

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
 Data File : BP016453.D
 Acq On : 01 Aug 2023 13:21
 Operator : MA/JU
 Sample : 03686-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-18-16-18-20230720

Quant Time: Aug 01 15:52:50 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)

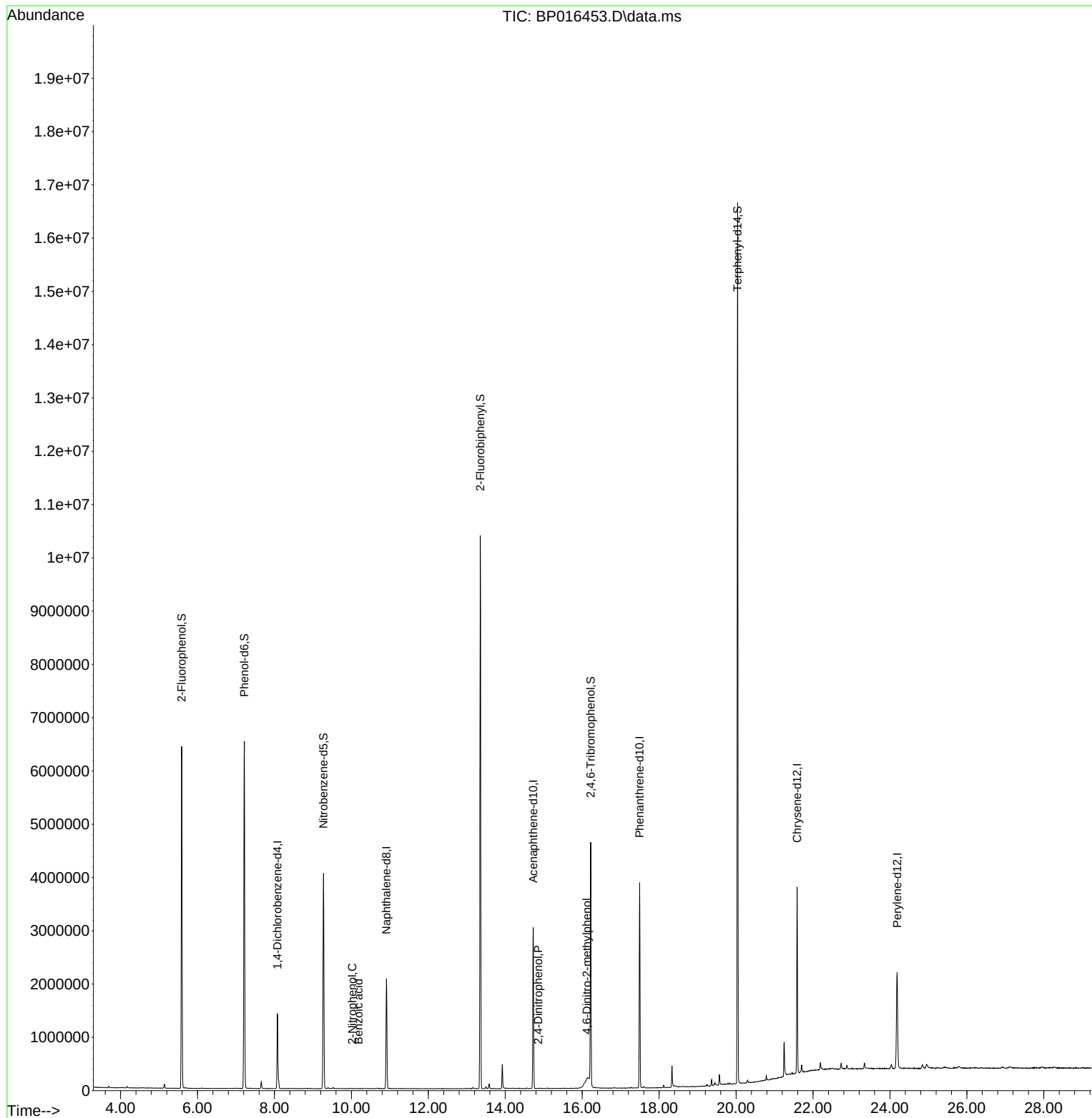
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	379321	20.000	ng	-0.02
21) Naphthalene-d8	10.910	136	1659280	20.000	ng	-0.02
39) Acenaphthene-d10	14.728	164	985892	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	2103304	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1532877	20.000	ng	0.00
86) Perylene-d12	24.186	264	1422637	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	2935685	126.260	ng	-0.02
7) Phenol-d6	7.216	99	3951010	123.974	ng	-0.01
23) Nitrobenzene-d5	9.275	82	2310673	77.954	ng	-0.02
42) 2,4,6-Tribromophenol	16.222	330	763479	52.640	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	5283131	76.827	ng	-0.01
79) Terphenyl-d14	20.039	244	7496983	103.314	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.210	77	6841	Below Cal	#	5
26) 2-Nitrophenol	10.022	139	61	3.130 ng	#	1
32) Benzoic acid	10.187	122	161	6.294 ng	#	1
54) 2,4-Dinitrophenol	14.857	184	86	8.012 ng	#	1
65) 4,6-Dinitro-2-methylph...	16.122	198	10081	7.191 ng	#	25

