

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080823\
 Data File : BP016530.D
 Acq On : 08 Aug 2023 10:26
 Operator : MA/JU
 Sample : PB154690BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154690BL

Quant Time: Aug 08 16:47:47 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)

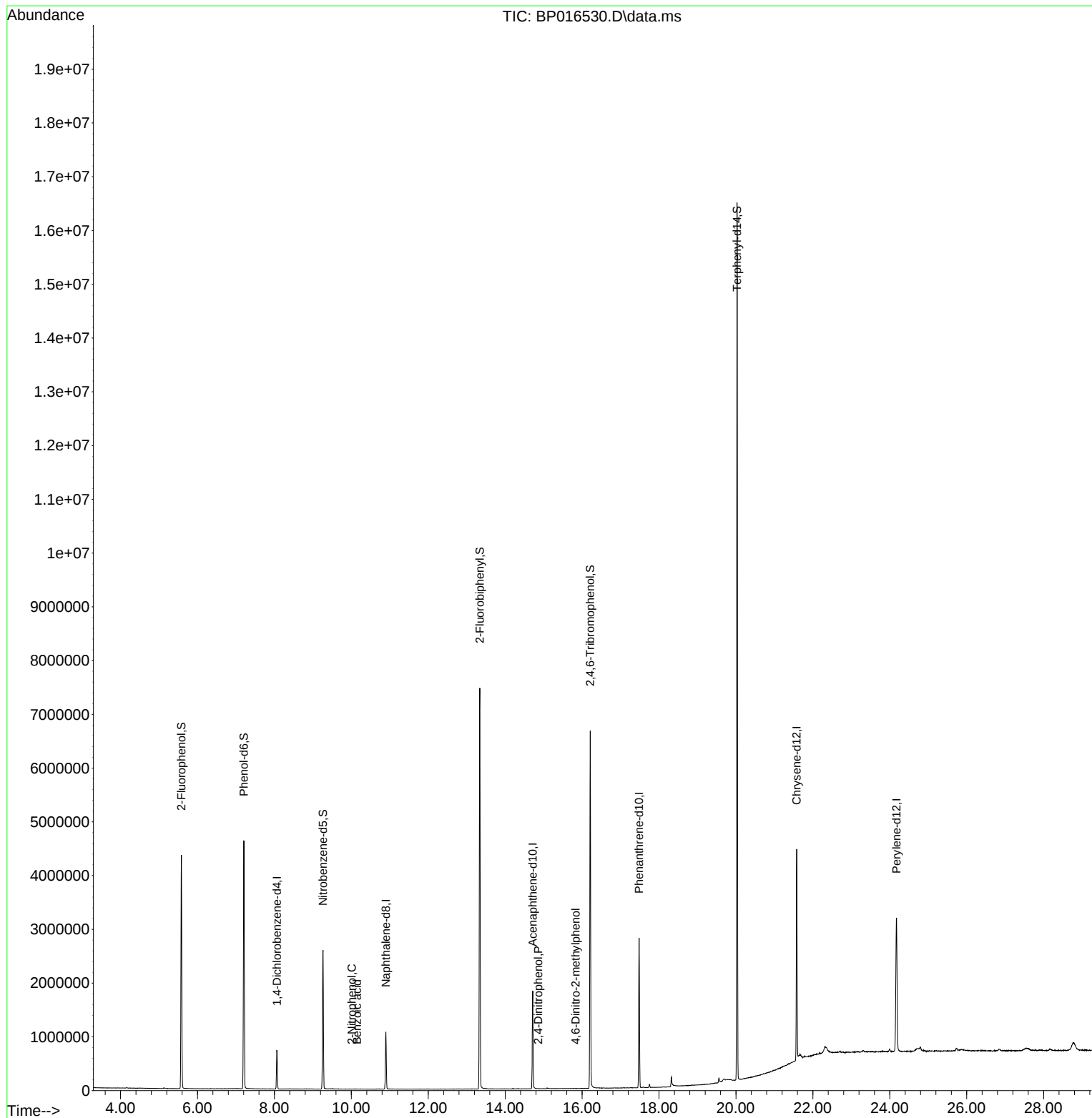
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	193117	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	877339	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	615265	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	1603791	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1821257	20.000	ng	0.00
86) Perylene-d12	24.174	264	2088185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	2013694	170.113	ng	0.00
7) Phenol-d6	7.205	99	2772797	170.894	ng	0.00
23) Nitrobenzene-d5	9.263	82	1505413	96.053	ng	0.00
42) 2,4,6-Tribromophenol	16.210	330	1237517	136.720	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	3848499	89.677	ng	0.00
79) Terphenyl-d14	20.027	244	8023265	93.059	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.199	77	6355	Below Cal	#	4
26) 2-Nitrophenol	10.010	139	17	3.128 ng	#	1
32) Benzoic acid	10.146	122	111	6.296 ng	#	1
54) 2,4-Dinitrophenol	14.863	184	10	8.004 ng	#	15
65) 4,6-Dinitro-2-methylph...	15.834	198	28	6.305 ng	#	1

