

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080823\
 Data File : BP016534.D
 Acq On : 08 Aug 2023 12:43
 Operator : MA/JU
 Sample : 03891-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Quant Time: Aug 08 16:48:22 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)

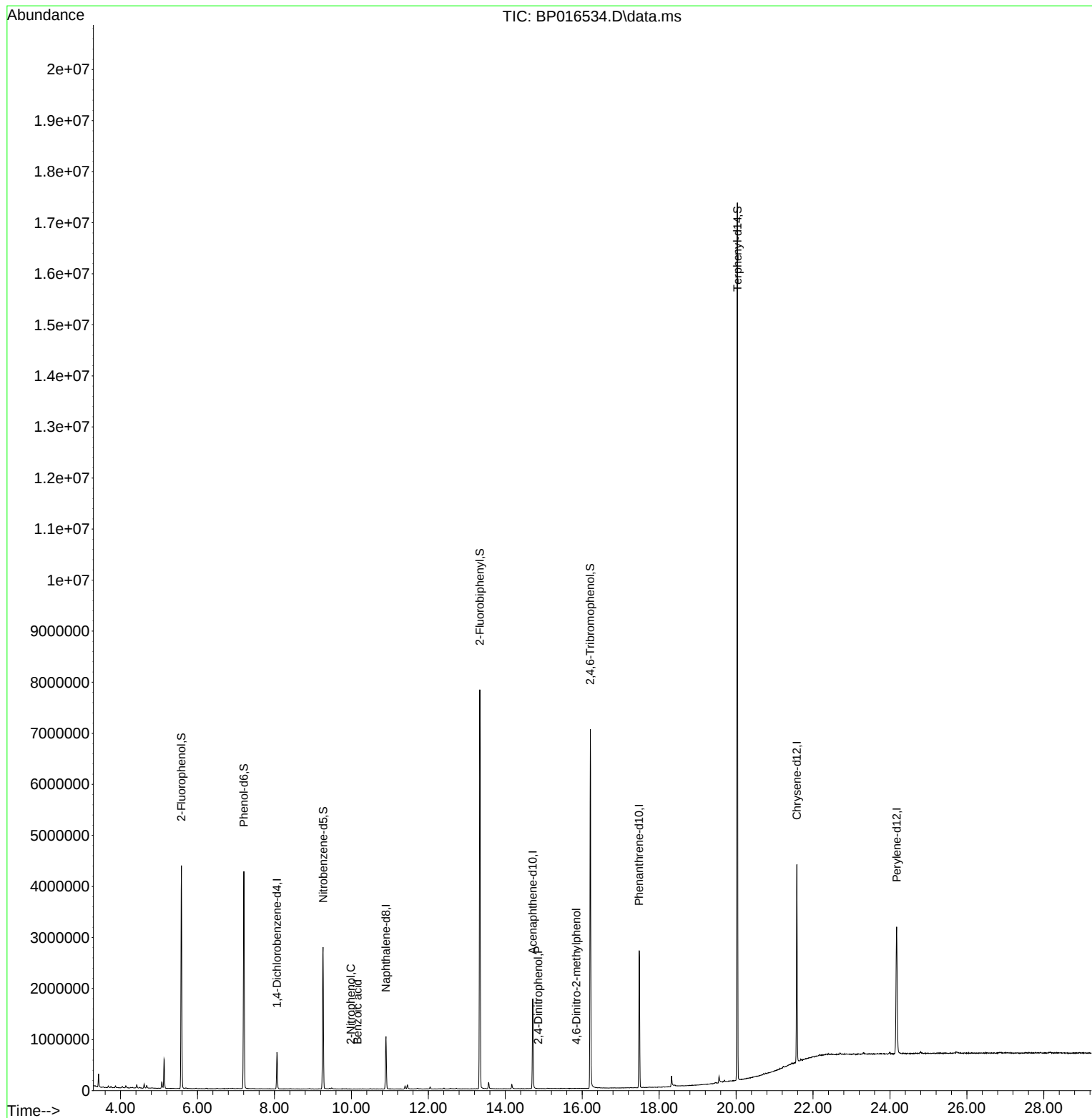
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	196146	20.000	ng	0.00
21) Naphthalene-d8	10.899	136	851451	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	596502	20.000	ng	0.00
64) Phenanthrene-d10	17.481	188	1583266	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1746771	20.000	ng	# 0.00
86) Perylene-d12	24.174	264	1967246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1977104	164.443	ng	0.00
7) Phenol-d6	7.205	99	2559013	155.282	ng	0.00
23) Nitrobenzene-d5	9.263	82	1633386	107.387	ng	0.00
42) 2,4,6-Tribromophenol	16.210	330	1294382	147.501	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	4044648	97.212	ng	0.00
79) Terphenyl-d14	20.033	244	8358157	101.078	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.211	77	5570	Below Cal	#	6
26) 2-Nitrophenol	9.987	139	94	3.138 ng	#	1
32) Benzoic acid	10.158	122	60	6.292 ng	#	1
54) 2,4-Dinitrophenol	14.857	184	47	8.011 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.851	198	15	6.303 ng	#	1

