

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080823\
 Data File : BP016533.D
 Acq On : 08 Aug 2023 12:08
 Operator : MA/JU
 Sample : 03891-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Quant Time: Aug 08 16:48:09 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

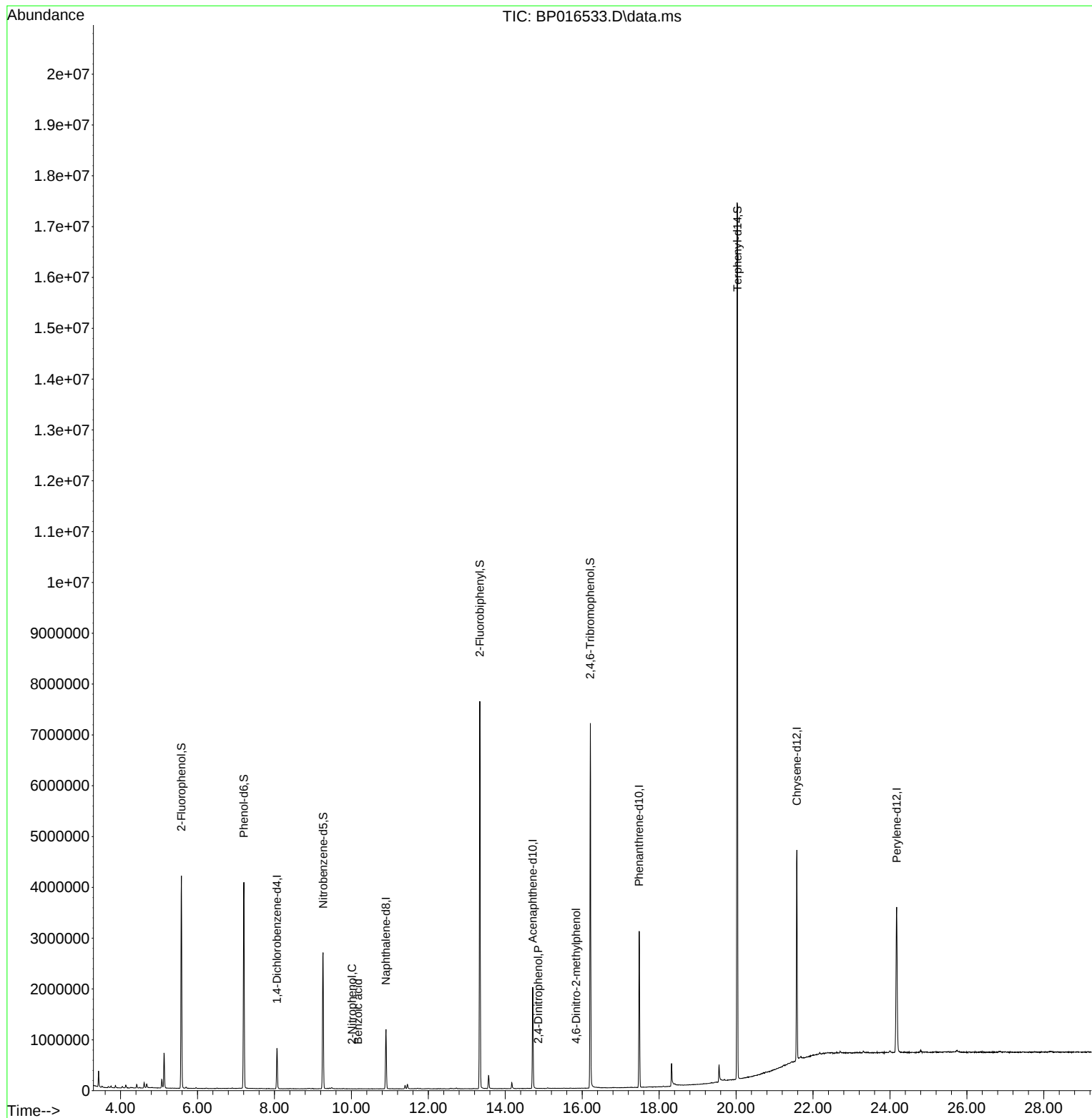
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	217560	20.000	ng	0.00
21) Naphthalene-d8	10.899	136	953967	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	661718	20.000	ng	0.00
64) Phenanthrene-d10	17.481	188	1757840	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1999034	20.000	ng	0.00
86) Perylene-d12	24.174	264	2259137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1922698	144.177	ng	0.00
7) Phenol-d6	7.205	99	2445318	133.778	ng	0.00
23) Nitrobenzene-d5	9.263	82	1580031	92.716	ng	0.00
42) 2,4,6-Tribromophenol	16.210	330	1309008	134.466	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	3981888	86.271	ng	0.00
79) Terphenyl-d14	20.033	244	8686111	91.788	ng	0.00
Target Compounds						
9) Benzaldehyde	7.199	77	5234	Below Cal	Qvalue #	6
26) 2-Nitrophenol	10.016	139	45	3.131 ng	#	1
32) Benzoic acid	10.175	122	1147	6.385 ng	#	11
54) 2,4-Dinitrophenol	14.857	184	16	8.005 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.845	198	89	6.311 ng	#	1