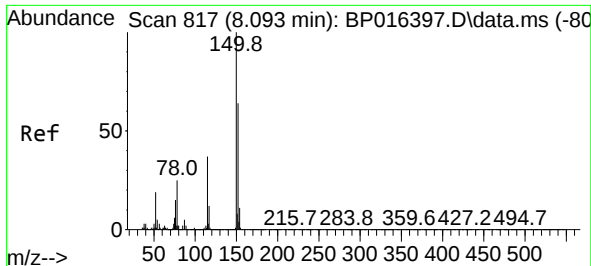
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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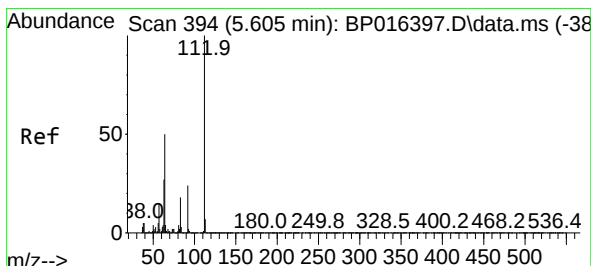
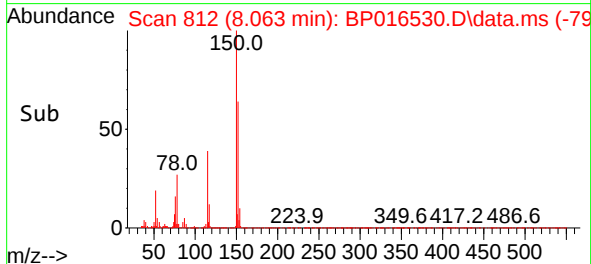
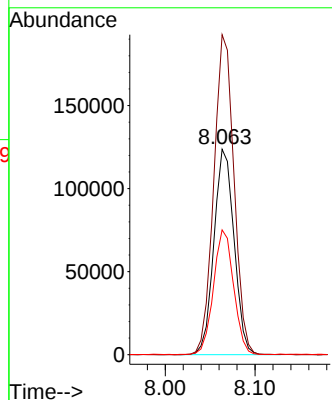
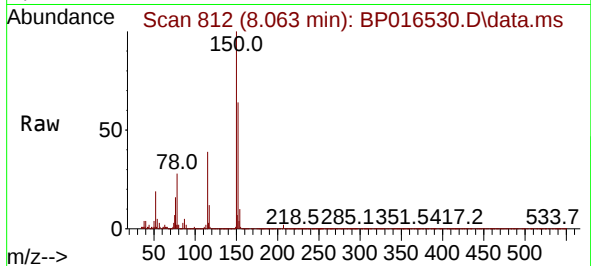




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP016530.D
Acq: 08 Aug 2023 10:26

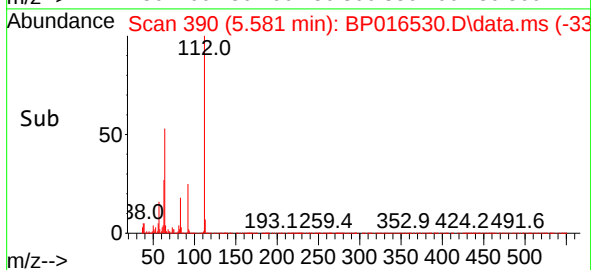
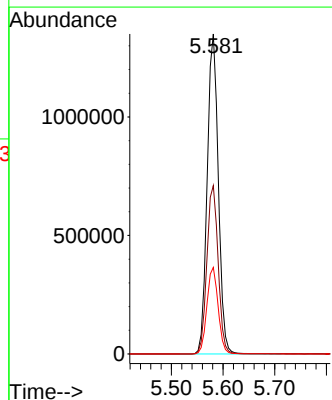
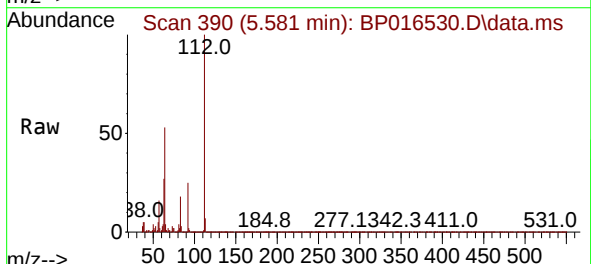
Instrument :
BNA_P
ClientSampleId :
PB154690BL

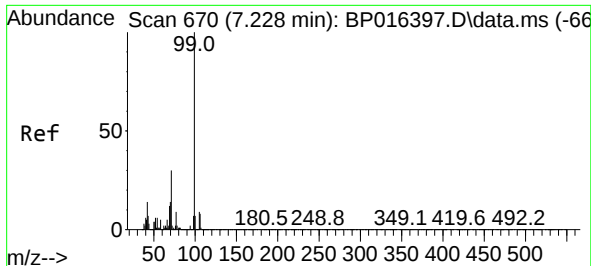
Tgt Ion:152 Resp: 193117
Ion Ratio Lower Upper
152 100
150 155.7 124.9 187.3
115 60.8 46.8 70.2



#5
2-Fluorophenol
Concen: 170.113 ng
RT: 5.581 min Scan# 390
Delta R.T. 0.006 min
Lab File: BP016530.D
Acq: 08 Aug 2023 10:26

Tgt Ion:112 Resp: 2013694
Ion Ratio Lower Upper
112 100
64 52.6 40.0 60.0
63 27.1 21.2 31.8

