

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
 Data File : BP016421.D
 Acq On : 28 Jul 2023 13:56
 Operator : MA/JU
 Sample : PB154165TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154165TB

Quant Time: Jul 29 00:44:38 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)

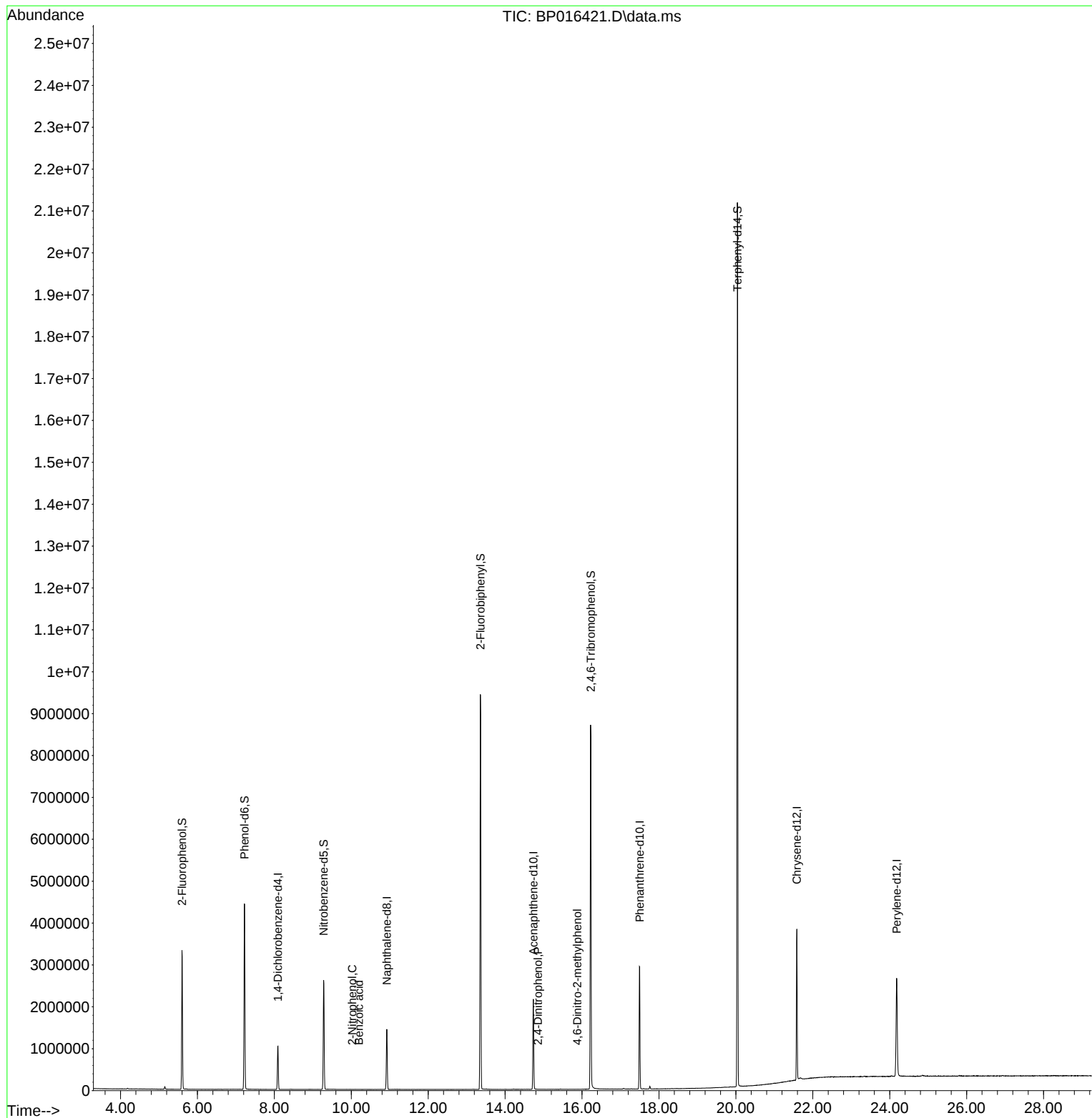
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	283399	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1179434	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	721115	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	1692653	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1639421	20.000	ng	0.00
86) Perylene-d12	24.180	264	1863487	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	1487179	85.611	ng	0.00
7) Phenol-d6	7.222	99	2579682	108.342	ng	0.00
23) Nitrobenzene-d5	9.281	82	1511200	71.725	ng	-0.01
42) 2,4,6-Tribromophenol	16.228	330	1693435	159.628	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	4823131	95.890	ng	0.00
79) Terphenyl-d14	20.039	244	10830717	139.555	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.216	77	4803	Below Cal	#	4
26) 2-Nitrophenol	10.022	139	81	3.134 ng	#	1
32) Benzoic acid	10.199	122	195	6.300 ng	#	1
54) 2,4-Dinitrophenol	14.851	184	12	8.004 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.875	198	16	6.303 ng	#	1

