

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080823\
 Data File : BP016536.D
 Acq On : 08 Aug 2023 13:51
 Operator : MA/JU
 Sample : 03913-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11933

Quant Time: Aug 08 16:46:26 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)

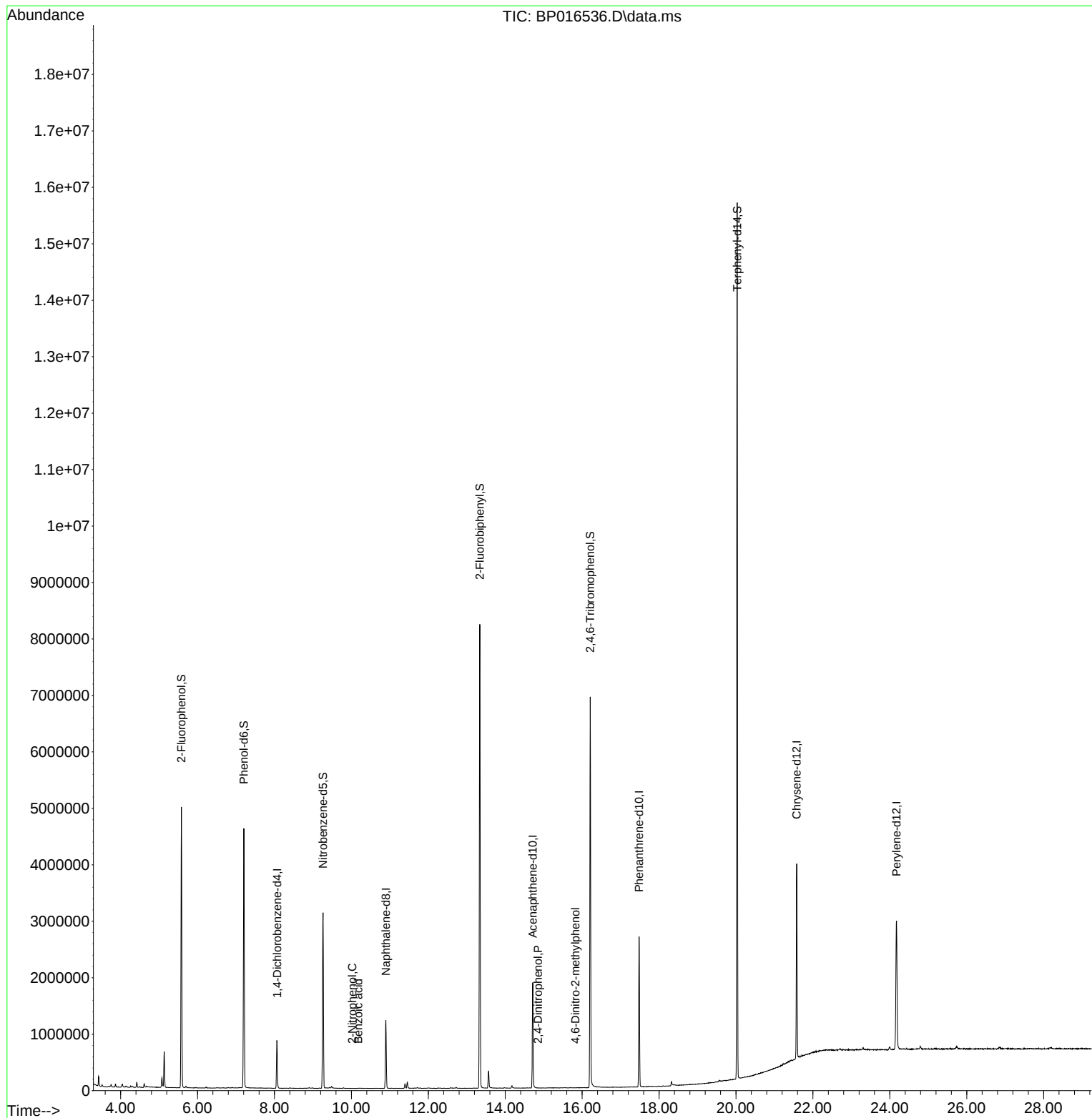
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	231289	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	981295	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	623377	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	1539591	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1614610	20.000	ng	# 0.00
86) Perylene-d12	24.174	264	1803931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2193764	154.739	ng	0.00
7) Phenol-d6	7.204	99	2739443	140.973	ng	0.00
23) Nitrobenzene-d5	9.263	82	1809616	103.230	ng	0.00
42) 2,4,6-Tribromophenol	16.210	330	1237681	134.959	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	4154006	95.536	ng	0.00
79) Terphenyl-d14	20.033	244	7662038	100.244	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.204	77	5957	Below Cal	#	8
26) 2-Nitrophenol	10.022	139	12	3.127 ng	#	1
32) Benzoic acid	10.181	122	930	6.364 ng	#	21
54) 2,4-Dinitrophenol	14.851	184	39	8.009 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.822	198	12	6.303 ng	#	1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080823\
Data File : BP016536.D
Acq On : 08 Aug 2023 13:51
Operator : MA/JU
Sample : 03913-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11933

Quant Time: Aug 08 16:46:26 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

