

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
 Data File : BP016473.D
 Acq On : 02 Aug 2023 17:37
 Operator : MA/JU
 Sample : 03831-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 02 21:47:38 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)

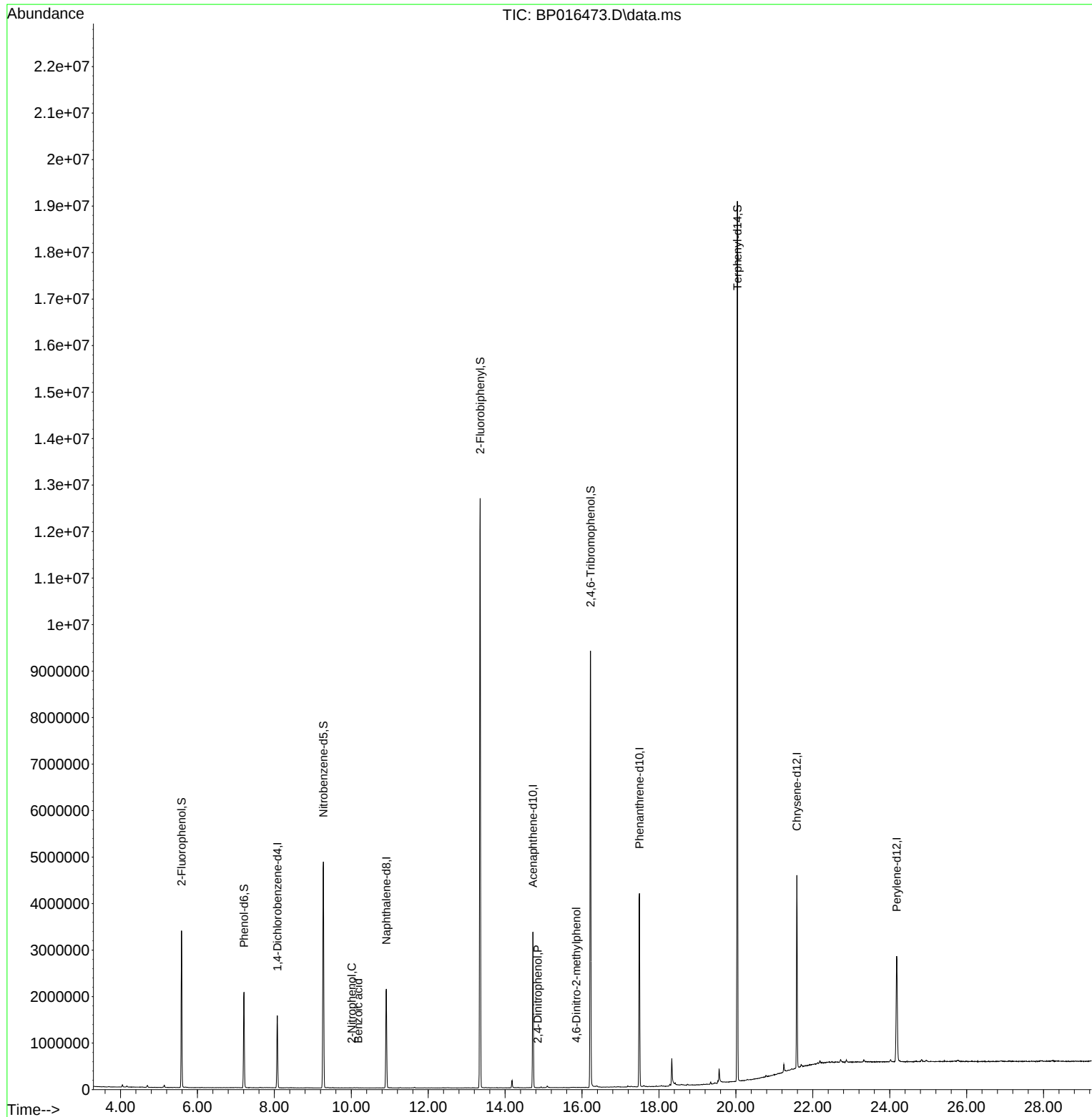
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	413023	20.000	ng	-0.02
21) Naphthalene-d8	10.910	136	1762888	20.000	ng	-0.02
39) Acenaphthene-d10	14.722	164	1100486	20.000	ng	-0.01
64) Phenanthrene-d10	17.492	188	2434576	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1894858	20.000	ng	# 0.00
86) Perylene-d12	24.180	264	1805314	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1492431	58.950	ng	-0.02
7) Phenol-d6	7.210	99	1200892	34.607	ng	-0.02
23) Nitrobenzene-d5	9.275	82	2932363	93.114	ng	-0.02
42) 2,4,6-Tribromophenol	16.222	330	1850663	114.311	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	6630826	86.384	ng	-0.01
79) Terphenyl-d14	20.039	244	8806415	98.175	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.210	77	3470	Below Cal	#	11
26) 2-Nitrophenol	10.010	139	34	3.128	ng	# 1
32) Benzoic acid	10.181	122	158	6.293	ng	# 1
54) 2,4-Dinitrophenol	14.845	184	99	8.013	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.851	198	35	6.304	ng	# 1