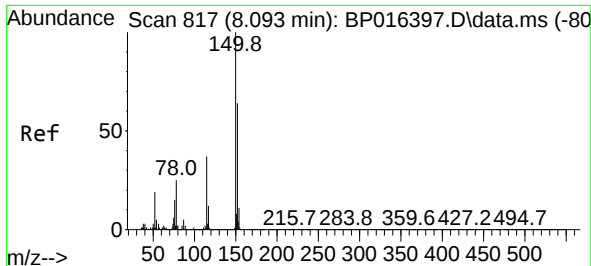
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
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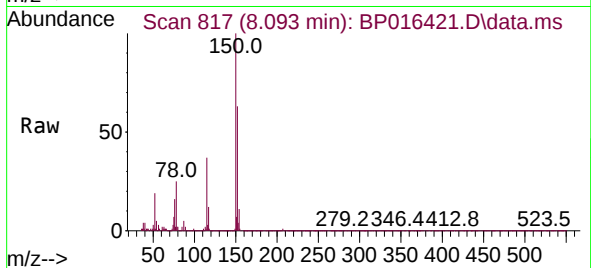
Quant Time: Jul 29 00:44:38 2023
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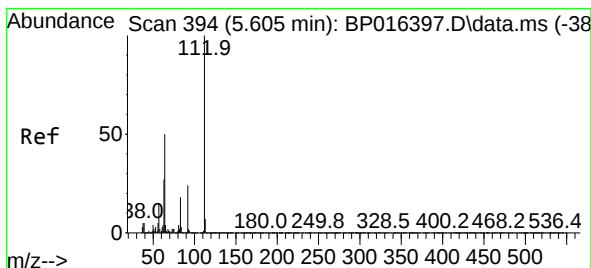
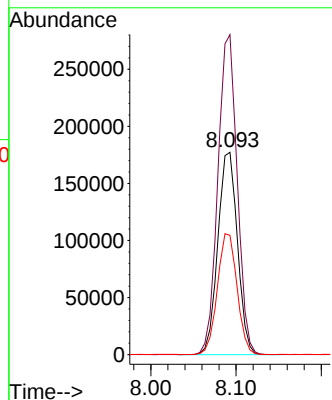
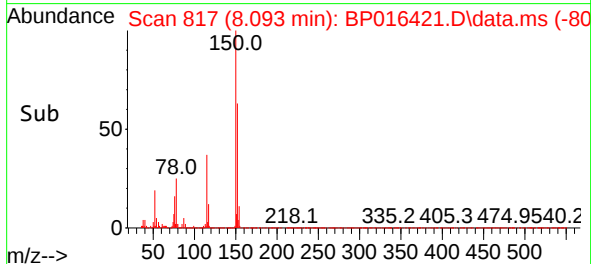


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP016421.D
Acq: 28 Jul 2023 13:56

Instrument :
BNA_P
ClientSampleId :
PB154165TB

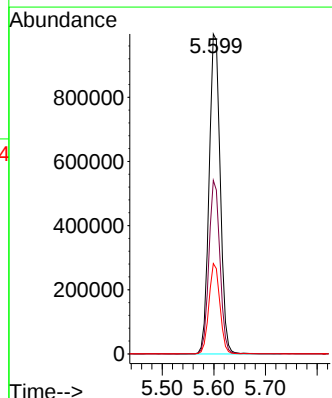
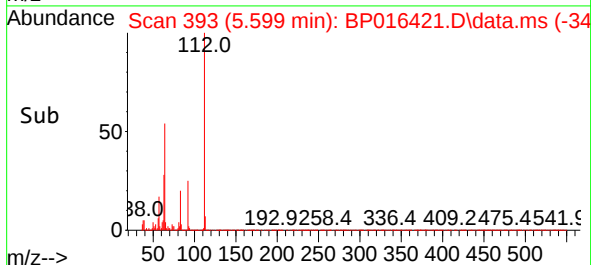
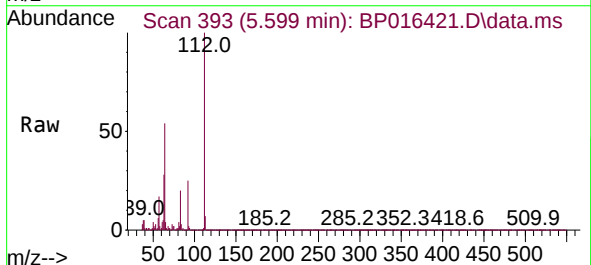


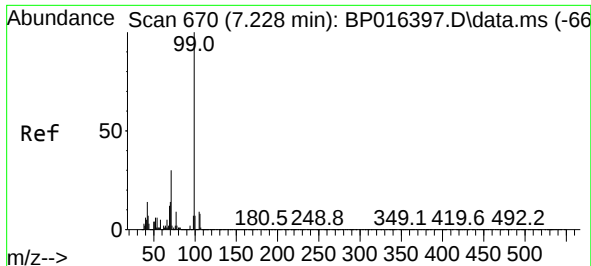
Tgt Ion:152 Resp: 283399
Ion Ratio Lower Upper
152 100
150 158.2 124.9 187.3
115 59.0 46.8 70.2



#5
2-Fluorophenol
Concen: 85.611 ng
RT: 5.599 min Scan# 393
Delta R.T. -0.006 min
Lab File: BP016421.D
Acq: 28 Jul 2023 13:56

Tgt Ion:112 Resp: 1487179
Ion Ratio Lower Upper
112 100
64 54.2 40.0 60.0
63 28.2 21.2 31.8



