

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080823\
 Data File : BP016531.D
 Acq On : 08 Aug 2023 11:00
 Operator : MA/JU
 Sample : PB154654TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154654TB

Quant Time: Aug 08 16:47:57 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)

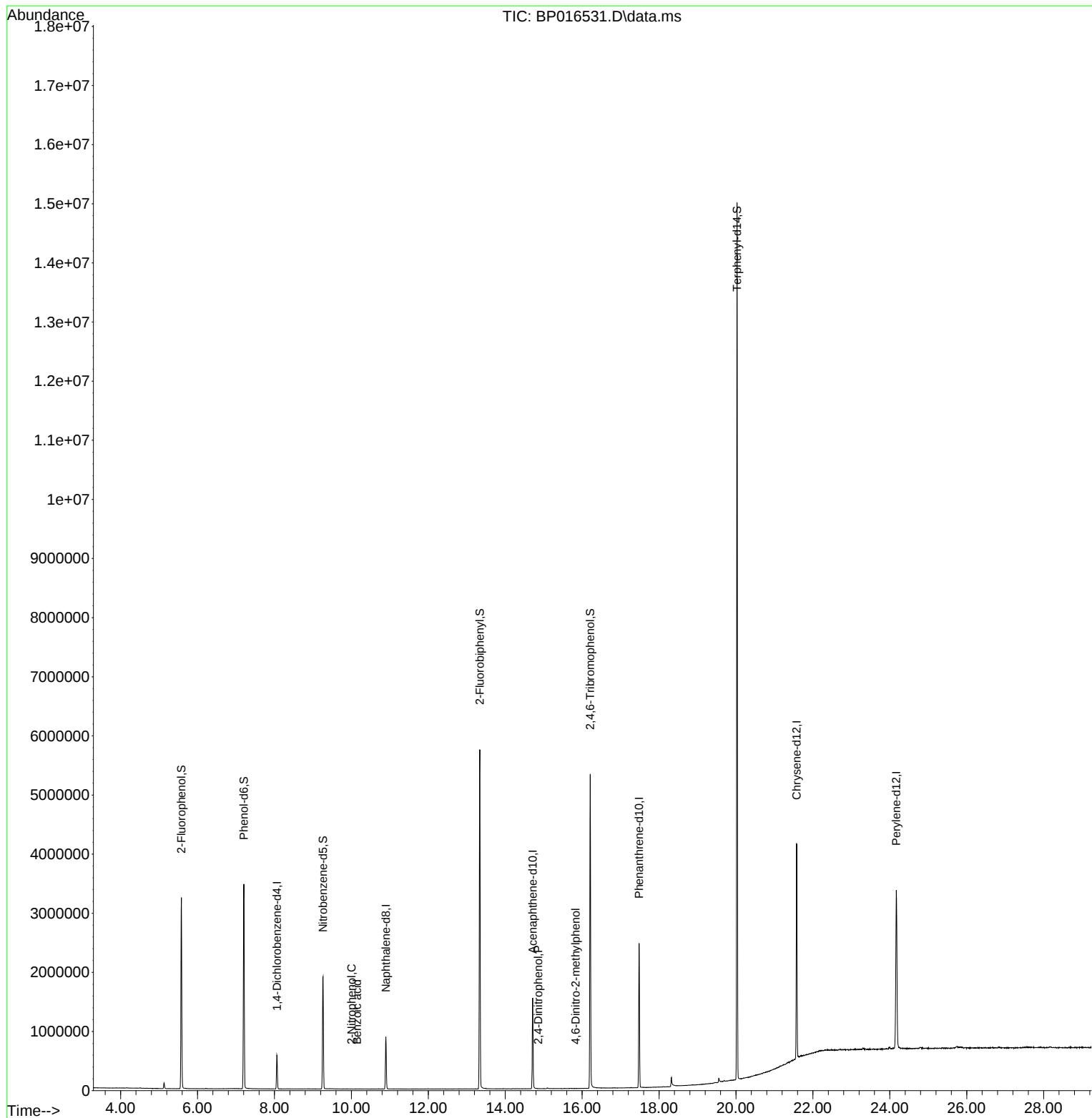
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	158538	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	729285	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	523641	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	1418824	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1745720	20.000	ng	0.00
86) Perylene-d12	24.168	264	2093539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1507246	155.101	ng	0.00
7) Phenol-d6	7.204	99	2103996	157.958	ng	0.00
23) Nitrobenzene-d5	9.263	82	1122982	86.198	ng	0.00
42) 2,4,6-Tribromophenol	16.210	330	953732	123.805	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	2959828	81.037	ng	0.00
79) Terphenyl-d14	20.027	244	6845212	82.831	ng	0.00
Target Compounds						
9) Benzaldehyde	7.210	77	4040	Below Cal	Qvalue #	8
26) 2-Nitrophenol	10.004	139	12	3.127 ng	#	1
32) Benzoic acid	10.145	122	55	6.292 ng	#	1
54) 2,4-Dinitrophenol	14.863	184	22	8.007 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.833	198	23	6.304 ng	#	1