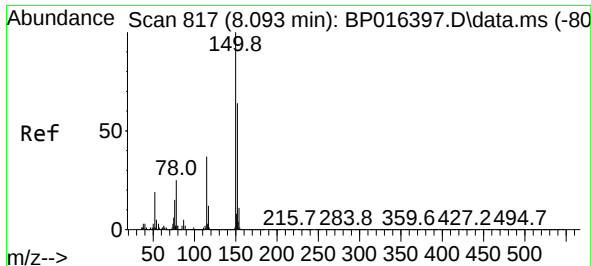
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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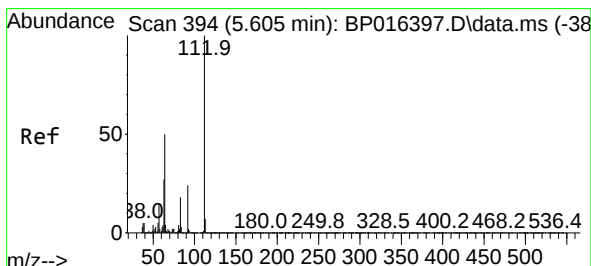
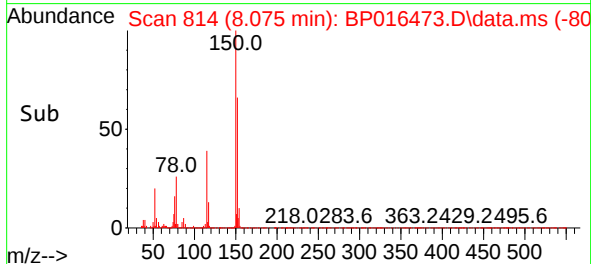
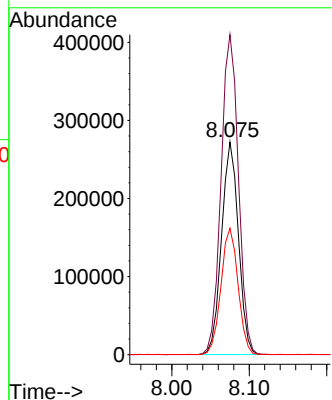
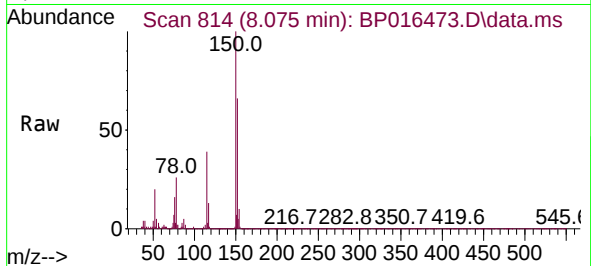




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016473.D
Acq: 02 Aug 2023 17:37

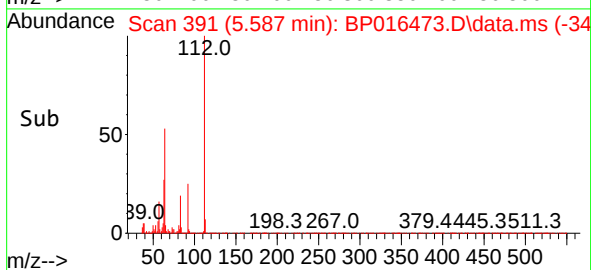
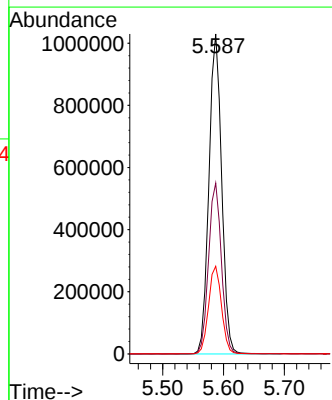
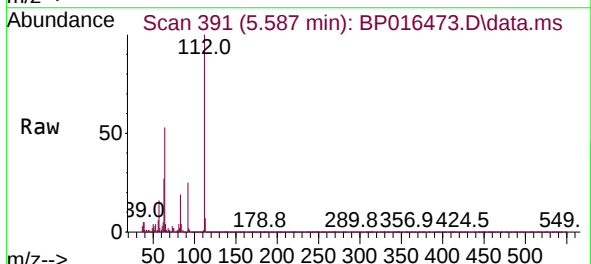
Instrument :
BNA_P
ClientSampleId :

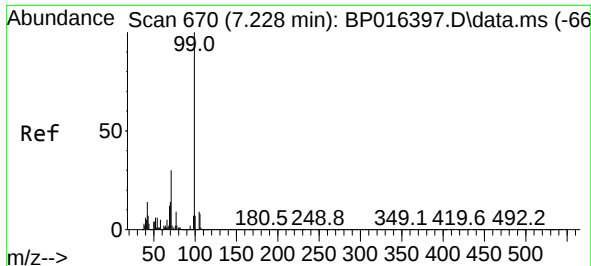
Tgt Ion:152 Resp: 413023
Ion Ratio Lower Upper
152 100
150 150.5 124.9 187.3
115 59.4 46.8 70.2



#5
2-Fluorophenol
Concen: 58.950 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016473.D
Acq: 02 Aug 2023 17:37

