

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080823\
 Data File : BP016538.D
 Acq On : 08 Aug 2023 14:59
 Operator : MA/JU
 Sample : 03895-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MCLEAN-TP11

Quant Time: Aug 08 16:07:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 08 16:03:02 2023
 Response via : Initial Calibration

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

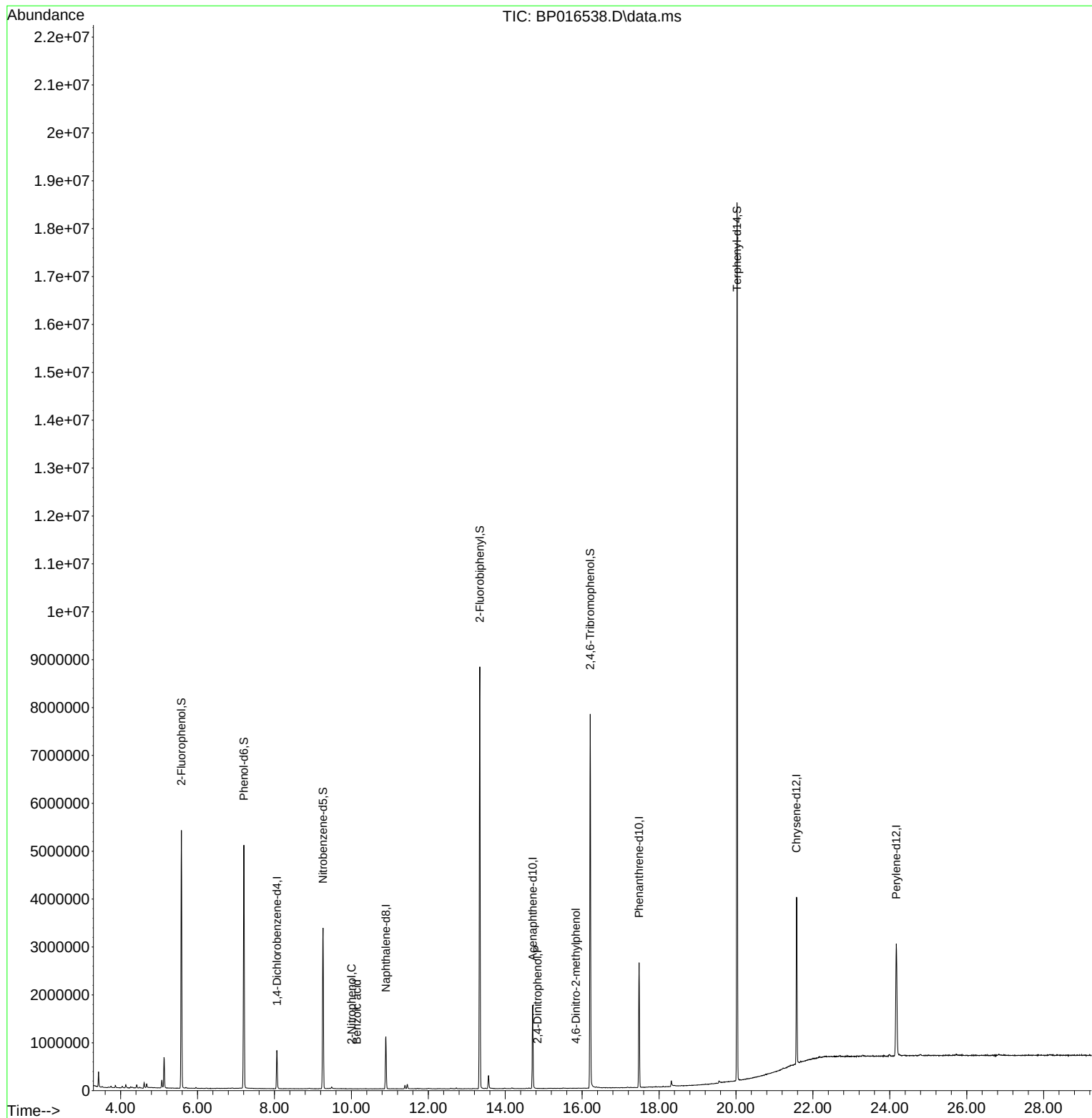
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	214290	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	903597	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	581962	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	1499126	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1681489	20.000	ng	# 0.00
86) Perylene-d12	24.168	264	1894081	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2382288	181.366	ng	0.00
7) Phenol-d6	7.204	99	3051709	169.500	ng	0.00
23) Nitrobenzene-d5	9.263	82	1936126	119.944	ng	0.00
42) 2,4,6-Tribromophenol	16.210	330	1383252	161.566	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	4450247	109.632	ng	0.00
79) Terphenyl-d14	20.027	244	8998993	113.052	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.204	77	5778	Below Cal	#	4
26) 2-Nitrophenol	10.004	139	14	3.127 ng	#	1
32) Benzoic acid	10.139	122	31	6.289 ng	#	1
54) 2,4-Dinitrophenol	14.839	184	22	8.006 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.839	198	36	6.306 ng	#	1