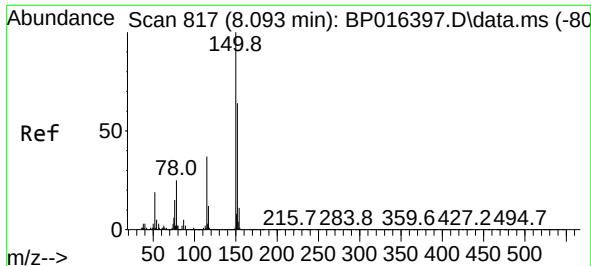
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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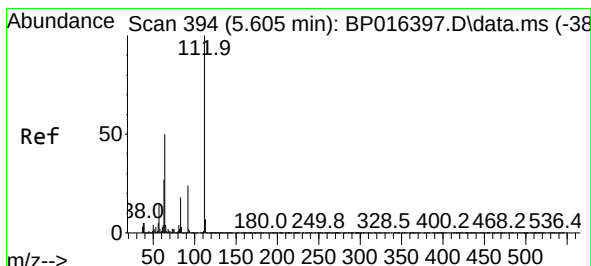
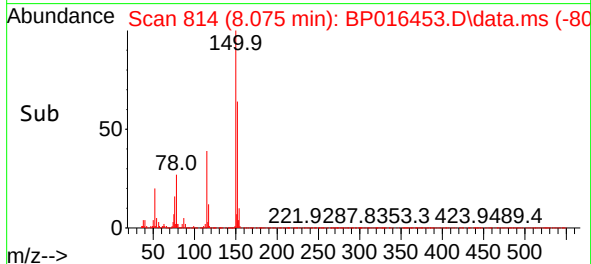
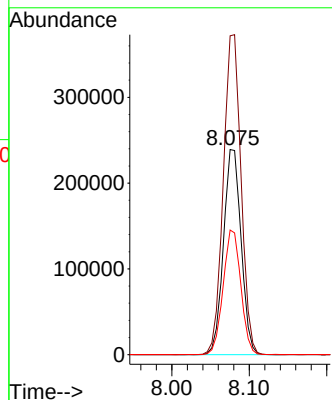
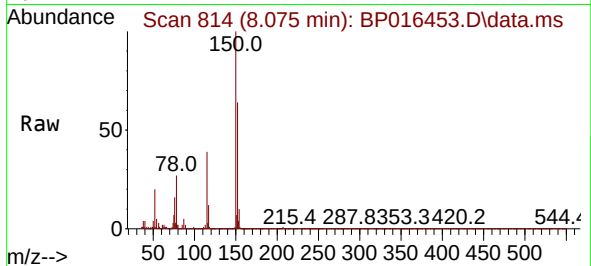




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016453.D
Acq: 01 Aug 2023 13:21

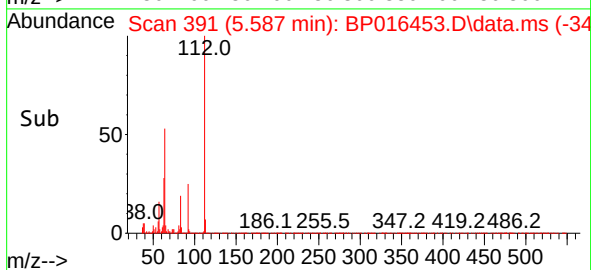
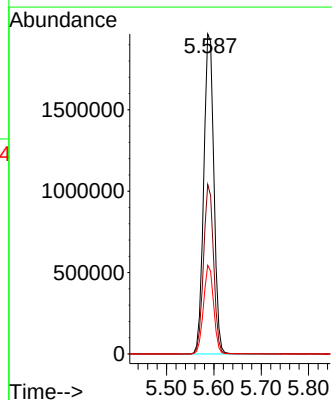
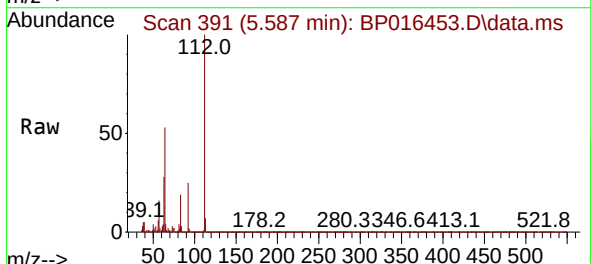
Instrument :
BNA_P
ClientSampleId :
SB-18-16-18-20230720

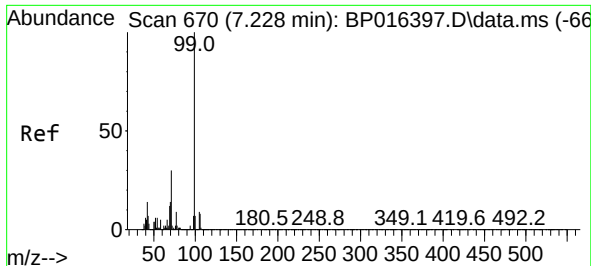
Tgt Ion:152 Resp: 379321
Ion Ratio Lower Upper
152 100
150 155.5 124.9 187.3
115 60.8 46.8 70.2



#5
2-Fluorophenol
Concen: 126.260 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016453.D
Acq: 01 Aug 2023 13:21

Tgt Ion:112 Resp: 2935685
Ion Ratio Lower Upper
112 100
64 53.0 40.0 60.0
63 27.7 21.2 31.8