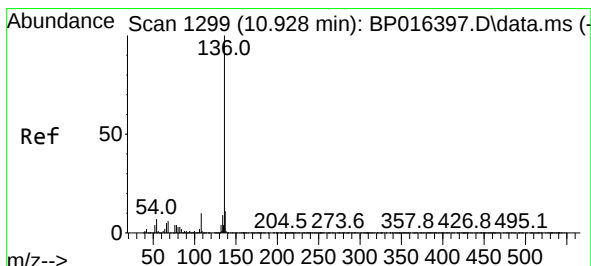
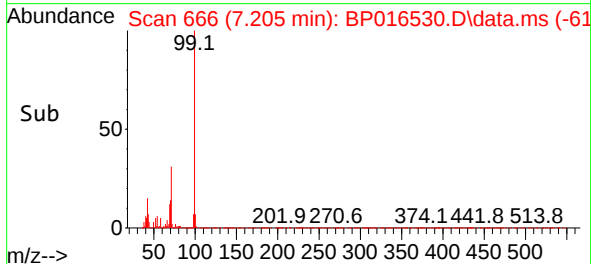
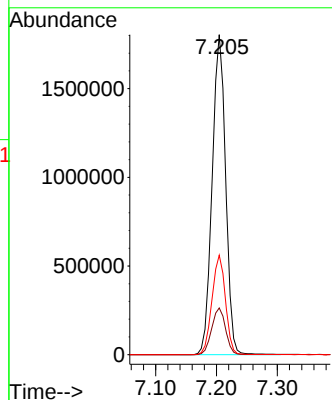
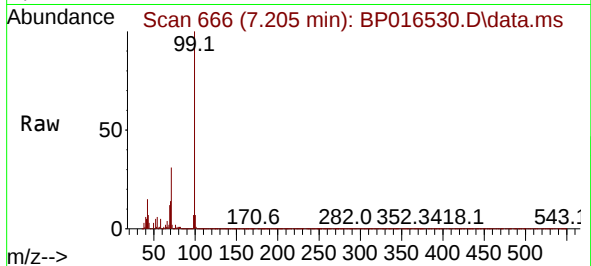




#7
Phenol-d6
Concen: 170.894 ng
RT: 7.205 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP016530.D
Acq: 08 Aug 2023 10:26

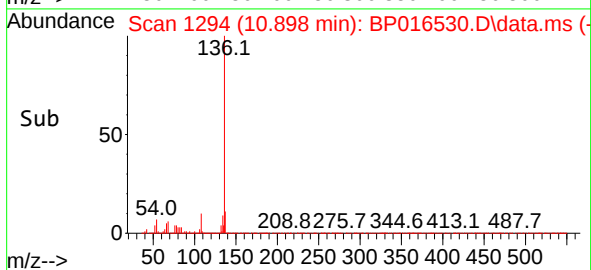
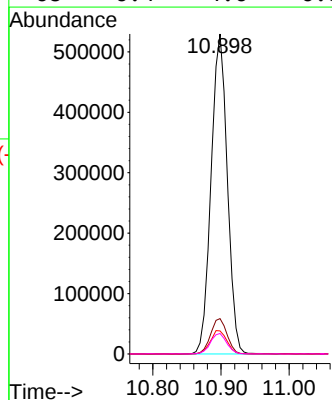
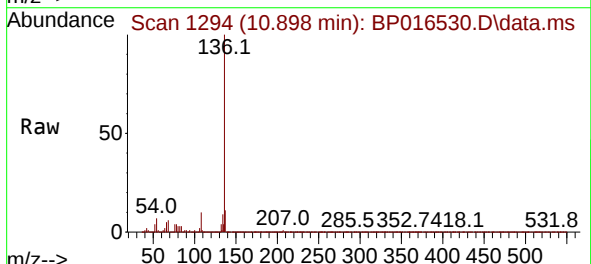
Instrument :
BNA_P
ClientSampleId :
PB154690BL

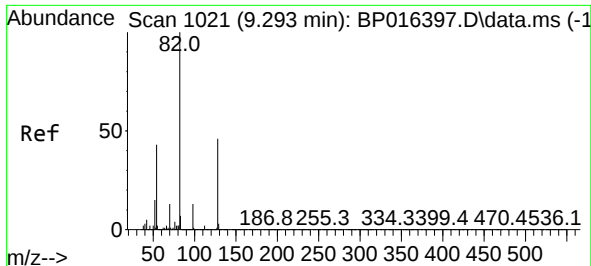
Tgt Ion: 99 Resp: 2772797
Ion Ratio Lower Upper
99 100
42 14.6 11.6 17.4
71 31.1 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BP016530.D
Acq: 08 Aug 2023 10:26

Tgt Ion:136 Resp: 877339
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.2 5.6 8.4
68 6.4 4.6 6.8