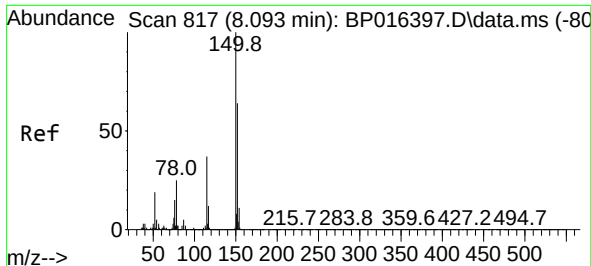
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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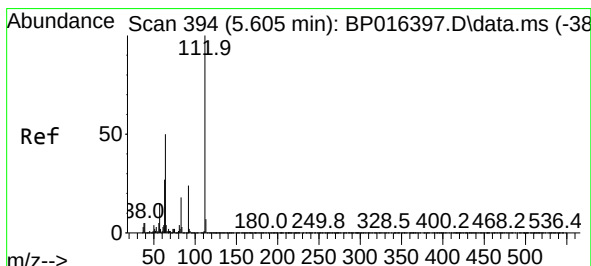
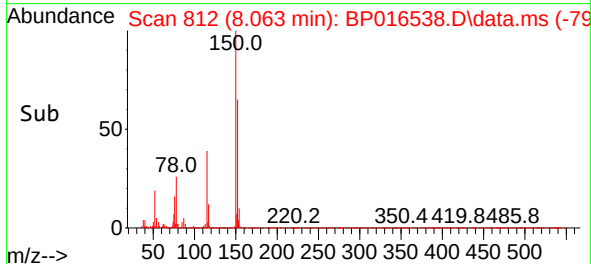
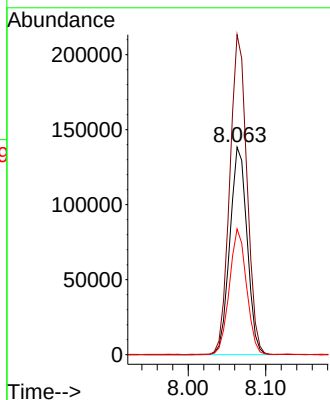
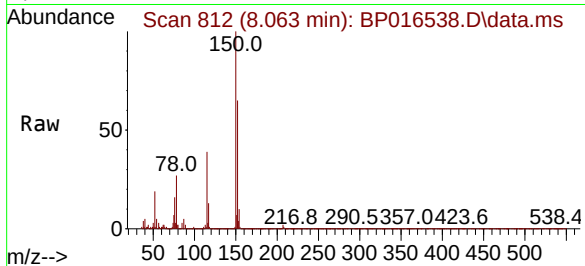




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP016538.D
Acq: 08 Aug 2023 14:59

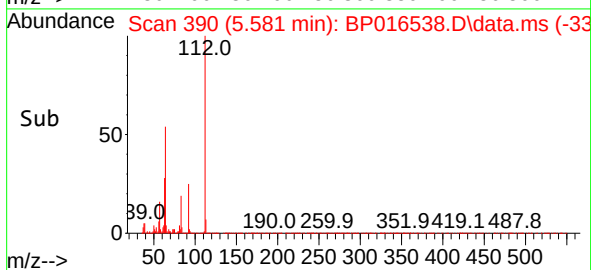
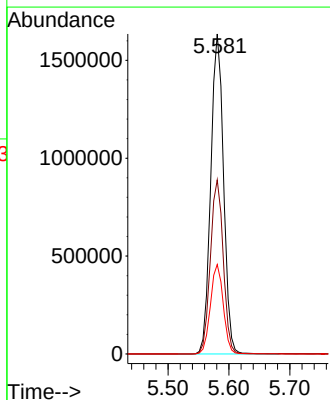
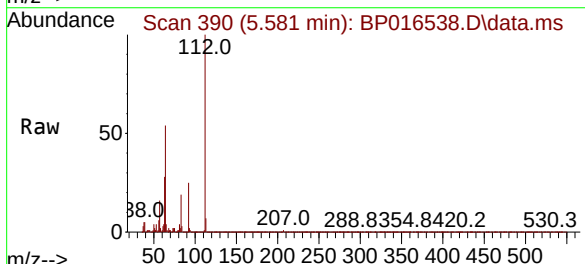
Instrument :
BNA_P
ClientSampleId :
MCLEAN-TP11

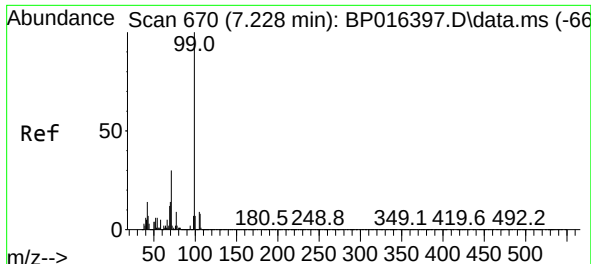
Tgt Ion:152 Resp: 214290
Ion Ratio Lower Upper
152 100
150 154.2 124.9 187.3
115 60.6 46.8 70.2



#5
2-Fluorophenol
Concen: 181.366 ng
RT: 5.581 min Scan# 390
Delta R.T. 0.006 min
Lab File: BP016538.D
Acq: 08 Aug 2023 14:59

Tgt Ion:112 Resp: 2382288
Ion Ratio Lower Upper
112 100
64 54.4 40.0 60.0
63 28.0 21.2 31.8