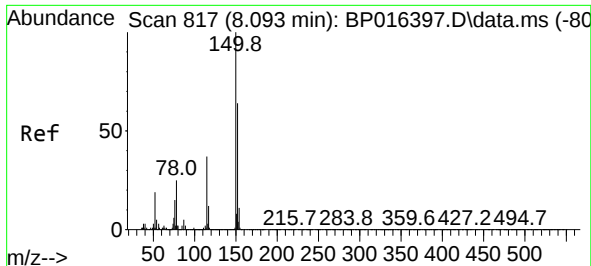
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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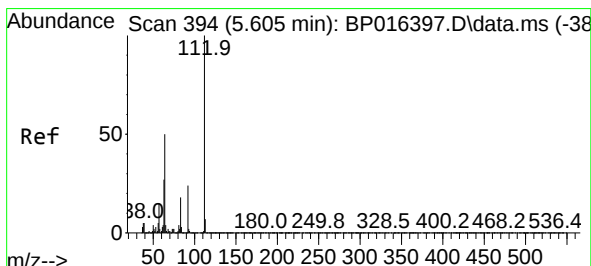
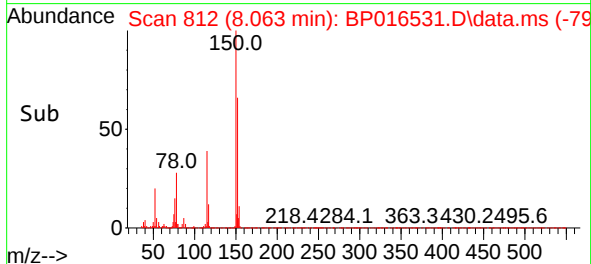
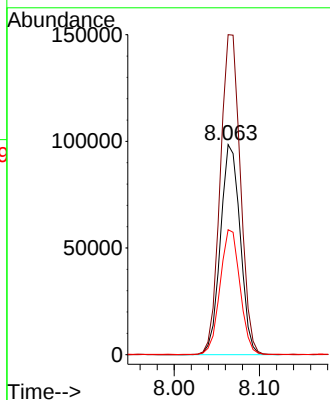
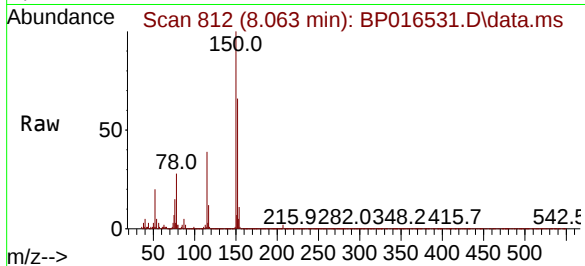




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP016531.D
Acq: 08 Aug 2023 11:00

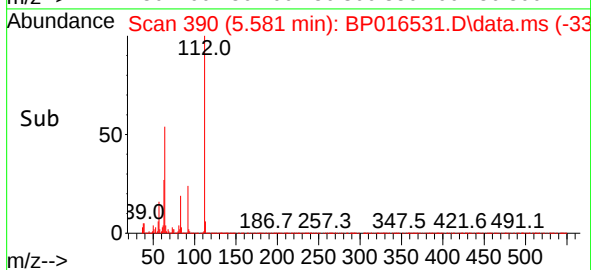
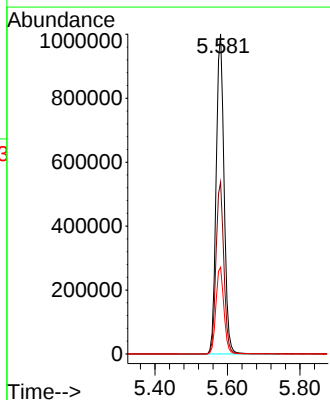
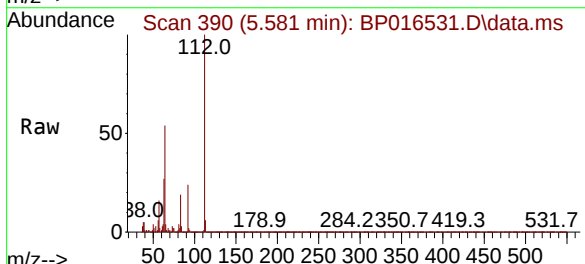
Instrument :
BNA_P
ClientSampleId :
PB154654TB

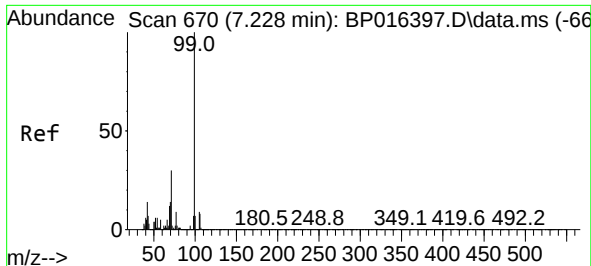
Tgt Ion:152 Resp: 158538
Ion Ratio Lower Upper
152 100
150 152.3 124.9 187.3
115 59.4 46.8 70.2



#5
2-Fluorophenol
Concen: 155.101 ng
RT: 5.581 min Scan# 390
Delta R.T. 0.006 min
Lab File: BP016531.D
Acq: 08 Aug 2023 11:00

Tgt Ion:112 Resp: 1507246
Ion Ratio Lower Upper
112 100
64 53.7 40.0 60.0
63 27.1 21.2 31.8