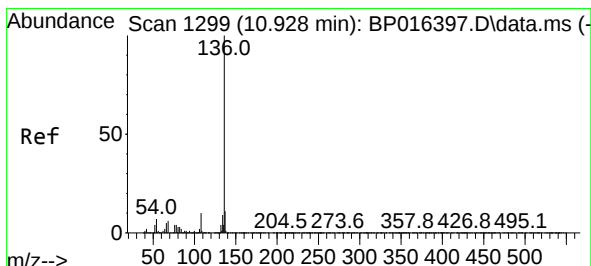
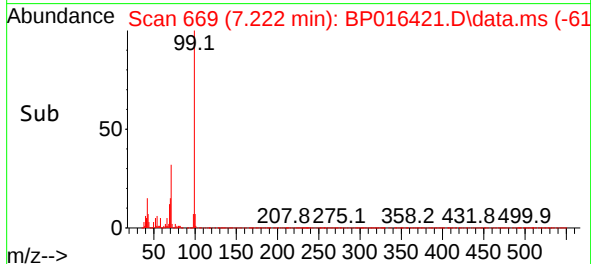
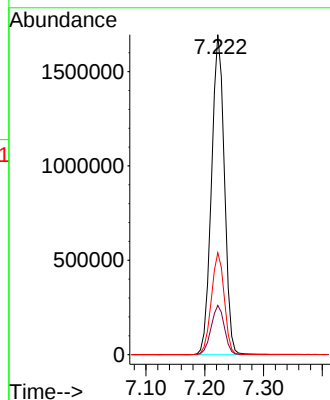
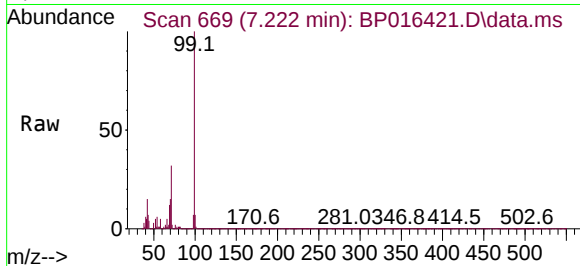


#7
Phenol-d6
Concen: 108.342 ng
RT: 7.222 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP016421.D
Acq: 28 Jul 2023 13:56

Instrument :
BNA_P
ClientSampleId :
PB154165TB

Tgt Ion: 99 Resp: 2579682

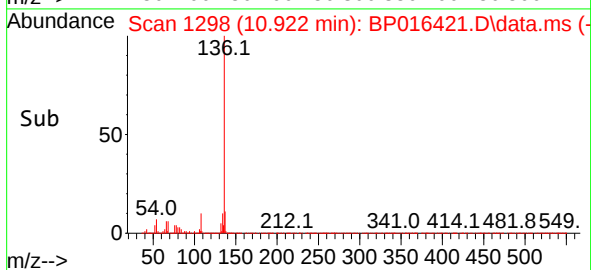
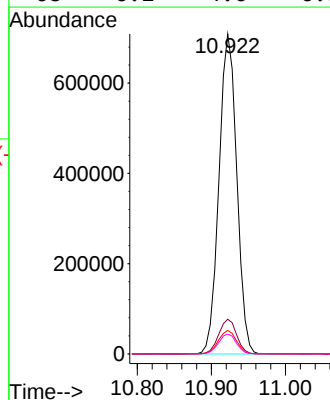
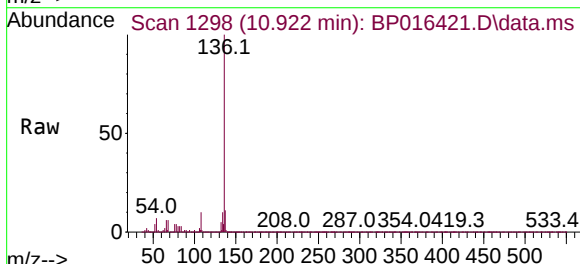
Ion	Ratio	Lower	Upper
99	100		
42	15.4	11.6	17.4
71	31.8	24.3	36.5

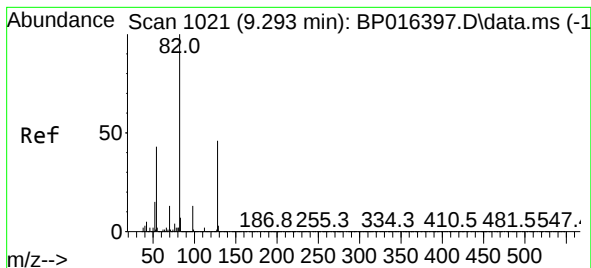


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP016421.D
Acq: 28 Jul 2023 13:56

Tgt Ion: 136 Resp: 1179434

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.3	5.6	8.4
68	6.2	4.6	6.8





#23

Nitrobenzene-d5

Concen: 71.725 ng

RT: 9.281 min Scan# 10

Delta R.T. -0.012 min

Lab File: BP016421.D

Acq: 28 Jul 2023 13:56

Instrument :

BNA_P

ClientSampleId :