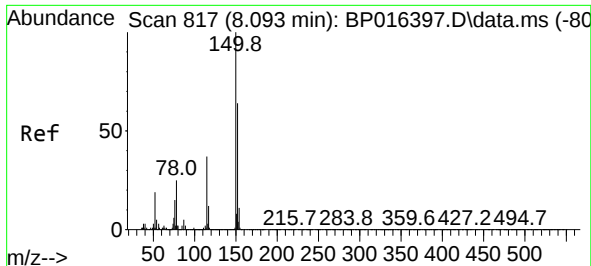
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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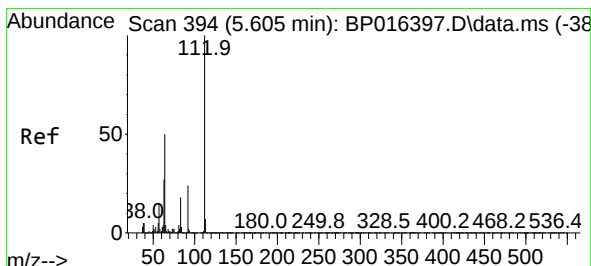
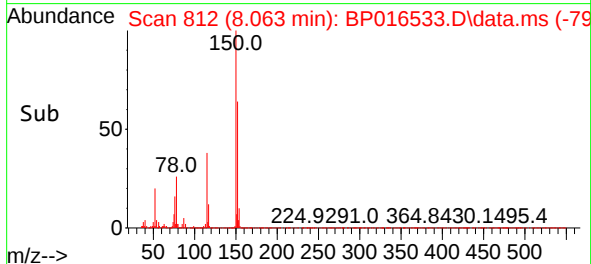
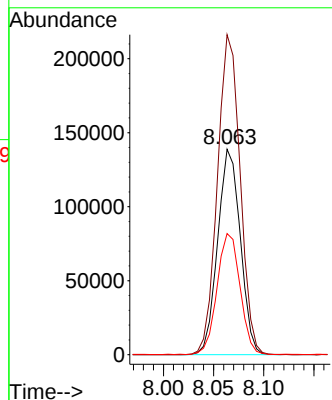
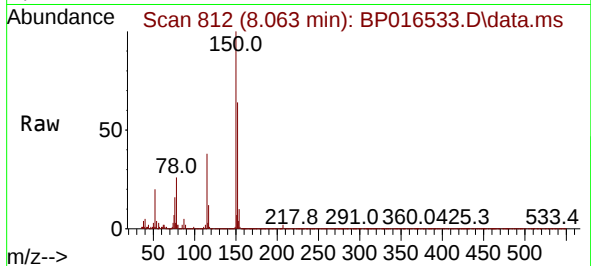




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP016533.D
Acq: 08 Aug 2023 12:08

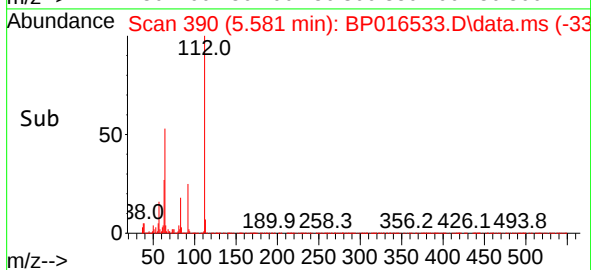
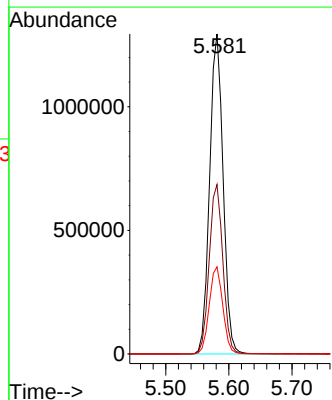
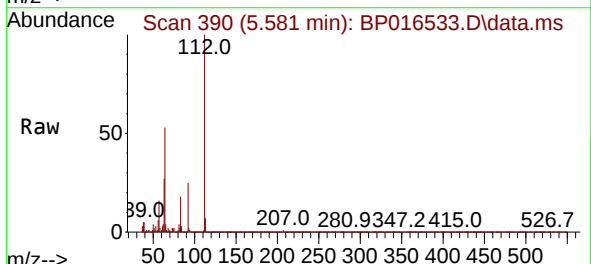
Instrument :
BNA_P
ClientSampleId :
TP-1

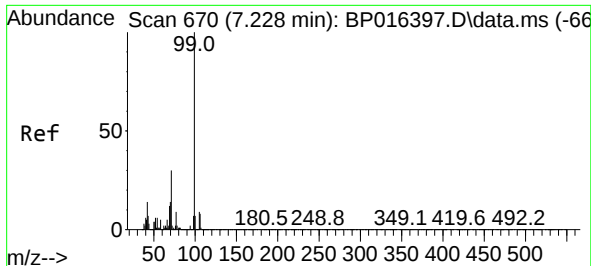
Tgt Ion:152 Resp: 217560
Ion Ratio Lower Upper
152 100
150 155.8 124.9 187.3
115 59.0 46.8 70.2



#5
2-Fluorophenol
Concen: 144.177 ng
RT: 5.581 min Scan# 390
Delta R.T. 0.006 min
Lab File: BP016533.D
Acq: 08 Aug 2023 12:08