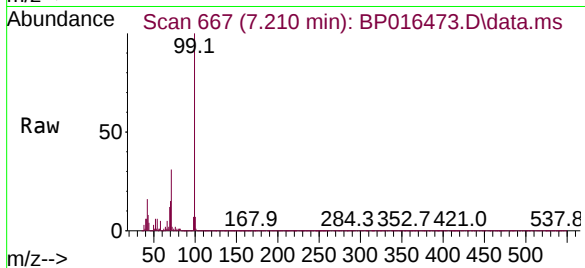
Tgt Ion:112 Resp: 1492431
Ion Ratio Lower Upper
112 100
64 53.4 40.0 60.0
63 27.4 21.2 31.8



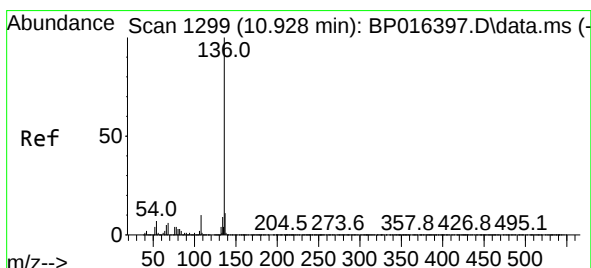
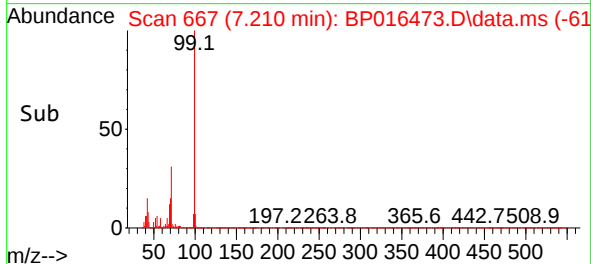
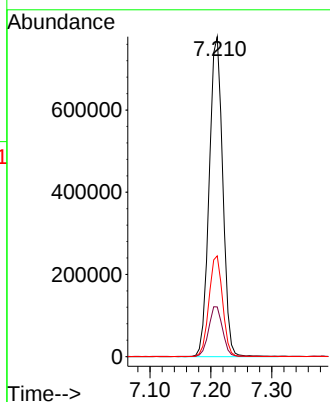


#7
Phenol-d6
Concen: 34.607 ng
RT: 7.210 min Scan# 60
Delta R.T. -0.018 min
Lab File: BP016473.D
Acq: 02 Aug 2023 17:37

Instrument :
BNA_P
ClientSampleId :

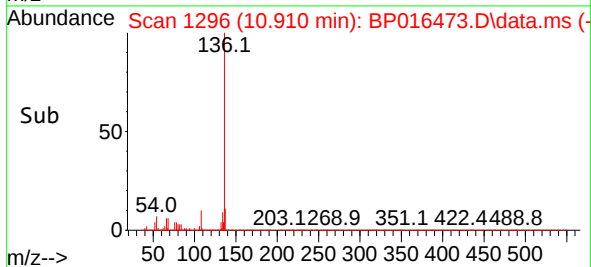
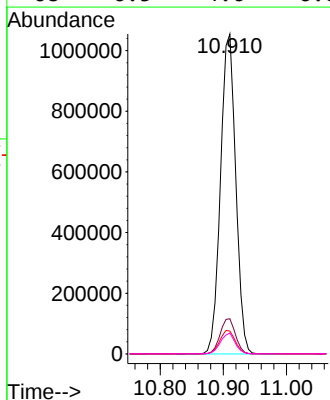
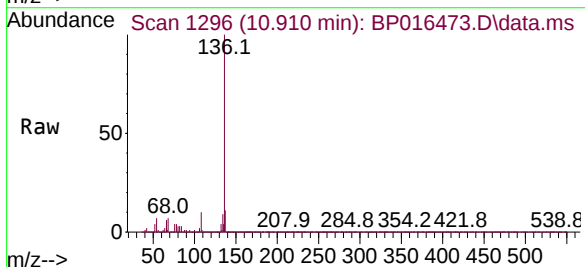


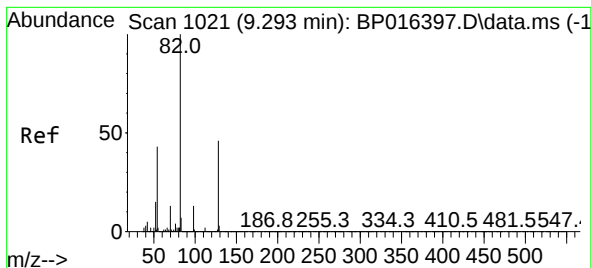
Tgt Ion: 99 Resp: 1200892
Ion Ratio Lower Upper
99 100
42 15.5 11.6 17.4
71 31.5 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1296
Delta R.T. -0.018 min
Lab File: BP016473.D
Acq: 02 Aug 2023 17:37

Tgt Ion: 136 Resp: 1762888
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.1 5.6 8.4
68 6.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 93.114 ng

RT: 9.275 min Scan# 10

Delta R.T. -0.018 min

Lab File: BP016473.D

Acq: 02 Aug 2023 17:37

Instrument :

BNA_P

ClientSampleId :