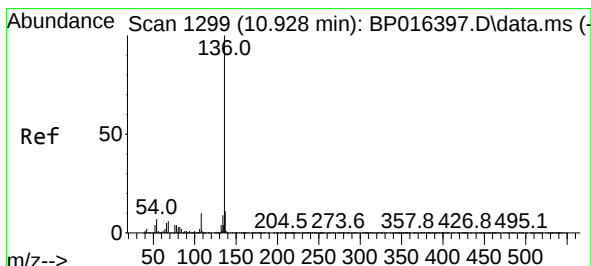
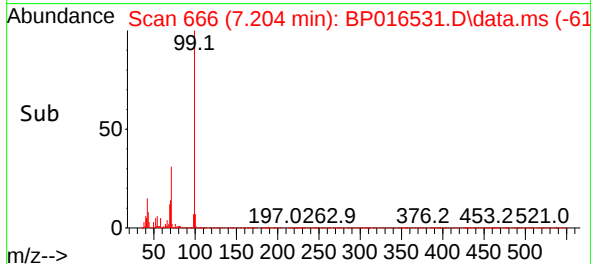
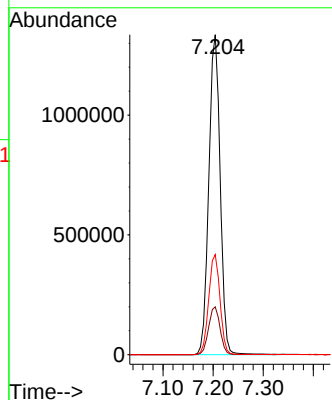
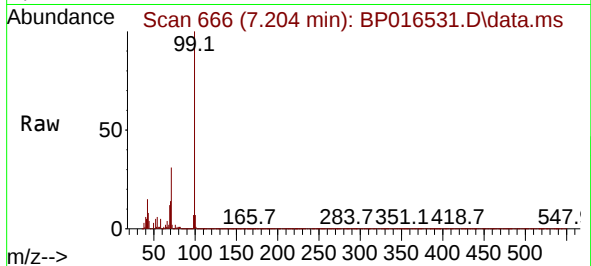




#7
Phenol-d6
Concen: 157.958 ng
RT: 7.204 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP016531.D
Acq: 08 Aug 2023 11:00

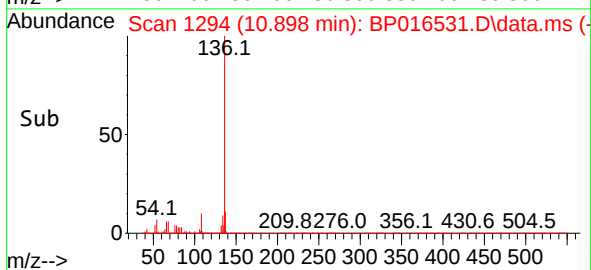
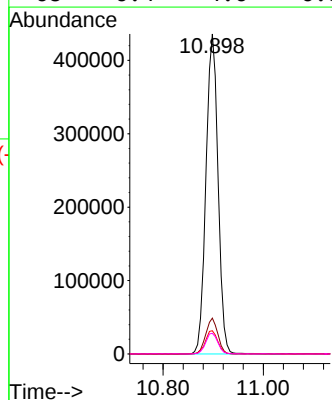
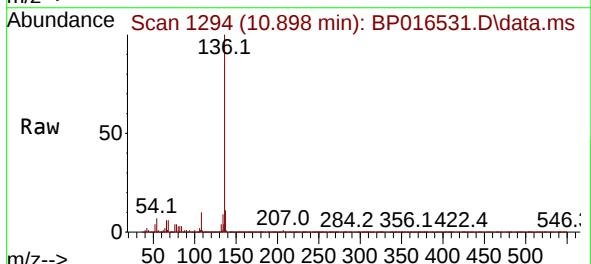
Instrument :
BNA_P
ClientSampleId :
PB154654TB

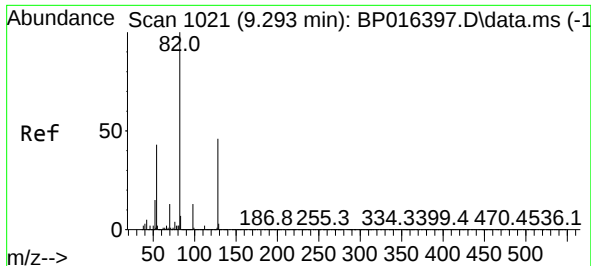
Tgt Ion: 99 Resp: 2103996
Ion Ratio Lower Upper
99 100
42 15.0 11.6 17.4
71 31.3 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BP016531.D
Acq: 08 Aug 2023 11:00

Tgt Ion: 136 Resp: 729285
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.3 5.6 8.4
68 6.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 86.198 ng

RT: 9.263 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BP016531.D

Acq: 08 Aug 2023 11:00

Instrument :