Tgt Ion:112 Resp: 1922698
Ion Ratio Lower Upper
112 100
64 53.0 40.0 60.0
63 27.3 21.2 31.8

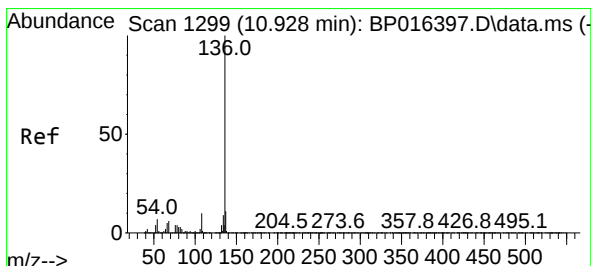
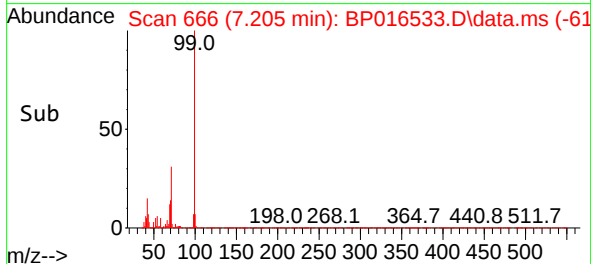
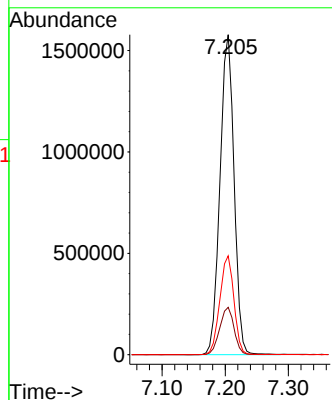
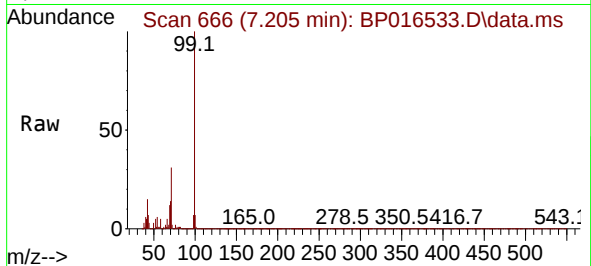




#7
Phenol-d6
Concen: 133.778 ng
RT: 7.205 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP016533.D
Acq: 08 Aug 2023 12:08

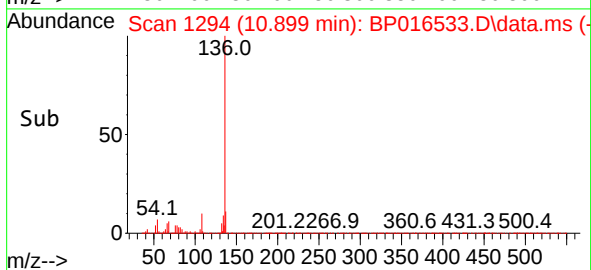
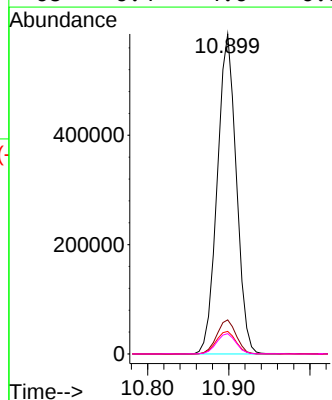
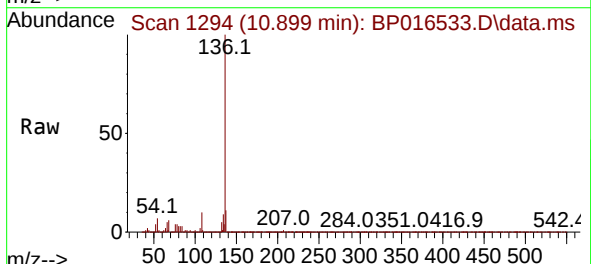
Instrument :
BNA_P
ClientSampleId :
TP-1

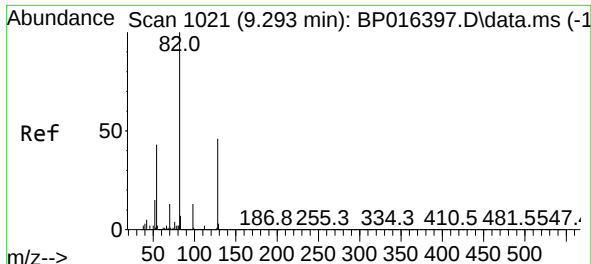
Tgt Ion: 99 Resp: 2445318
Ion Ratio Lower Upper
99 100
42 14.8 11.6 17.4
71 30.9 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.899 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BP016533.D
Acq: 08 Aug 2023 12:08

Tgt Ion:136 Resp: 953967
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.0 5.6 8.4
68 6.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 92.716 ng

RT: 9.263 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BP016533.D

Acq: 08 Aug 2023 12:08

Instrument :

BNA_P

ClientSampleId :