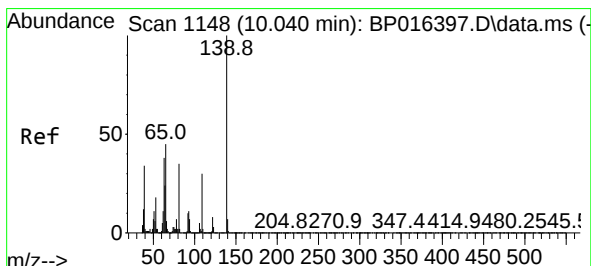
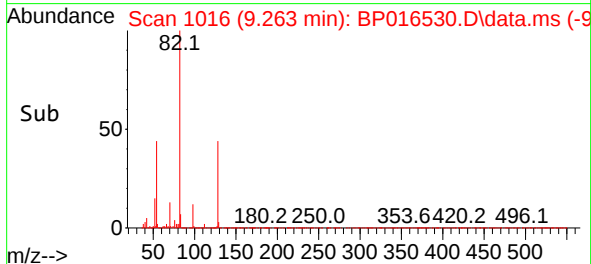
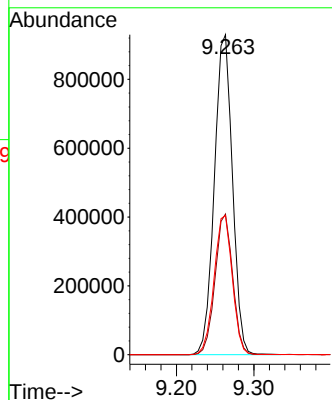
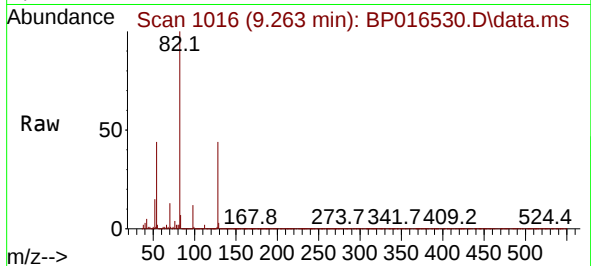




#23
Nitrobenzene-d5
Concen: 96.053 ng
RT: 9.263 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BP016530.D
Acq: 08 Aug 2023 10:26

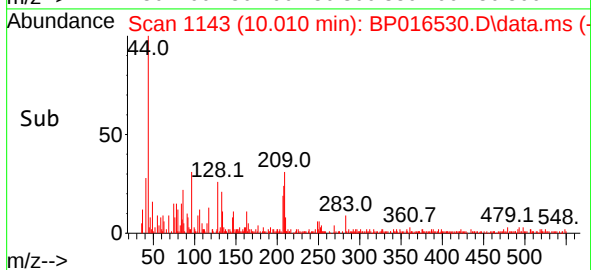
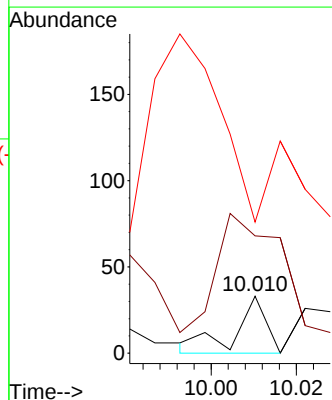
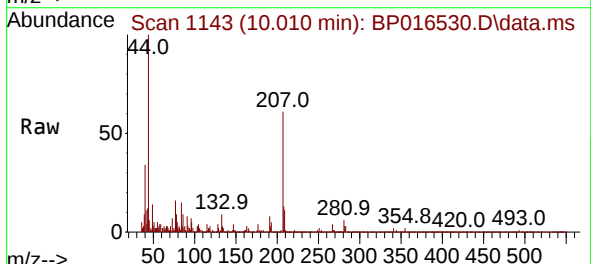
Instrument :
BNA_P
ClientSampleId :
PB154690BL

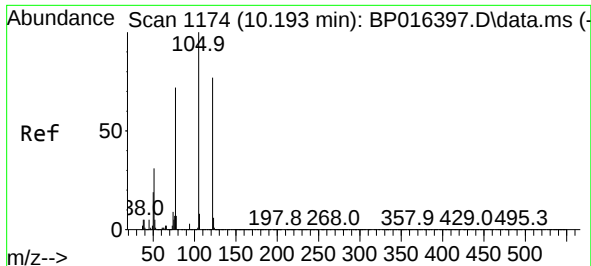
Tgt Ion: 82 Resp: 1505413
Ion Ratio Lower Upper
82 100
128 44.0 36.6 55.0
54 43.5 34.5 51.7



#26
2-Nitrophenol
Concen: 3.128 ng
RT: 10.010 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BP016530.D
Acq: 08 Aug 2023 10:26

Tgt Ion: 139 Resp: 17
Ion Ratio Lower Upper
139 100
109 206.1 24.2 36.4#
65 230.3 35.8 53.6#