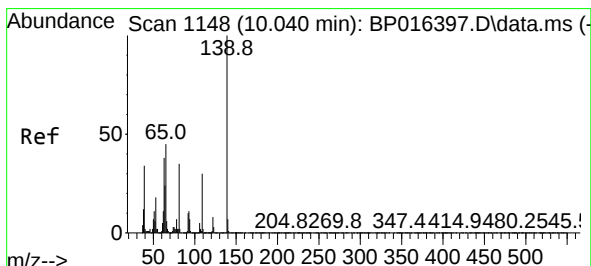
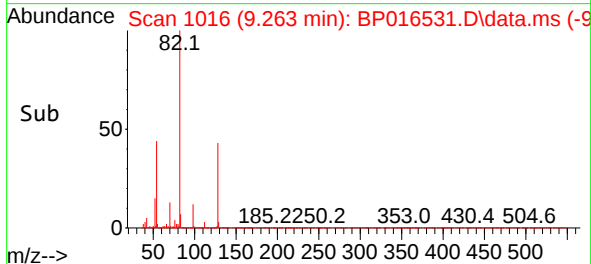
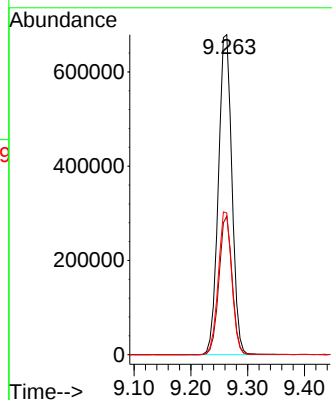
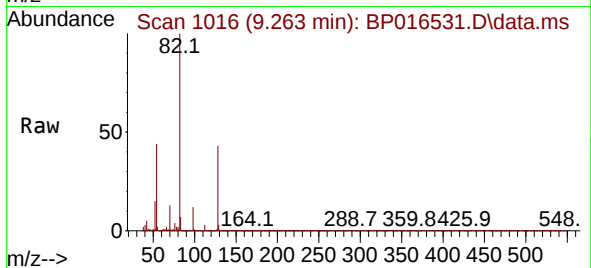
BNA_P

ClientSampleId :

PB154654TB

Tgt Ion: 82 Resp: 1122982

Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.6	55.0
54	44.3	34.5	51.7



#26

2-Nitrophenol

Concen: 3.127 ng

RT: 10.004 min Scan# 1142

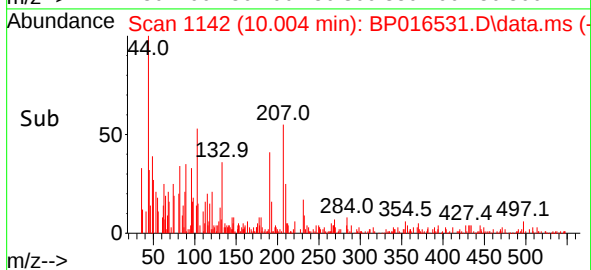
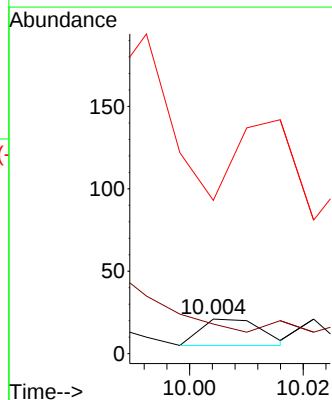
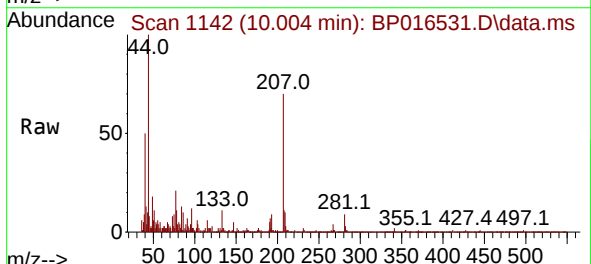
Delta R.T. -0.006 min

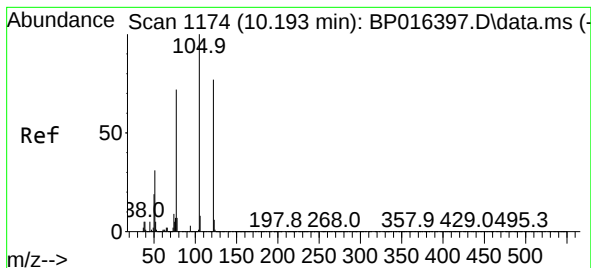
Lab File: BP016531.D

Acq: 08 Aug 2023 11:00

Tgt Ion: 139 Resp: 12

Ion	Ratio	Lower	Upper
139	100		
109	51.4	24.2	36.4#
65	265.7	35.8	53.6#





#32

Benzoic acid

Concen: 6.292 ng

RT: 10.145 min Scan# 1166

Delta R.T. -0.012 min

Lab File: BP016531.D

Acq: 08 Aug 2023 11:00

Instrument :

BNA_P

ClientSampleId :