TP-1

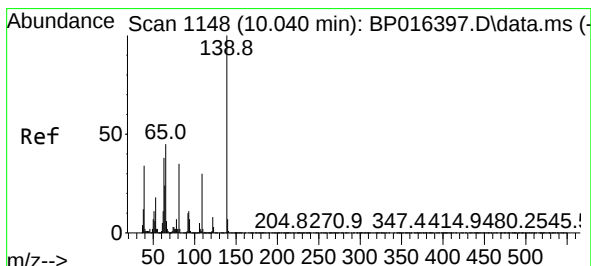
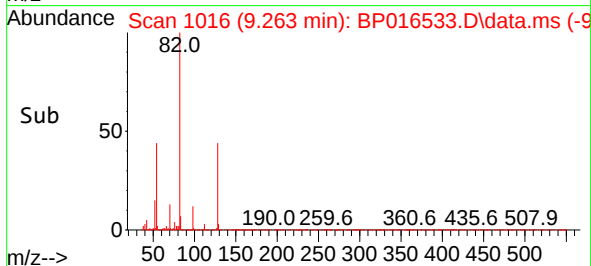
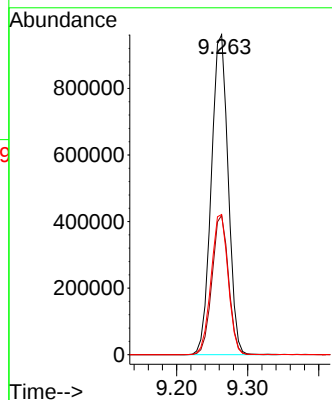
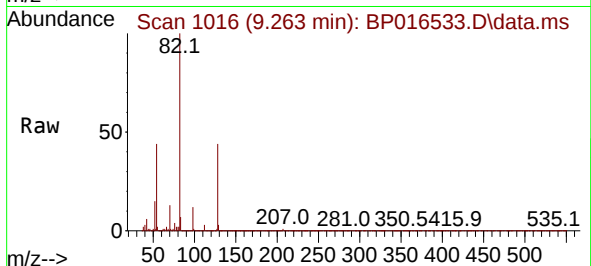
Tgt Ion: 82 Resp: 1580031

Ion Ratio Lower Upper

82 100

128 43.6 36.6 55.0

54 43.8 34.5 51.7



#26

2-Nitrophenol

Concen: 3.131 ng

RT: 10.016 min Scan# 1144

Delta R.T. 0.006 min

Lab File: BP016533.D

Acq: 08 Aug 2023 12:08

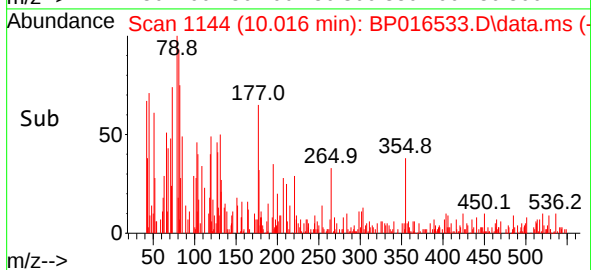
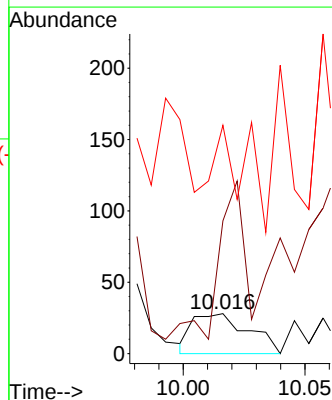
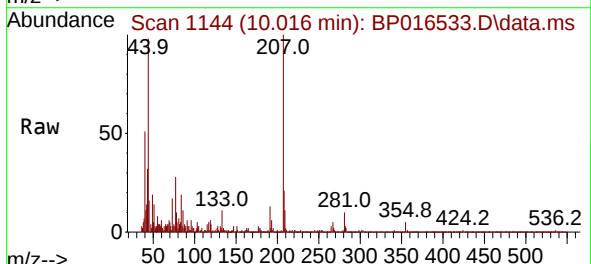
Tgt Ion:139 Resp: 45

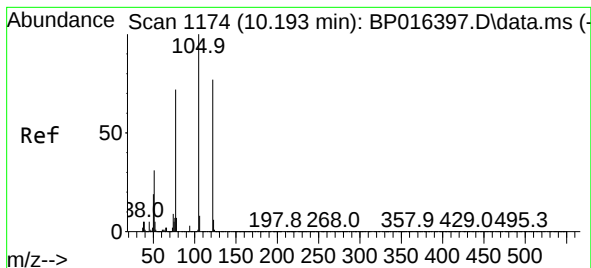
Ion Ratio Lower Upper

139 100

109 332.1 24.2 36.4#

65 571.4 35.8 53.6#





#32

Benzoic acid

Concen: 6.385 ng

RT: 10.175 min Scan# 1171

Delta R.T. 0.018 min

Lab File: BP016533.D

Acq: 08 Aug 2023 12:08

Instrument :

BNA_P

ClientSampleId :