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

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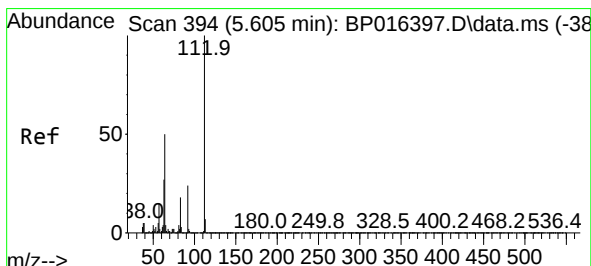
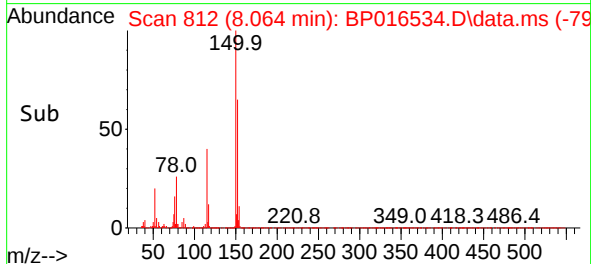
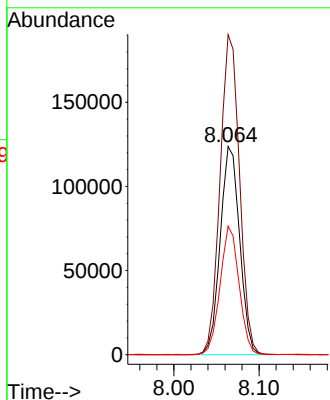
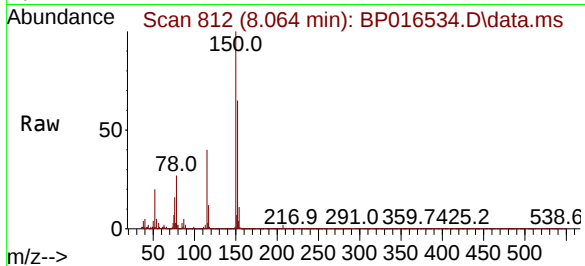




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.064 min Scan# 81
Delta R.T. 0.001 min
Lab File: BP016534.D
Acq: 08 Aug 2023 12:43

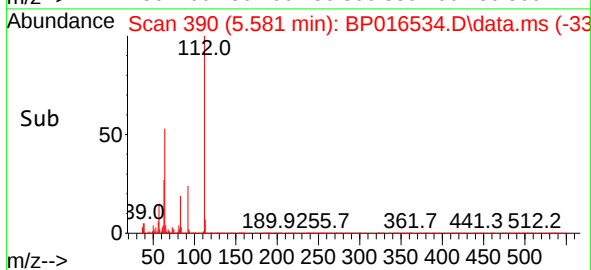
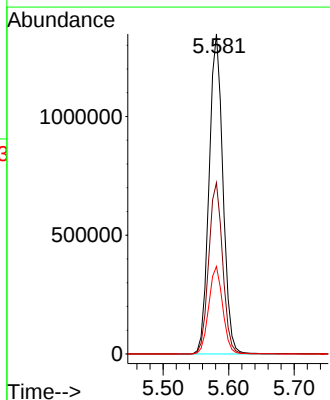
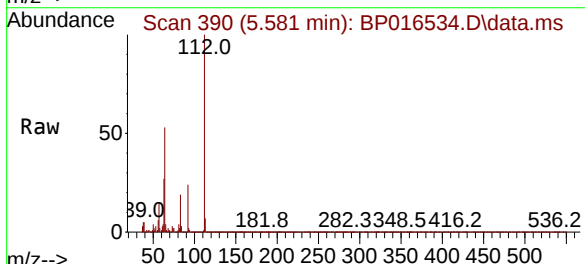
Instrument :
BNA_P
ClientSampleId :
TP-2

