

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080823\
 Data File : BP016535.D
 Acq On : 08 Aug 2023 13:17
 Operator : MA/JU
 Sample : 03891-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Quant Time: Aug 08 16:48:32 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)

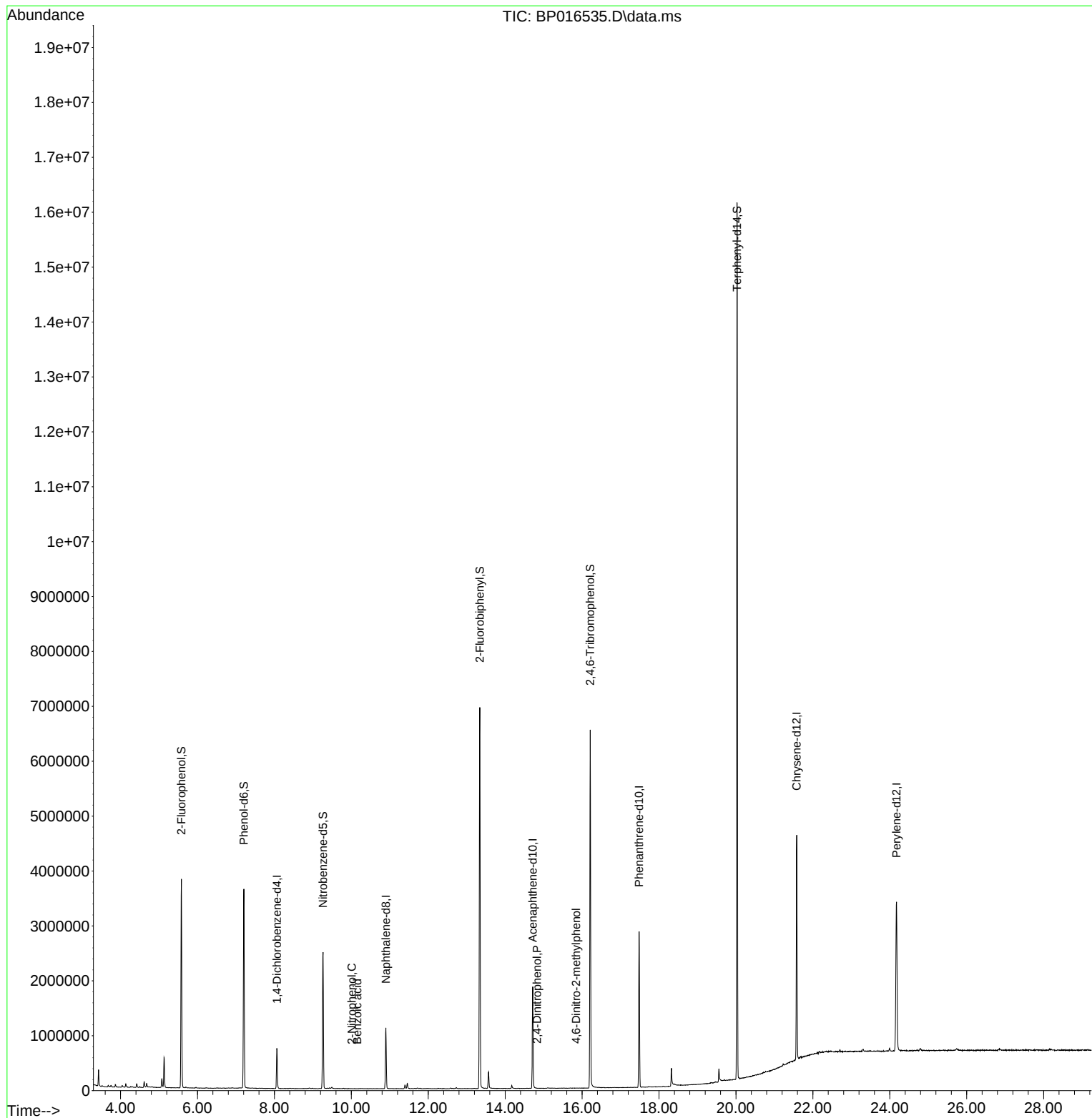
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	201197	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	892430	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	621209	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	1655981	20.000	ng	# 0.00
76) Chrysene-d12	21.580	240	1900573	20.000	ng	0.00
86) Perylene-d12	24.174	264	2184855	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1717413	139.257	ng	0.00
7) Phenol-d6	7.205	99	2169596	128.347	ng	0.00
23) Nitrobenzene-d5	9.263	82	1444302	90.595	ng	0.00
42) 2,4,6-Tribromophenol	16.210	330	1152460	126.105	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	3606558	83.235	ng	0.00
79) Terphenyl-d14	20.027	244	7643160	84.951	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.205	77	3486	Below Cal	#	7
26) 2-Nitrophenol	10.010	139	20	3.128 ng	#	1
32) Benzoic acid	10.151	122	59	6.292 ng	#	1
54) 2,4-Dinitrophenol	14.828	184	45	8.010 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.845	198	7	6.302 ng	#	1