TP-1

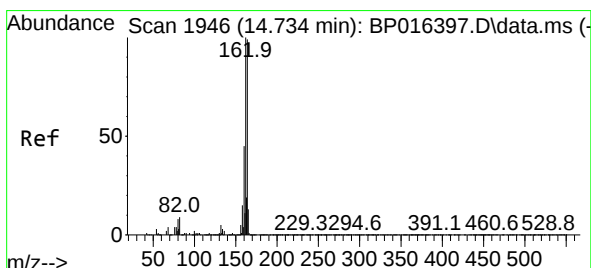
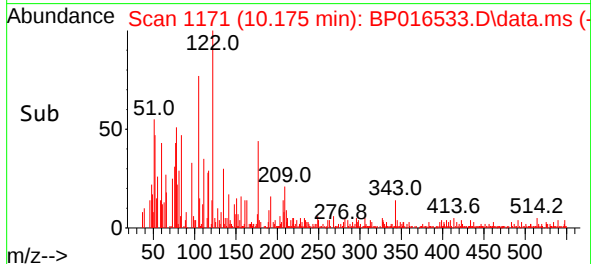
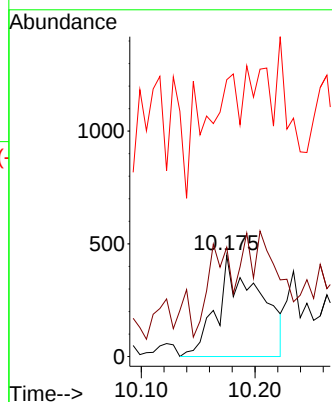
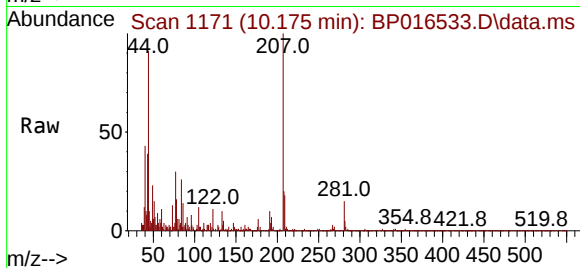
Tgt Ion:122 Resp: 1147

Ion Ratio Lower Upper

122 100

105 108.0 105.2 145.2

77 273.5 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: BP016533.D

Acq: 08 Aug 2023 12:08

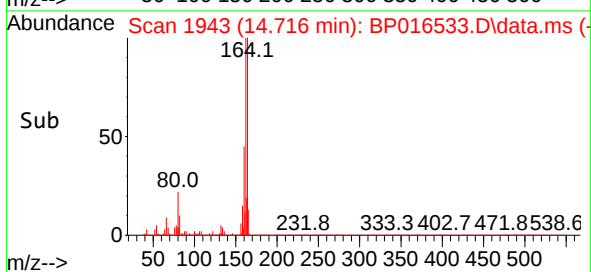
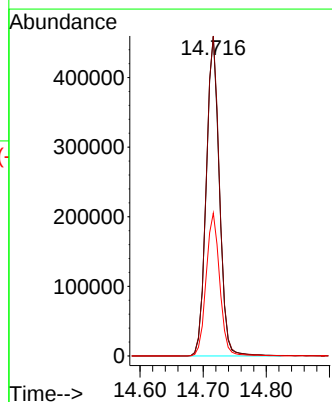
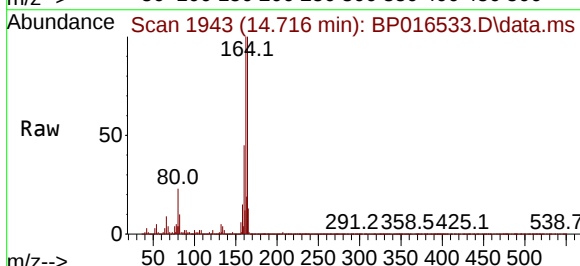
Tgt Ion:164 Resp: 661718

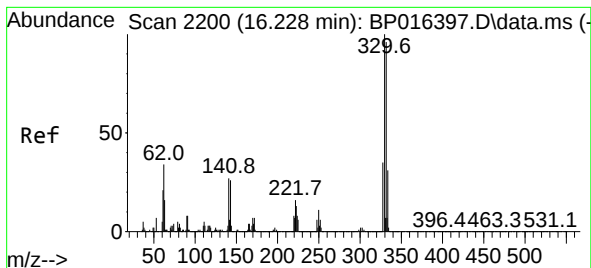
Ion Ratio Lower Upper

164 100

162 100.2 81.0 121.6

160 44.8 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 134.466 ng

RT: 16.210 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016533.D

Acq: 08 Aug 2023 12:08

Instrument :

BNA_P

ClientSampleId :