PB154654TB

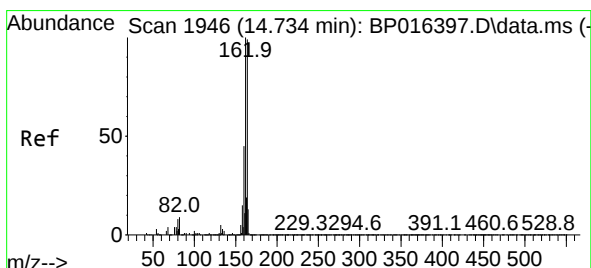
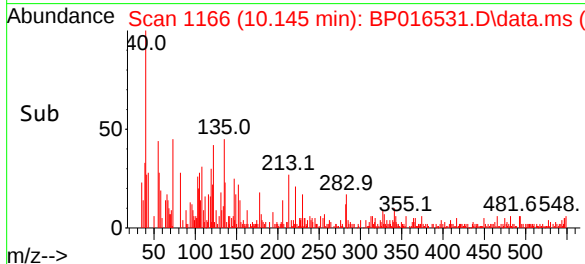
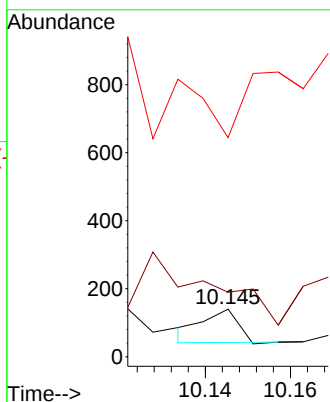
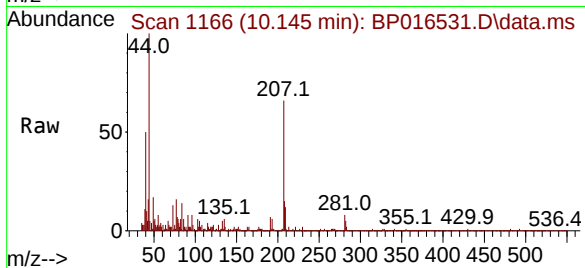
Tgt Ion:122 Resp: 55

Ion Ratio Lower Upper

122 100

105 135.7 105.2 145.2

77 460.0 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: BP016531.D

Acq: 08 Aug 2023 11:00

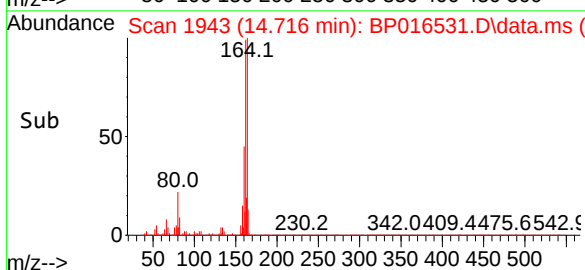
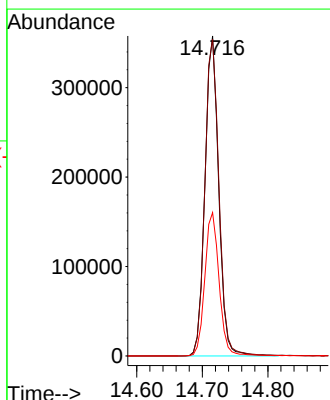
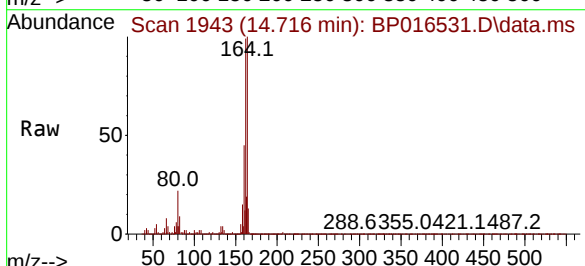
Tgt Ion:164 Resp: 523641

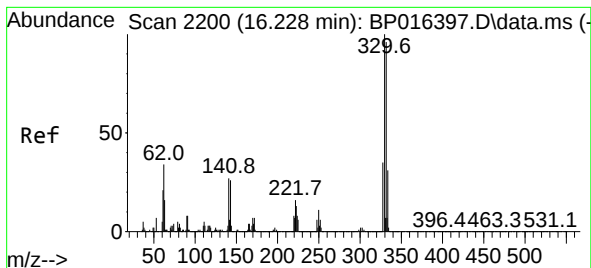
Ion Ratio Lower Upper

164 100

162 99.1 81.0 121.6

160 44.8 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 123.805 ng

RT: 16.210 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016531.D

Acq: 08 Aug 2023 11:00

Instrument :

BNA_P

ClientSampleId :

PB154654TB

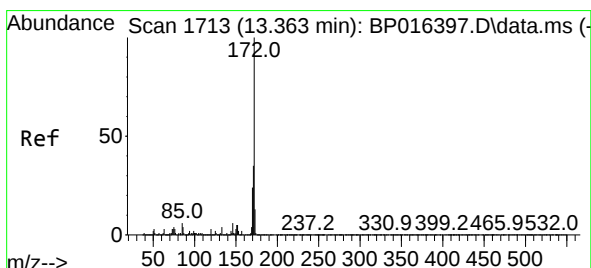
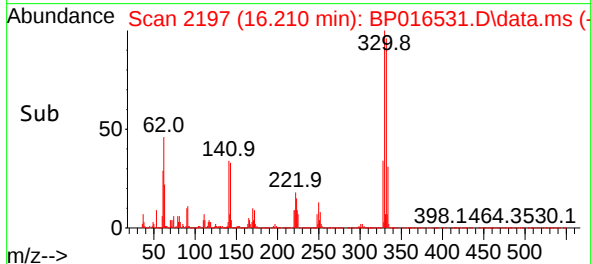
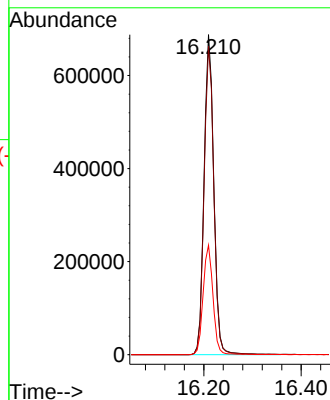
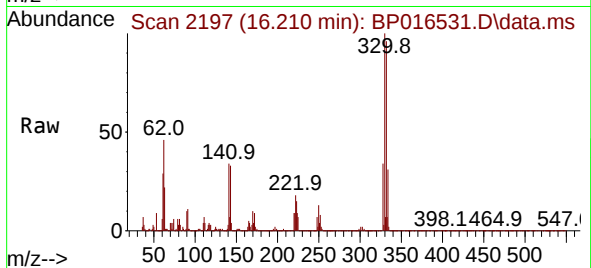
Tgt Ion:330 Resp: 953732