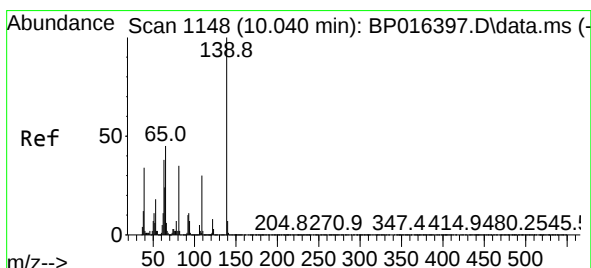
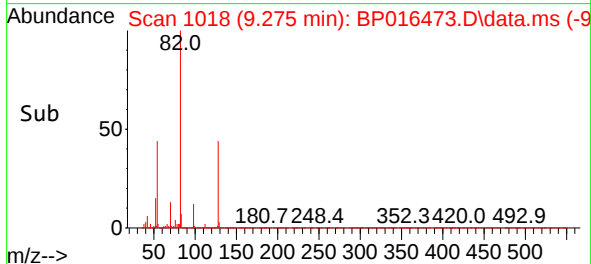
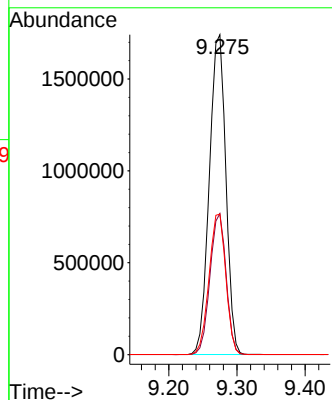
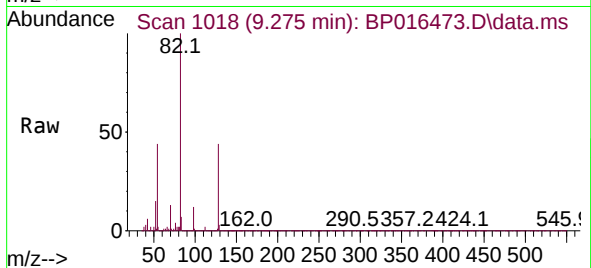
Tgt Ion: 82 Resp: 2932363

Ion Ratio Lower Upper

82 100

128 44.1 36.6 55.0

54 43.9 34.5 51.7



#26

2-Nitrophenol

Concen: 3.128 ng

RT: 10.010 min Scan# 1143

Delta R.T. -0.030 min

Lab File: BP016473.D

Acq: 02 Aug 2023 17:37

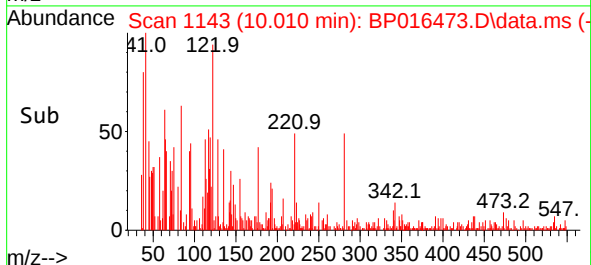
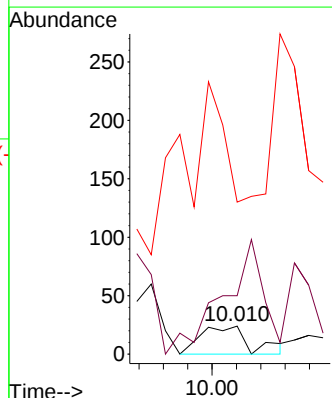
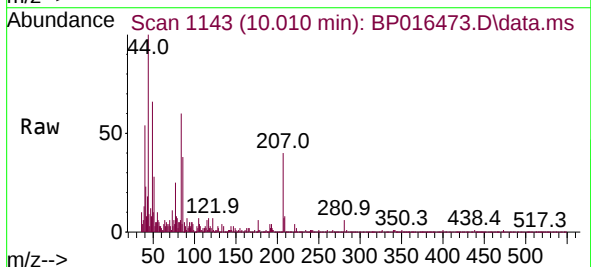
Tgt Ion:139 Resp: 34