TP-1

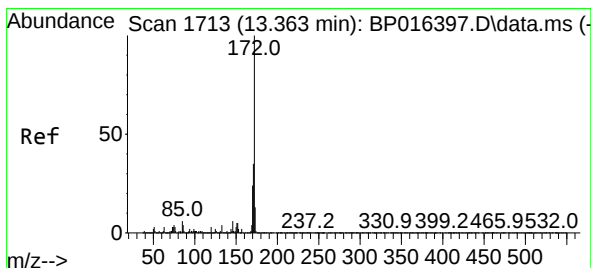
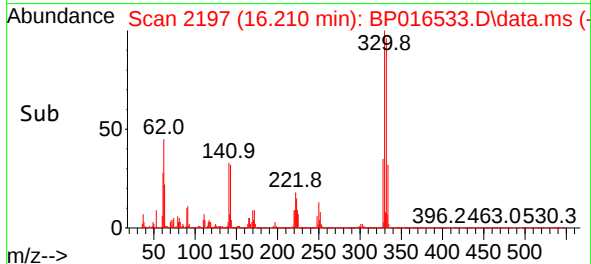
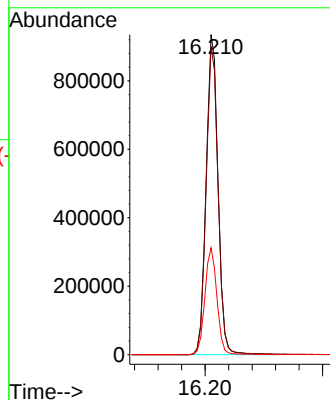
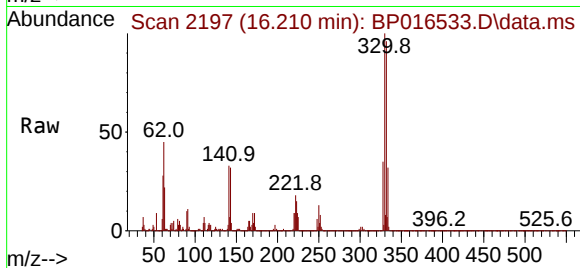
Tgt Ion:330 Resp: 1309008

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.8

141 33.8 22.6 34.0



#45

2-Fluorobiphenyl

Concen: 86.271 ng

RT: 13.340 min Scan# 1709

Delta R.T. 0.000 min

Lab File: BP016533.D

Acq: 08 Aug 2023 12:08

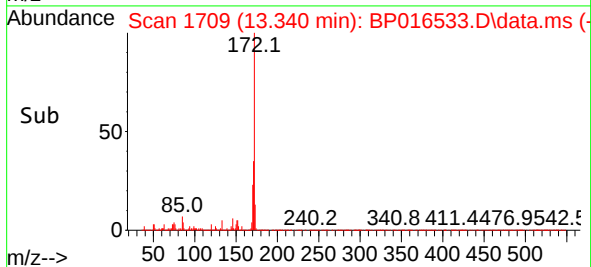
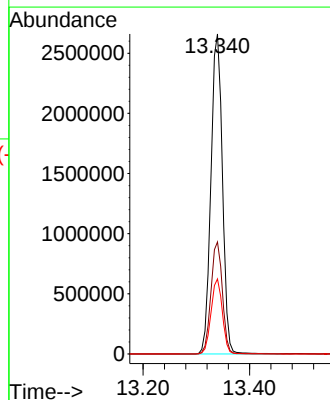
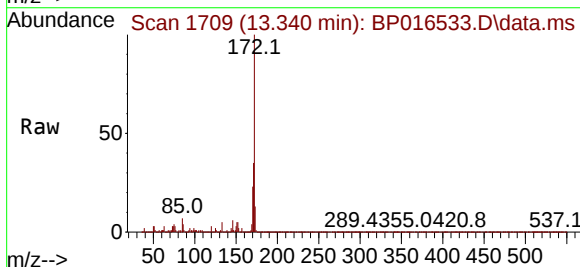
Tgt Ion:172 Resp: 3981888

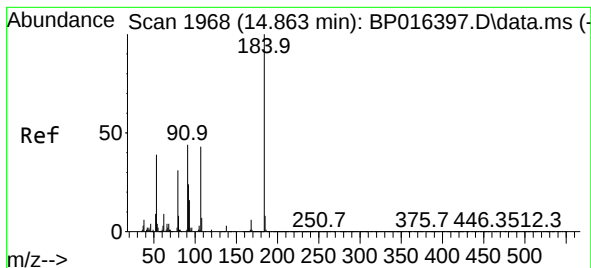
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.4 19.1 28.7





#54

2,4-Dinitrophenol

Concen: 8.005 ng

RT: 14.857 min Scan# 1967

Delta R.T. 0.012 min

Lab File: BP016533.D

Acq: 08 Aug 2023 12:08

Instrument :

BNA_P

ClientSampleId :

TP-1

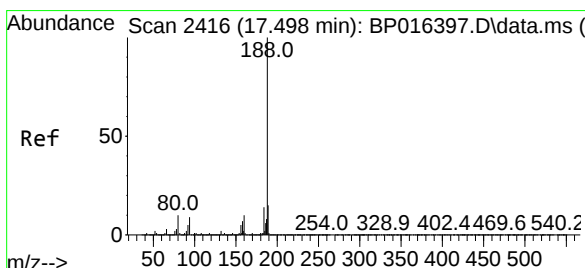
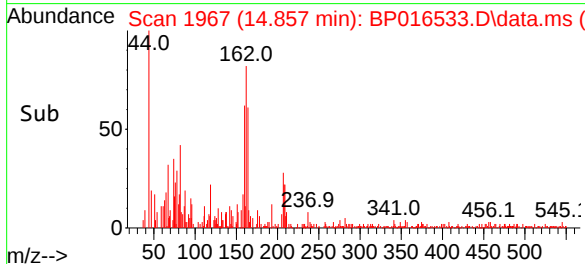
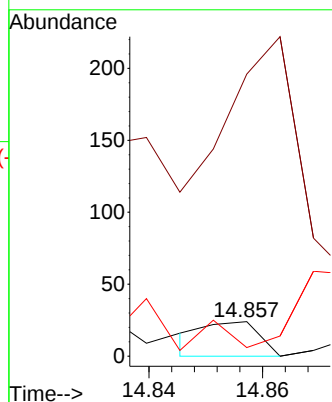
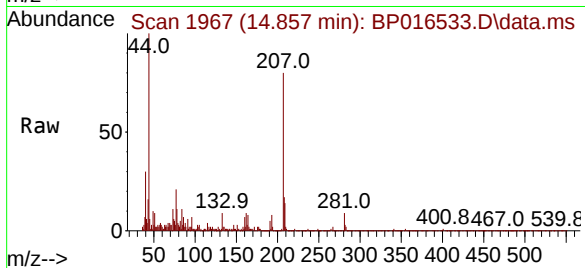
Tgt Ion:184 Resp: 16