Ion Ratio Lower Upper

330 100

332 96.6 77.8 116.8

141 34.7 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 81.037 ng

RT: 13.339 min Scan# 1709

Delta R.T. -0.000 min

Lab File: BP016531.D

Acq: 08 Aug 2023 11:00

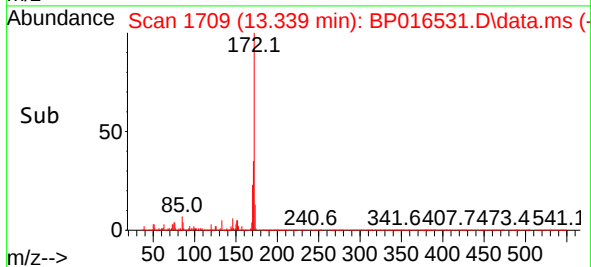
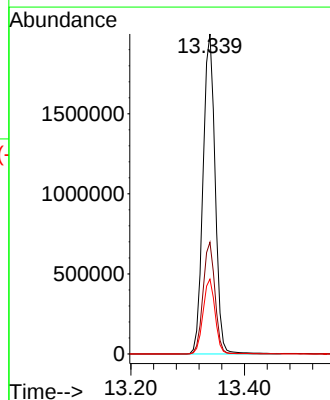
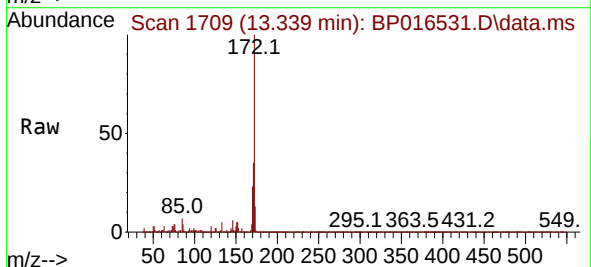
Tgt Ion:172 Resp: 2959828

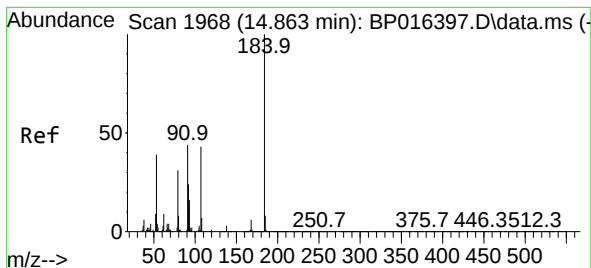
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.4 19.1 28.7

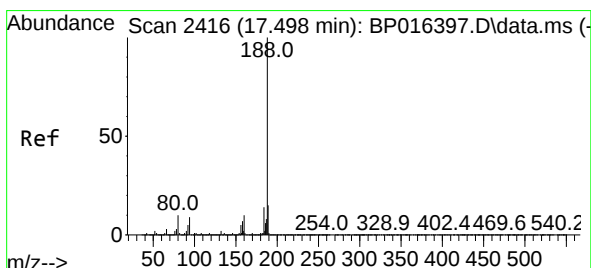
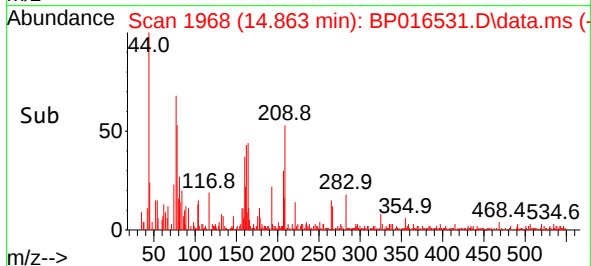
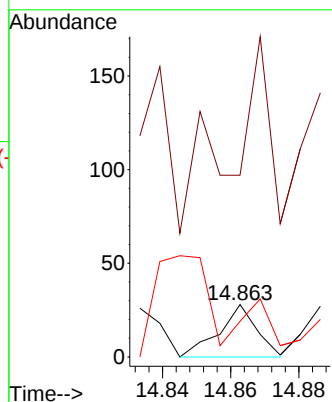
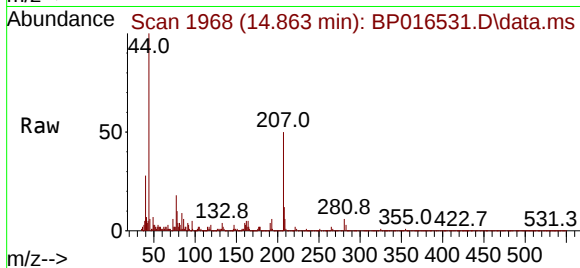