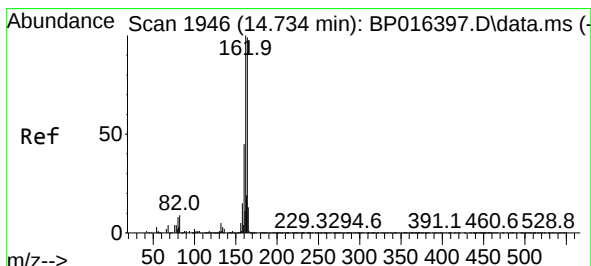
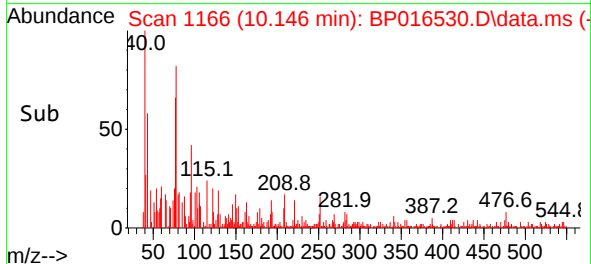
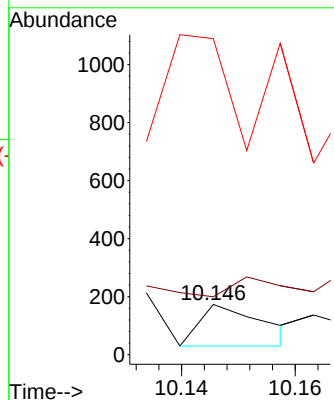
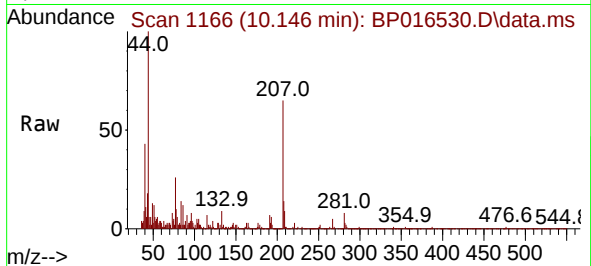




#32
Benzoic acid
Concen: 6.296 ng
RT: 10.146 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BP016530.D
Acq: 08 Aug 2023 10:26

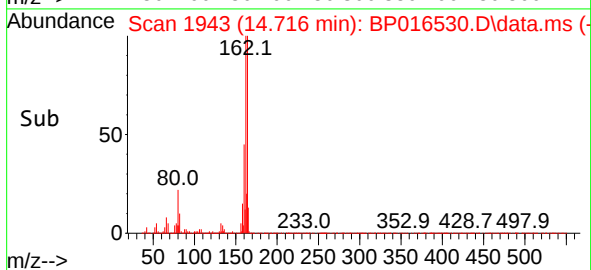
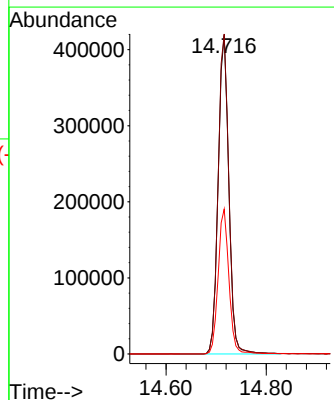
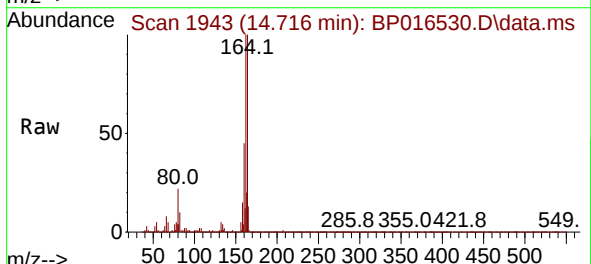
Instrument :
BNA_P
ClientSampleId :
PB154690BL

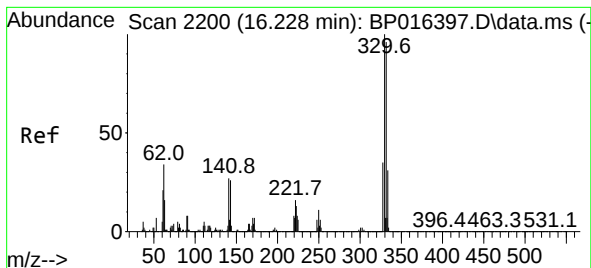
Tgt Ion:122 Resp: 111
Ion Ratio Lower Upper
122 100
105 85.5 105.2 145.2#
77 465.4 72.2 112.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.716 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BP016530.D
Acq: 08 Aug 2023 10:26

Tgt Ion:164 Resp: 615265
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.6
160 45.4 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 136.720 ng

RT: 16.210 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016530.D

Acq: 08 Aug 2023 10:26

Instrument :

BNA_P

ClientSampleId :

