

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
 Data File : BP016454.D
 Acq On : 01 Aug 2023 13:55
 Operator : MA/JU
 Sample : 03810-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-P15B

Quant Time: Aug 01 15:53:24 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)

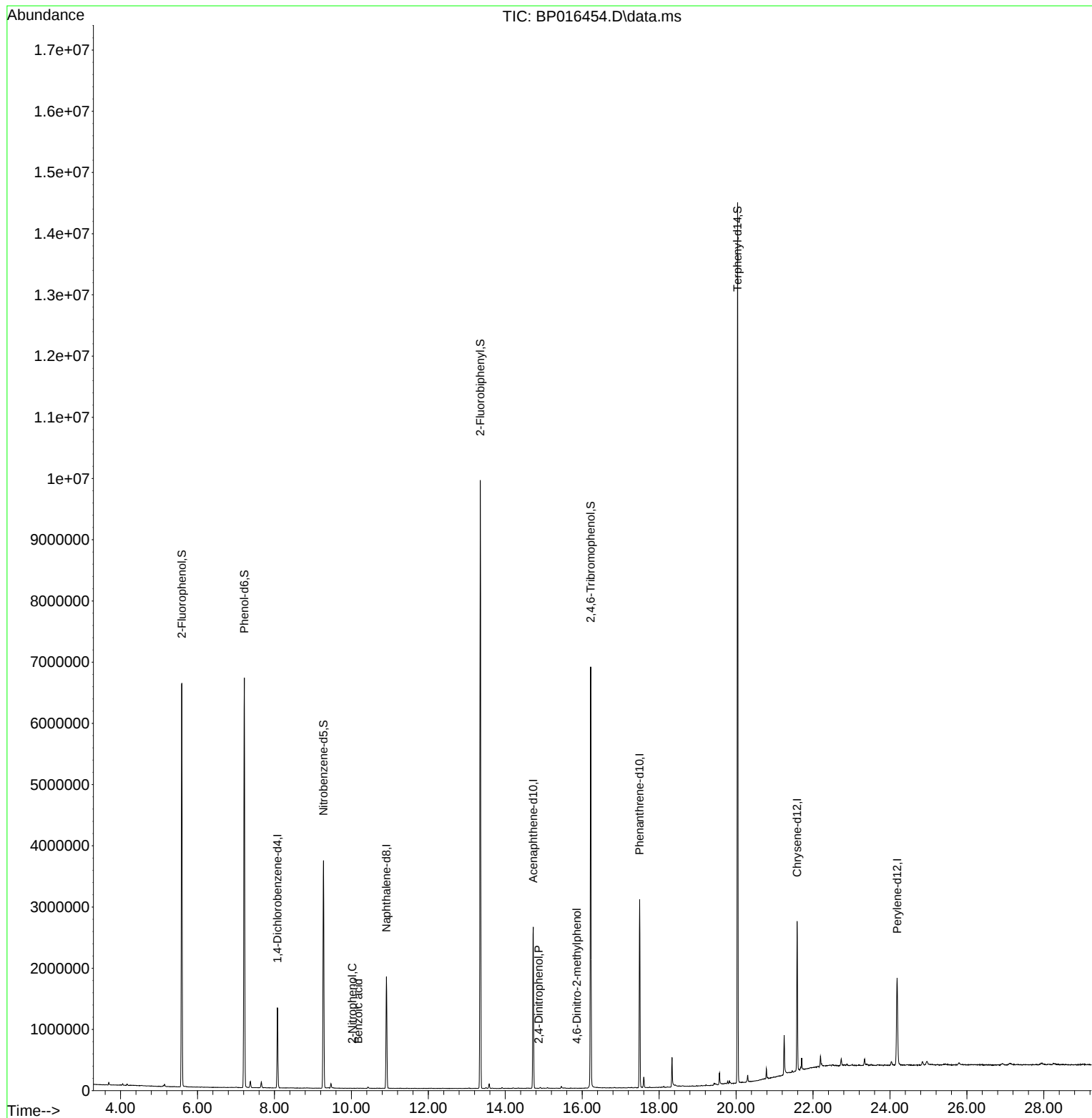
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	354072	20.000	ng	-0.02
21) Naphthalene-d8	10.910	136	1460464	20.000	ng	-0.02
39) Acenaphthene-d10	14.728	164	866049	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	1733451	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1107549	20.000	ng	# 0.00
86) Perylene-d12	24.186	264	1095011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	3034816	139.831	ng	-0.01
7) Phenol-d6	7.216	99	4066900	136.710	ng	-0.01
23) Nitrobenzene-d5	9.275	82	2152377	82.499	ng	-0.02
42) 2,4,6-Tribromophenol	16.222	330	1233082	96.782	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	4903376	81.171	ng	-0.01
79) Terphenyl-d14	20.039	244	6303709	120.230	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.216	77	7670	Below Cal	#	8
26) 2-Nitrophenol	10.022	139	17	3.127 ng	#	1
32) Benzoic acid	10.181	122	181	6.296 ng	#	1
54) 2,4-Dinitrophenol	14.869	184	68	8.011 ng	#	16
65) 4,6-Dinitro-2-methylph...	15.863	198	8	6.302 ng	#	1

