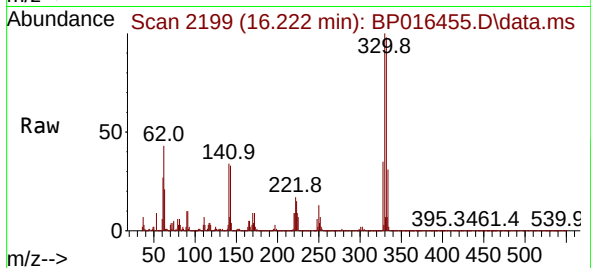
Tgt Ion:330 Resp: 1346475

Ion Ratio Lower Upper

330 100

332 96.7 77.8 116.8

141 35.8 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 57.811 ng

RT: 13.351 min Scan# 1711

Delta R.T. -0.012 min

Lab File: BP016455.D

Acq: 01 Aug 2023 14:29

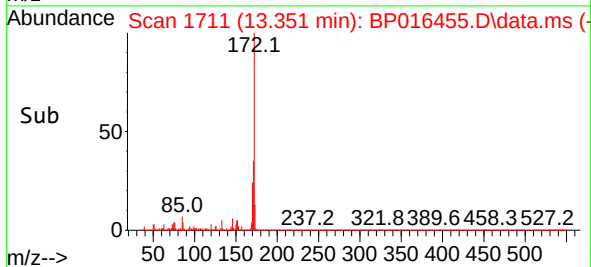
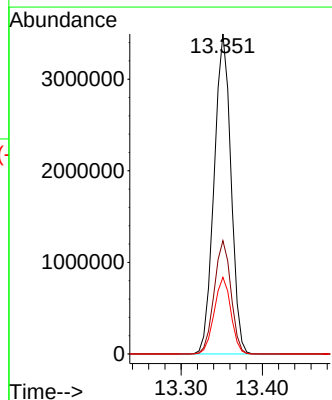
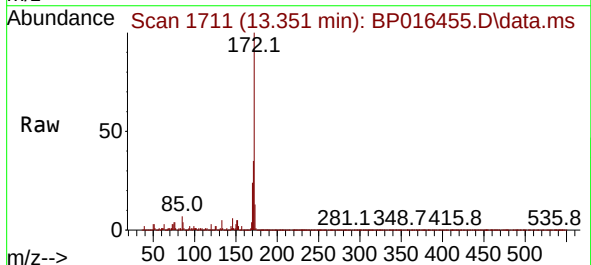
Tgt Ion:172 Resp: 5036320

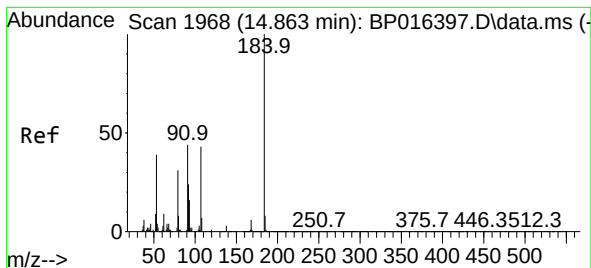
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.9 19.1 28.7





#54

2,4-Dinitrophenol

Concen: 8.003 ng

RT: 14.851 min Scan# 1966

Delta R.T. -0.012 min

Lab File: BP016455.D

Acq: 01 Aug 2023 14:29

Instrument :

BNA_P

ClientSampleId :