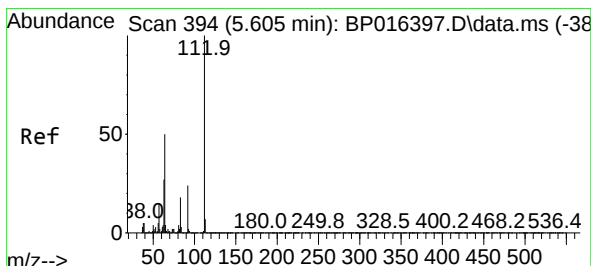
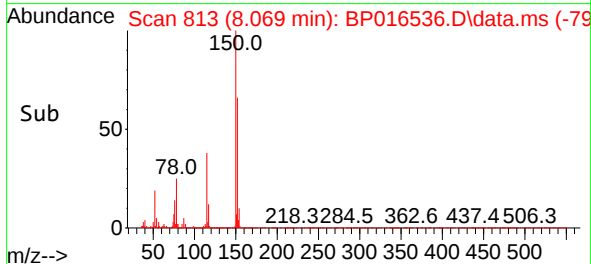
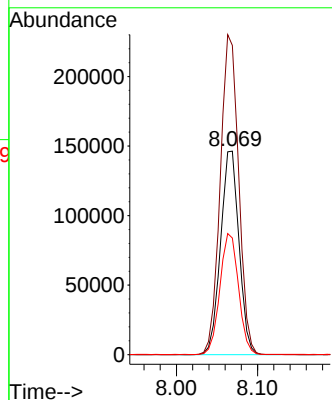
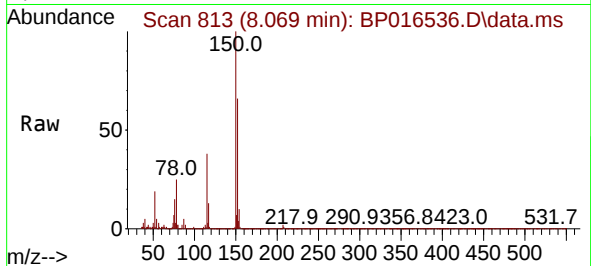




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP016536.D
Acq: 08 Aug 2023 13:51

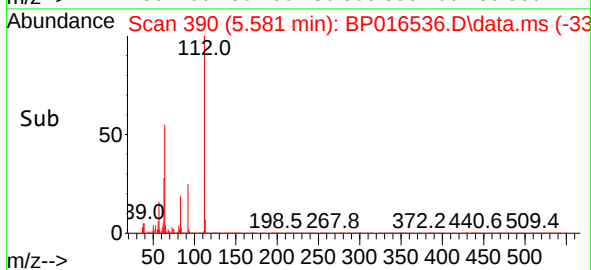
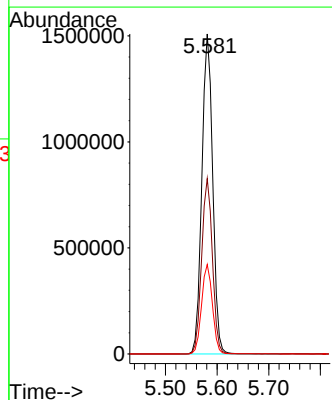
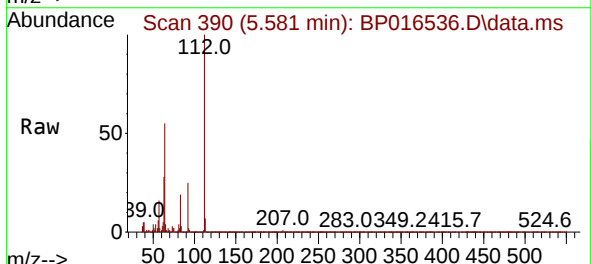
Instrument :
BNA_P
ClientSampleId :
72-11933

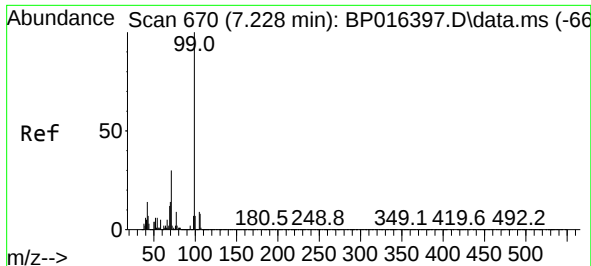
Tgt Ion:152 Resp: 231289
Ion Ratio Lower Upper
152 100
150 151.9 124.9 187.3
115 57.3 46.8 70.2



#5
2-Fluorophenol
Concen: 154.739 ng
RT: 5.581 min Scan# 390
Delta R.T. 0.006 min
Lab File: BP016536.D
Acq: 08 Aug 2023 13:51

Tgt Ion:112 Resp: 2193764
Ion Ratio Lower Upper
112 100
64 54.8 40.0 60.0
63 27.9 21.2 31.8