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

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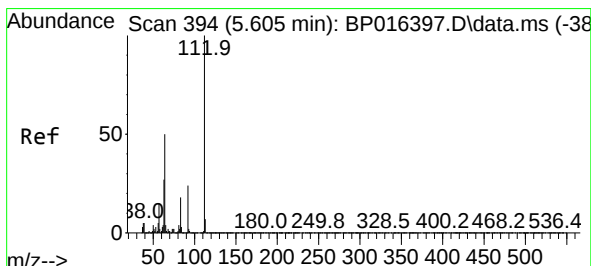
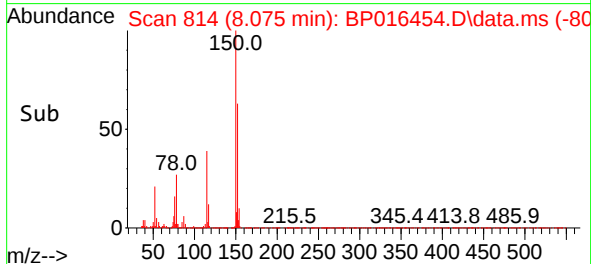
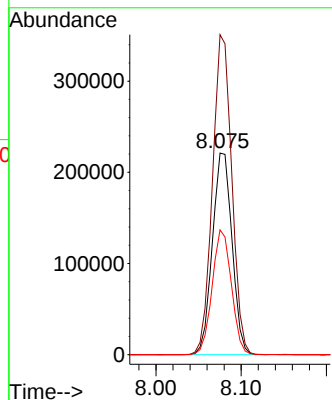
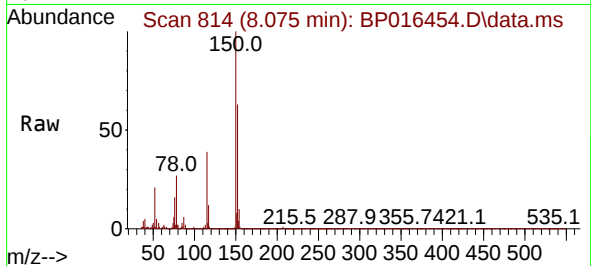




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 817
Delta R.T. -0.018 min
Lab File: BP016454.D
Acq: 01 Aug 2023 13:55

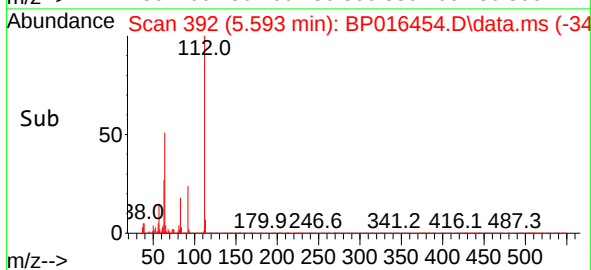
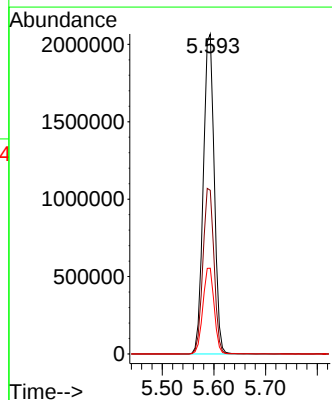
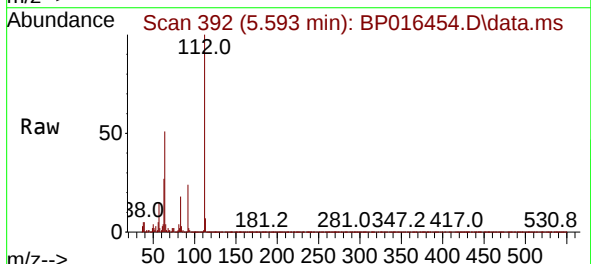
Instrument :
BNA_P
ClientSampleId :
B-P15B

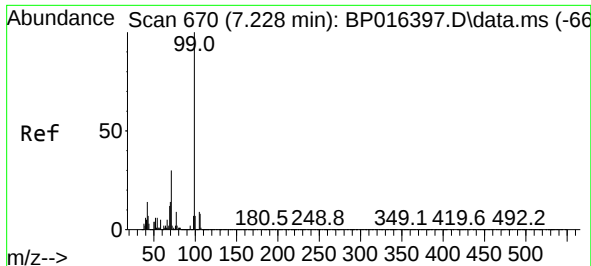
Tgt Ion:152 Resp: 354072
Ion Ratio Lower Upper
152 100
150 158.8 124.9 187.3
115 62.0 46.8 70.2



#5
2-Fluorophenol
Concen: 139.831 ng
RT: 5.593 min Scan# 392
Delta R.T. -0.012 min
Lab File: BP016454.D
Acq: 01 Aug 2023 13:55

Tgt Ion:112 Resp: 3034816
Ion Ratio Lower Upper
112 100
64 51.2 40.0 60.0
63 26.8 21.2 31.8