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

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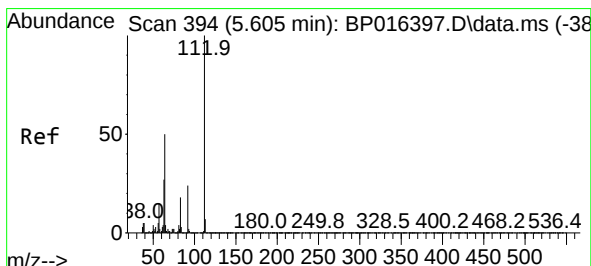
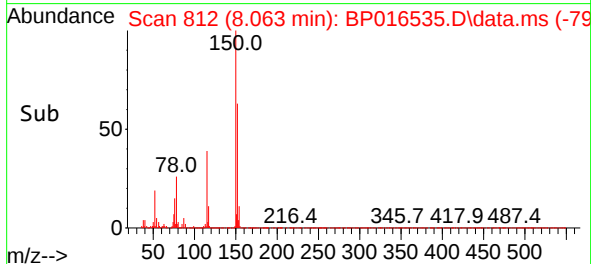
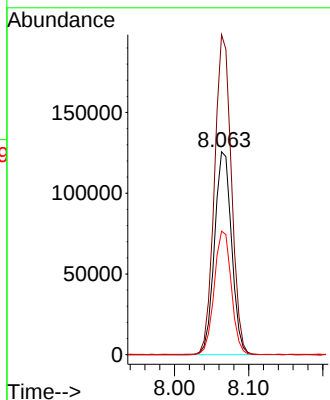
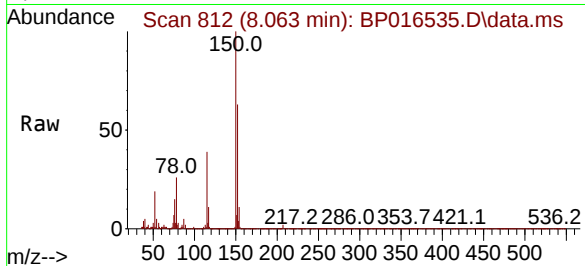




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP016535.D
Acq: 08 Aug 2023 13:17

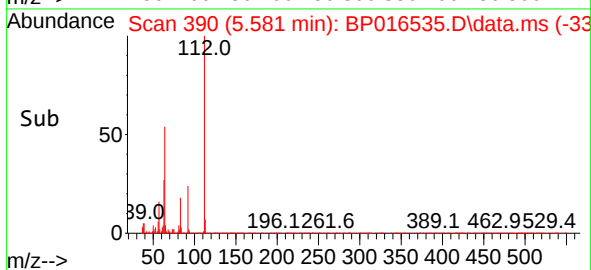
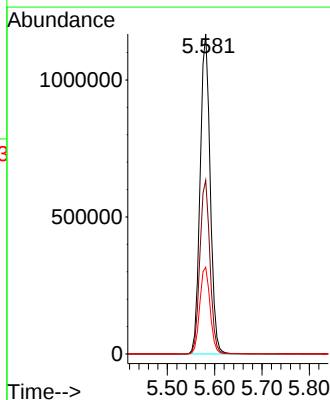
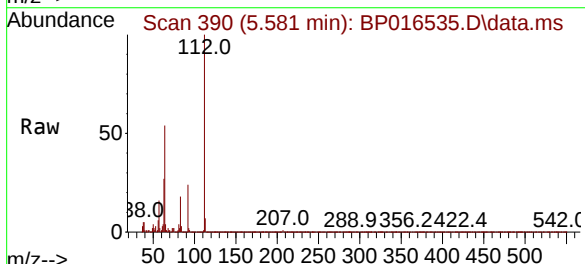
Instrument :
BNA_P
ClientSampleId :
TP-3

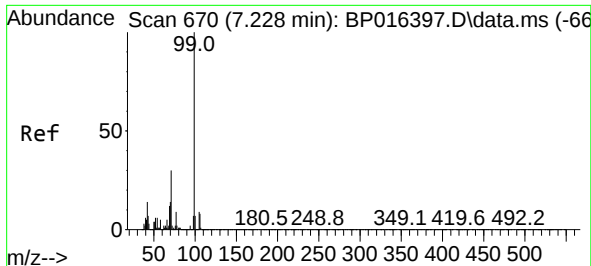
Tgt Ion:152 Resp: 201197
Ion Ratio Lower Upper
152 100
150 157.8 124.9 187.3
115 60.9 46.8 70.2



#5
2-Fluorophenol
Concen: 139.257 ng
RT: 5.581 min Scan# 390
Delta R.T. 0.006 min
Lab File: BP016535.D
Acq: 08 Aug 2023 13:17

Tgt Ion:112 Resp: 1717413
Ion Ratio Lower Upper
112 100
64 54.3 40.0 60.0
63 27.1 21.2 31.8