B-P1B

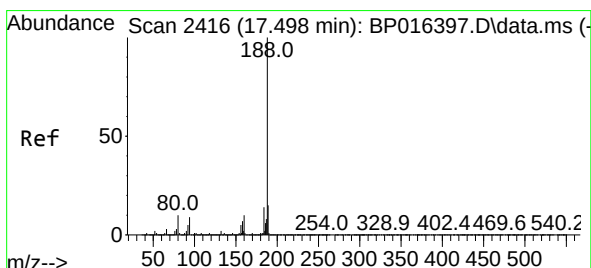
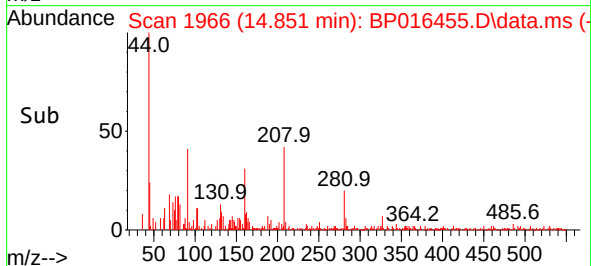
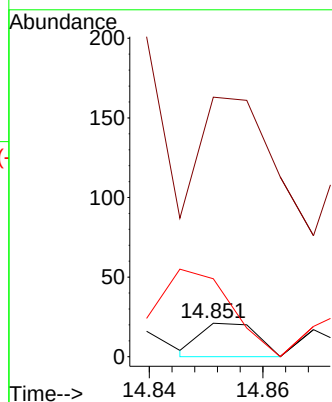
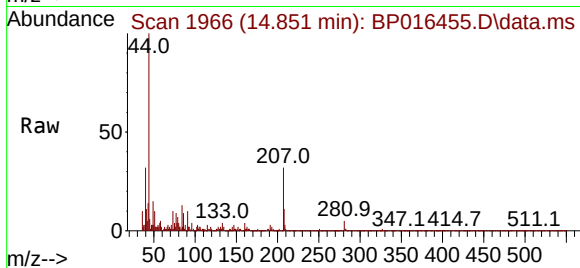
Tgt Ion:184 Resp: 14

Ion Ratio Lower Upper

184 100

63 776.2 48.2 72.4#

154 233.3 49.6 74.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.492 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BP016455.D

Acq: 01 Aug 2023 14:29

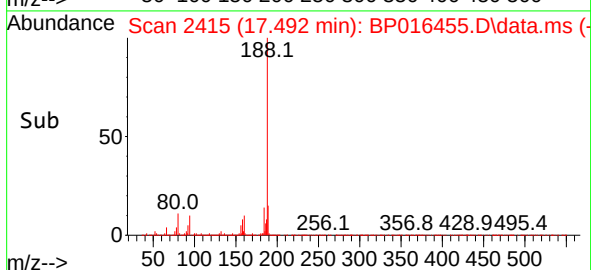
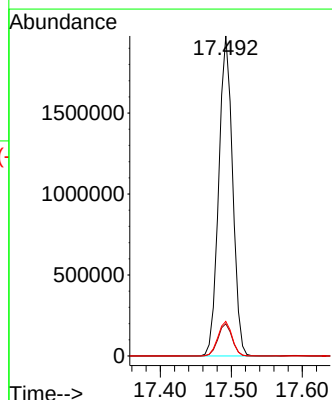
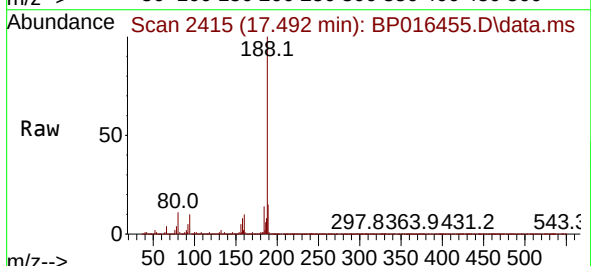
Tgt Ion:188 Resp: 2667209