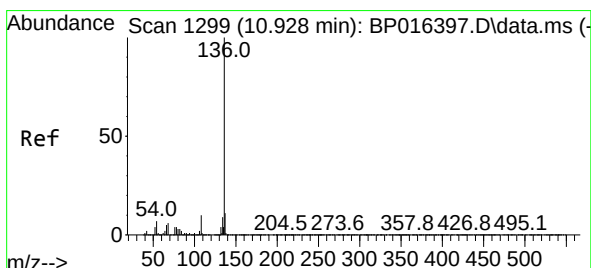
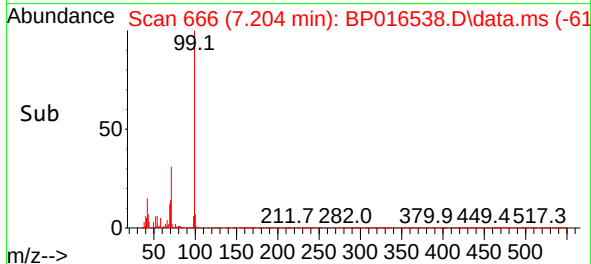
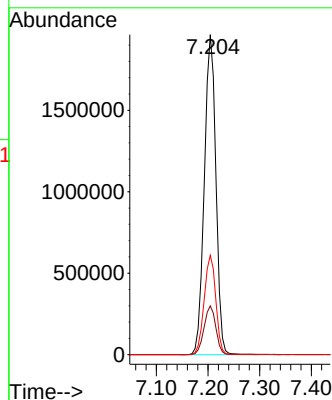
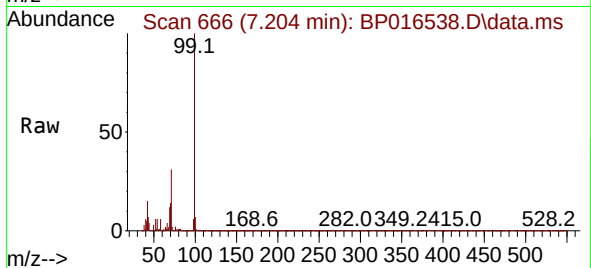


#7
Phenol-d6
Concen: 169.500 ng
RT: 7.204 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP016538.D
Acq: 08 Aug 2023 14:59

Instrument :
BNA_P
ClientSampleId :
MCLEAN-TP11

Tgt Ion: 99 Resp: 3051709

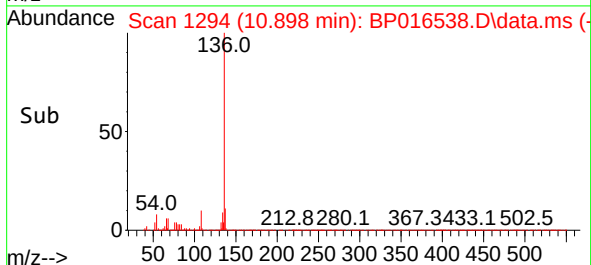
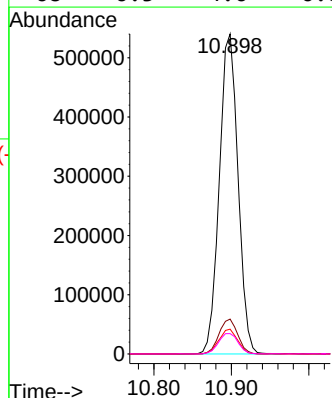
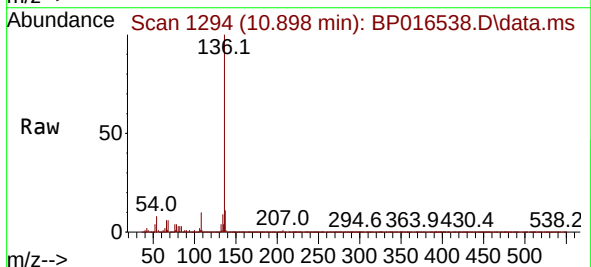
Ion	Ratio	Lower	Upper
99	100		
42	15.3	11.6	17.4
71	31.1	24.3	36.5

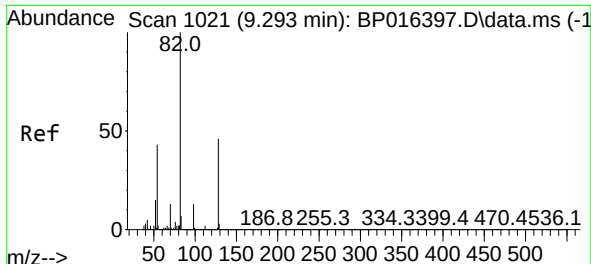


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BP016538.D
Acq: 08 Aug 2023 14:59

Tgt Ion:136 Resp: 903597

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.8	5.6	8.4
68	6.3	4.6	6.8





#23

Nitrobenzene-d5

Concen: 119.944 ng

RT: 9.263 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BP016538.D

Acq: 08 Aug 2023 14:59

Instrument :

BNA_P

ClientSampleId :