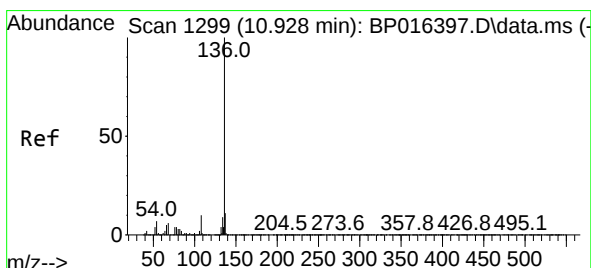
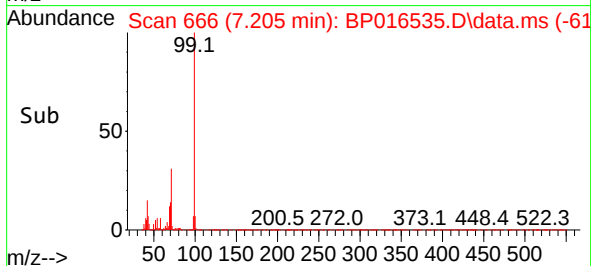
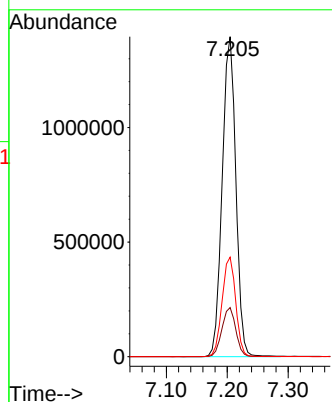
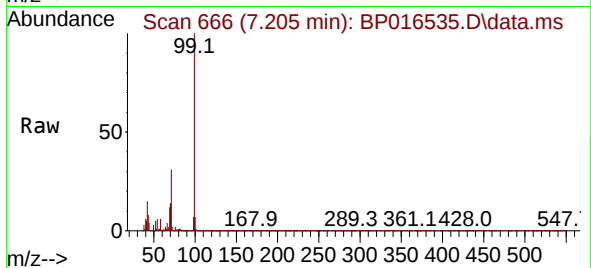




#7
Phenol-d6
Concen: 128.347 ng
RT: 7.205 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP016535.D
Acq: 08 Aug 2023 13:17

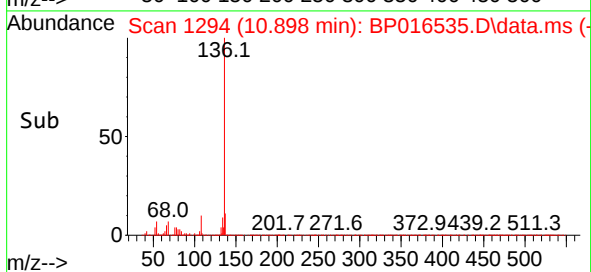
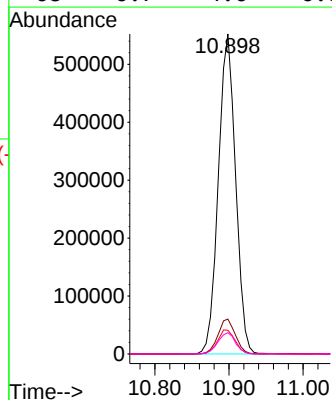
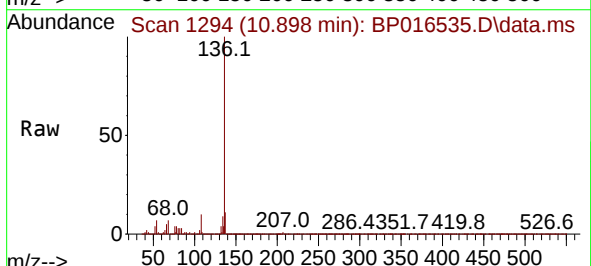
Instrument :
BNA_P
ClientSampleId :
TP-3

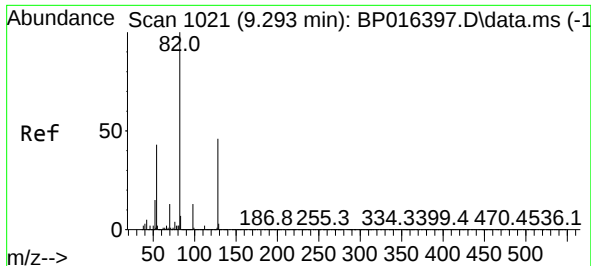
Tgt Ion: 99 Resp: 2169596
Ion Ratio Lower Upper
99 100
42 15.4 11.6 17.4
71 31.1 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BP016535.D
Acq: 08 Aug 2023 13:17

Tgt Ion: 136 Resp: 892430
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.4 5.6 8.4
68 6.7 4.6 6.8