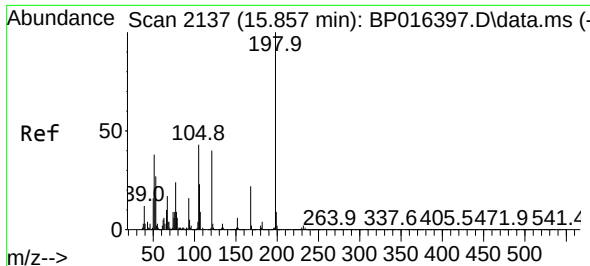
Ion Ratio Lower Upper

188 100

94 10.1 7.4 11.0

80 10.8 7.8 11.8

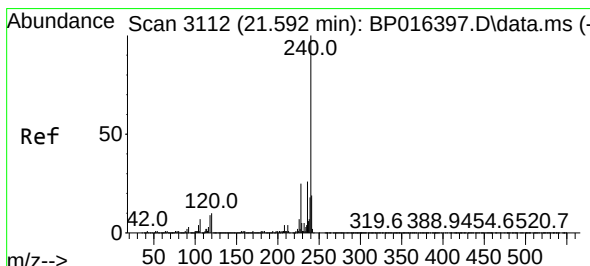
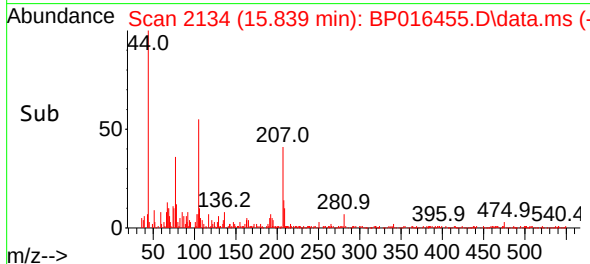
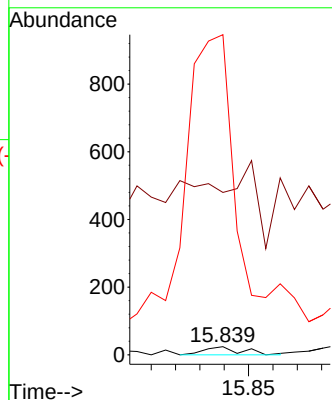
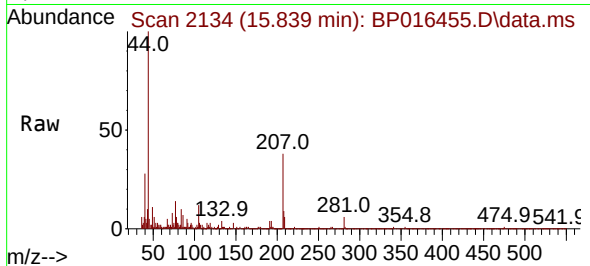




#65
4,6-Dinitro-2-methylphenol
Concen: 6.303 ng
RT: 15.839 min Scan# 2134
Delta R.T. -0.018 min
Lab File: BP016455.D
Acq: 01 Aug 2023 14:29

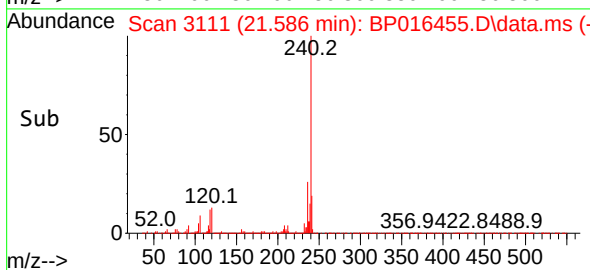
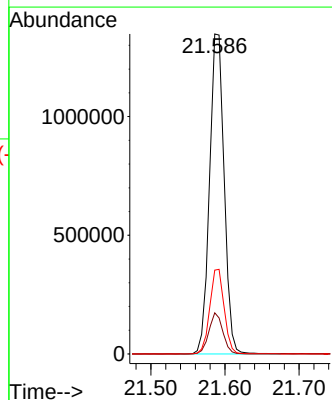
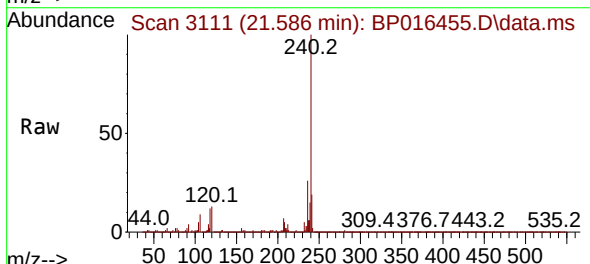
Instrument :
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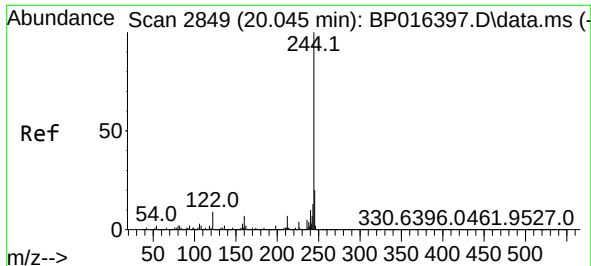
Tgt Ion:198 Resp: 26
Ion Ratio Lower Upper
198 100
51 2000.0 20.1 60.1#
105 3941.7 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016455.D
Acq: 01 Aug 2023 14:29