PB154165TB

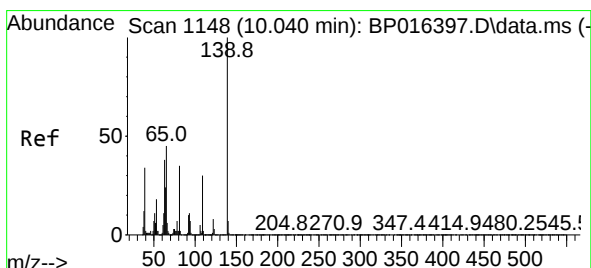
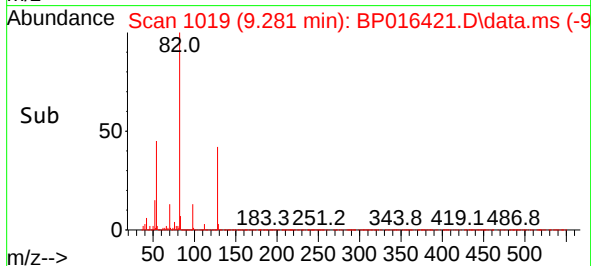
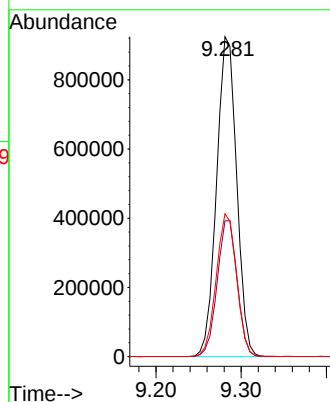
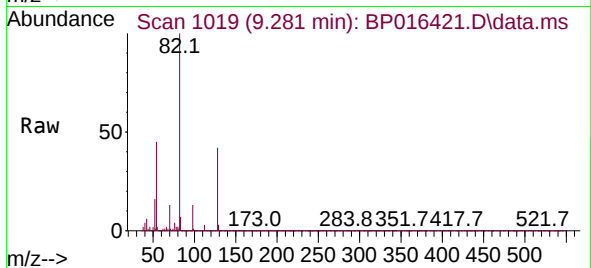
Tgt Ion: 82 Resp: 1511200

Ion Ratio Lower Upper

82 100

128 42.4 36.6 55.0

54 44.6 34.5 51.7



#26

2-Nitrophenol

Concen: 3.134 ng

RT: 10.022 min Scan# 1145

Delta R.T. -0.018 min

Lab File: BP016421.D

Acq: 28 Jul 2023 13:56

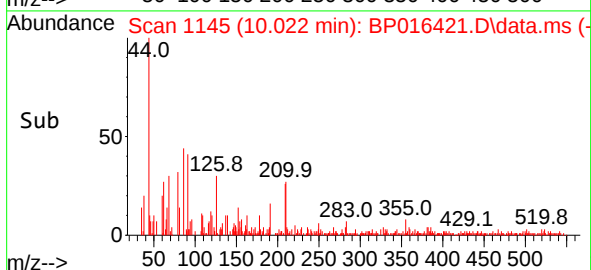
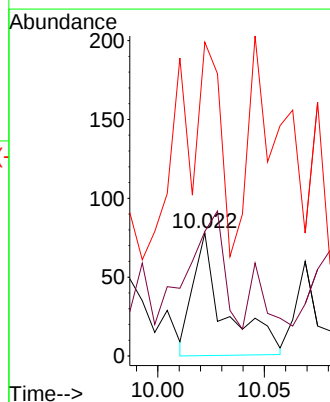
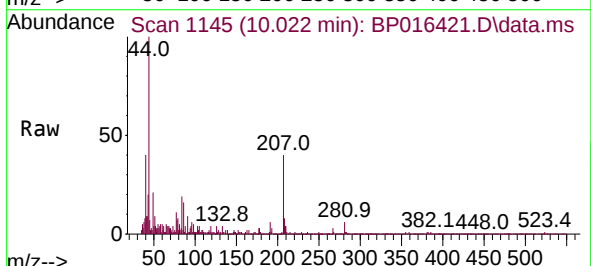
Tgt Ion: 139 Resp: 81