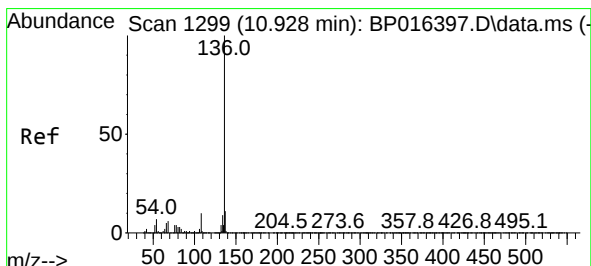
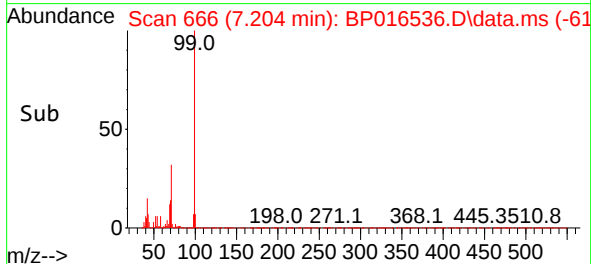
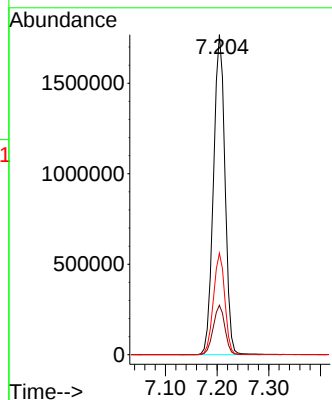
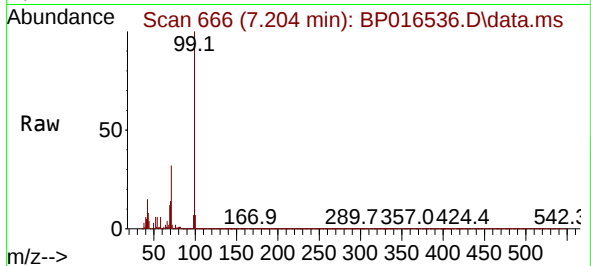




#7
Phenol-d6
Concen: 140.973 ng
RT: 7.204 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP016536.D
Acq: 08 Aug 2023 13:51

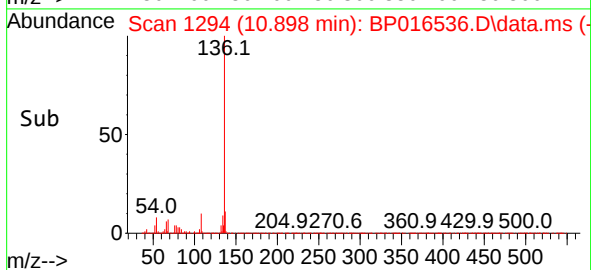
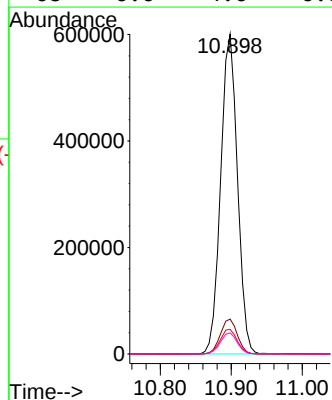
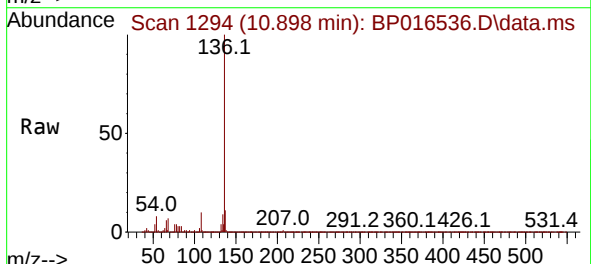
Instrument :
BNA_P
ClientSampleId :
72-11933

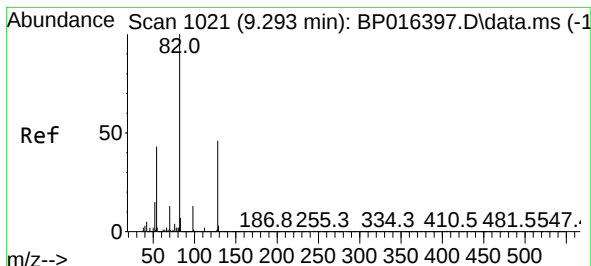
Tgt Ion: 99 Resp: 2739443
Ion Ratio Lower Upper
99 100
42 15.5 11.6 17.4
71 31.7 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BP016536.D
Acq: 08 Aug 2023 13:51

Tgt Ion:136 Resp: 981295
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.7 5.6 8.4
68 6.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 103.230 ng

RT: 9.263 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BP016536.D

Acq: 08 Aug 2023 13:51

Instrument :

BNA_P

ClientSampleId :