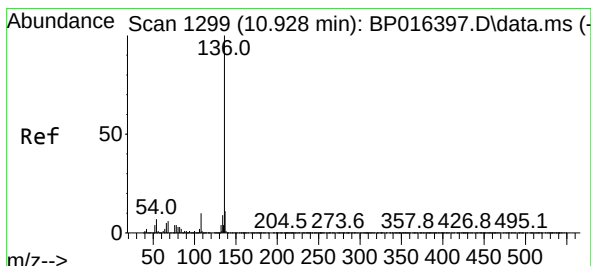
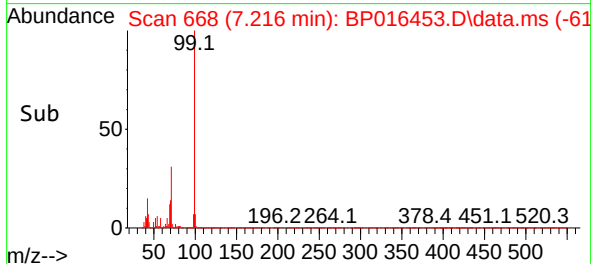
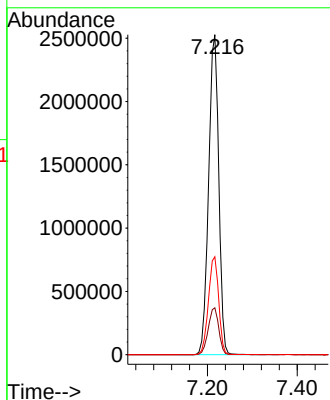
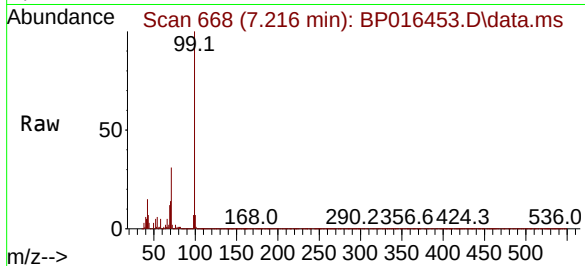




#7
Phenol-d6
Concen: 123.974 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP016453.D
Acq: 01 Aug 2023 13:21

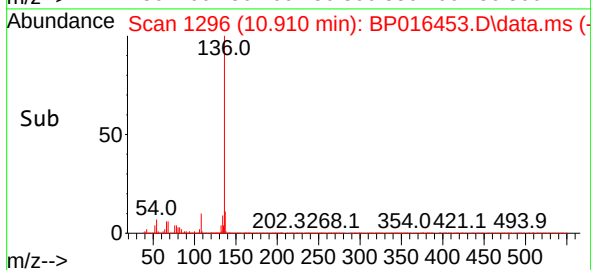
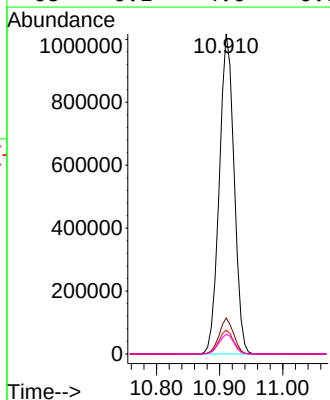
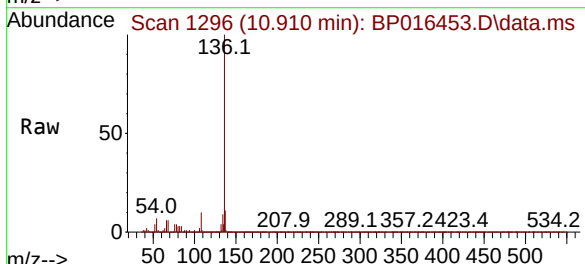
Instrument :
BNA_P
ClientSampleId :
SB-18-16-18-20230720

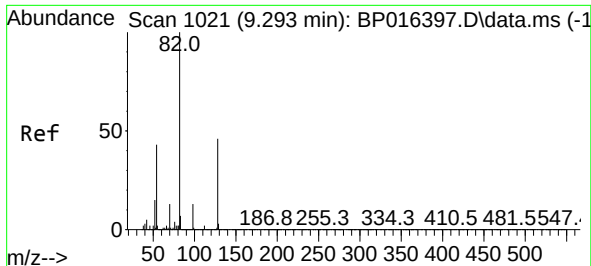
Tgt Ion: 99 Resp: 3951010
Ion Ratio Lower Upper
99 100
42 14.6 11.6 17.4
71 30.6 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1296
Delta R.T. -0.018 min
Lab File: BP016453.D
Acq: 01 Aug 2023 13:21

Tgt Ion:136 Resp: 1659280
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.4 5.6 8.4
68 6.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 77.954 ng

RT: 9.275 min Scan# 1018

Delta R.T. -0.018 min

Lab File: BP016453.D

Acq: 01 Aug 2023 13:21

Instrument :

BNA_P

ClientSampleId :