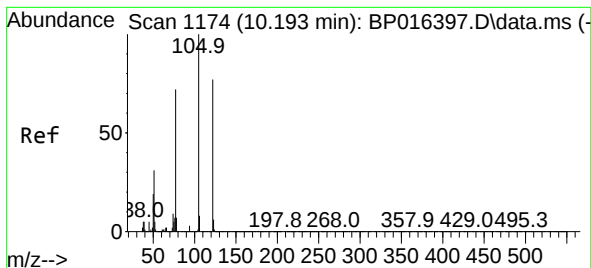
Ion Ratio Lower Upper

139 100

109 101.3 24.2 36.4#

65 255.1 35.8 53.6#





#32

Benzoic acid

Concen: 6.300 ng

RT: 10.199 min Scan# 1174

Delta R.T. 0.006 min

Lab File: BP016421.D

Acq: 28 Jul 2023 13:56

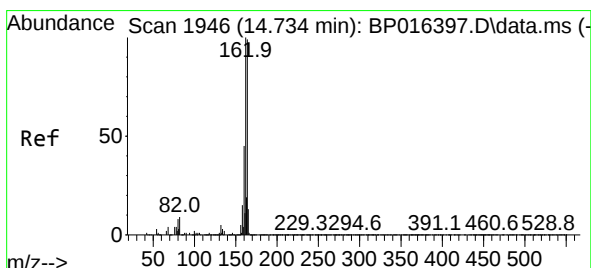
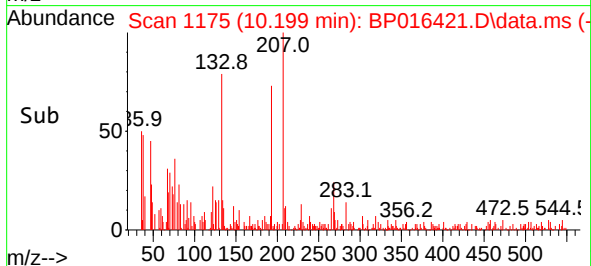
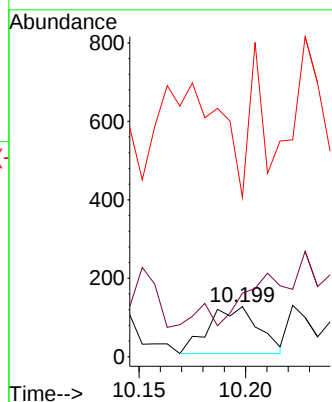
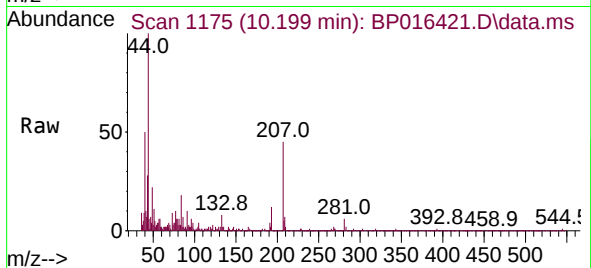
Instrument :

BNA_P

ClientSampleId :

PB154165TB

Tgt Ion:	122	Resp:	195
Ion	Ratio	Lower	Upper
122	100		
105	126.6	105.2	145.2
77	317.2	72.2	112.2



#39

Acenaphthene-d10

Concen: 20.000 ng

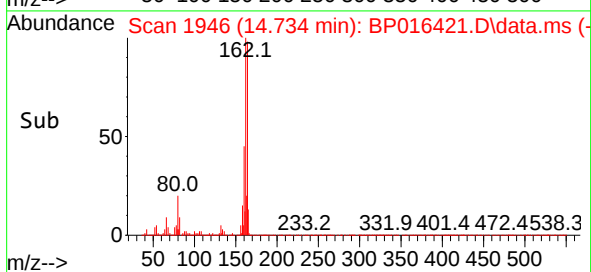
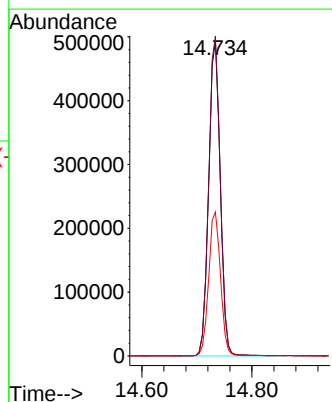
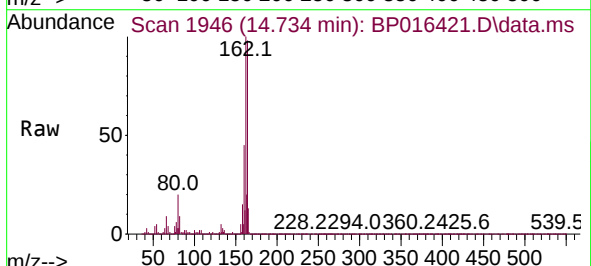
RT: 14.734 min Scan# 1946

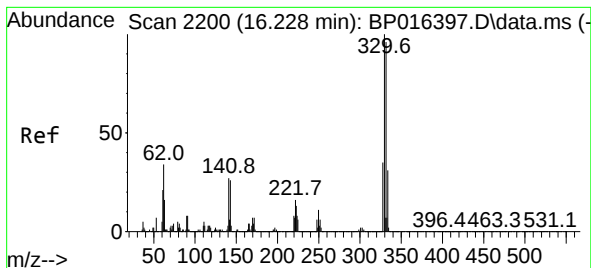
Delta R.T. -0.000 min

Lab File: BP016421.D

Acq: 28 Jul 2023 13:56

Tgt Ion:	164	Resp:	721115
Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.0	121.6
160	45.8	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 159.628 ng

RT: 16.228 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016421.D

Acq: 28 Jul 2023 13:56

Instrument :

BNA_P

ClientSampleId :