72-11933

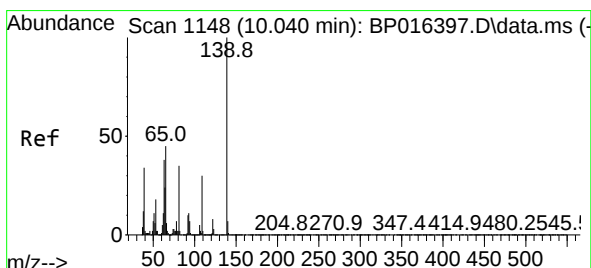
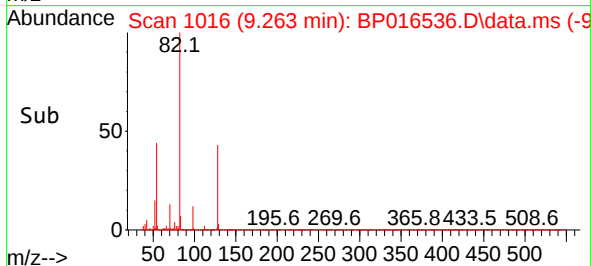
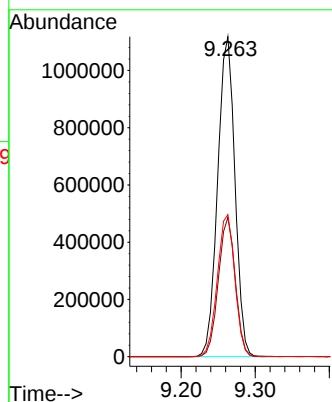
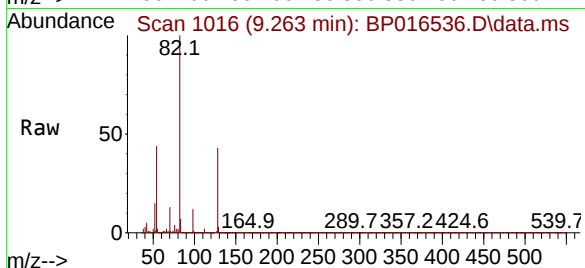
Tgt Ion: 82 Resp: 1809616

Ion Ratio Lower Upper

82 100

128 43.5 36.6 55.0

54 44.4 34.5 51.7



#26

2-Nitrophenol

Concen: 3.127 ng

RT: 10.022 min Scan# 1145

Delta R.T. 0.012 min

Lab File: BP016536.D

Acq: 08 Aug 2023 13:51

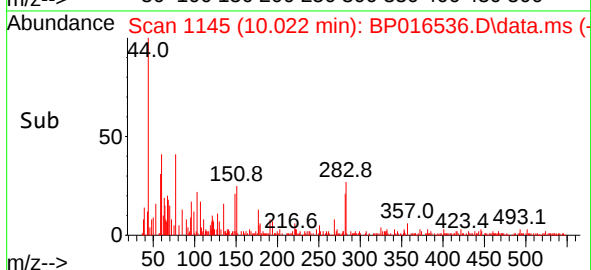
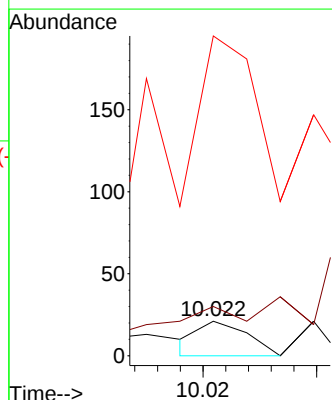
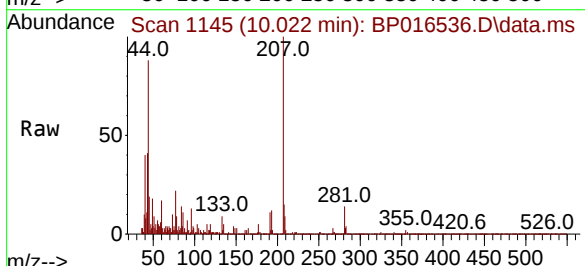
Tgt Ion:139 Resp: 12

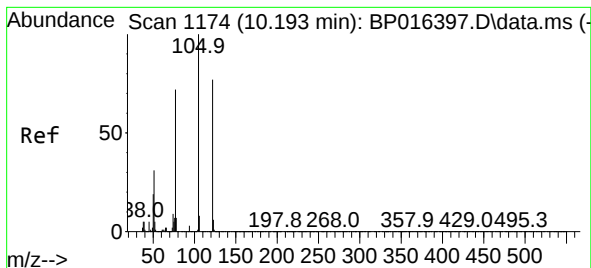
Ion Ratio Lower Upper

139 100

109 142.9 24.2 36.4#

65 1166.7 35.8 53.6#





#32

Benzoic acid

Concen: 6.364 ng

RT: 10.181 min Scan# 1172

Delta R.T. 0.023 min

Lab File: BP016536.D

Acq: 08 Aug 2023 13:51

Instrument :

BNA_P

ClientSampleId :