SB-18-16-18-20230720

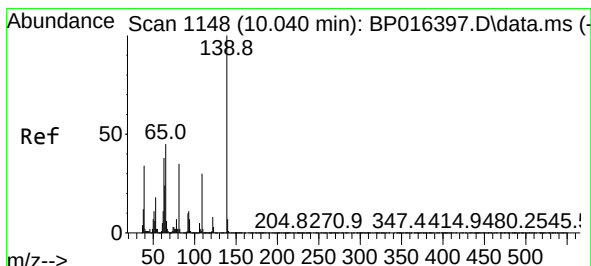
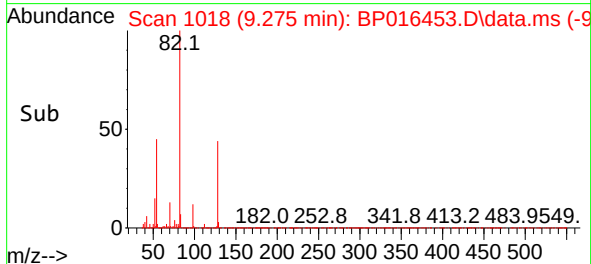
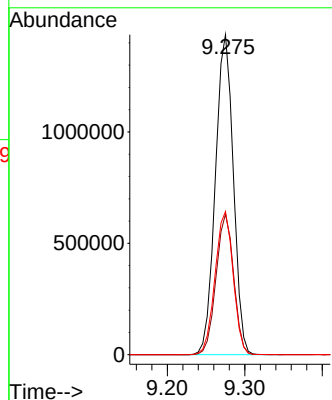
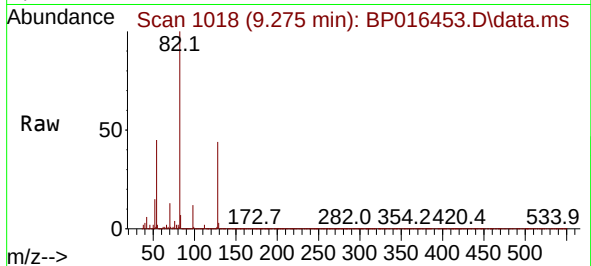
Tgt Ion: 82 Resp: 2310673

Ion Ratio Lower Upper

82 100

128 43.9 36.6 55.0

54 44.8 34.5 51.7



#26

2-Nitrophenol

Concen: 3.130 ng

RT: 10.022 min Scan# 1145

Delta R.T. -0.018 min

Lab File: BP016453.D

Acq: 01 Aug 2023 13:21

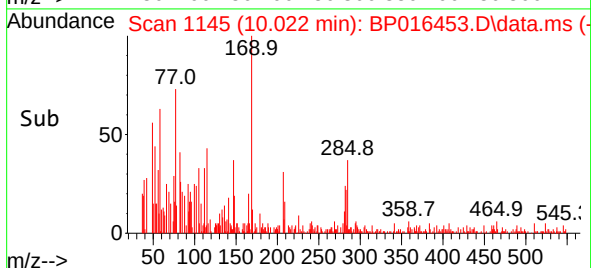
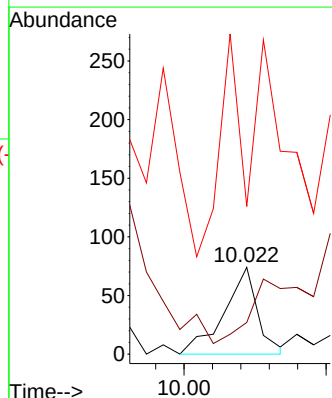
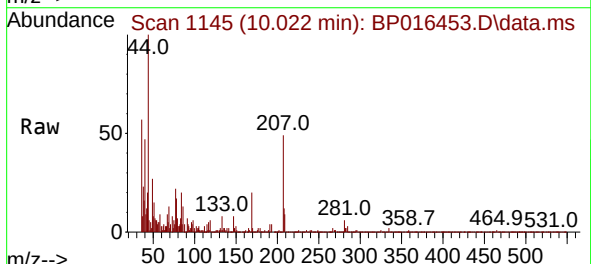
Tgt Ion:139 Resp: 61