MCLEAN-TP11

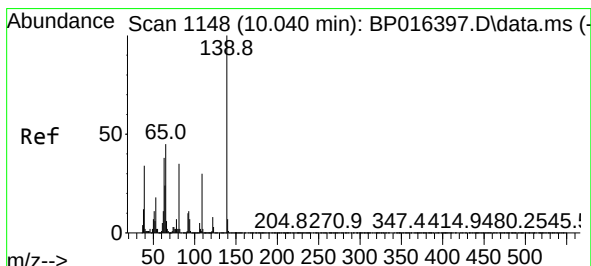
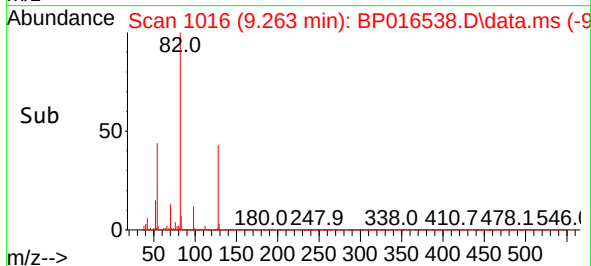
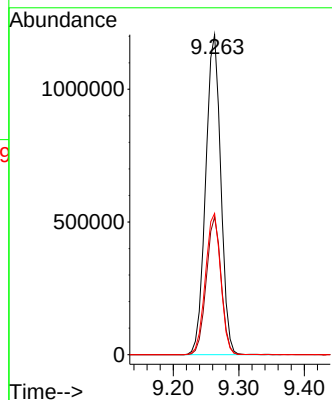
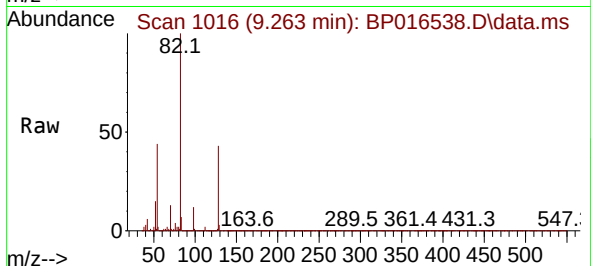
Tgt Ion: 82 Resp: 1936126

Ion Ratio Lower Upper

82 100

128 43.1 36.6 55.0

54 44.2 34.5 51.7



#26

2-Nitrophenol

Concen: 3.127 ng

RT: 10.004 min Scan# 1142

Delta R.T. -0.006 min

Lab File: BP016538.D

Acq: 08 Aug 2023 14:59

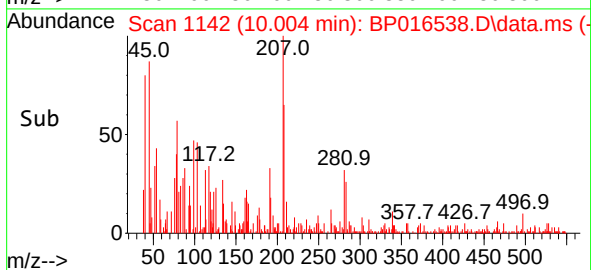
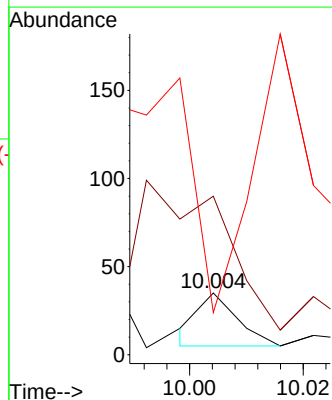
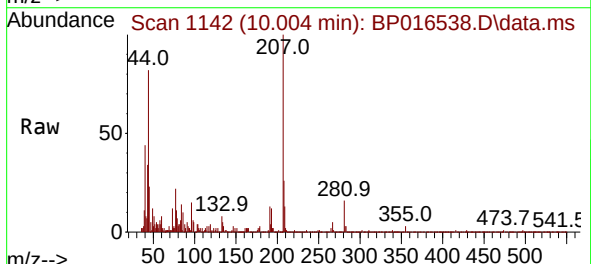
Tgt Ion:139 Resp: 14

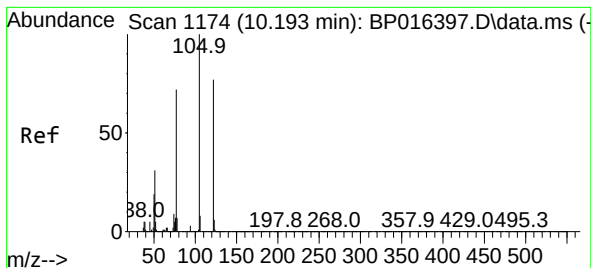
Ion Ratio Lower Upper

139 100

109 260.0 24.2 36.4#

65 68.6 35.8 53.6#





#32

Benzoic acid

Concen: 6.289 ng

RT: 10.139 min Scan# 1165

Delta R.T. -0.018 min

Lab File: BP016538.D

Acq: 08 Aug 2023 14:59

Instrument :