PB154690BL

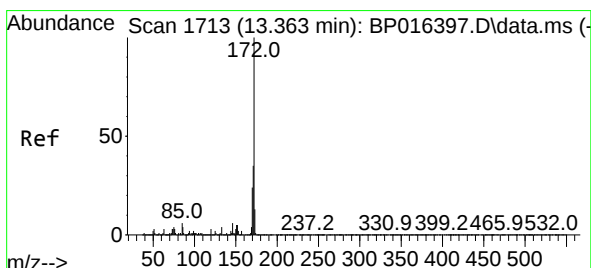
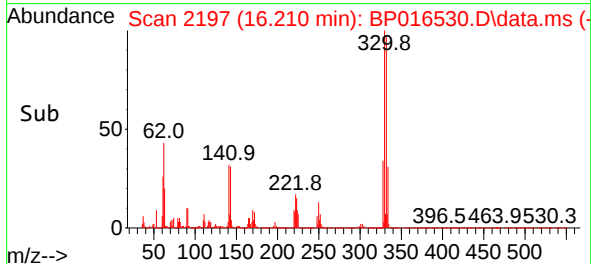
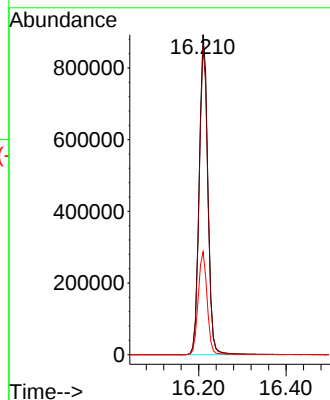
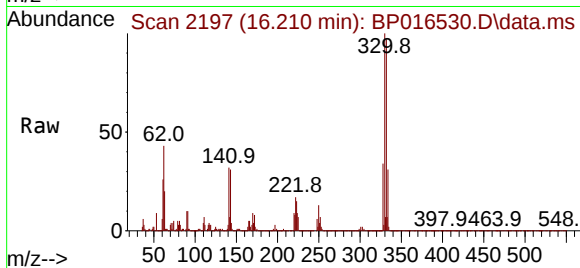
Tgt Ion:330 Resp: 1237517

Ion Ratio Lower Upper

330 100

332 96.4 77.8 116.8

141 33.0 22.6 34.0



#45

2-Fluorobiphenyl

Concen: 89.677 ng

RT: 13.340 min Scan# 1709

Delta R.T. 0.000 min

Lab File: BP016530.D

Acq: 08 Aug 2023 10:26

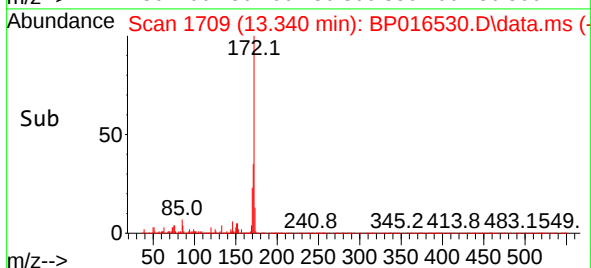
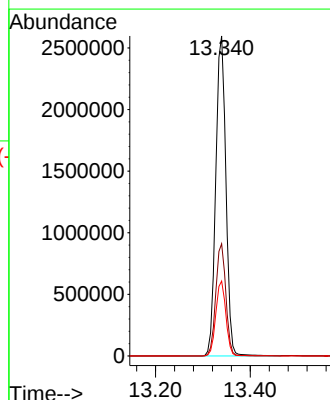
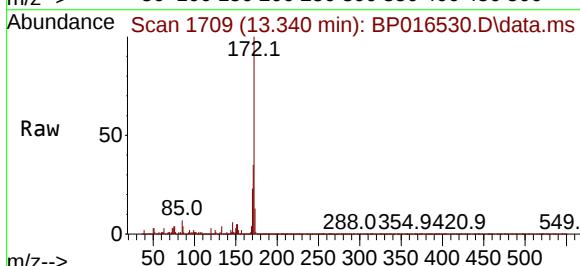
Tgt Ion:172 Resp: 3848499

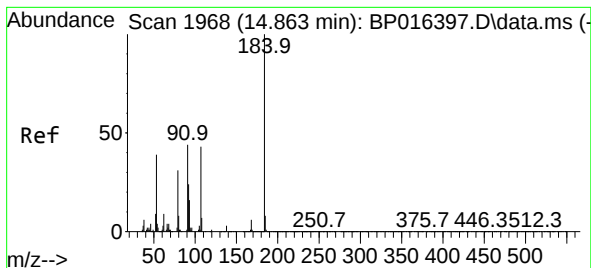
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.4 19.1 28.7

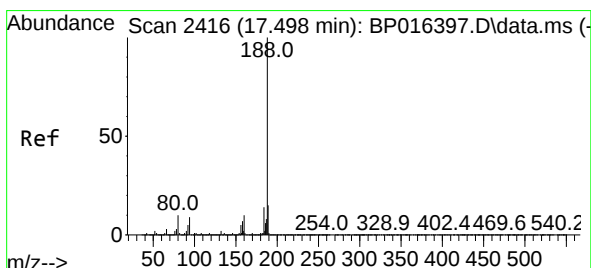
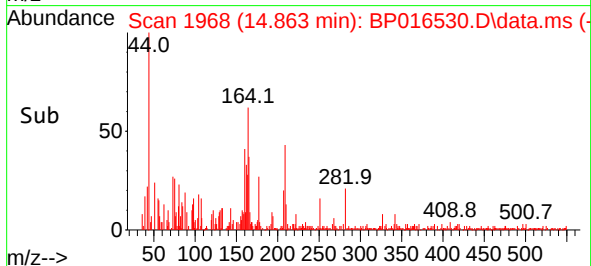
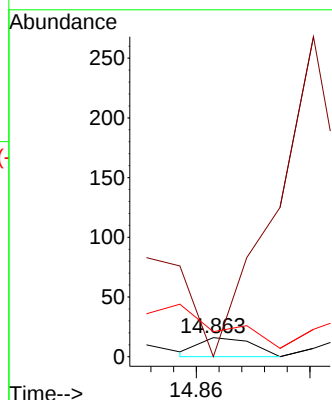
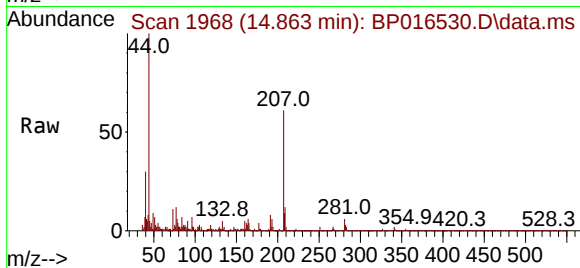