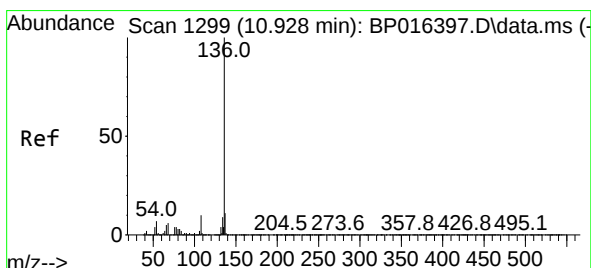
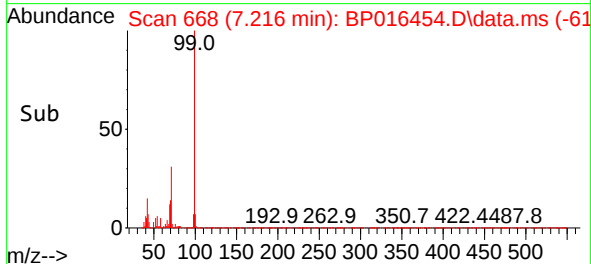
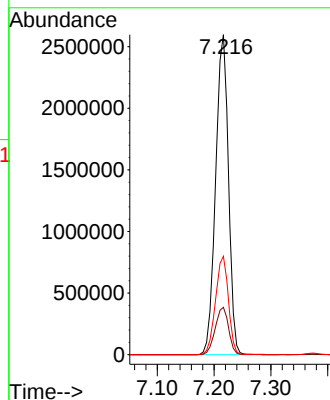
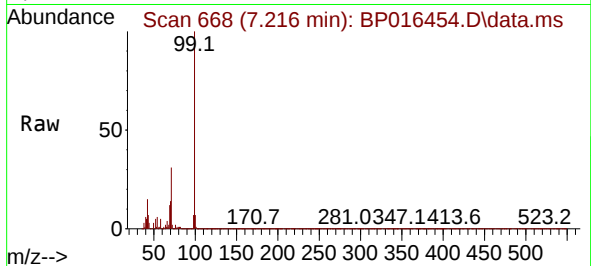




#7
Phenol-d6
Concen: 136.710 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP016454.D
Acq: 01 Aug 2023 13:55

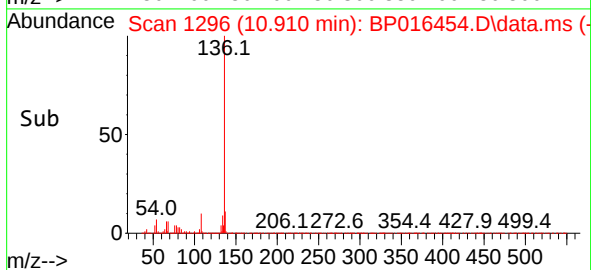
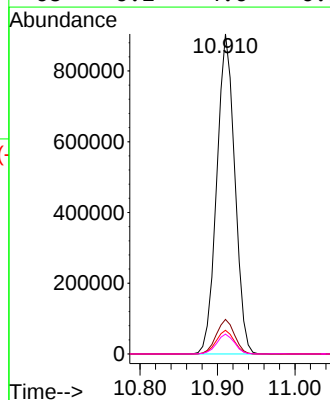
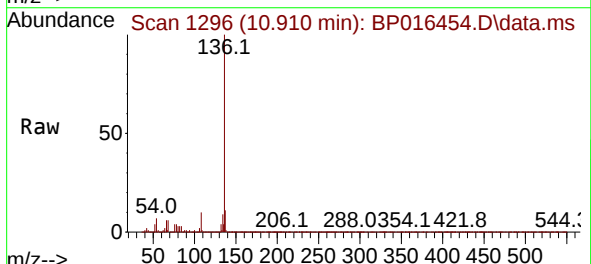
Instrument :
BNA_P
ClientSampleId :
B-P15B

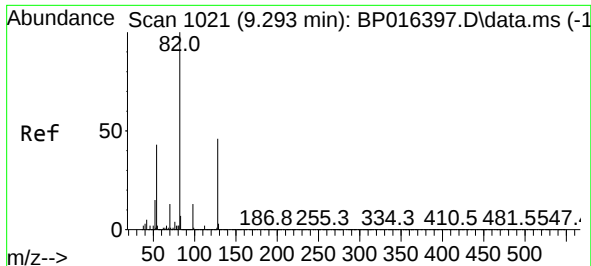
Tgt Ion: 99 Resp: 4066900
Ion Ratio Lower Upper
99 100
42 14.8 11.6 17.4
71 30.8 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1296
Delta R.T. -0.018 min
Lab File: BP016454.D
Acq: 01 Aug 2023 13:55

Tgt Ion:136 Resp: 1460464
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.4 5.6 8.4
68 6.2 4.6 6.8