PB154165TB

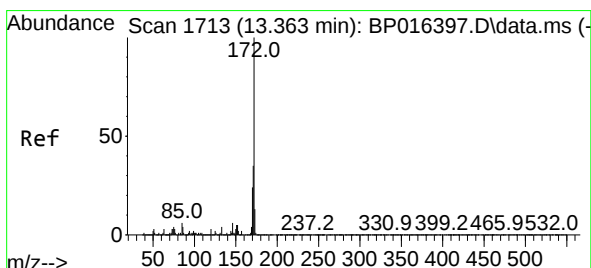
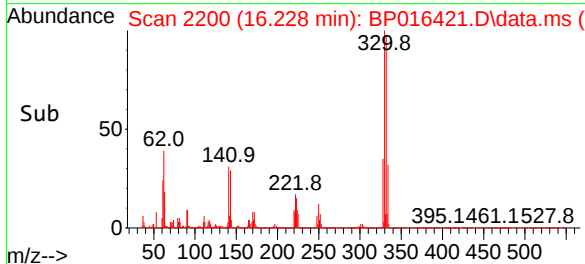
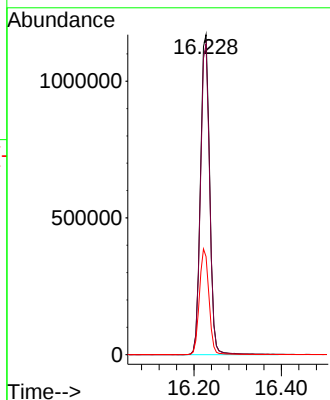
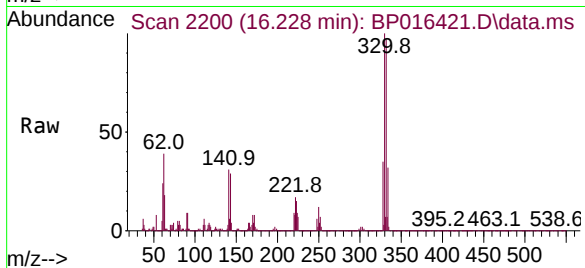
Tgt Ion:330 Resp: 1693435

Ion Ratio Lower Upper

330 100

332 96.5 77.8 116.8

141 34.4 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 95.890 ng

RT: 13.357 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP016421.D

Acq: 28 Jul 2023 13:56

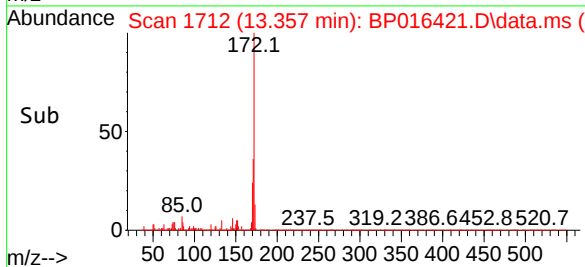
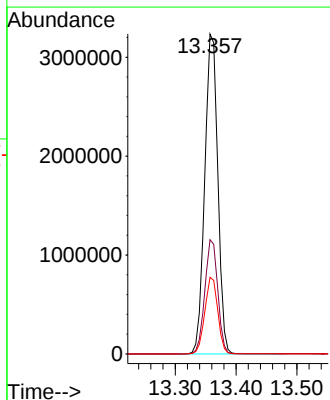
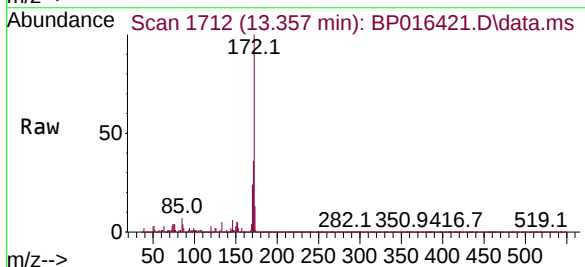
Tgt Ion:172 Resp: 4823131

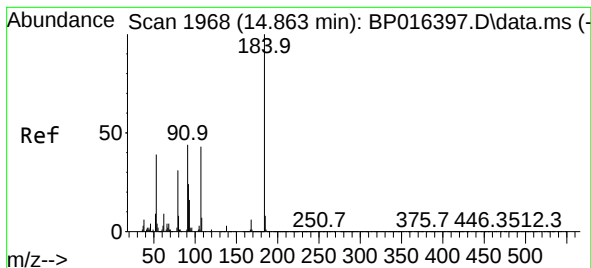
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.9 19.1 28.7

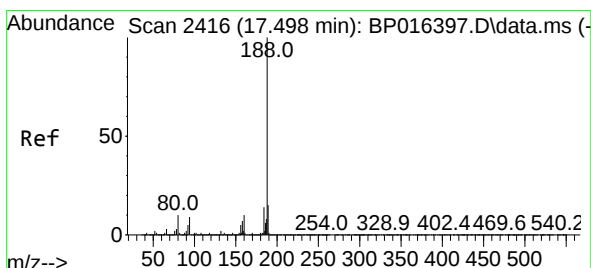
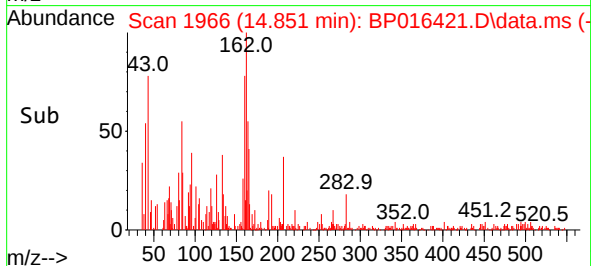
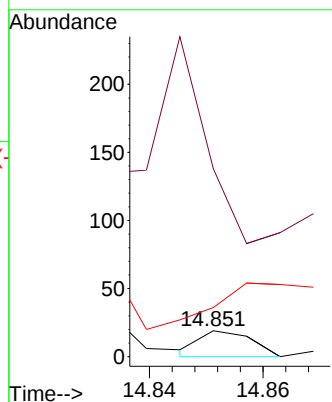
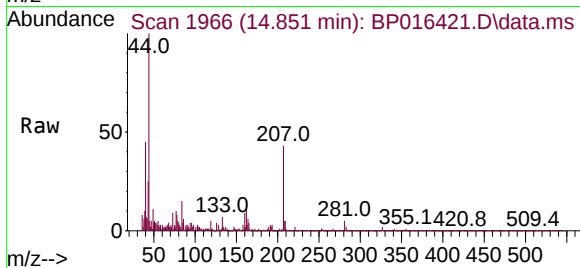