Tgt Ion:240 Resp: 1847617
Ion Ratio Lower Upper
240 100
120 12.9 7.9 11.9#
236 26.2 21.1 31.7

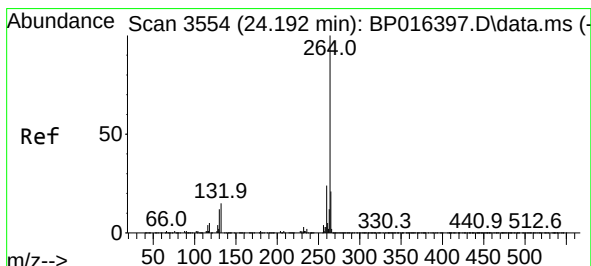
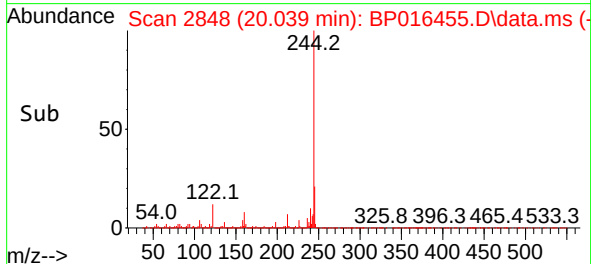
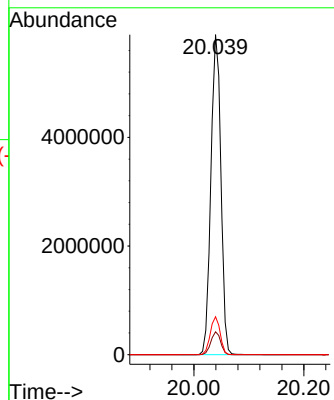
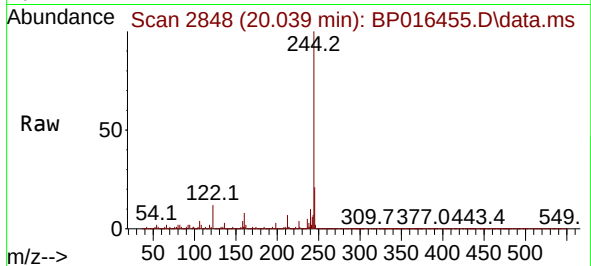




#79
 Terphenyl-d14
 Concen: 84.671 ng
 RT: 20.039 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP016455.D
 Acq: 01 Aug 2023 14:29

Instrument :
 BNA_P
 ClientSampleId :
 B-P1B

Tgt Ion:244 Resp: 7405732
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.8 7.4 11.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.186 min Scan# 3553
 Delta R.T. -0.006 min
 Lab File: BP016455.D
 Acq: 01 Aug 2023 14:29

Tgt Ion:264 Resp: 1747363
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 22.0 17.4 26.0