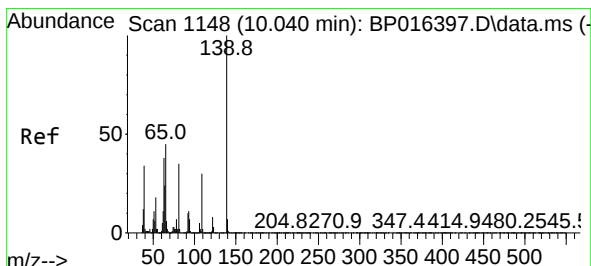
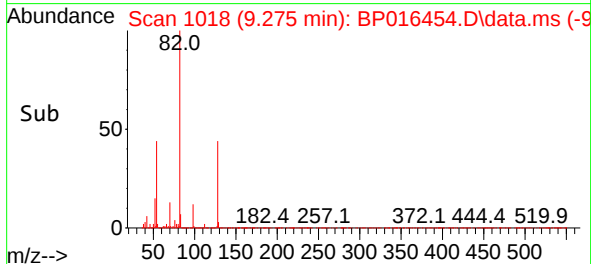
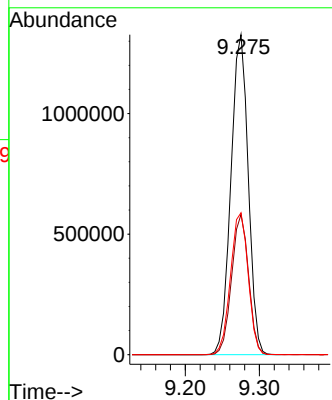
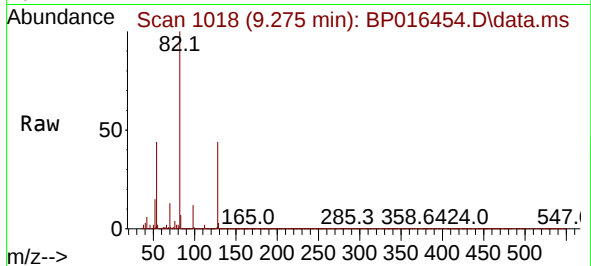




#23
Nitrobenzene-d5
Concen: 82.499 ng
RT: 9.275 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BP016454.D
Acq: 01 Aug 2023 13:55

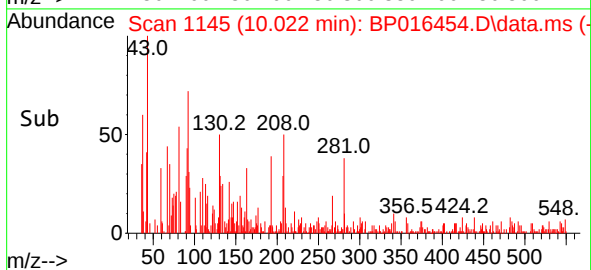
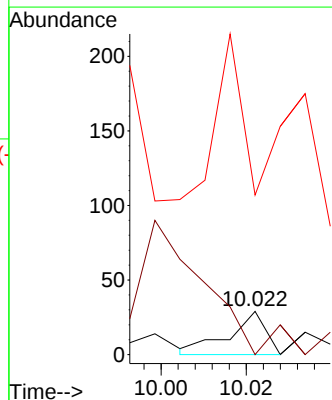
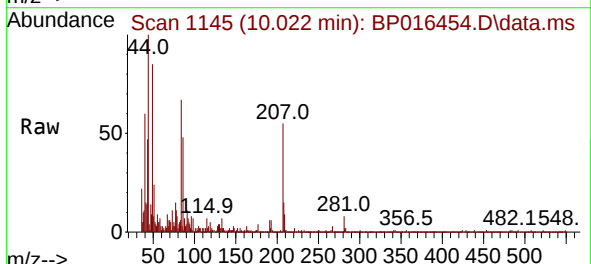
Instrument :
BNA_P
ClientSampleId :
B-P15B

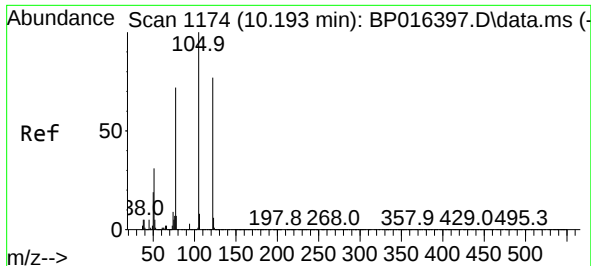
Tgt Ion: 82 Resp: 2152377
Ion Ratio Lower Upper
82 100
128 43.8 36.6 55.0
54 44.3 34.5 51.7



#26
2-Nitrophenol
Concen: 3.127 ng
RT: 10.022 min Scan# 1145
Delta R.T. -0.018 min
Lab File: BP016454.D
Acq: 01 Aug 2023 13:55

Tgt Ion: 139 Resp: 17
Ion Ratio Lower Upper
139 100
109 0.0 24.2 36.4#
65 369.0 35.8 53.6#