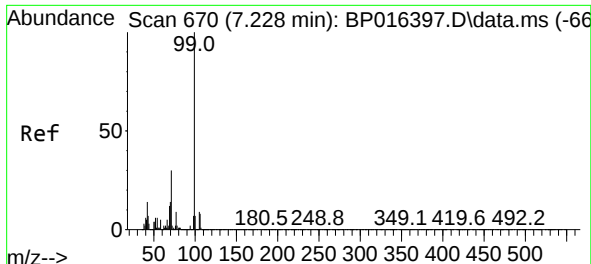
Tgt Ion:152 Resp: 196146
Ion Ratio Lower Upper
152 100
150 153.7 124.9 187.3
115 61.7 46.8 70.2



#5
2-Fluorophenol
Concen: 164.443 ng
RT: 5.581 min Scan# 390
Delta R.T. 0.006 min
Lab File: BP016534.D
Acq: 08 Aug 2023 12:43

Tgt Ion:112 Resp: 1977104
Ion Ratio Lower Upper
112 100
64 53.5 40.0 60.0
63 27.4 21.2 31.8

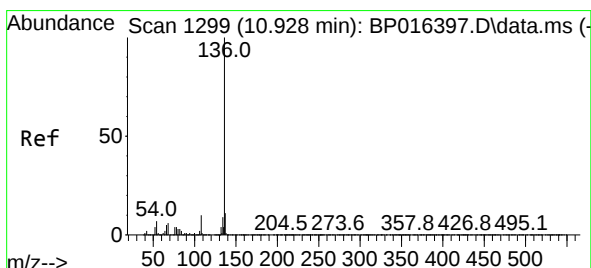
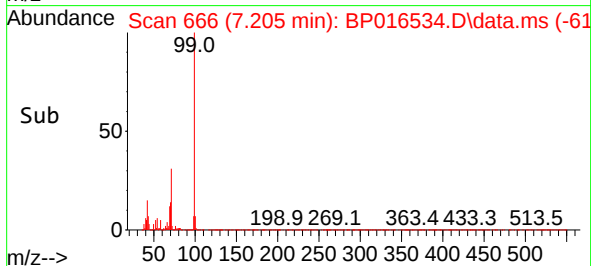
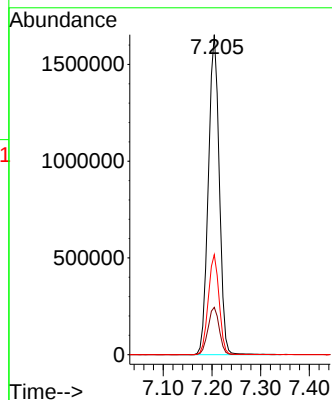
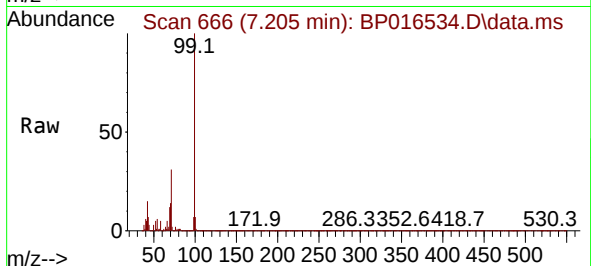




#7
Phenol-d6
Concen: 155.282 ng
RT: 7.205 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP016534.D
Acq: 08 Aug 2023 12:43