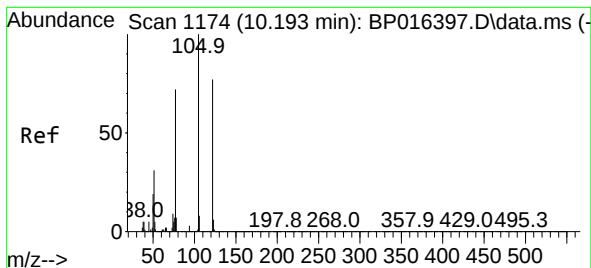
Ion Ratio Lower Upper

139 100

109 208.3 24.2 36.4#

65 541.7 35.8 53.6#

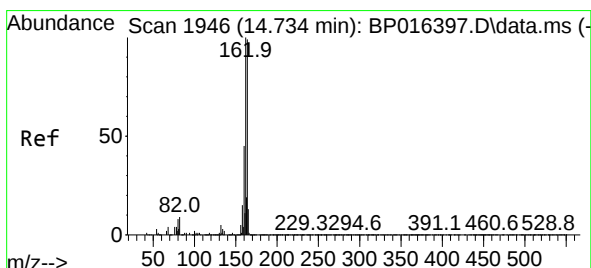
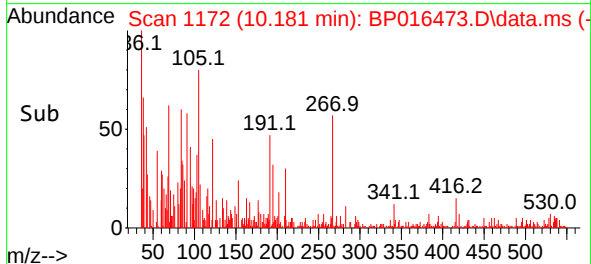
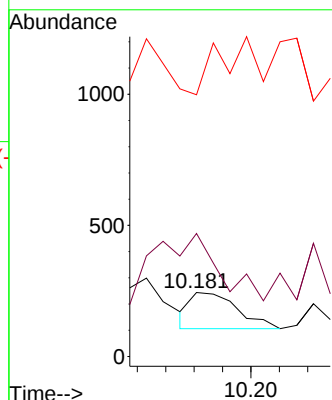
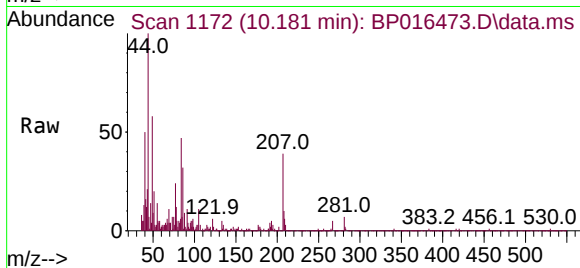




#32
Benzoic acid
Concen: 6.293 ng
RT: 10.181 min Scan# 1172
Delta R.T. -0.012 min
Lab File: BP016473.D
Acq: 02 Aug 2023 17:37

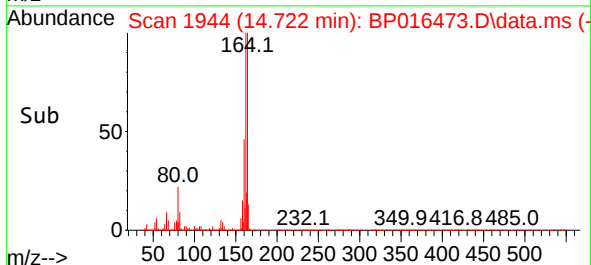
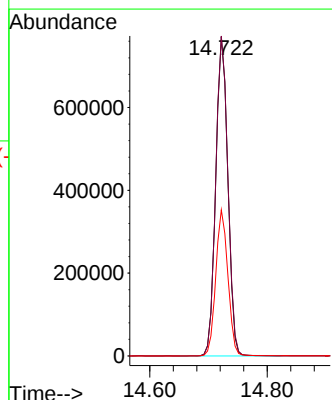
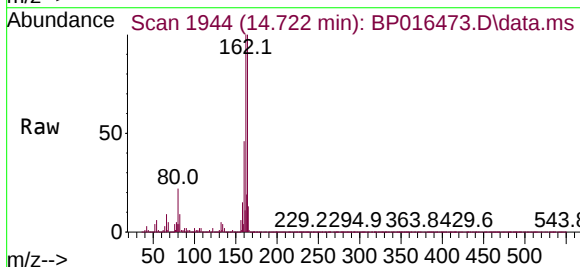
Instrument :
BNA_P
ClientSampleId :

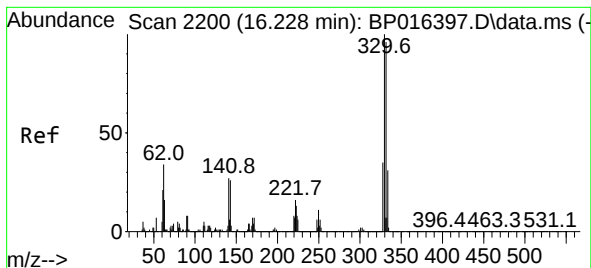
Tgt Ion:122 Resp: 158
Ion Ratio Lower Upper
122 100
105 192.2 105.2 145.2#
77 409.0 72.2 112.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.722 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BP016473.D
Acq: 02 Aug 2023 17:37

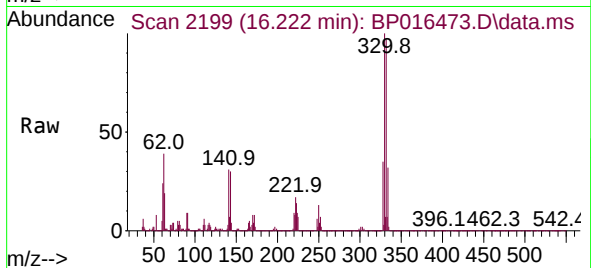
Tgt Ion:164 Resp: 1100486
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.6
160 45.7 36.6 55.0