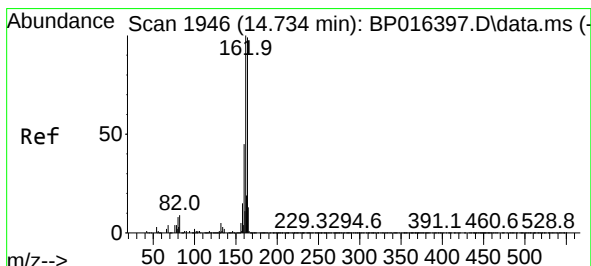
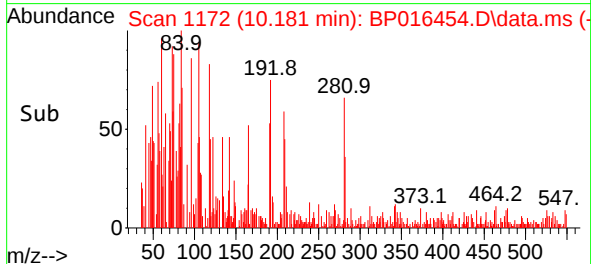
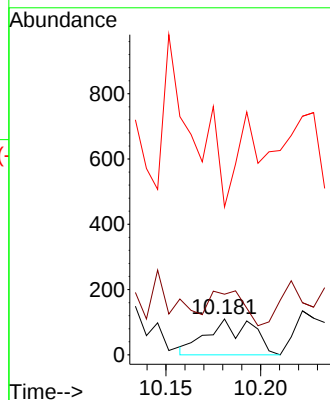
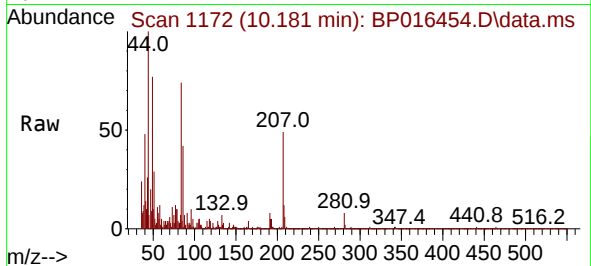




#32
Benzoic acid
Concen: 6.296 ng
RT: 10.181 min Scan# 1172
Delta R.T. -0.012 min
Lab File: BP016454.D
Acq: 01 Aug 2023 13:55

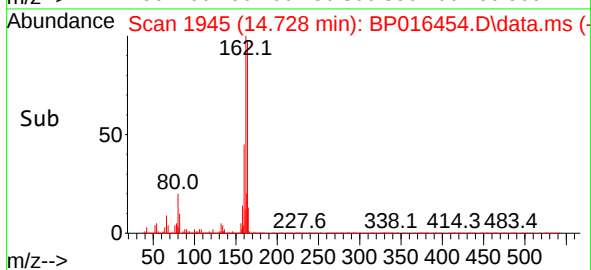
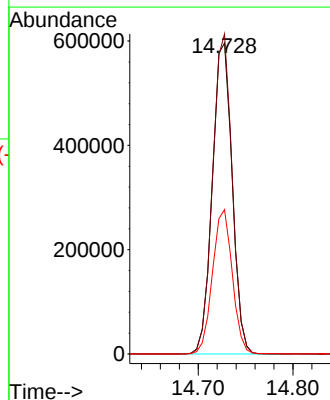
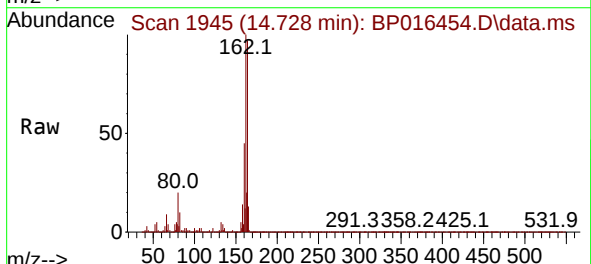
Instrument :
BNA_P
ClientSampleId :
B-P15B

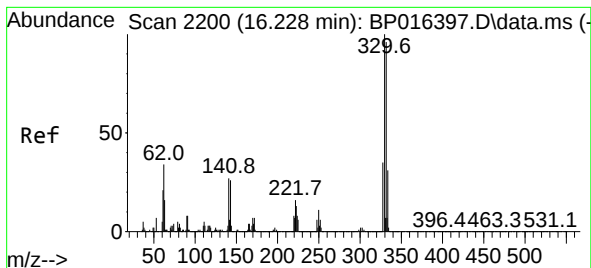
Tgt Ion:122 Resp: 181
Ion Ratio Lower Upper
122 100
105 169.1 105.2 145.2#
77 411.8 72.2 112.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP016454.D
Acq: 01 Aug 2023 13:55

Tgt Ion:164 Resp: 866049
Ion Ratio Lower Upper
164 100
162 102.9 81.0 121.6
160 46.4 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 96.782 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016454.D

Acq: 01 Aug 2023 13:55

Instrument :

BNA_P

ClientSampleId :

B-P15B

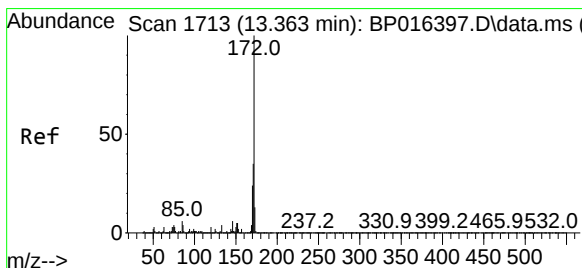
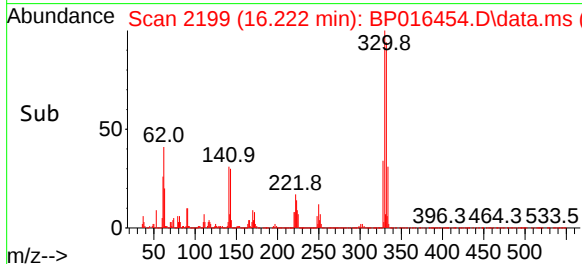
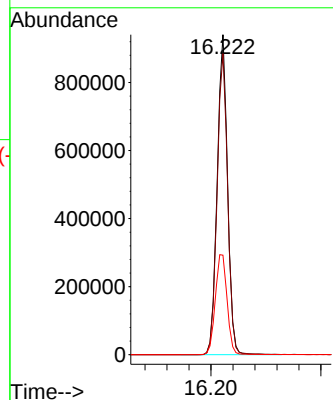
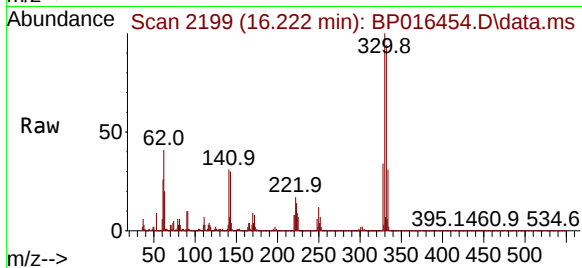
Tgt Ion:330 Resp: 1233082