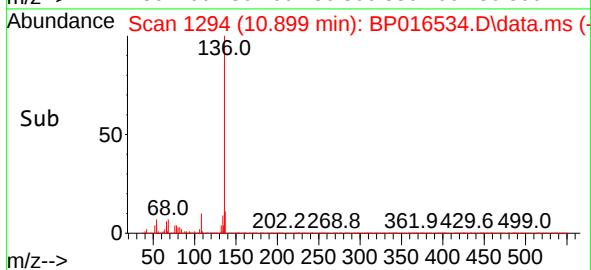
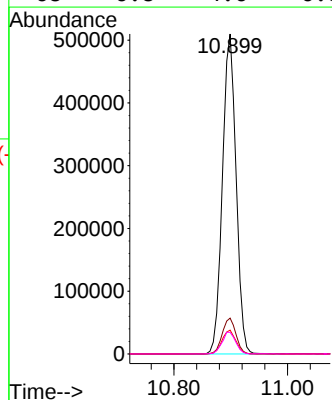
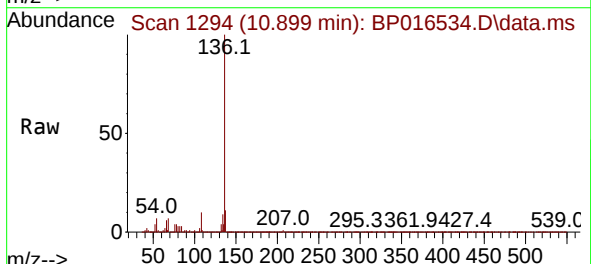
Instrument :
BNA_P
ClientSampleId :
TP-2

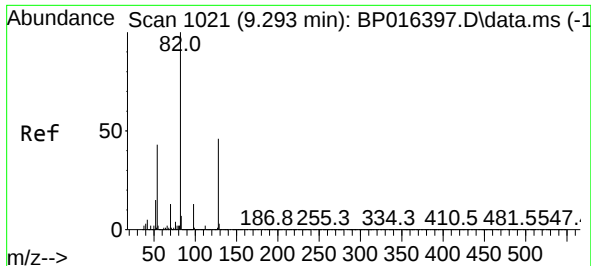
Tgt Ion: 99 Resp: 2559013
Ion Ratio Lower Upper
99 100
42 14.8 11.6 17.4
71 31.3 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.899 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BP016534.D
Acq: 08 Aug 2023 12:43

Tgt Ion: 136 Resp: 851451
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.5 5.6 8.4
68 6.8 4.6 6.8

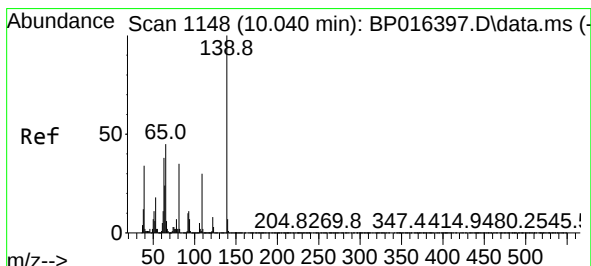
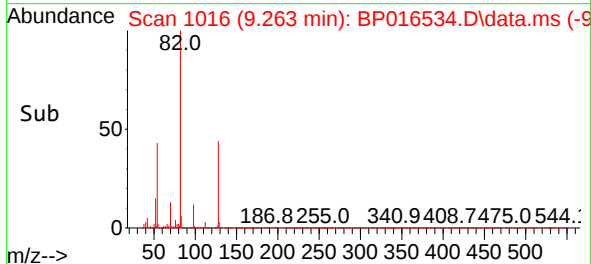
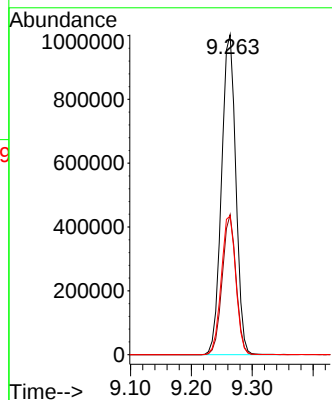
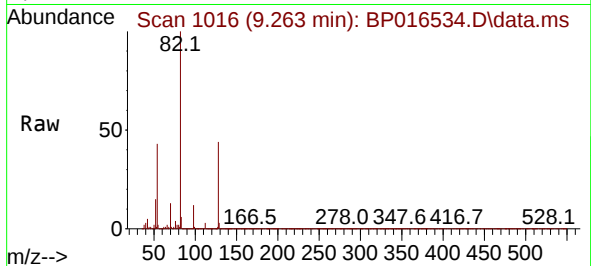




#23
Nitrobenzene-d5
Concen: 107.387 ng
RT: 9.263 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BP016534.D
Acq: 08 Aug 2023 12:43