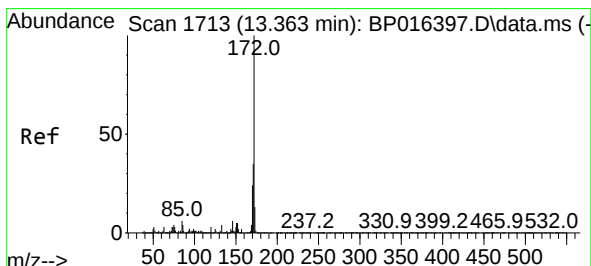
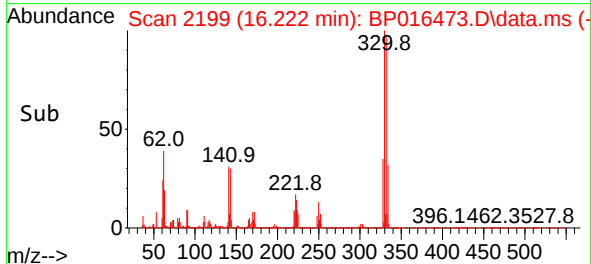
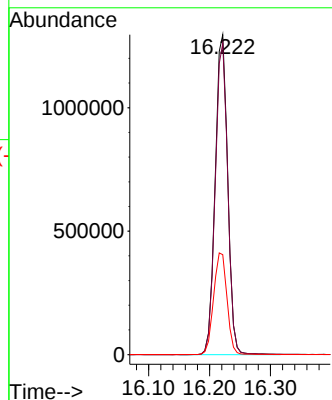


#42
2,4,6-Tribromophenol
Concen: 114.311 ng
RT: 16.222 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP016473.D
Acq: 02 Aug 2023 17:37

Instrument :
BNA_P
ClientSampleId :

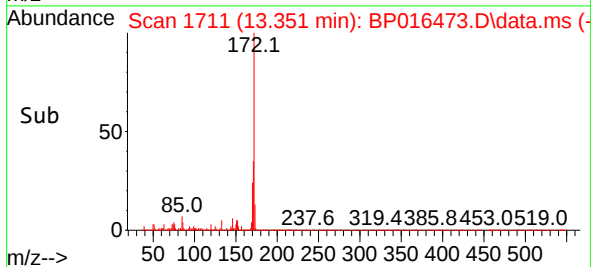
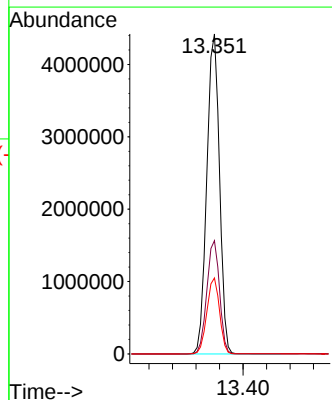
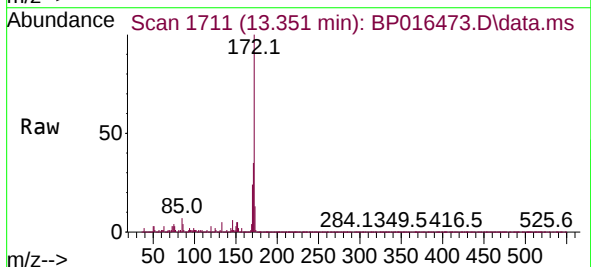


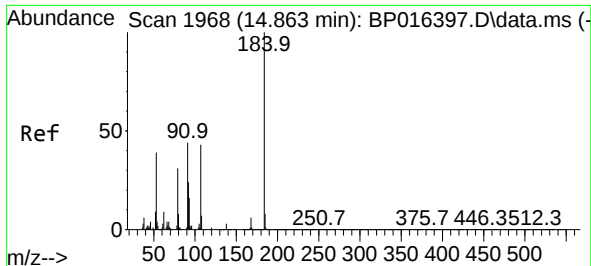
Tgt Ion:330 Resp: 1850663
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 34.1 22.6 34.0#



#45
2-Fluorobiphenyl
Concen: 86.384 ng
RT: 13.351 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BP016473.D
Acq: 02 Aug 2023 17:37

Tgt Ion:172 Resp: 6630826
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.7 19.1 28.7

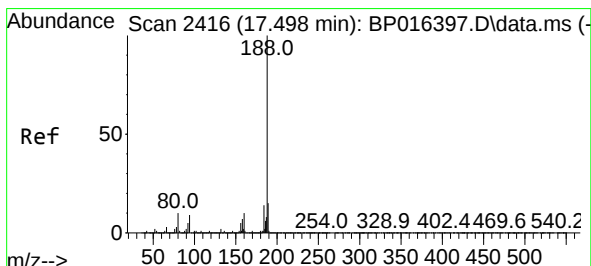
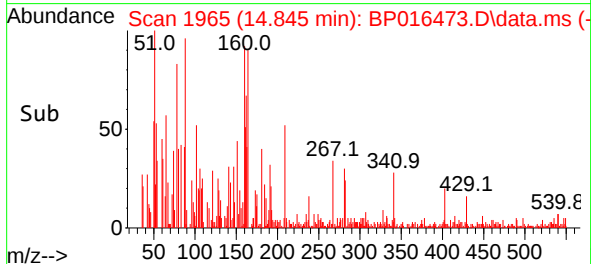
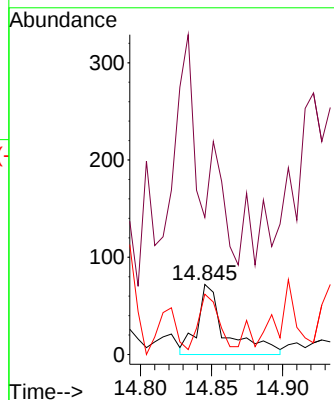
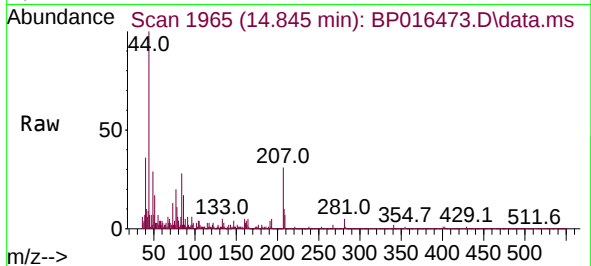