72-11933

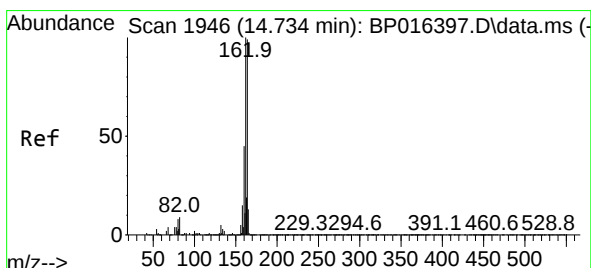
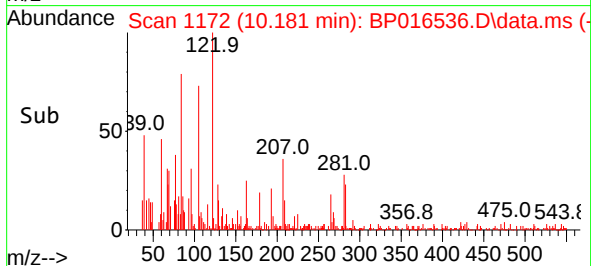
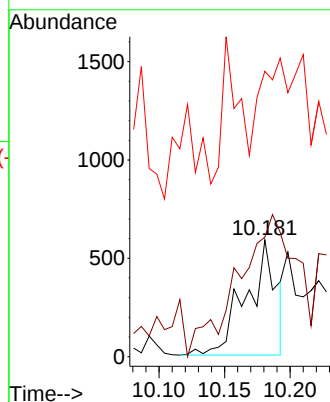
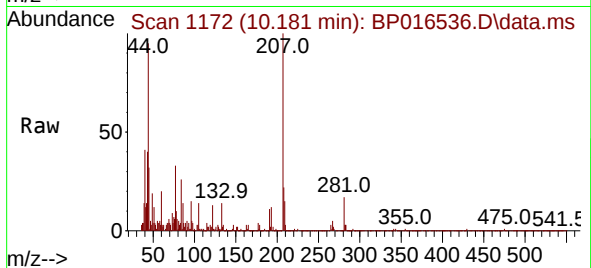
Tgt Ion:122 Resp: 930

Ion Ratio Lower Upper

122 100

105 102.4 105.2 145.2#

77 244.3 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: BP016536.D

Acq: 08 Aug 2023 13:51

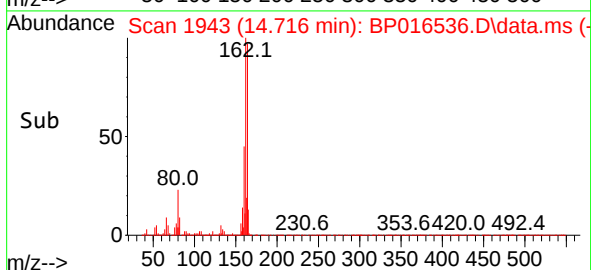
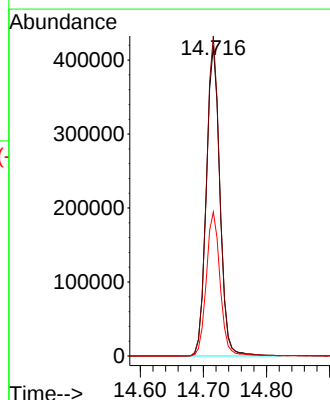
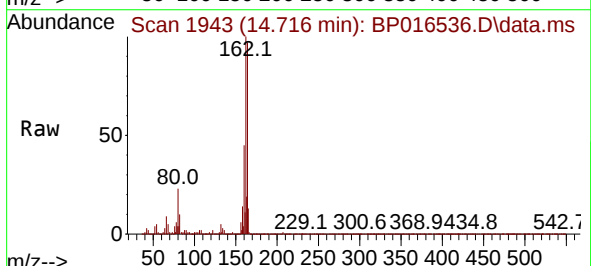
Tgt Ion:164 Resp: 623377

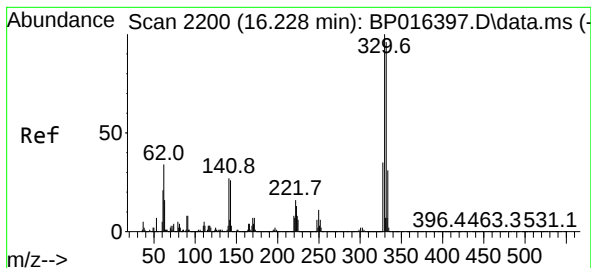
Ion Ratio Lower Upper

164 100

162 103.1 81.0 121.6

160 46.4 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 134.959 ng

RT: 16.210 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016536.D

Acq: 08 Aug 2023 13:51

Instrument :

BNA_P

ClientSampleId :

72-11933

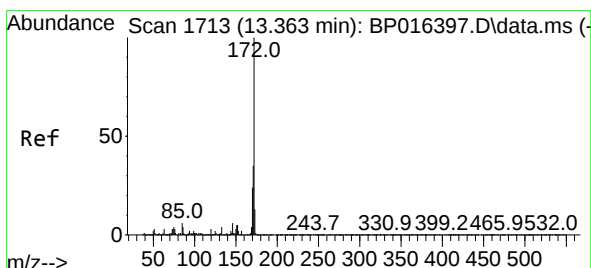
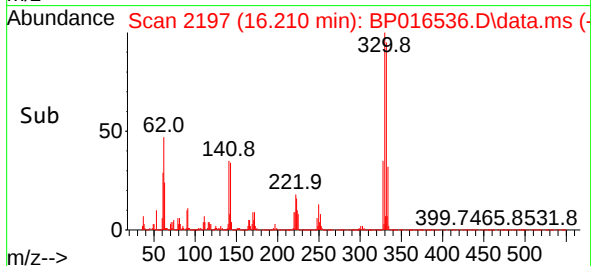
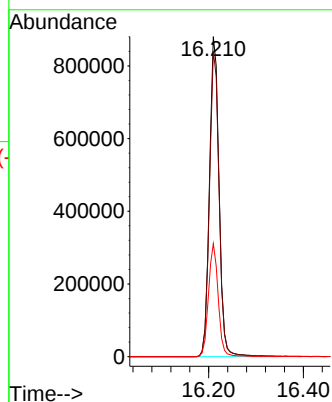
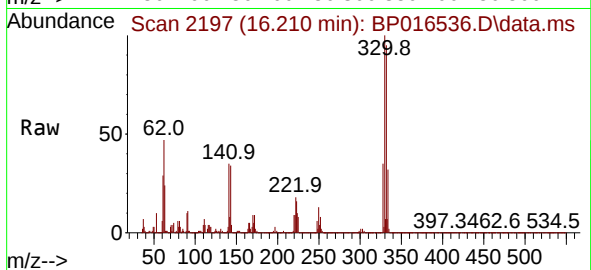
Tgt Ion:330 Resp: 1237681

Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.8

141 35.8 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 95.536 ng

RT: 13.339 min Scan# 1709

Delta R.T. -0.000 min

Lab File: BP016536.D

Acq: 08 Aug 2023 13:51

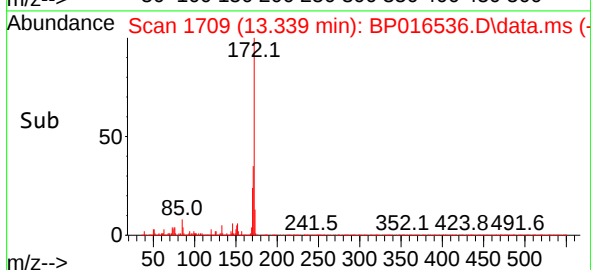
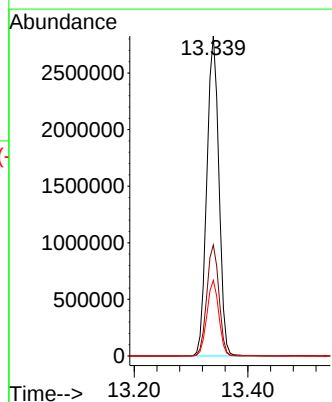
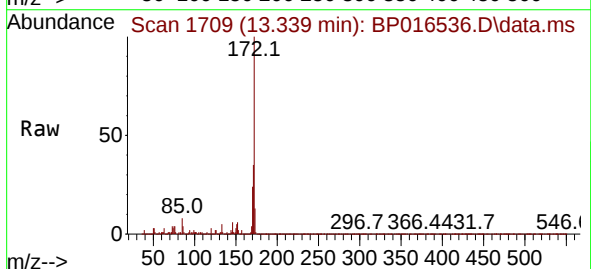
Tgt Ion:172 Resp: 4154006

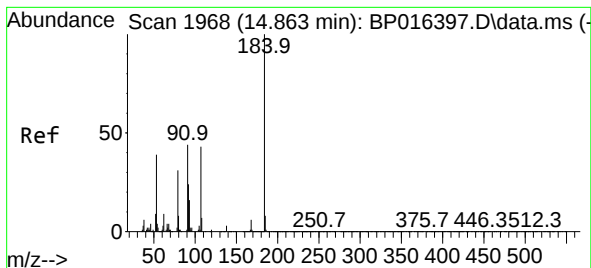
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

170 23.7 19.1 28.7

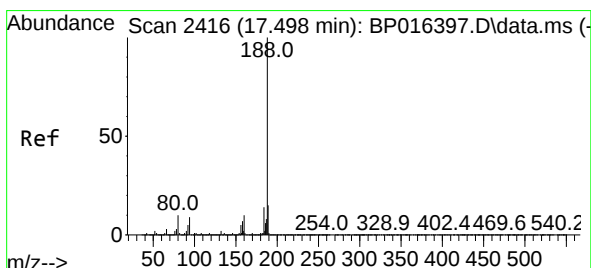
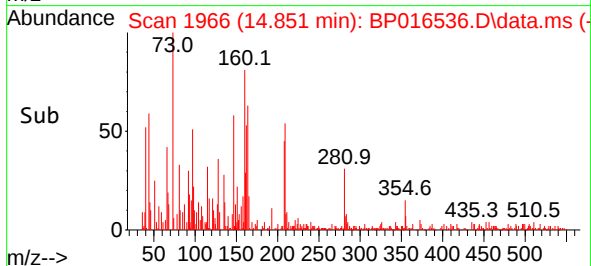
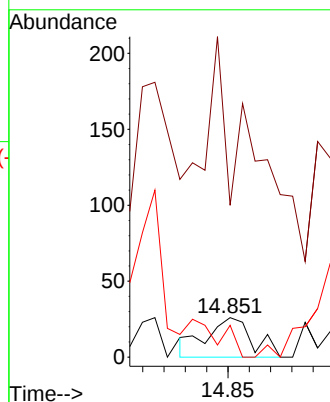
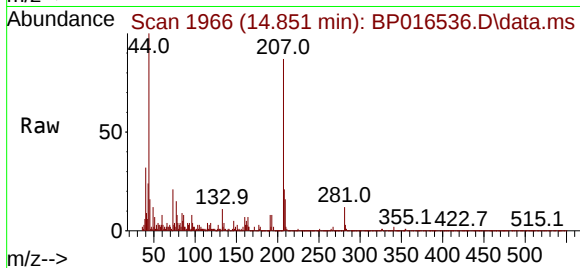