Ion Ratio Lower Upper

330 100

332 95.9 77.8 116.8

141 35.4 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 81.171 ng

RT: 13.351 min Scan# 1711

Delta R.T. -0.012 min

Lab File: BP016454.D

Acq: 01 Aug 2023 13:55

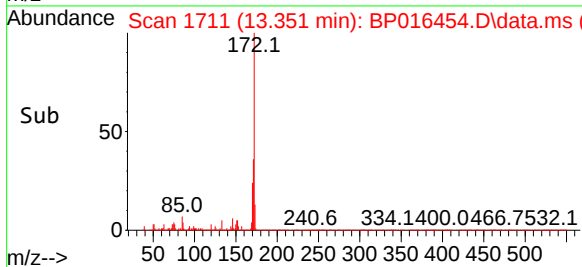
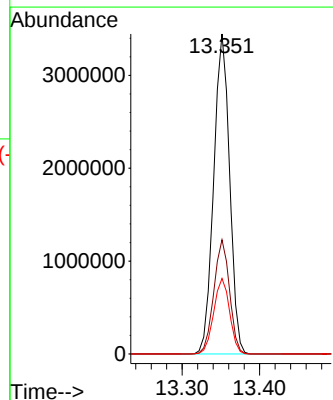
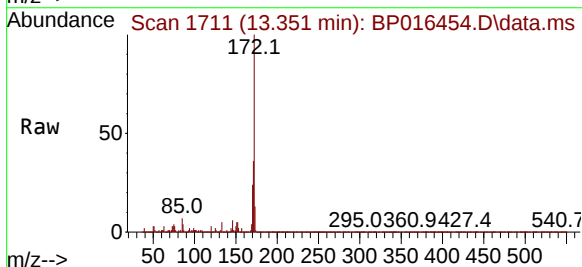
Tgt Ion:172 Resp: 4903376

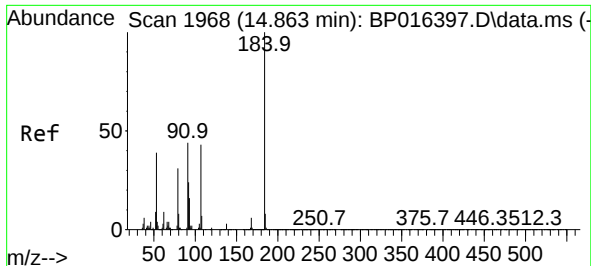
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.6 19.1 28.7

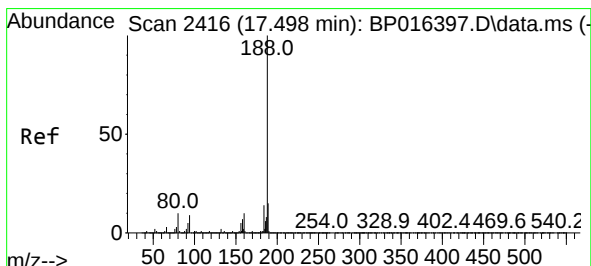
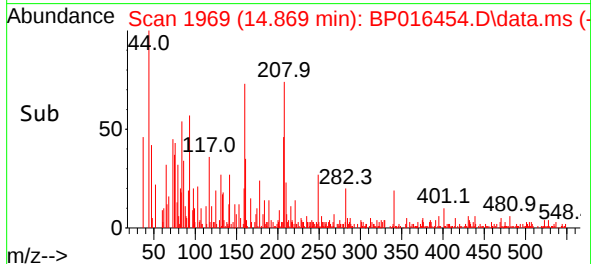
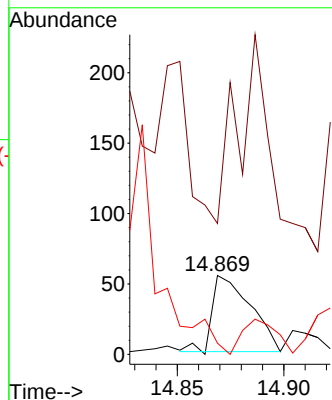
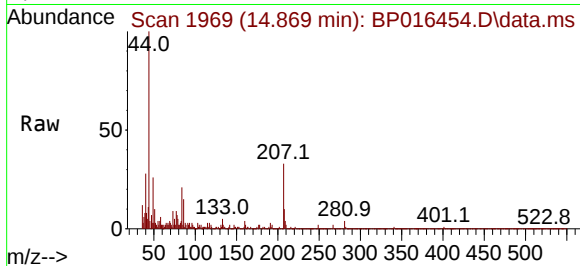