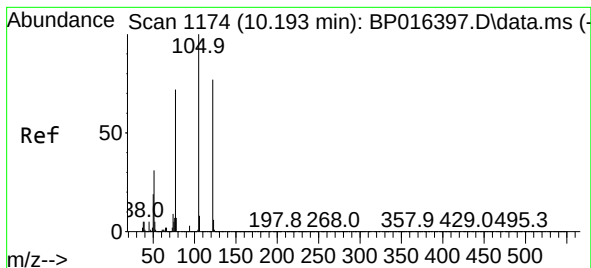
Ion Ratio Lower Upper

139 100

109 36.5 24.2 36.4#

65 170.3 35.8 53.6#





#32

Benzoic acid

Concen: 6.294 ng

RT: 10.187 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BP016453.D

Acq: 01 Aug 2023 13:21

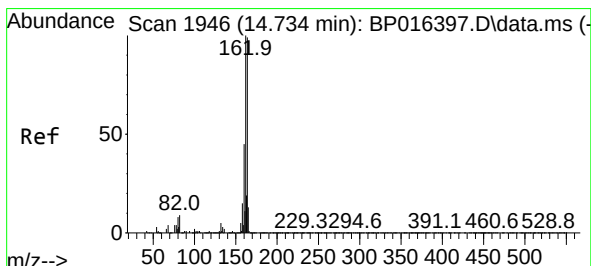
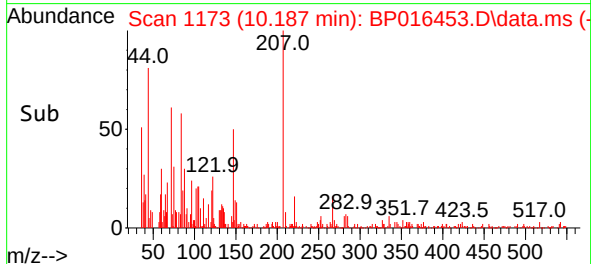
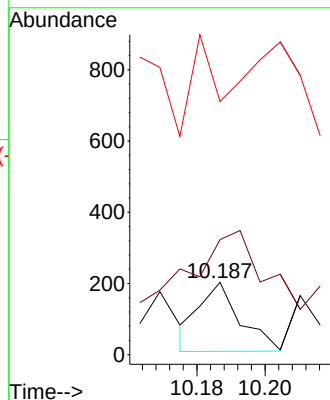
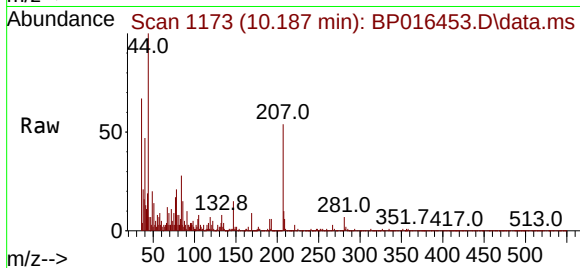
Instrument :

BNA_P

ClientSampleId :

SB-18-16-18-20230720

Tgt Ion:	122	Resp:	161
Ion Ratio	Lower	Upper	
122	100		
105	159.1	105.2	145.2#
77	350.2	72.2	112.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

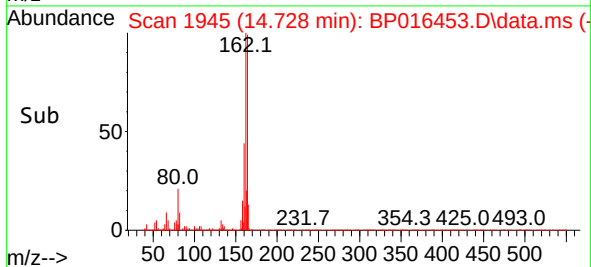
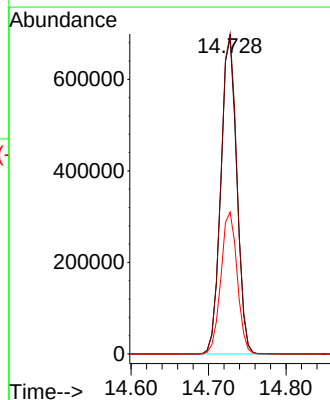
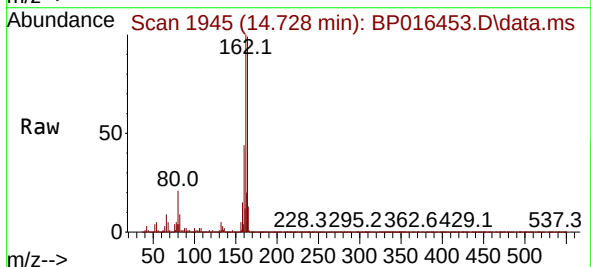
RT: 14.728 min Scan# 1945

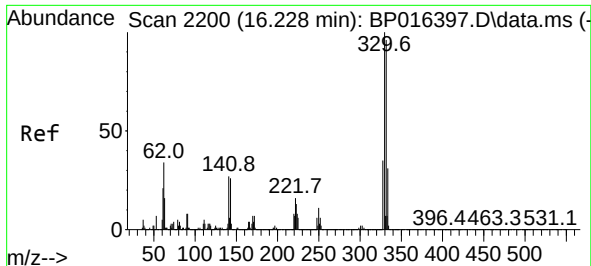
Delta R.T. -0.006 min

Lab File: BP016453.D

Acq: 01 Aug 2023 13:21

Tgt Ion:	164	Resp:	985892
Ion Ratio	Lower	Upper	
164	100		
162	101.3	81.0	121.6
160	44.9	36.6	55.0

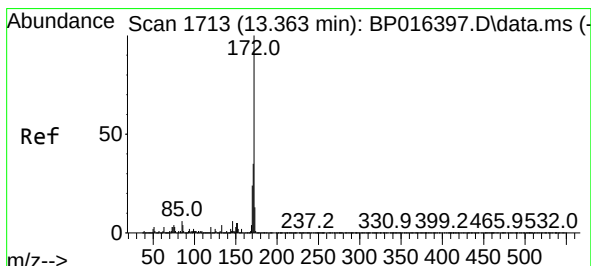
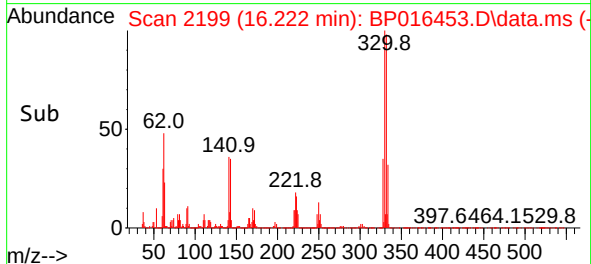
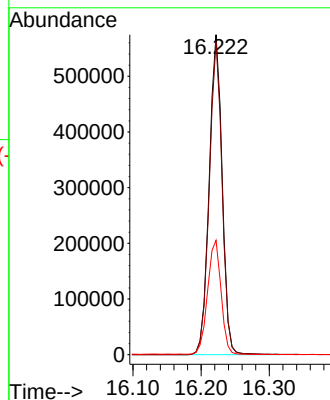
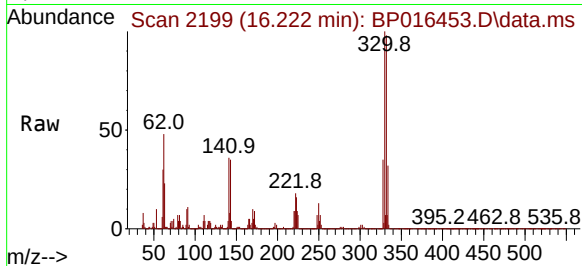