#54
2,4-Dinitrophenol
Concen: 8.004 ng
RT: 14.851 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BP016421.D
Acq: 28 Jul 2023 13:56

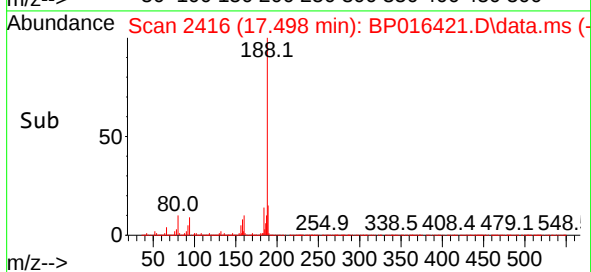
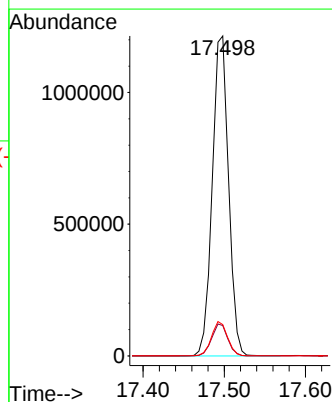
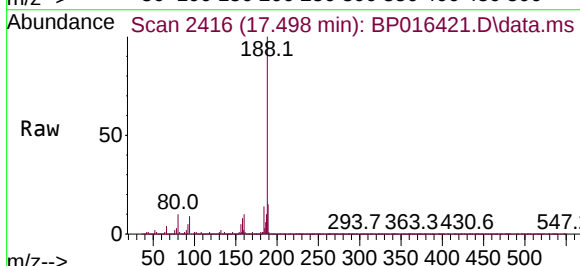
Instrument :
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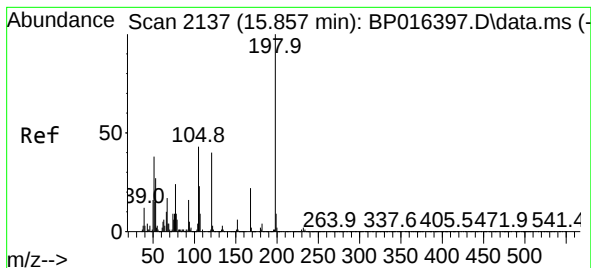
Tgt Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 726.3 48.2 72.4#
154 189.5 49.6 74.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BP016421.D
Acq: 28 Jul 2023 13:56

Tgt Ion:188 Resp: 1692653
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.0
80 9.8 7.8 11.8

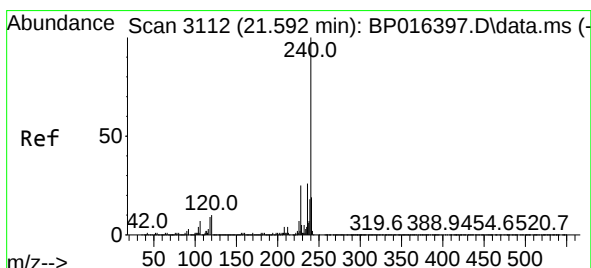
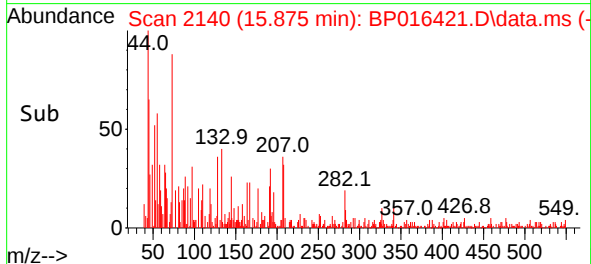
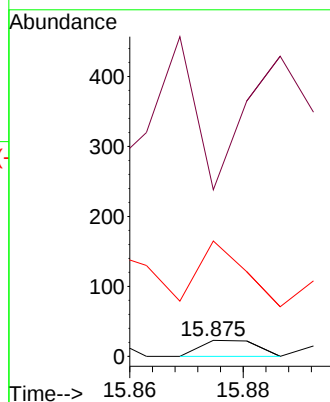
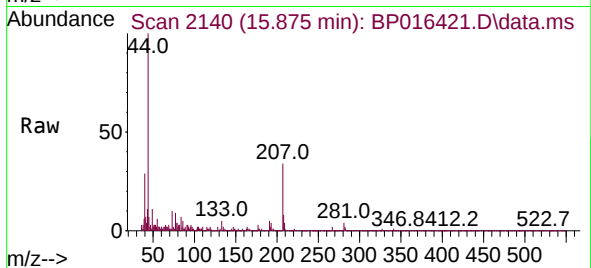