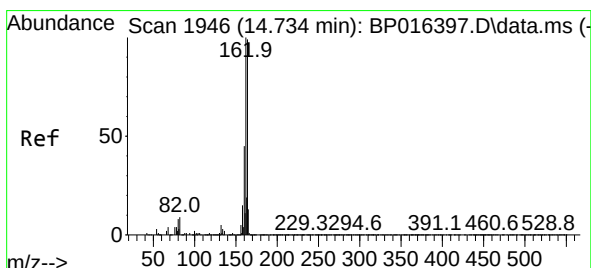
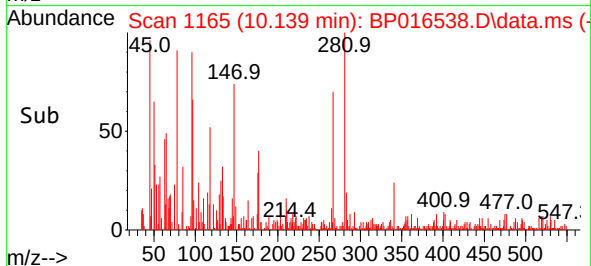
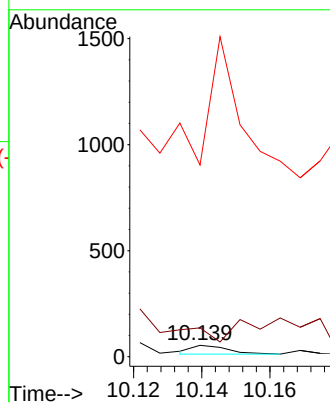
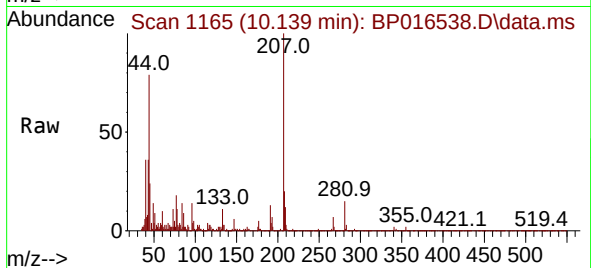
BNA_P

ClientSampleId :

MCLEAN-TP11

Tgt Ion:122 Resp: 31

Ion	Ratio	Lower	Upper
122	100		
105	251.9	105.2	145.2#
77	1674.1	72.2	112.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.716 min Scan# 1943

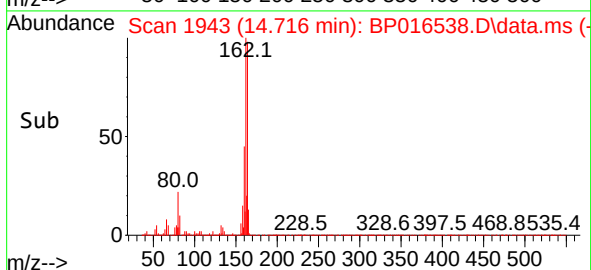
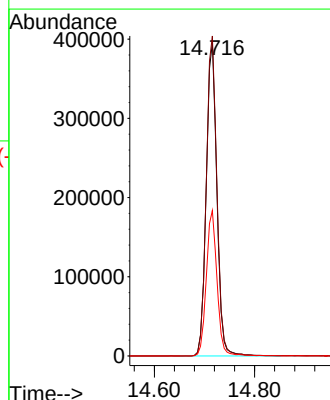
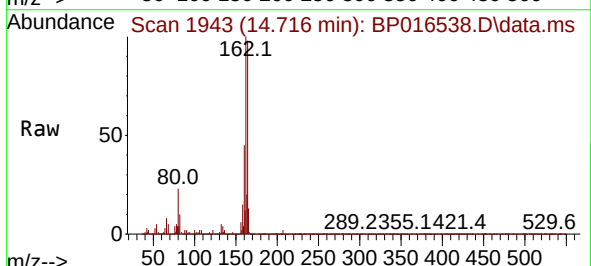
Delta R.T. -0.000 min