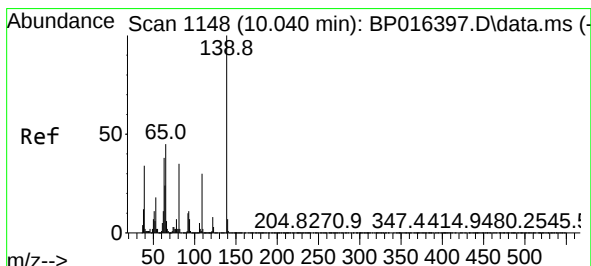
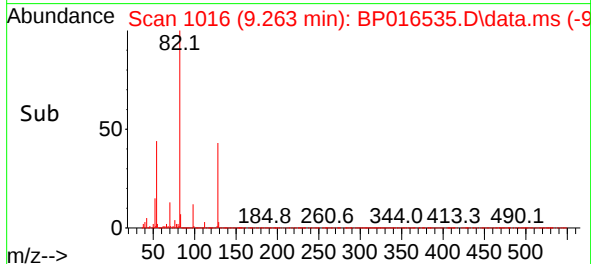
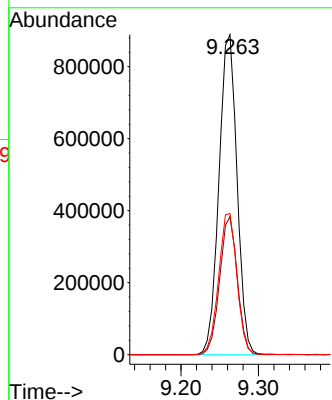
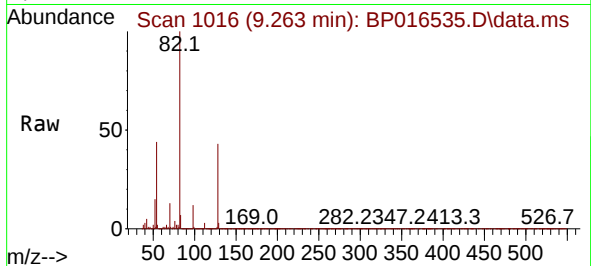




#23
Nitrobenzene-d5
Concen: 90.595 ng
RT: 9.263 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BP016535.D
Acq: 08 Aug 2023 13:17

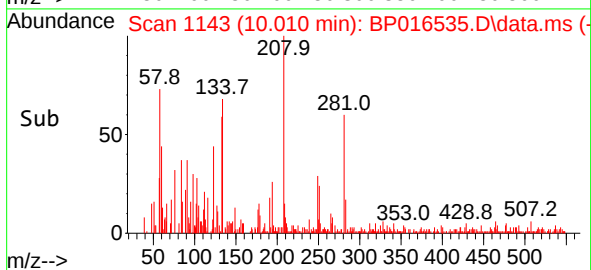
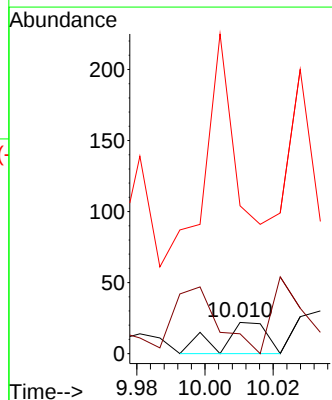
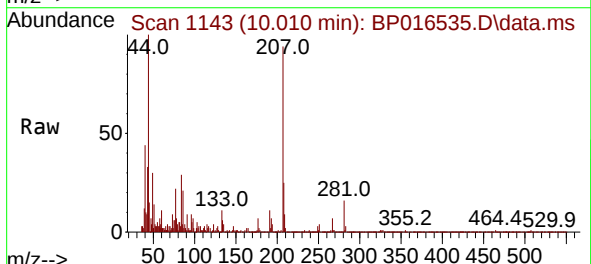
Instrument :
BNA_P
ClientSampleId :
TP-3

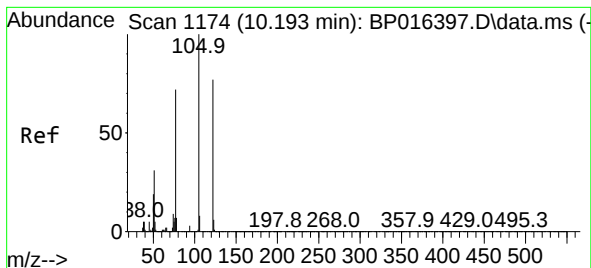
Tgt Ion: 82 Resp: 1444302
Ion Ratio Lower Upper
82 100
128 43.1 36.6 55.0
54 44.1 34.5 51.7



#26
2-Nitrophenol
Concen: 3.128 ng
RT: 10.010 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BP016535.D
Acq: 08 Aug 2023 13:17

Tgt Ion: 139 Resp: 20
Ion Ratio Lower Upper
139 100
109 159.1 24.2 36.4#
65 472.7 35.8 53.6#





#32

Benzoic acid

Concen: 6.292 ng

RT: 10.151 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BP016535.D

Acq: 08 Aug 2023 13:17

Instrument :

BNA_P

ClientSampleId :