#54
2,4-Dinitrophenol
Concen: 8.004 ng
RT: 14.863 min Scan# 1968
Delta R.T. 0.018 min
Lab File: BP016530.D
Acq: 08 Aug 2023 10:26

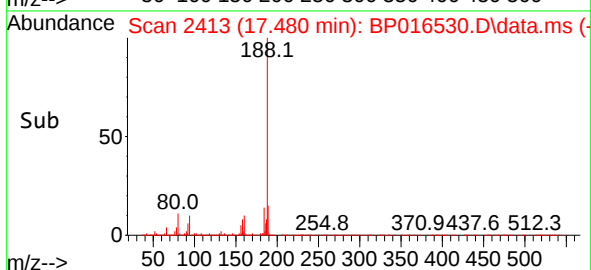
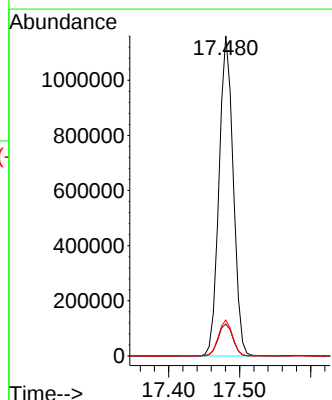
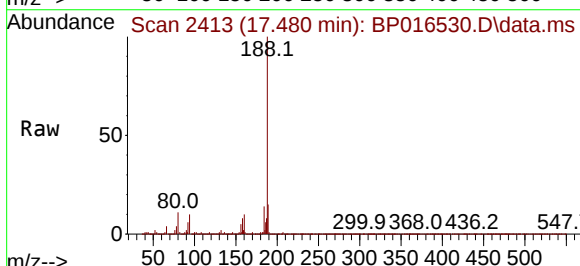
Instrument :
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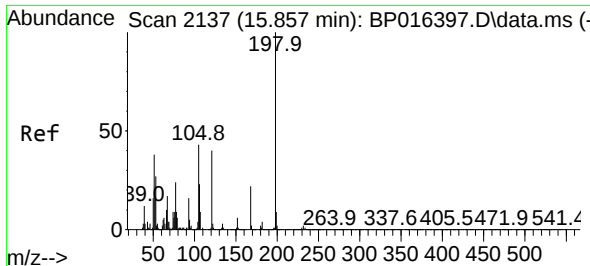
Tgt Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 0.0 48.2 72.4#
154 131.3 49.6 74.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP016530.D
Acq: 08 Aug 2023 10:26

Tgt Ion:188 Resp: 1603791
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.0
80 11.2 7.8 11.8

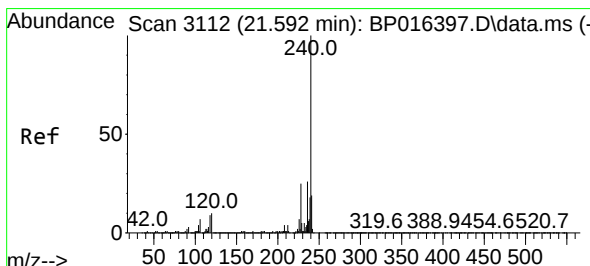
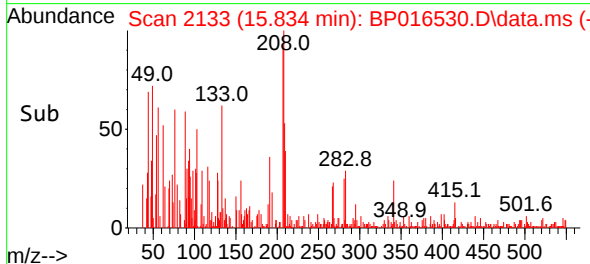
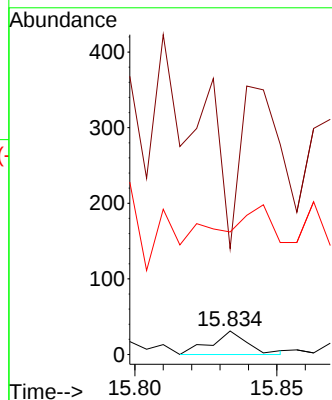
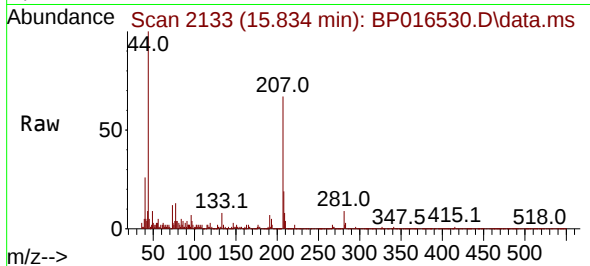




#65
4,6-Dinitro-2-methylphenol
Concen: 6.305 ng
RT: 15.834 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BP016530.D
Acq: 08 Aug 2023 10:26