#54
2,4-Dinitrophenol
Concen: 8.013 ng
RT: 14.845 min Scan# 1965
Delta R.T. -0.018 min
Lab File: BP016473.D
Acq: 02 Aug 2023 17:37

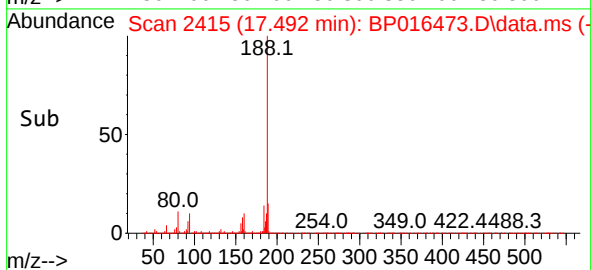
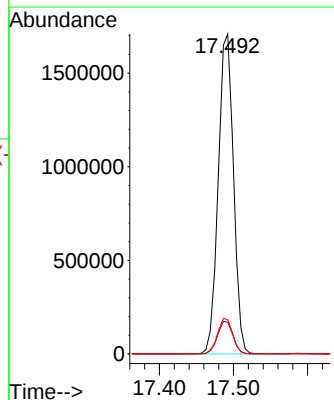
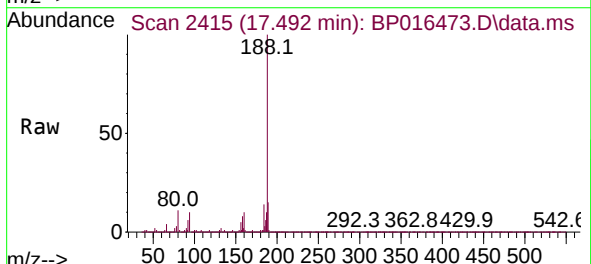
Instrument :
BNA_P
ClientSampleId :

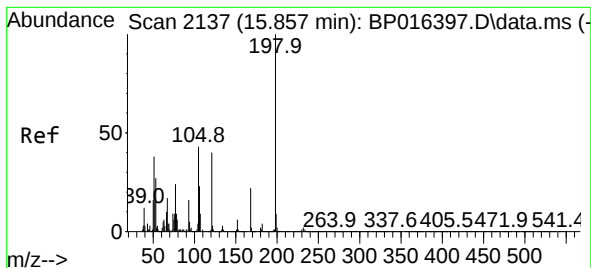
Tgt Ion:184 Resp: 99
Ion Ratio Lower Upper
184 100
63 195.8 48.2 72.4#
154 86.1 49.6 74.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP016473.D
Acq: 02 Aug 2023 17:37

Tgt Ion:188 Resp: 2434576
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.0
80 10.7 7.8 11.8

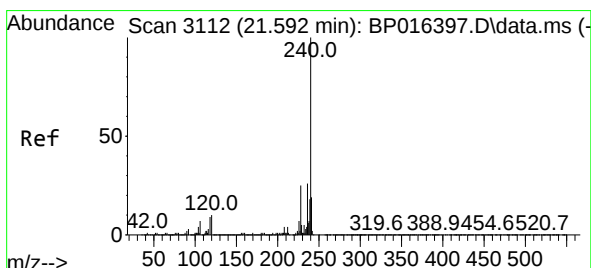
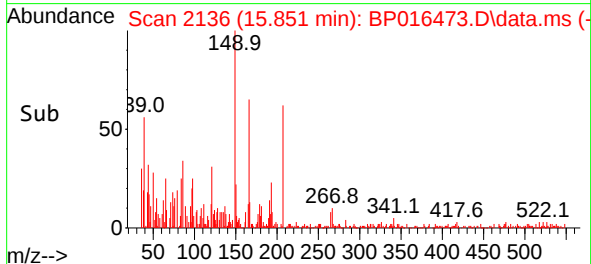
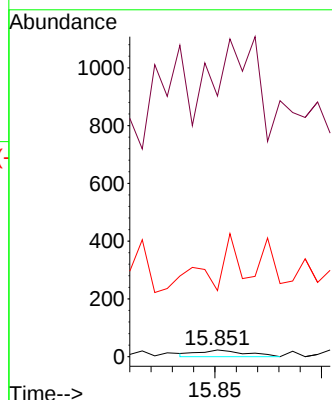
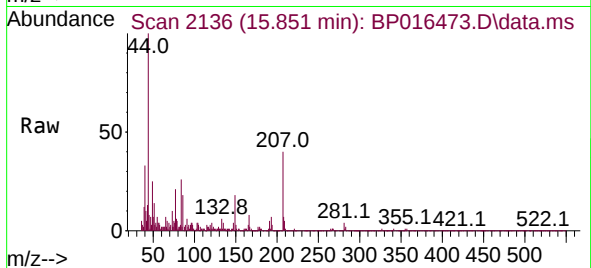