TP-3

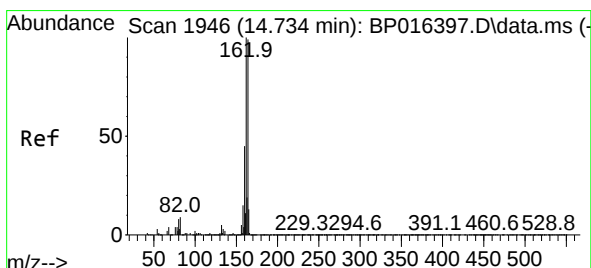
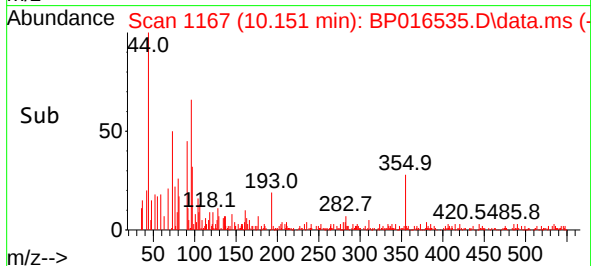
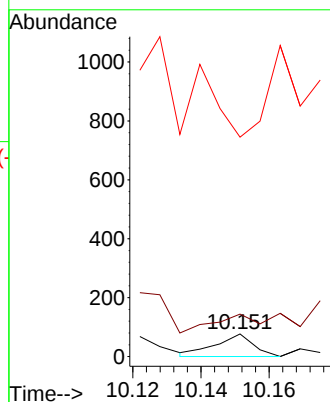
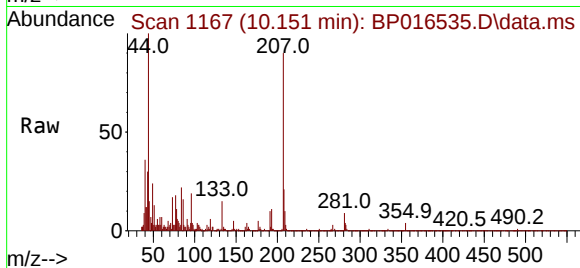
Tgt Ion:122 Resp: 59

Ion Ratio Lower Upper

122 100

105 187.0 105.2 145.2#

77 967.5 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: BP016535.D

Acq: 08 Aug 2023 13:17

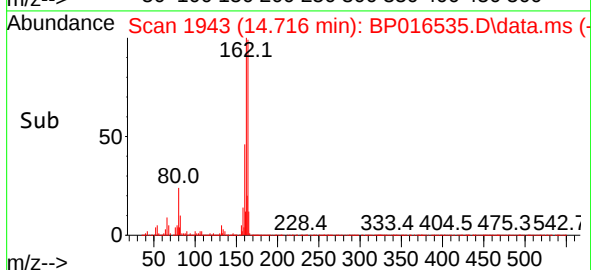
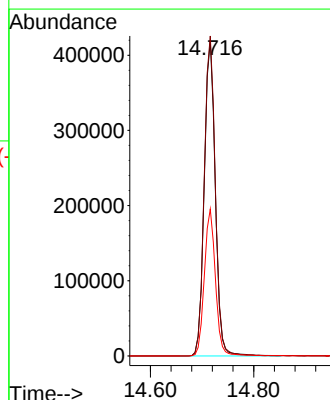
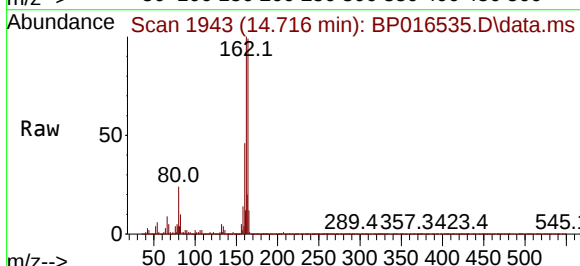
Tgt Ion:164 Resp: 621209

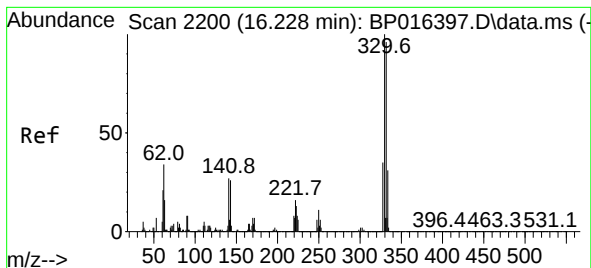
Ion Ratio Lower Upper

164 100

162 101.5 81.0 121.6

160 46.6 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 126.105 ng

RT: 16.210 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016535.D

Acq: 08 Aug 2023 13:17

Instrument :

BNA_P

ClientSampleId :

TP-3

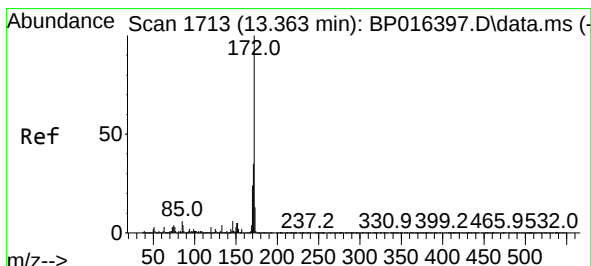
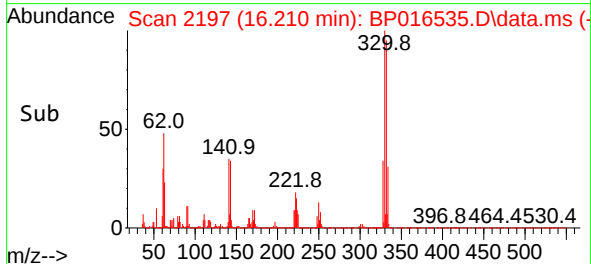
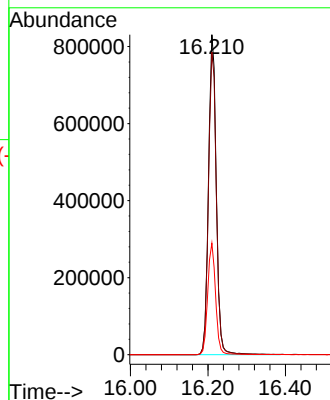
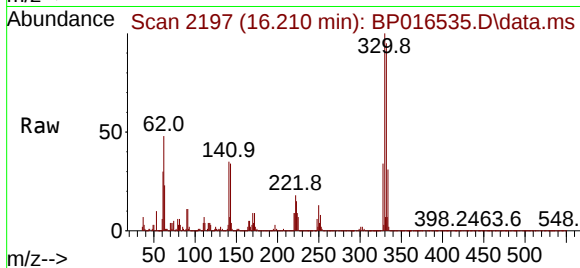
Tgt Ion:330 Resp: 1152460