#65
4,6-Dinitro-2-methylphenol
Concen: 6.303 ng
RT: 15.875 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP016421.D
Acq: 28 Jul 2023 13:56

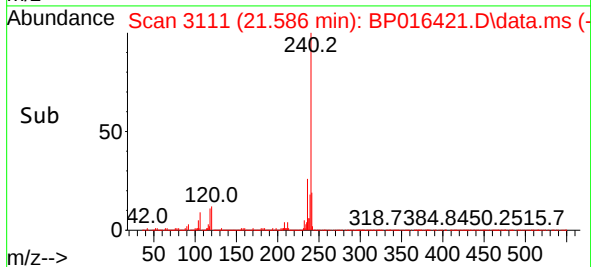
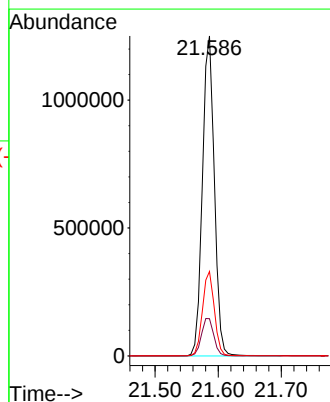
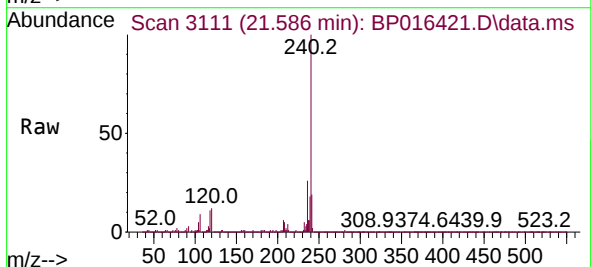
Instrument :
BNA_P
ClientSampleId :
PB154165TB

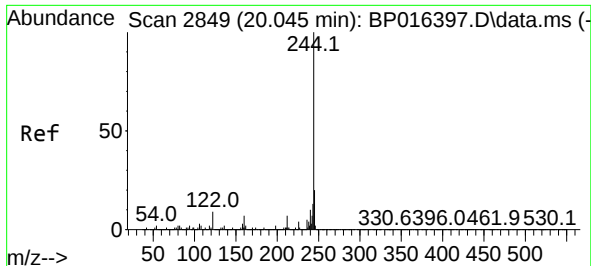
Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
51 1034.8 20.1 60.1#
105 717.4 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016421.D
Acq: 28 Jul 2023 13:56

Tgt Ion:240 Resp: 1639421
Ion Ratio Lower Upper
240 100
120 11.6 7.9 11.9
236 26.4 21.1 31.7

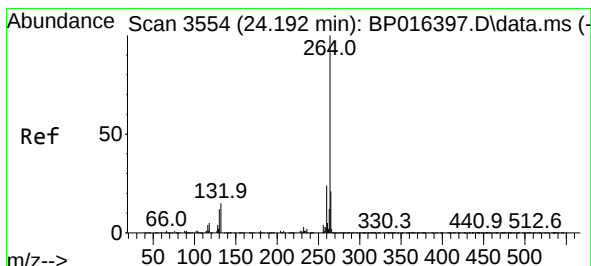
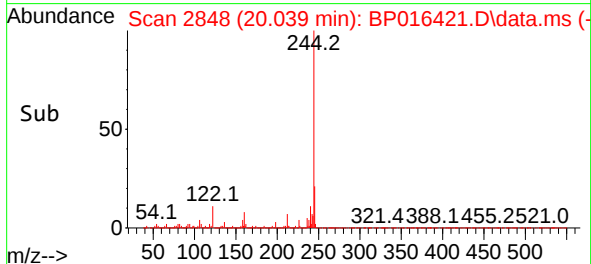
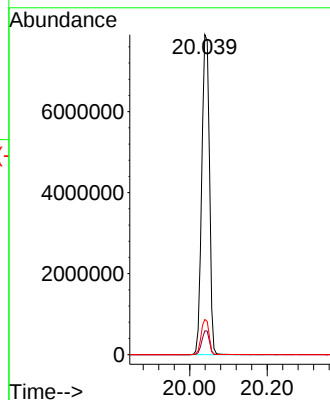
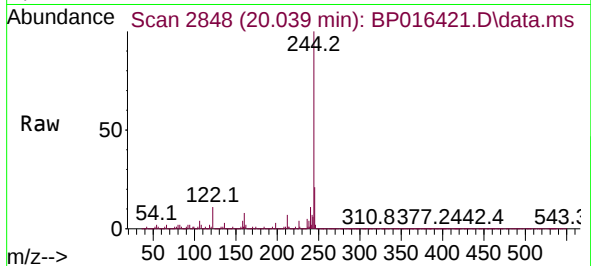




#79
 Terphenyl-d14
 Concen: 139.555 ng
 RT: 20.039 min Scan# 2848
 Delta R.T. -0.006 min
 Lab File: BP016421.D
 Acq: 28 Jul 2023 13:56

Instrument :
 BNA_P
 ClientSampleId :
 PB154165TB

Tgt Ion:244 Resp:10830717
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.6 8.4
 122 11.0 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: BP016421.D
 Acq: 28 Jul 2023 13:56

Tgt Ion:264 Resp: 1863487
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 21.5 17.4 26.0