#54
2,4-Dinitrophenol
Concen: 8.011 ng
RT: 14.869 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP016454.D
Acq: 01 Aug 2023 13:55

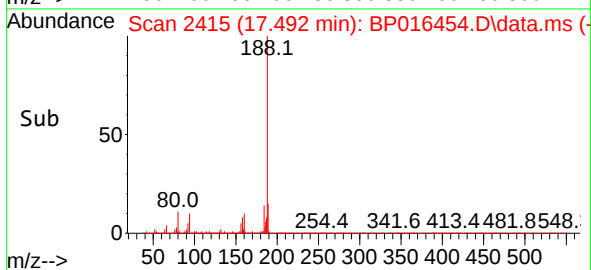
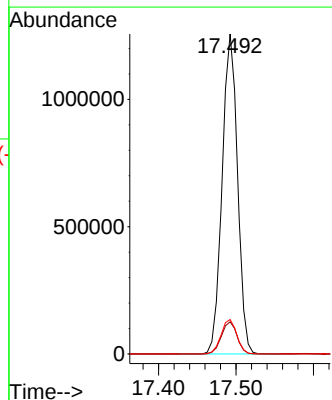
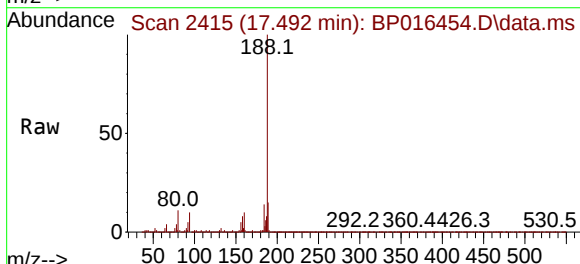
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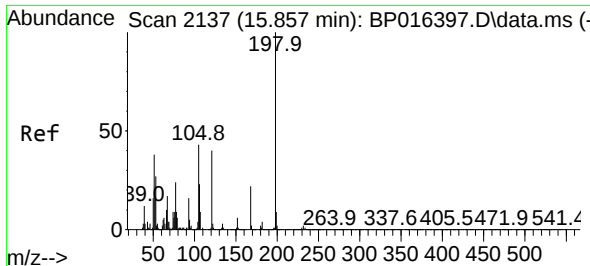
Tgt Ion:184 Resp: 68
Ion Ratio Lower Upper
184 100
63 138.8 48.2 72.4#
154 11.9 49.6 74.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP016454.D
Acq: 01 Aug 2023 13:55

Tgt Ion:188 Resp: 1733451
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.0
80 10.7 7.8 11.8

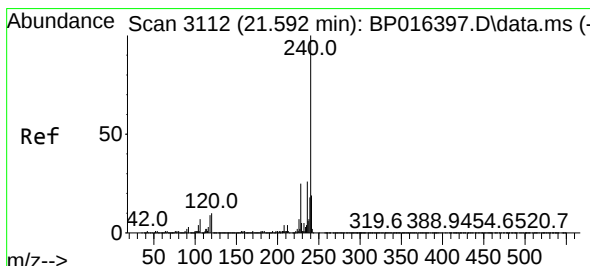
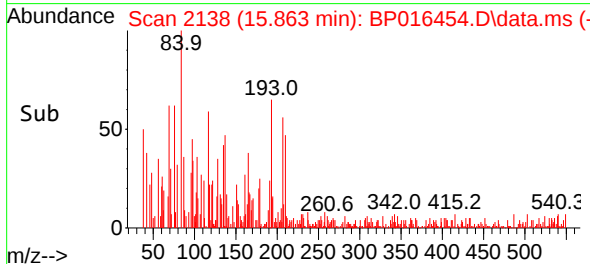
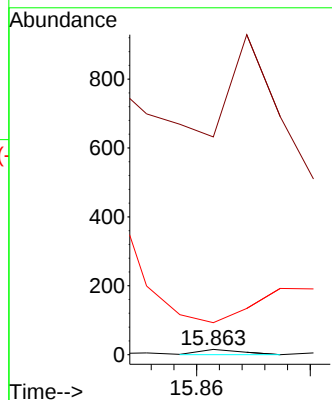
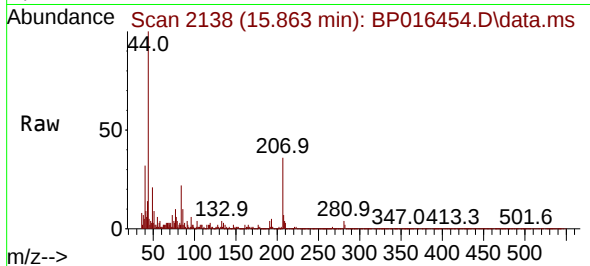




#65
4,6-Dinitro-2-methylphenol
Concen: 6.302 ng
RT: 15.863 min Scan# 2137
Delta R.T. 0.006 min
Lab File: BP016454.D
Acq: 01 Aug 2023 13:55