Ion Ratio Lower Upper

330 100

332 96.4 77.8 116.8

141 35.5 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 83.235 ng

RT: 13.340 min Scan# 1709

Delta R.T. 0.000 min

Lab File: BP016535.D

Acq: 08 Aug 2023 13:17

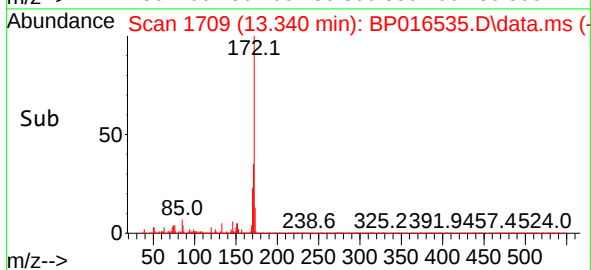
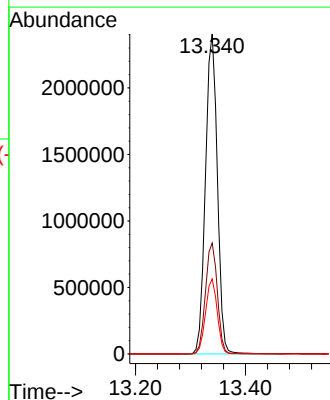
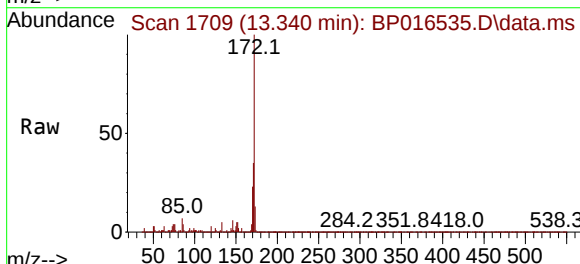
Tgt Ion:172 Resp: 3606558

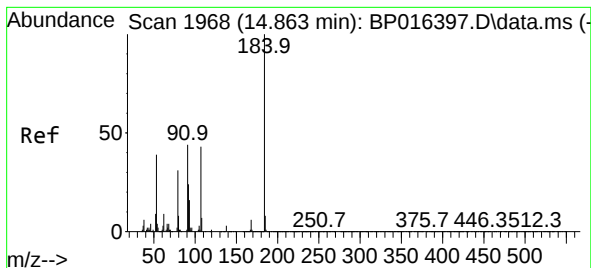
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.2

170 23.5 19.1 28.7





#54

2,4-Dinitrophenol

Concen: 8.010 ng

RT: 14.828 min Scan# 1962

Delta R.T. -0.018 min

Lab File: BP016535.D

Acq: 08 Aug 2023 13:17

Instrument :

BNA_P

ClientSampleId :

TP-3

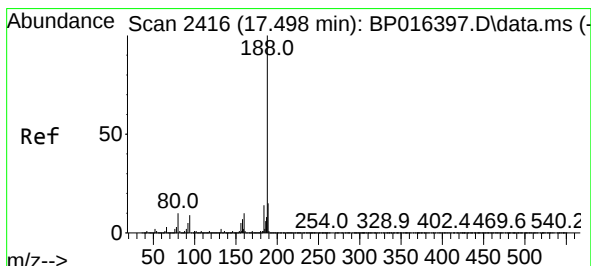
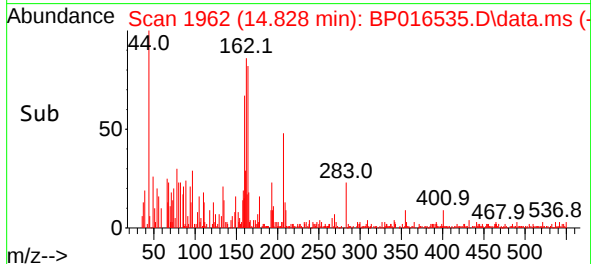
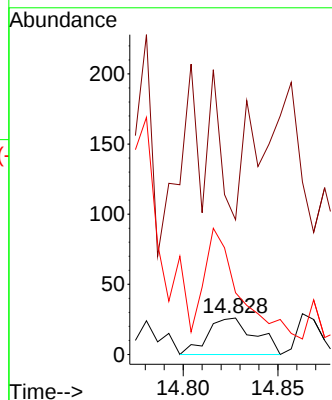
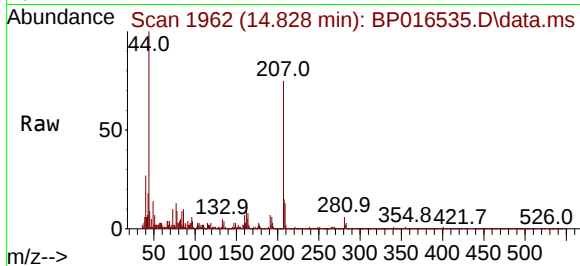
Tgt Ion:184 Resp: 45