#65
4,6-Dinitro-2-methylphenol
Concen: 6.304 ng
RT: 15.851 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP016473.D
Acq: 02 Aug 2023 17:37

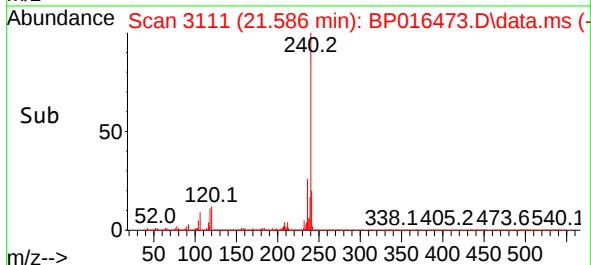
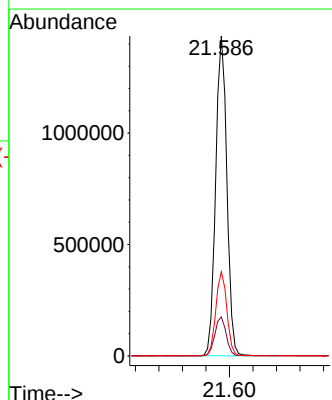
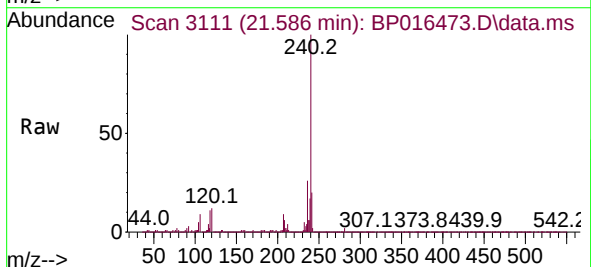
Instrument :
BNA_P
ClientSampleId :

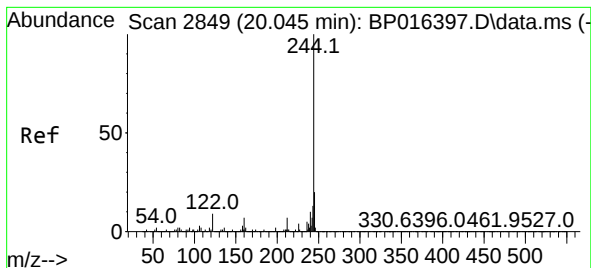
Tgt Ion:198 Resp: 35
Ion Ratio Lower Upper
198 100
51 3921.7 20.1 60.1#
105 995.7 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016473.D
Acq: 02 Aug 2023 17:37

Tgt Ion:240 Resp: 1894858
Ion Ratio Lower Upper
240 100
120 12.2 7.9 11.9#
236 26.3 21.1 31.7





#79

Terphenyl-d14

Concen: 98.175 ng

RT: 20.039 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BP016473.D

Acq: 02 Aug 2023 17:37

Instrument :

BNA_P

ClientSampleId :

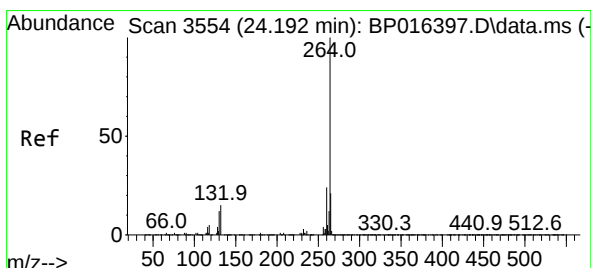
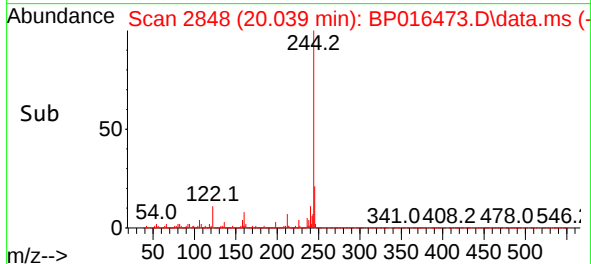
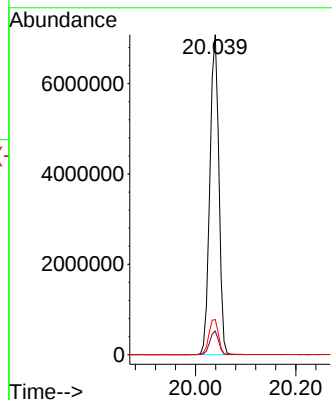
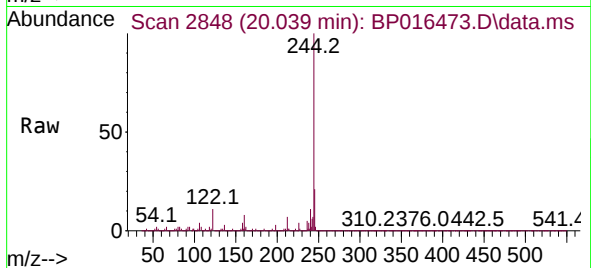
Tgt Ion:244 Resp: 8806415

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: BP016473.D

Acq: 02 Aug 2023 17:37

Tgt Ion:264 Resp: 1805314

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.9 17.4 26.0