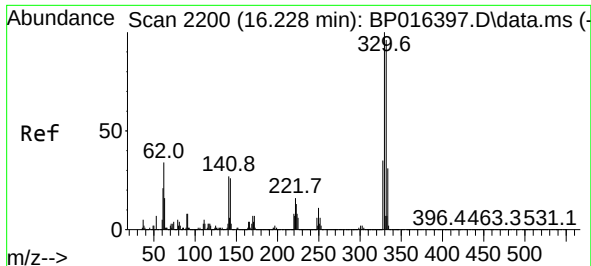
Lab File: BP016538.D

Acq: 08 Aug 2023 14:59

Tgt Ion:164 Resp: 581962

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.0	121.6
160	46.4	36.6	55.0

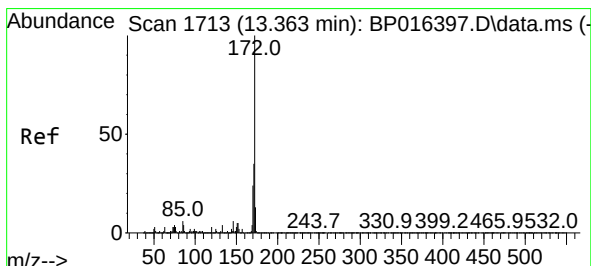
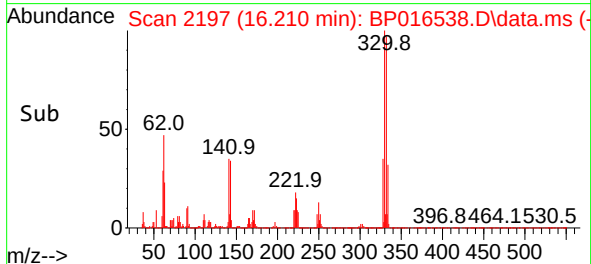
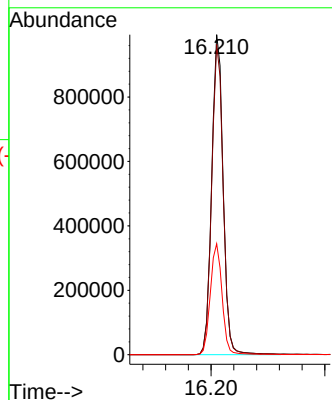
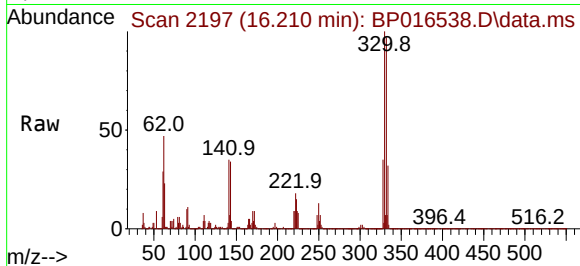




#42
2,4,6-Tribromophenol
Concen: 161.566 ng
RT: 16.210 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP016538.D
Acq: 08 Aug 2023 14:59

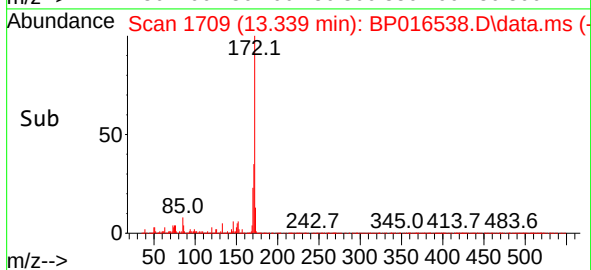
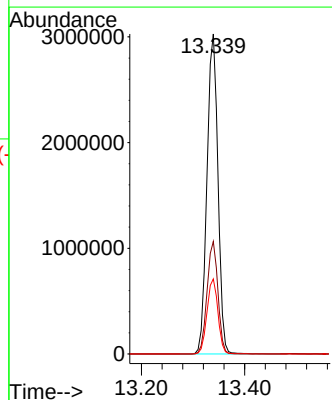
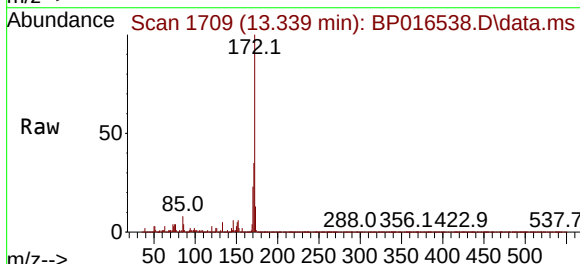
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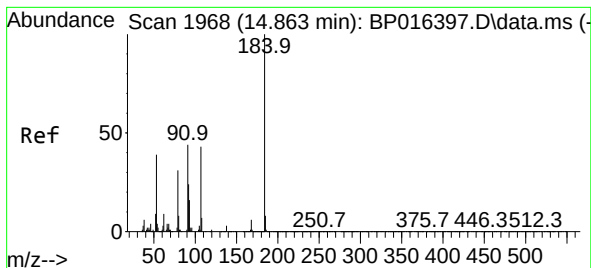
Tgt Ion:330 Resp: 1383252
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 35.5 22.6 34.0#



#45
2-Fluorobiphenyl
Concen: 109.632 ng
RT: 13.339 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BP016538.D
Acq: 08 Aug 2023 14:59

Tgt Ion:172 Resp: 4450247
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.5 19.1 28.7

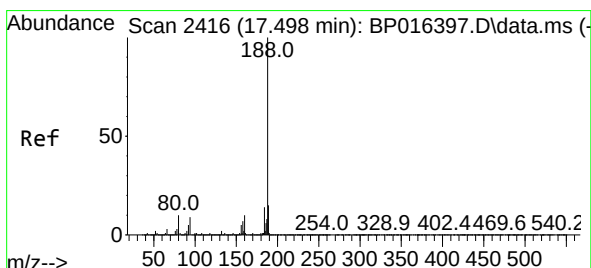
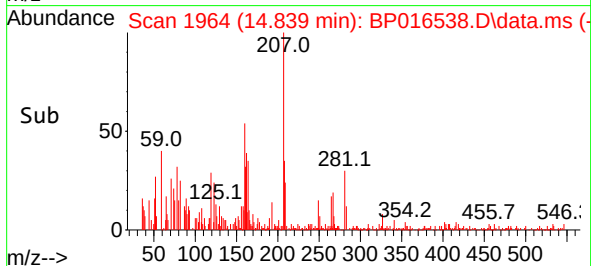
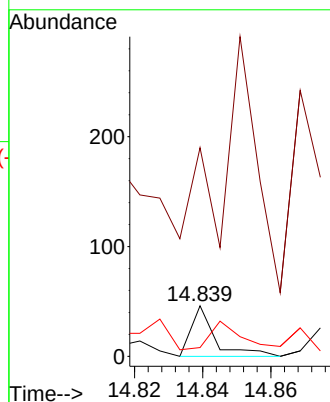
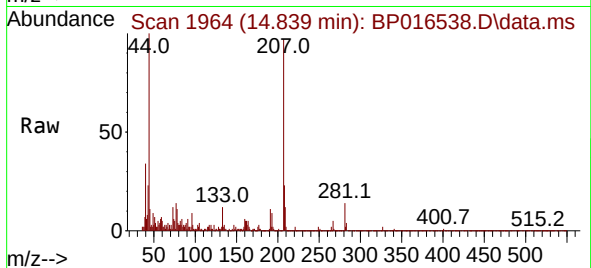