Ion Ratio Lower Upper

184 100

63 816.7 48.2 72.4#

154 25.0 49.6 74.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.481 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BP016533.D

Acq: 08 Aug 2023 12:08

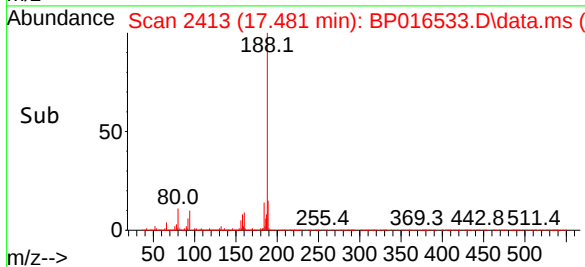
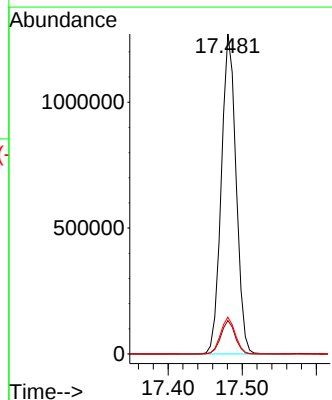
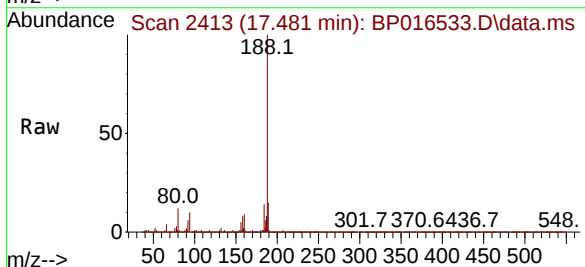
Tgt Ion:188 Resp: 1757840

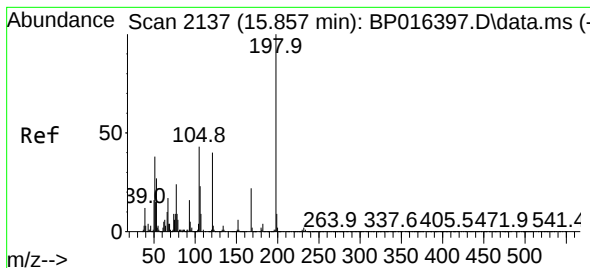
Ion Ratio Lower Upper

188 100

94 10.5 7.4 11.0

80 11.5 7.8 11.8

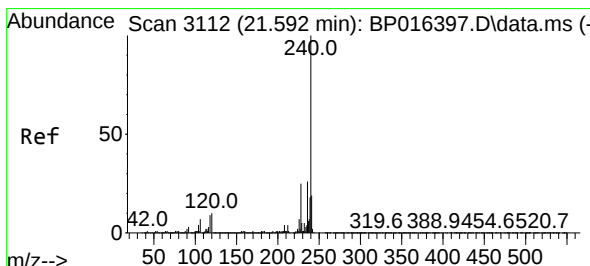
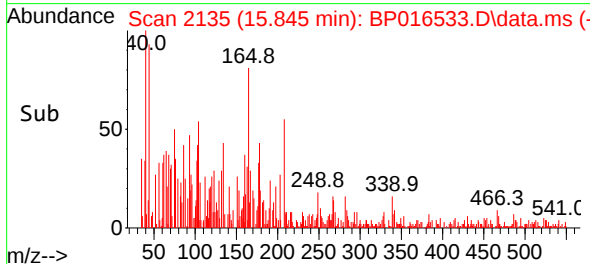
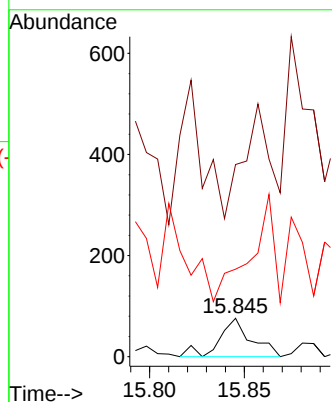
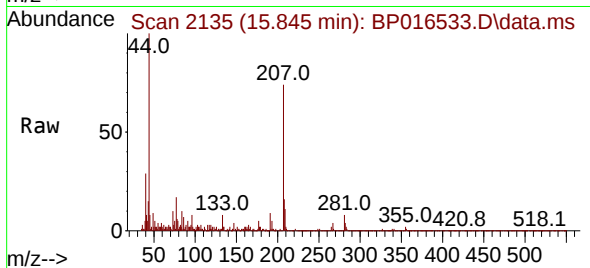