#42
2,4,6-Tribromophenol
Concen: 52.640 ng
RT: 16.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016453.D
Acq: 01 Aug 2023 13:21

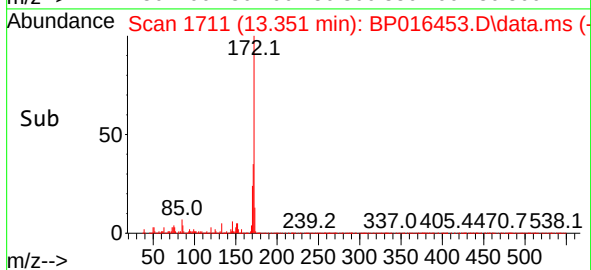
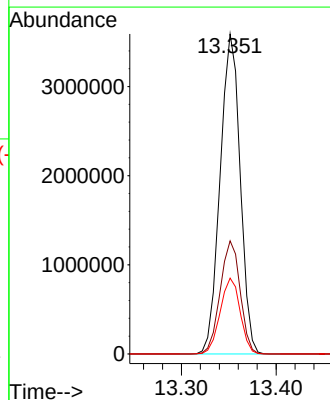
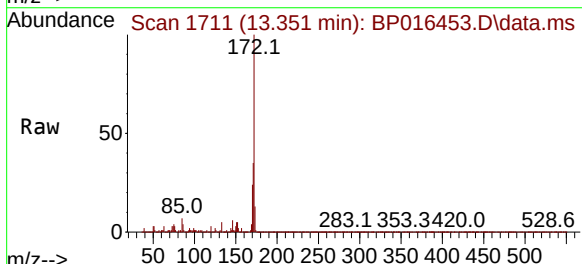
Instrument :
BNA_P
ClientSampleId :
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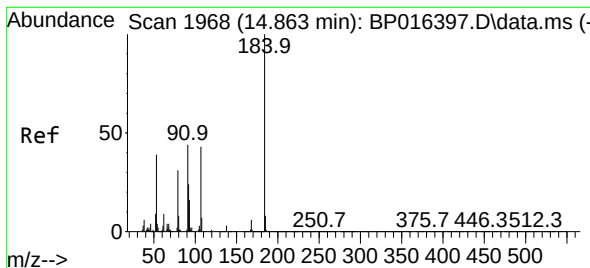
Tgt Ion:330 Resp: 763479
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 37.1 22.6 34.0#



#45
2-Fluorobiphenyl
Concen: 76.827 ng
RT: 13.351 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BP016453.D
Acq: 01 Aug 2023 13:21

Tgt Ion:172 Resp: 5283131
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.7 19.1 28.7





#54

2,4-Dinitrophenol

Concen: 8.012 ng

RT: 14.857 min Scan# 1967

Delta R.T. -0.006 min

Lab File: BP016453.D

Acq: 01 Aug 2023 13:21

Instrument :

BNA_P

ClientSampleId :

SB-18-16-18-20230720

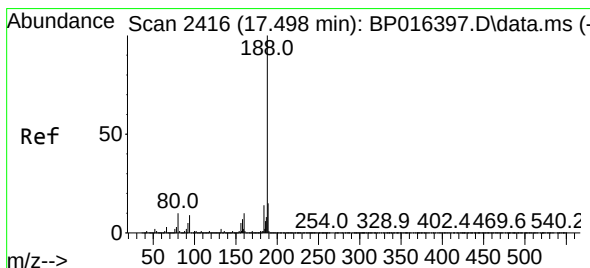
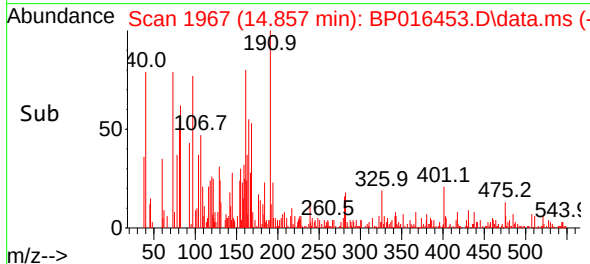
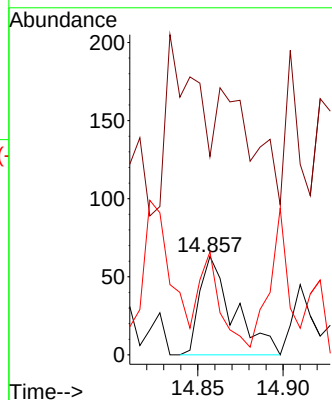
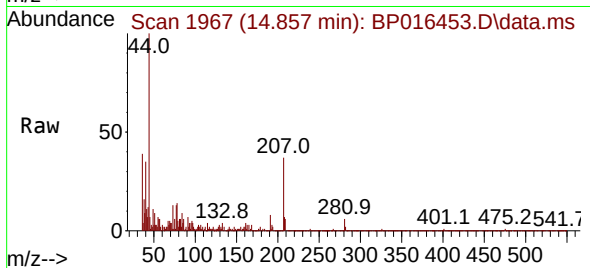
Tgt Ion:184 Resp: 86