#54
2,4-Dinitrophenol
Concen: 8.006 ng
RT: 14.839 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BP016538.D
Acq: 08 Aug 2023 14:59

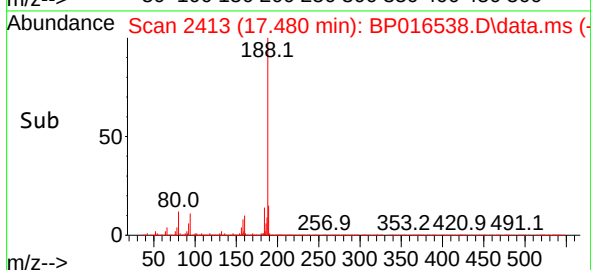
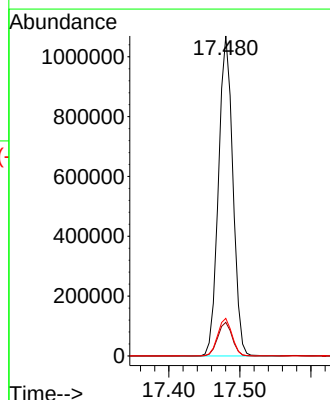
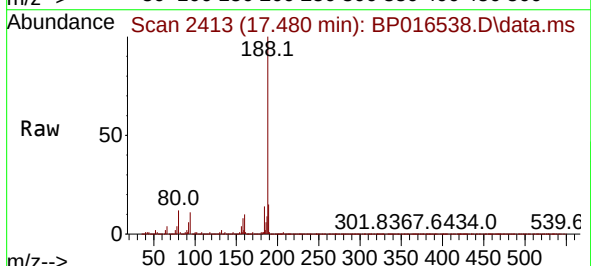
Instrument :
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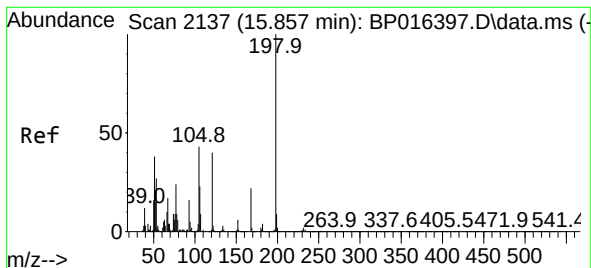
Tgt Ion:184 Resp: 22
Ion Ratio Lower Upper
184 100
63 569.6 48.2 72.4#
154 17.4 49.6 74.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP016538.D
Acq: 08 Aug 2023 14:59

Tgt Ion:188 Resp: 1499126
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.0
80 11.7 7.8 11.8

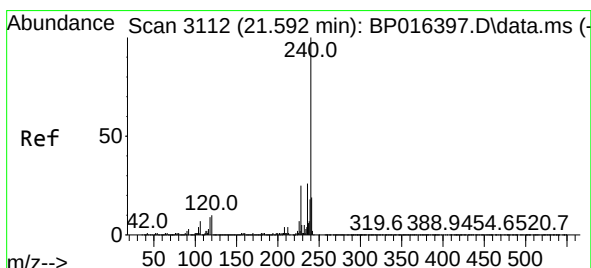
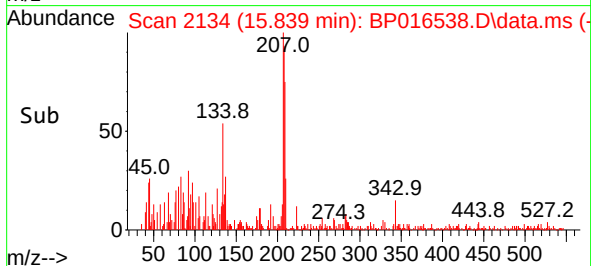
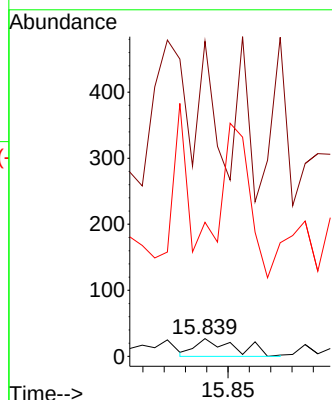
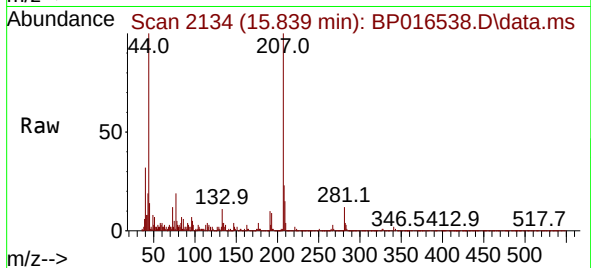