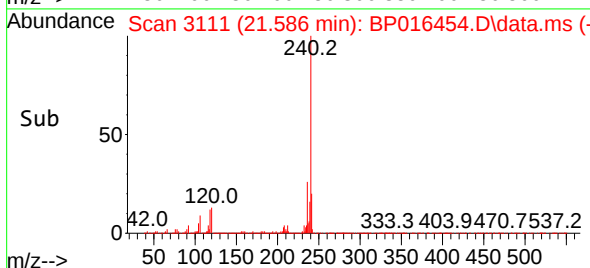
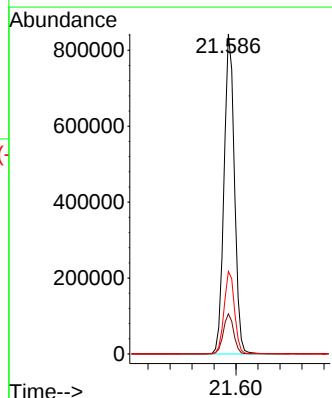
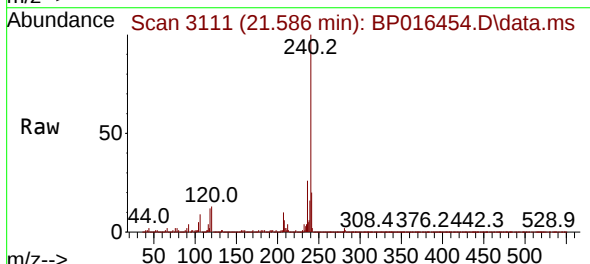
Instrument :
BNA_P
ClientSampleId :
B-P15B

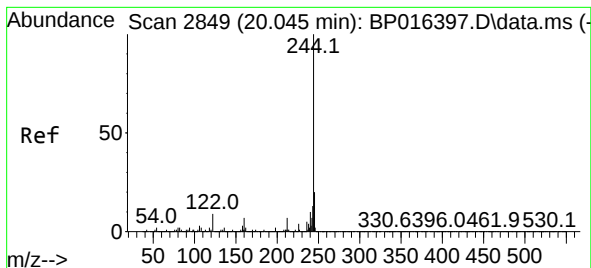
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 4213.3 20.1 60.1#
105 620.0 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016454.D
Acq: 01 Aug 2023 13:55

Tgt Ion:240 Resp: 1107549
Ion Ratio Lower Upper
240 100
120 12.6 7.9 11.9#
236 25.8 21.1 31.7





#79

Terphenyl-d14

Concen: 120.230 ng

RT: 20.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016454.D

Acq: 01 Aug 2023 13:55

Instrument :

BNA_P

ClientSampleId :

B-P15B

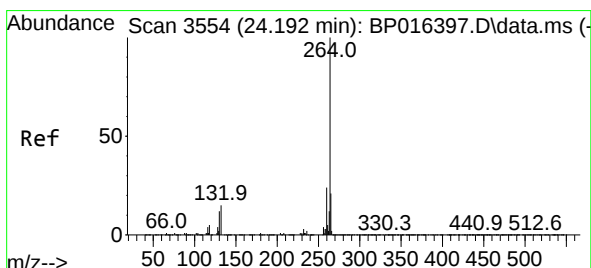
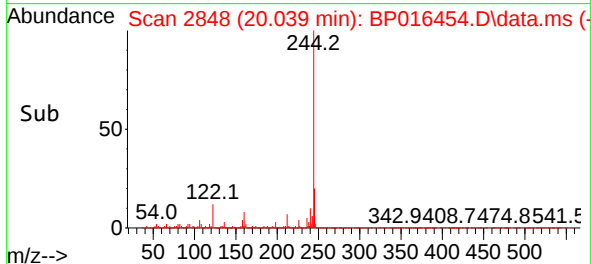
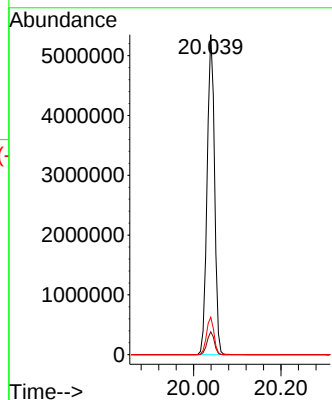
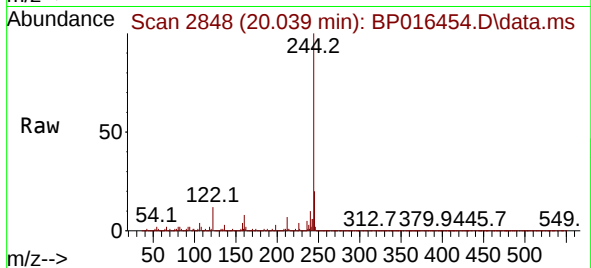
Tgt Ion:244 Resp: 6303709

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: 24.186 min Scan# 3553

Delta R.T. -0.006 min

Lab File: BP016454.D

Acq: 01 Aug 2023 13:55

Tgt Ion:264 Resp: 1095011

Ion Ratio Lower Upper

264 100

260 22.8 19.3 28.9

265 21.8 17.4 26.0