Ion Ratio Lower Upper

184 100

63 201.6 48.2 72.4#

154 104.8 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: BP016453.D

Acq: 01 Aug 2023 13:21

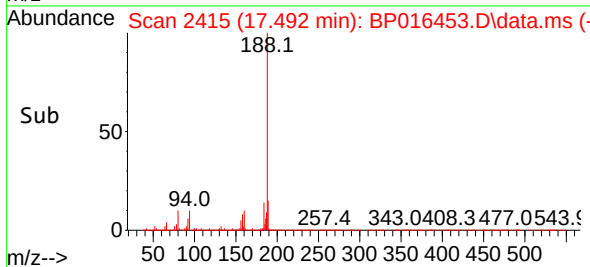
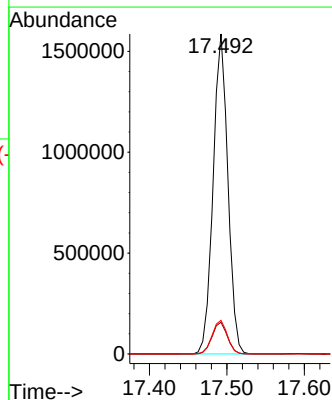
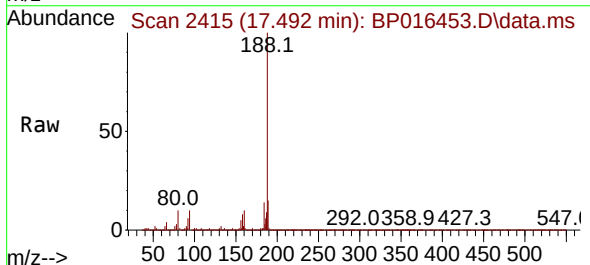
Tgt Ion:188 Resp: 2103304

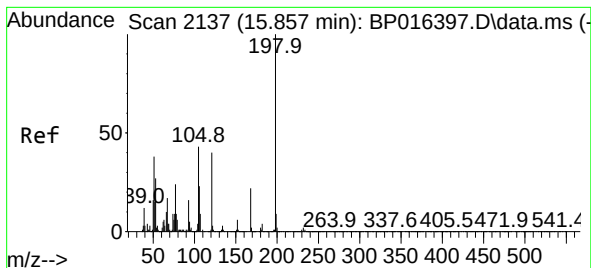
Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.0

80 10.5 7.8 11.8

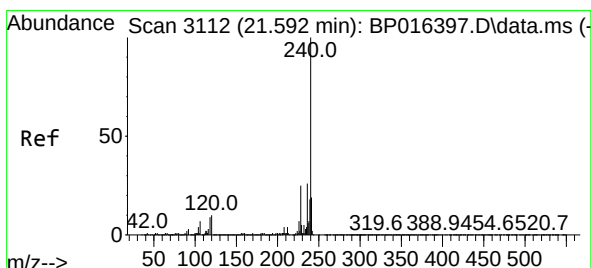
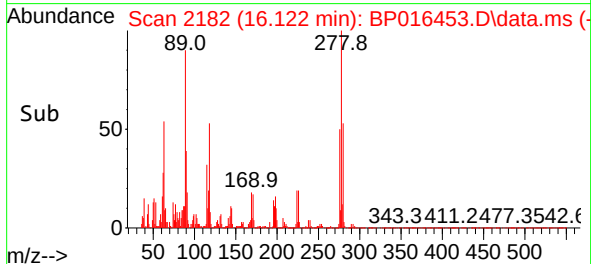
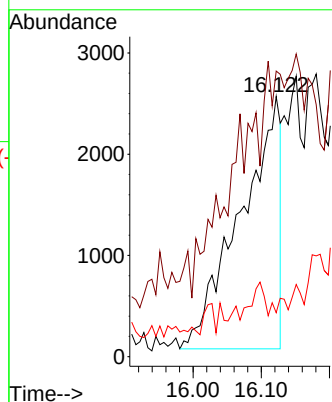
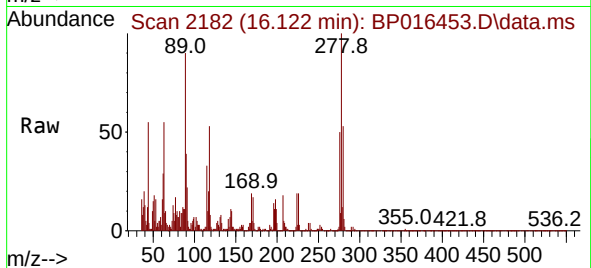