#65
4,6-Dinitro-2-methylphenol
Concen: 6.306 ng
RT: 15.839 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016538.D
Acq: 08 Aug 2023 14:59

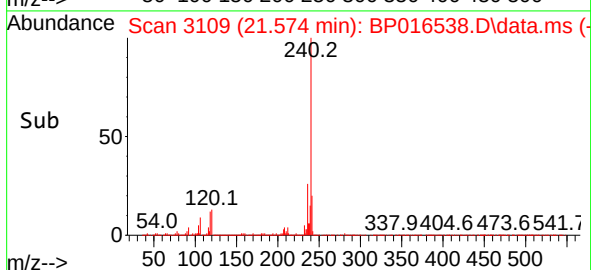
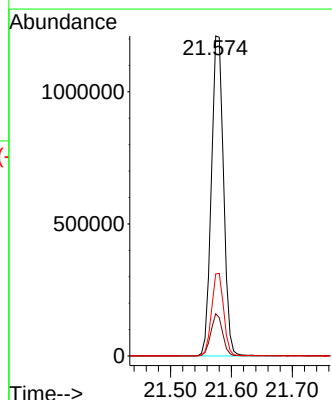
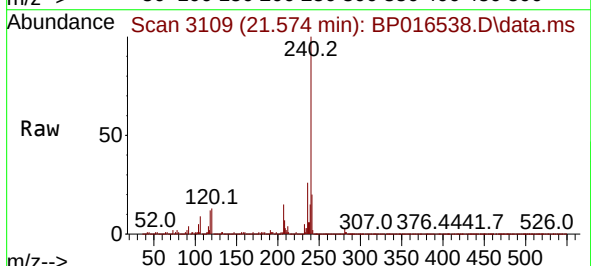
Instrument :
BNA_P
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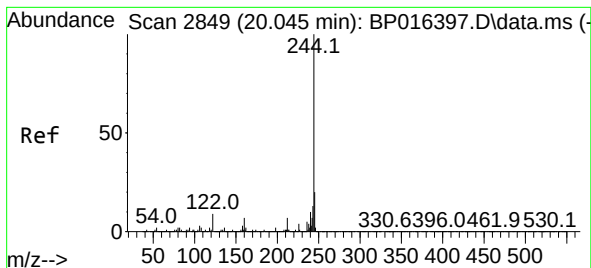
Tgt Ion:198 Resp: 36
Ion Ratio Lower Upper
198 100
51 1766.7 20.1 60.1#
105 751.9 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP016538.D
Acq: 08 Aug 2023 14:59

Tgt Ion:240 Resp: 1681489
Ion Ratio Lower Upper
240 100
120 13.2 7.9 11.9#
236 25.7 21.1 31.7





#79

Terphenyl-d14

Concen: 113.052 ng

RT: 20.027 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016538.D

Acq: 08 Aug 2023 14:59

Instrument :

BNA_P

ClientSampleId :

MCLEAN-TP11

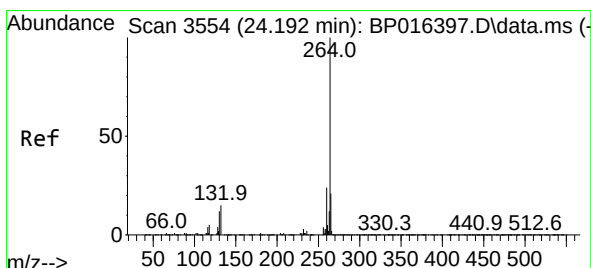
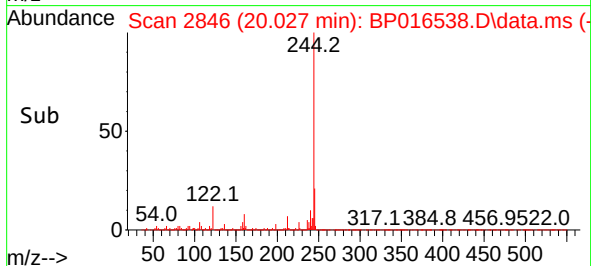
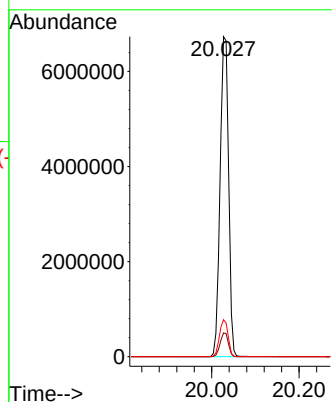
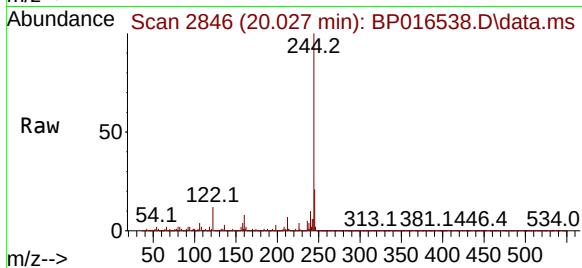
Tgt Ion:244 Resp: 8998993

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 11.5 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.168 min Scan# 3550

Delta R.T. -0.006 min

Lab File: BP016538.D

Acq: 08 Aug 2023 14:59

Tgt Ion:264 Resp: 1894081

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 21.6 17.4 26.0