Ion Ratio Lower Upper

184 100

63 246.2 48.2 72.4#

154 112.8 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: BP016535.D

Acq: 08 Aug 2023 13:17

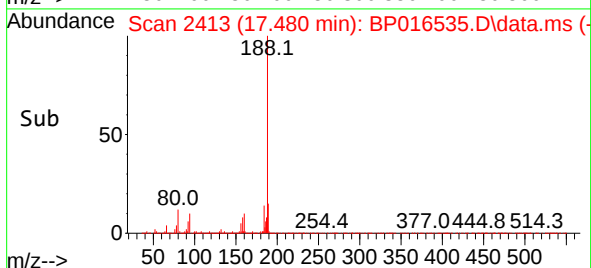
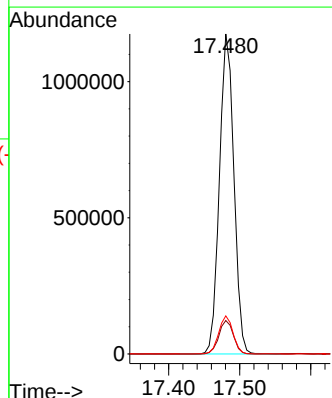
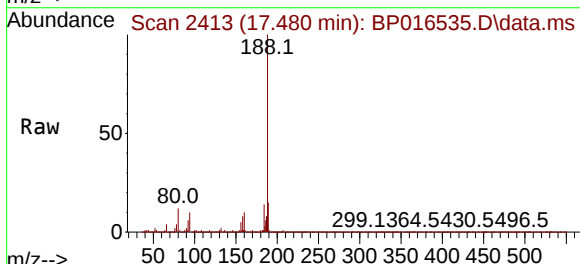
Tgt Ion:188 Resp: 1655981

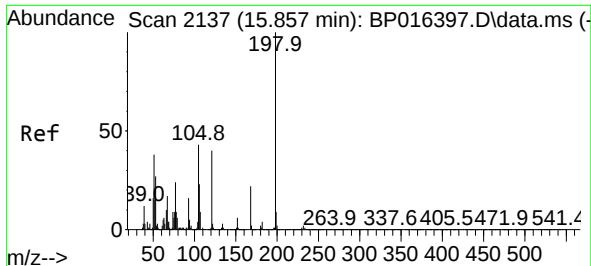
Ion Ratio Lower Upper

188 100

94 10.4 7.4 11.0

80 11.9 7.8 11.8#

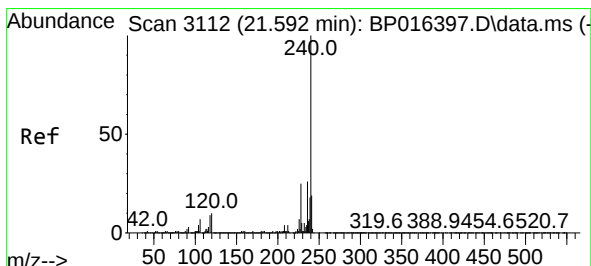
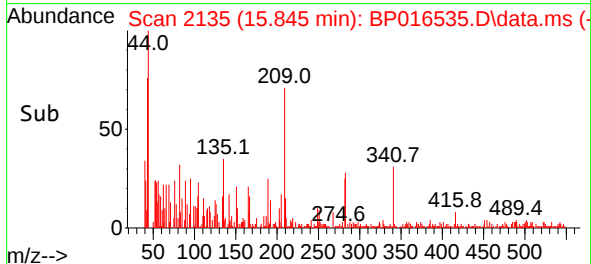
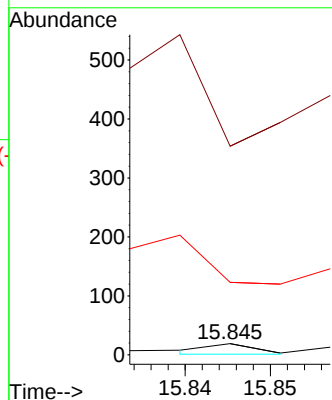
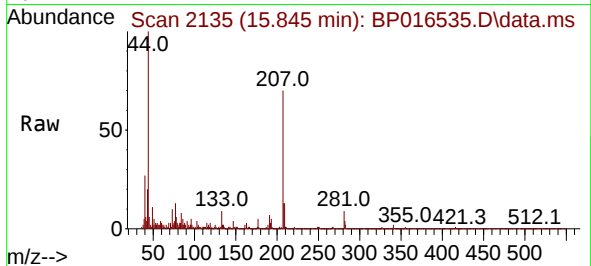