#65
4,6-Dinitro-2-methylphenol
Concen: 6.311 ng
RT: 15.845 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BP016533.D
Acq: 08 Aug 2023 12:08

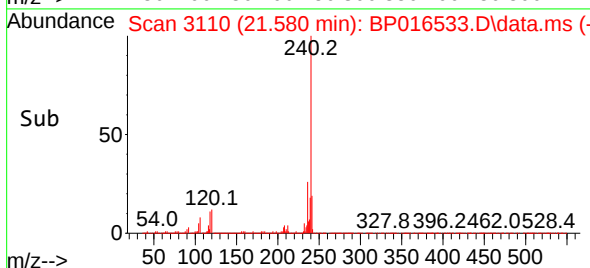
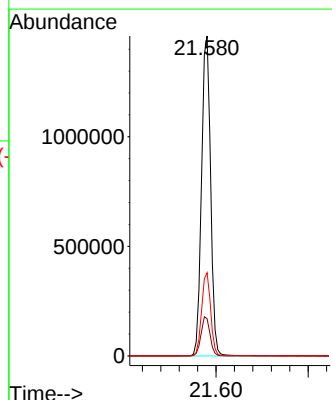
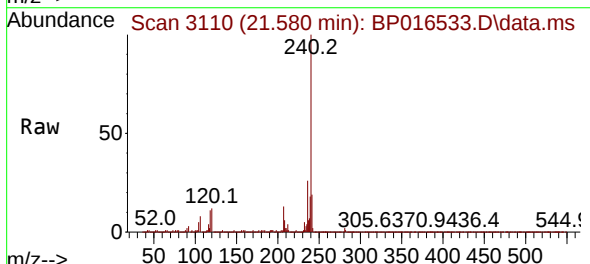
Instrument :
BNA_P
ClientSampleId :
TP-1

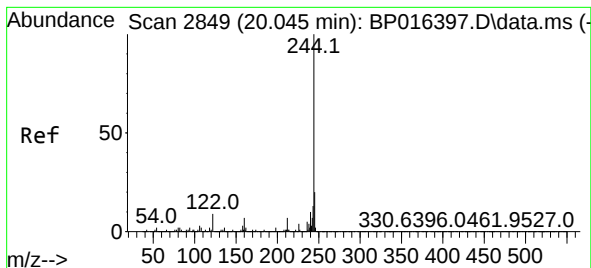
Tgt Ion:198 Resp: 89
Ion Ratio Lower Upper
198 100
51 500.0 20.1 60.1#
105 227.6 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP016533.D
Acq: 08 Aug 2023 12:08

Tgt Ion:240 Resp: 1999034
Ion Ratio Lower Upper
240 100
120 11.7 7.9 11.9
236 26.0 21.1 31.7





#79

Terphenyl-d14

Concen: 91.788 ng

RT: 20.033 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP016533.D

Acq: 08 Aug 2023 12:08

Instrument :

BNA_P

ClientSampleId :

TP-1

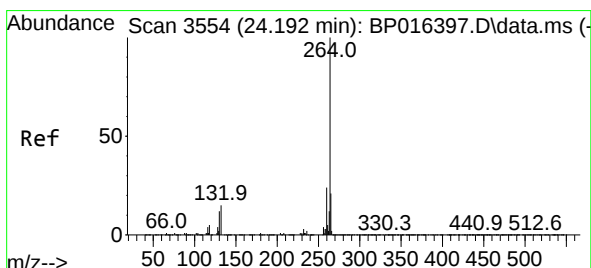
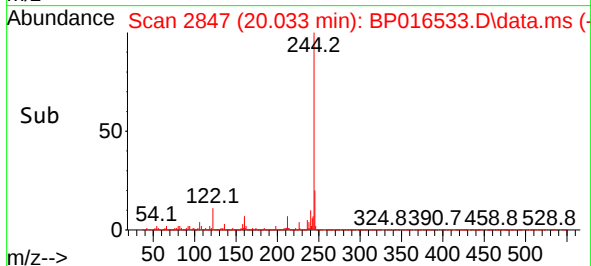
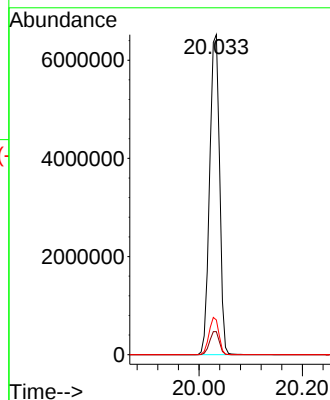
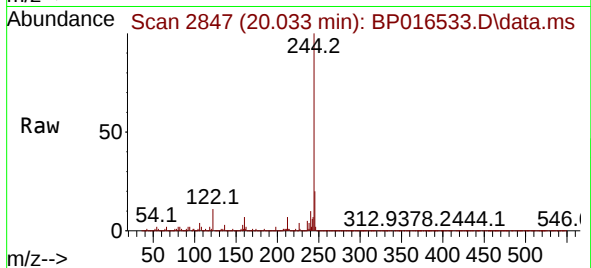
Tgt Ion:244 Resp: 8686111

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 10.8 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.174 min Scan# 3551

Delta R.T. 0.000 min

Lab File: BP016533.D

Acq: 08 Aug 2023 12:08

Tgt Ion:264 Resp: 2259137

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 21.3 17.4 26.0