#54
2,4-Dinitrophenol
Concen: 8.009 ng
RT: 14.851 min Scan# 1966
Delta R.T. 0.006 min
Lab File: BP016536.D
Acq: 08 Aug 2023 13:51

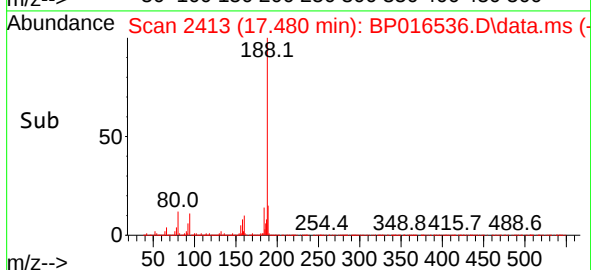
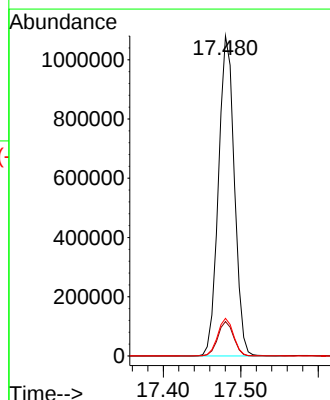
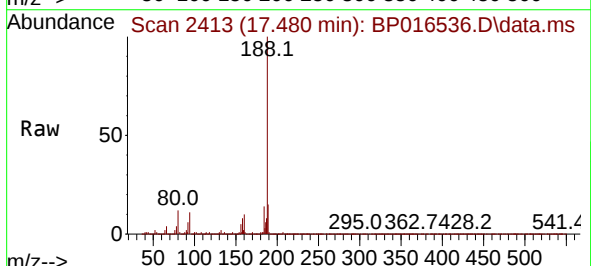
Instrument :
BNA_P
ClientSampleId :
72-11933

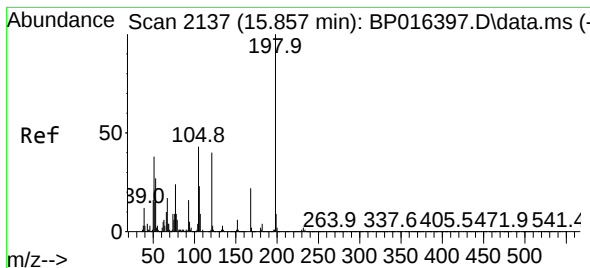
Tgt Ion:184 Resp: 39
Ion Ratio Lower Upper
184 100
63 384.6 48.2 72.4#
154 80.8 49.6 74.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP016536.D
Acq: 08 Aug 2023 13:51

Tgt Ion:188 Resp: 1539591
Ion Ratio Lower Upper
188 100
94 10.8 7.4 11.0
80 11.8 7.8 11.8

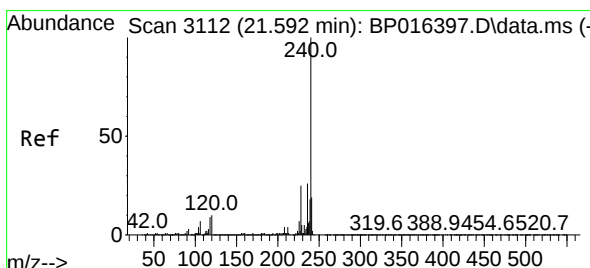
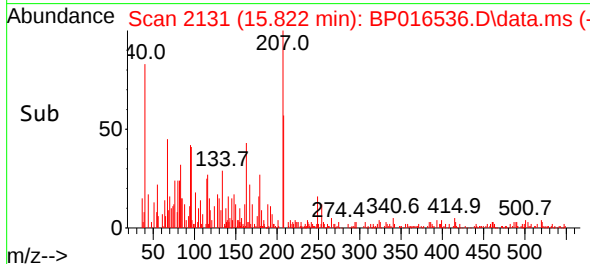
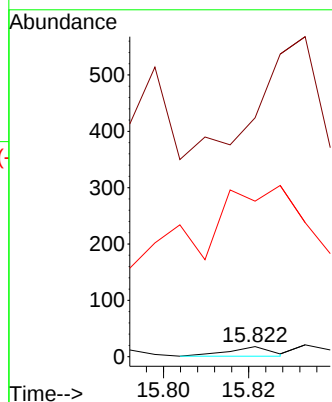
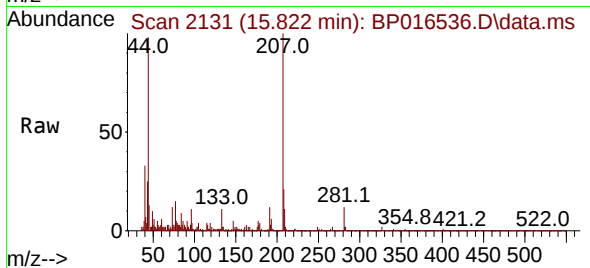