#54
2,4-Dinitrophenol
Concen: 8.007 ng
RT: 14.863 min Scan# 1968
Delta R.T. 0.017 min
Lab File: BP016531.D
Acq: 08 Aug 2023 11:00

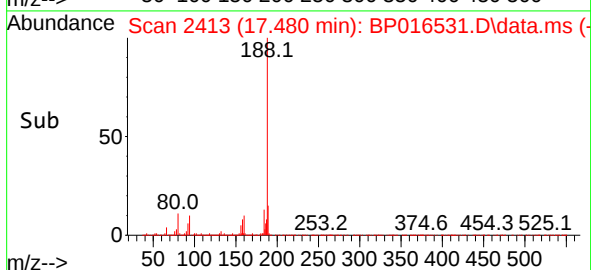
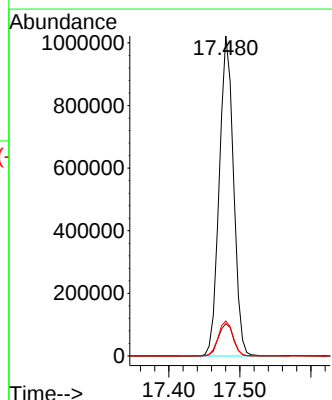
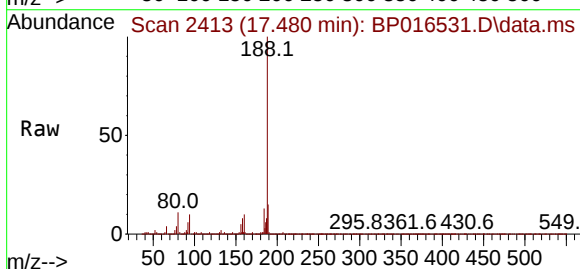
Instrument :
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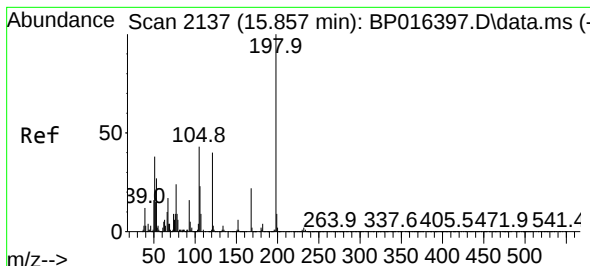
Tgt Ion:184 Resp: 22
Ion Ratio Lower Upper
184 100
63 346.4 48.2 72.4#
154 67.9 49.6 74.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP016531.D
Acq: 08 Aug 2023 11:00

Tgt Ion:188 Resp: 1418824
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.0
80 11.0 7.8 11.8

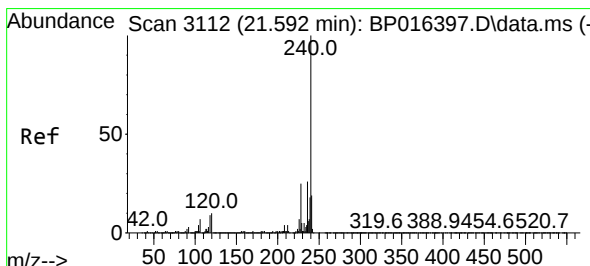
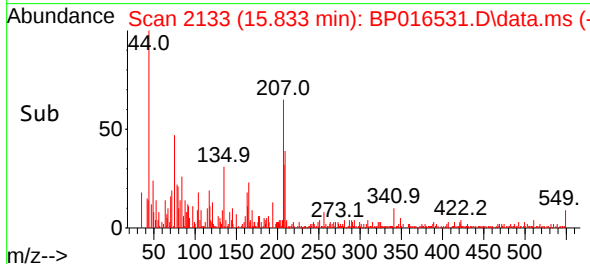
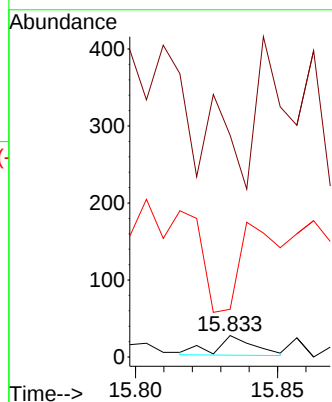
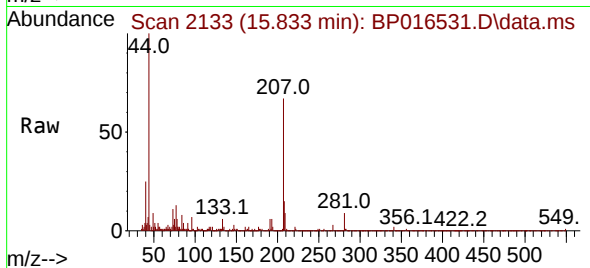




#65
4,6-Dinitro-2-methylphenol
Concen: 6.304 ng
RT: 15.833 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BP016531.D
Acq: 08 Aug 2023 11:00