#65
4,6-Dinitro-2-methylphenol
Concen: 7.191 ng
RT: 16.122 min Scan# 2137
Delta R.T. 0.265 min
Lab File: BP016453.D
Acq: 01 Aug 2023 13:21

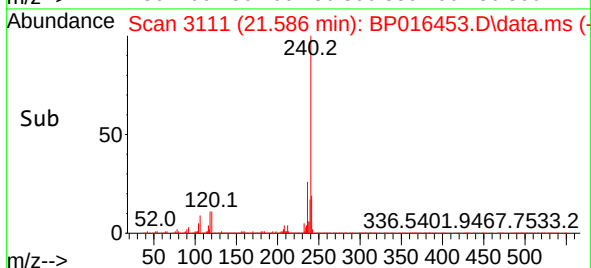
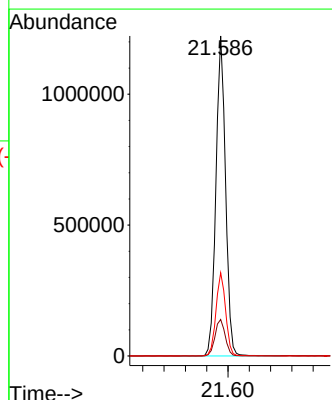
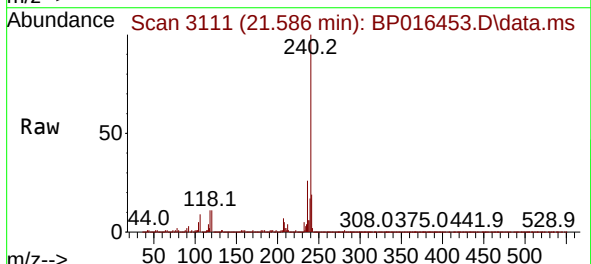
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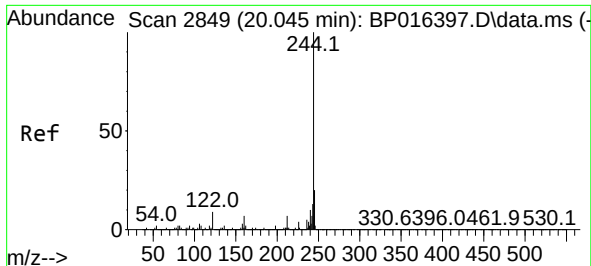
Tgt Ion:198 Resp: 10081
Ion Ratio Lower Upper
198 100
51 109.8 20.1 60.1#
105 16.9 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016453.D
Acq: 01 Aug 2023 13:21

Tgt Ion:240 Resp: 1532877
Ion Ratio Lower Upper
240 100
120 11.4 7.9 11.9
236 26.0 21.1 31.7

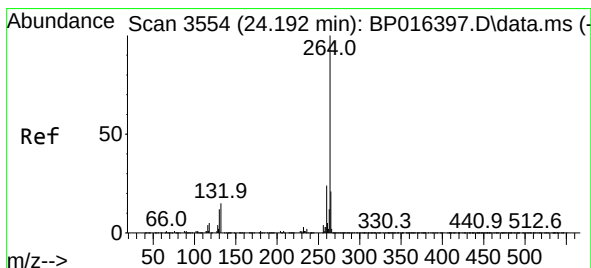
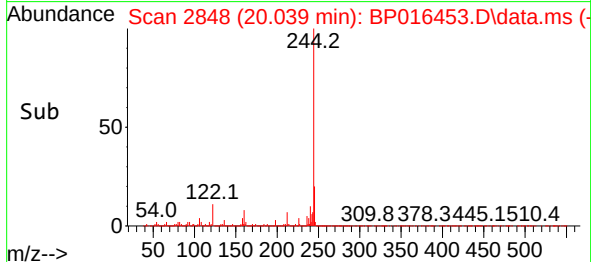
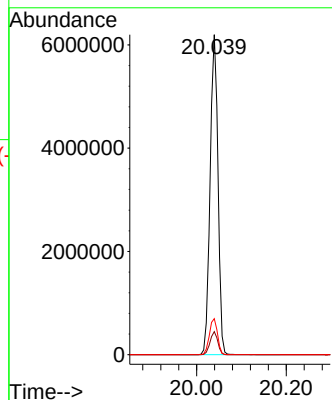
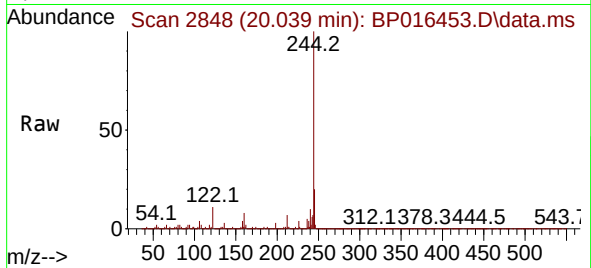




#79
 Terphenyl-d14
 Concen: 103.314 ng
 RT: 20.039 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP016453.D
 Acq: 01 Aug 2023 13:21

Instrument :
 BNA_P
 ClientSampleId :
 SB-18-16-18-20230720

Tgt Ion:244 Resp: 7496983
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.3 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: BP016453.D
 Acq: 01 Aug 2023 13:21

Tgt Ion:264 Resp: 1422637
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 21.6 17.4 26.0