#65
4,6-Dinitro-2-methylphenol
Concen: 6.303 ng
RT: 15.822 min Scan# 2137
Delta R.T. -0.024 min
Lab File: BP016536.D
Acq: 08 Aug 2023 13:51

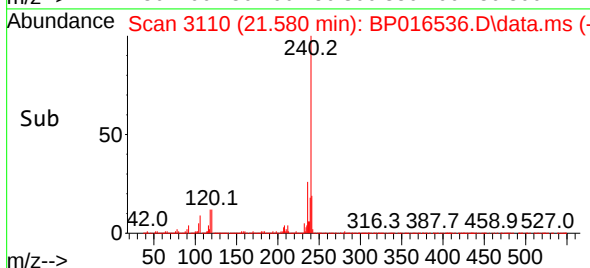
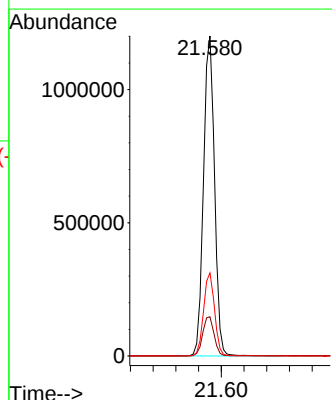
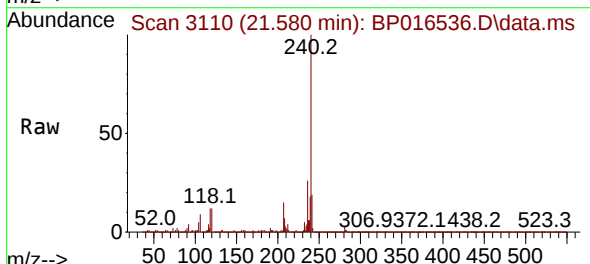
Instrument :
BNA_P
ClientSampleId :
72-11933

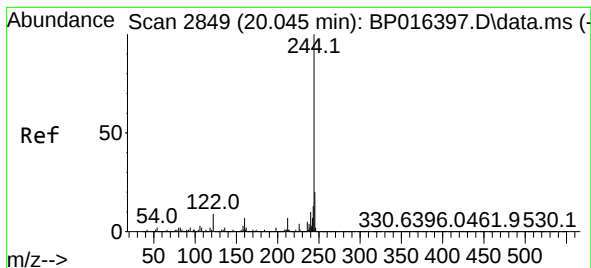
Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 2355.6 20.1 60.1#
105 1550.0 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BP016536.D
Acq: 08 Aug 2023 13:51

Tgt Ion:240 Resp: 1614610
Ion Ratio Lower Upper
240 100
120 12.3 7.9 11.9#
236 26.0 21.1 31.7





#79

Terphenyl-d14

Concen: 100.244 ng

RT: 20.033 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP016536.D

Acq: 08 Aug 2023 13:51

Instrument :

BNA_P

ClientSampleId :

72-11933

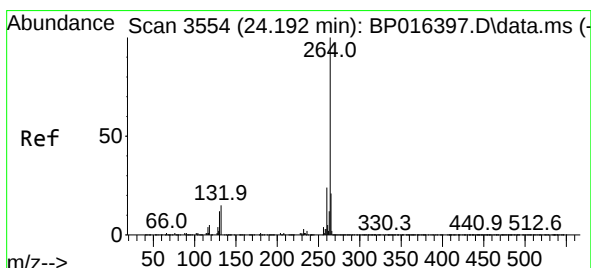
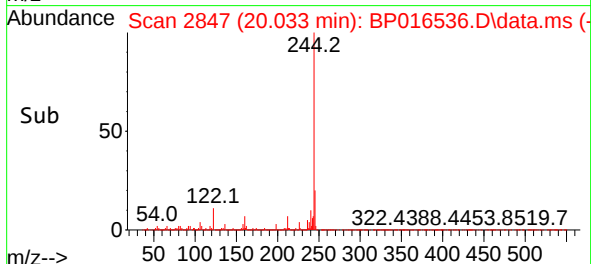
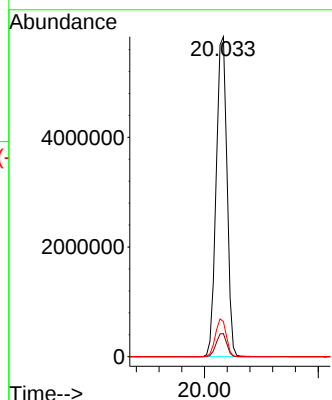
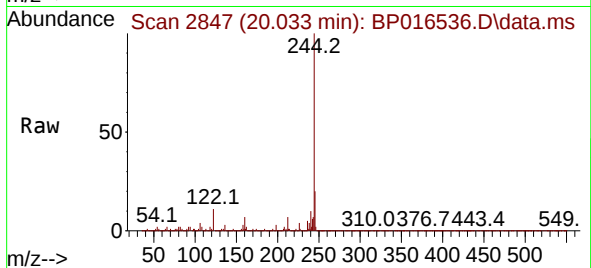
Tgt Ion:244 Resp: 7662038

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.0 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: BP016536.D

Acq: 08 Aug 2023 13:51

Tgt Ion:264 Resp: 1803931

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.3 17.4 26.0