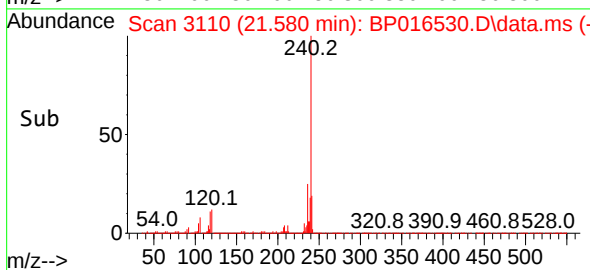
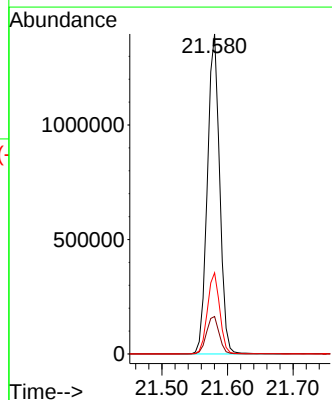
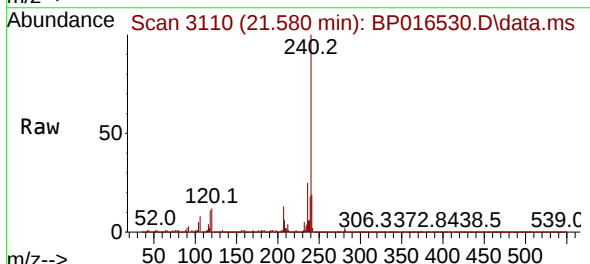
Instrument :
BNA_P
ClientSampleId :
PB154690BL

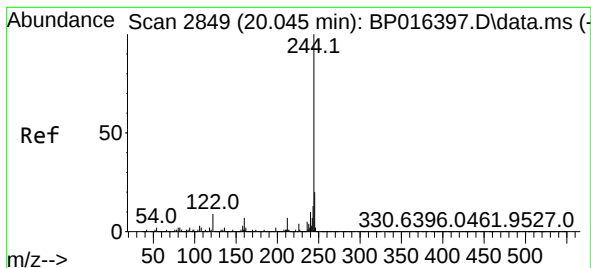
Tgt Ion:198 Resp: 28
Ion Ratio Lower Upper
198 100
51 451.6 20.1 60.1#
105 522.6 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP016530.D
Acq: 08 Aug 2023 10:26

Tgt Ion:240 Resp: 1821257
Ion Ratio Lower Upper
240 100
120 11.7 7.9 11.9
236 25.4 21.1 31.7





#79

Terphenyl-d14

Concen: 93.059 ng

RT: 20.027 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016530.D

Acq: 08 Aug 2023 10:26

Instrument :

BNA_P

ClientSampleId :

PB154690BL

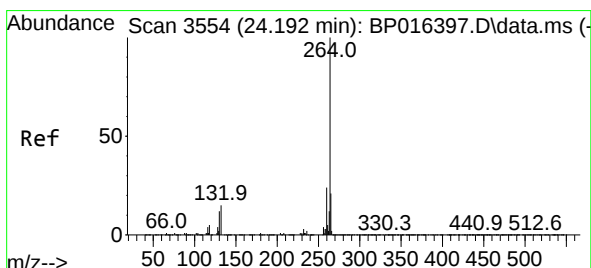
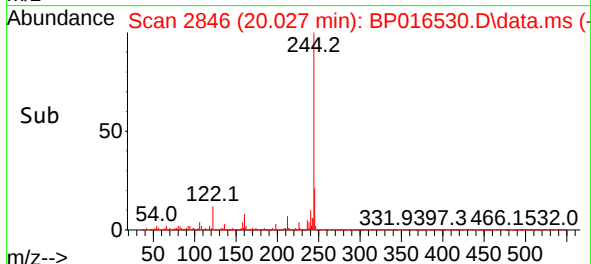
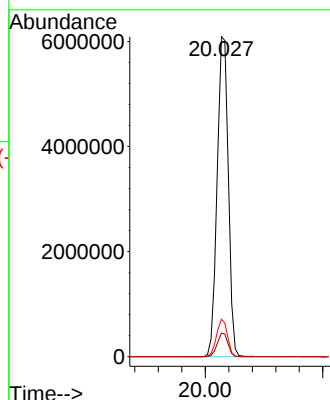
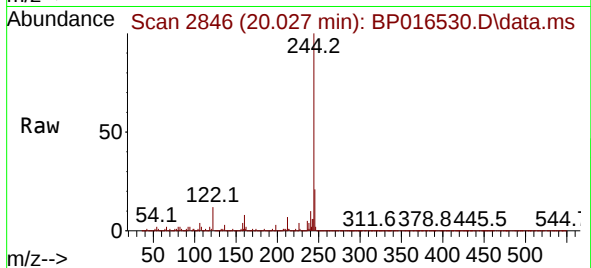
Tgt Ion:244 Resp: 8023265

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 11.7 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: BP016530.D

Acq: 08 Aug 2023 10:26

Tgt Ion:264 Resp: 2088185

Ion Ratio Lower Upper

264 100

260 22.9 19.3 28.9

265 22.4 17.4 26.0