#65
4,6-Dinitro-2-methylphenol
Concen: 6.302 ng
RT: 15.845 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BP016535.D
Acq: 08 Aug 2023 13:17

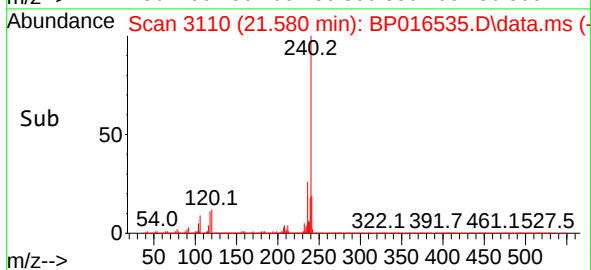
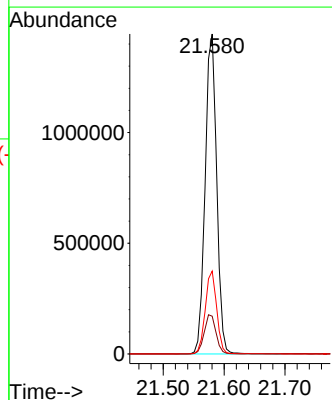
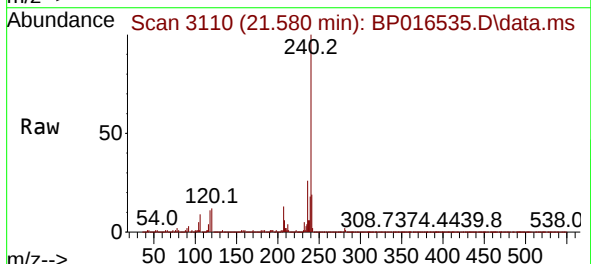
Instrument :
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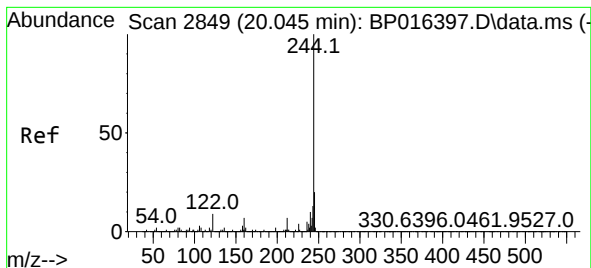
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 1863.2 20.1 60.1#
105 647.4 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP016535.D
Acq: 08 Aug 2023 13:17

Tgt Ion:240 Resp: 1900573
Ion Ratio Lower Upper
240 100
120 11.8 7.9 11.9
236 25.9 21.1 31.7





#79

Terphenyl-d14

Concen: 84.951 ng

RT: 20.027 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016535.D

Acq: 08 Aug 2023 13:17

Instrument :

BNA_P

ClientSampleId :

TP-3

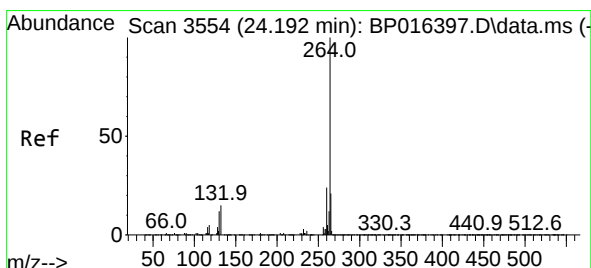
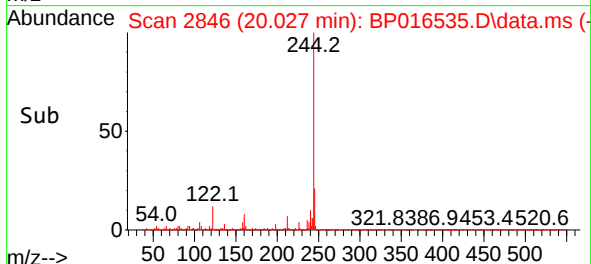
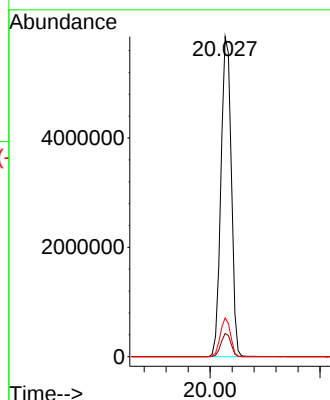
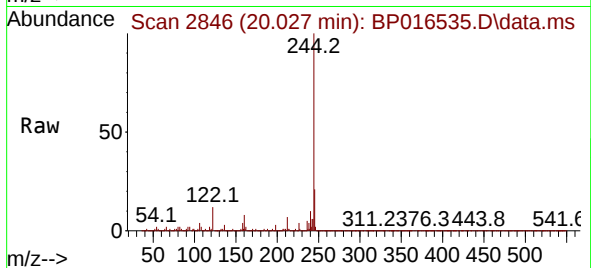
Tgt Ion:244 Resp: 7643160

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 12.1 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: BP016535.D

Acq: 08 Aug 2023 13:17

Tgt Ion:264 Resp: 2184855

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 21.8 17.4 26.0