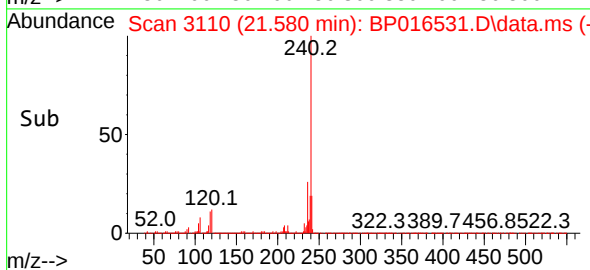
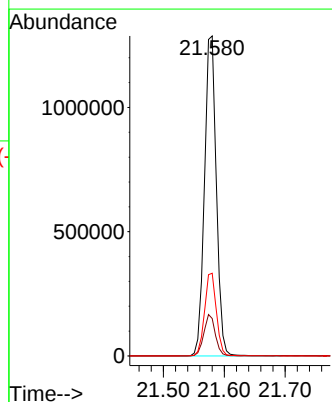
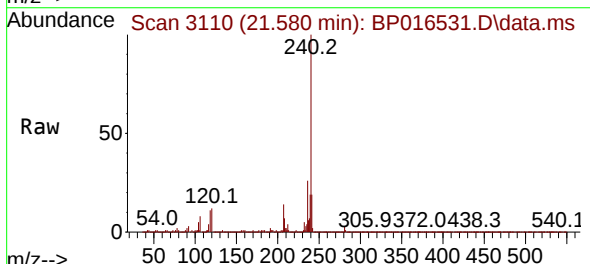
Instrument :
BNA_P
ClientSampleId :
PB154654TB

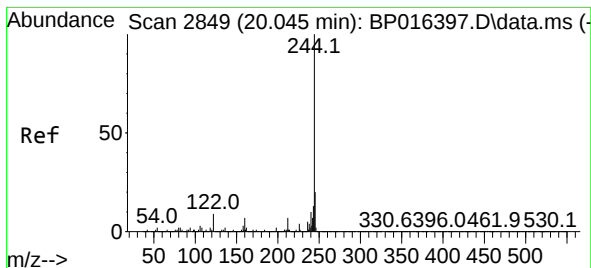
Tgt Ion:198 Resp: 23
Ion Ratio Lower Upper
198 100
51 1028.6 20.1 60.1#
105 221.4 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BP016531.D
Acq: 08 Aug 2023 11:00

Tgt Ion:240 Resp: 1745720
Ion Ratio Lower Upper
240 100
120 11.7 7.9 11.9
236 25.8 21.1 31.7





#79

Terphenyl-d14

Concen: 82.831 ng

RT: 20.027 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016531.D

Acq: 08 Aug 2023 11:00

Instrument :

BNA_P

ClientSampleId :

PB154654TB

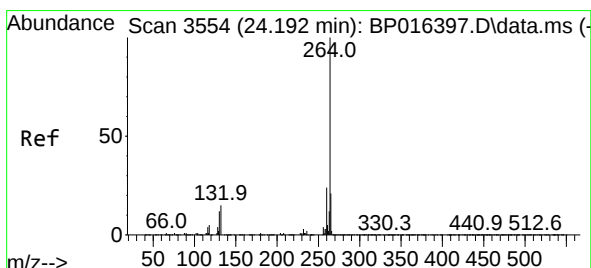
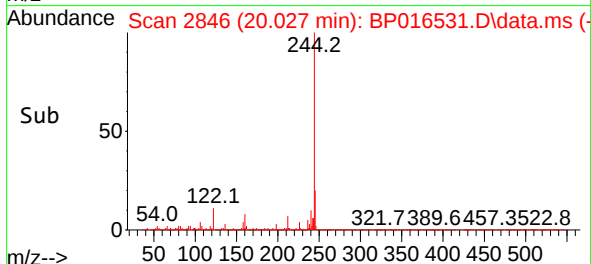
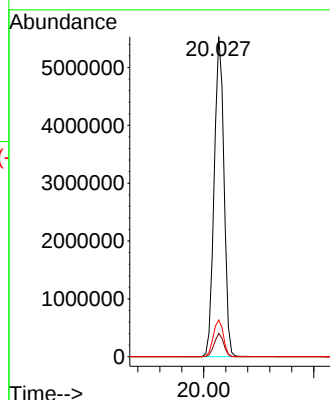
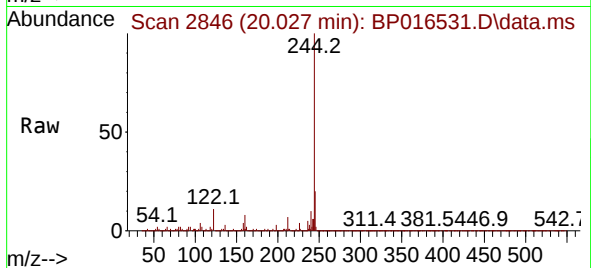
Tgt Ion:244 Resp: 6845212

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 11.5 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.168 min Scan# 3550

Delta R.T. -0.006 min

Lab File: BP016531.D

Acq: 08 Aug 2023 11:00

Tgt Ion:264 Resp: 2093539

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.8 17.4 26.0