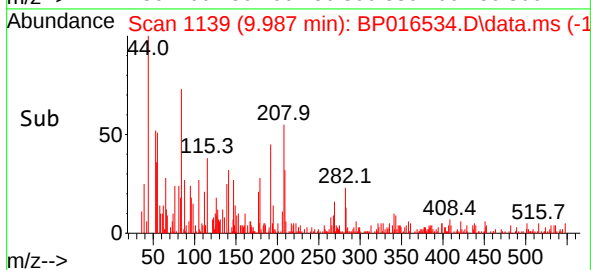
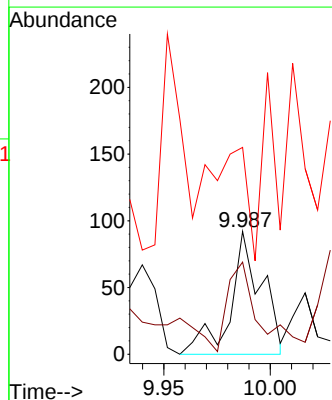
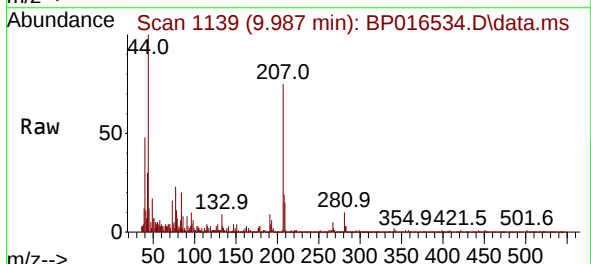
Instrument :
BNA_P
ClientSampleId :
TP-2

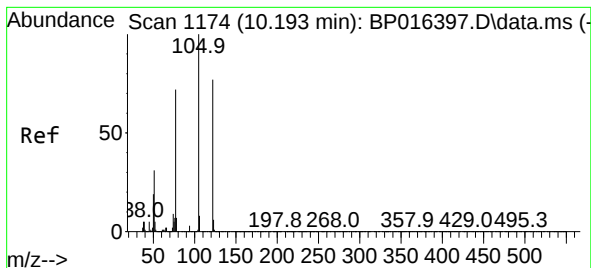
Tgt Ion: 82 Resp: 1633386
Ion Ratio Lower Upper
82 100
128 43.7 36.6 55.0
54 43.4 34.5 51.7



#26
2-Nitrophenol
Concen: 3.138 ng
RT: 9.987 min Scan# 1139
Delta R.T. -0.023 min
Lab File: BP016534.D
Acq: 08 Aug 2023 12:43

Tgt Ion: 139 Resp: 94
Ion Ratio Lower Upper
139 100
109 75.0 24.2 36.4#
65 168.5 35.8 53.6#





#32

Benzoic acid

Concen: 6.292 ng

RT: 10.158 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BP016534.D

Acq: 08 Aug 2023 12:43

Instrument :

BNA_P

ClientSampleId :

TP-2

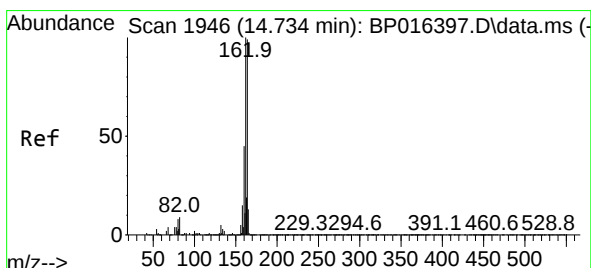
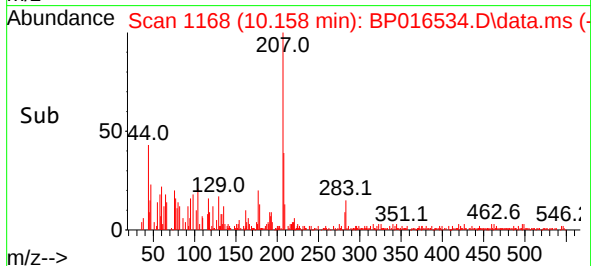
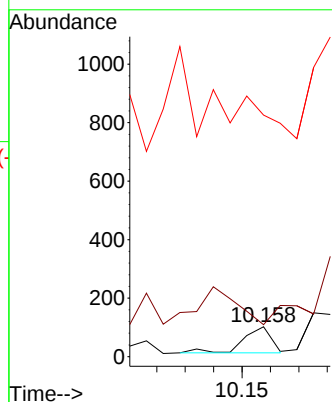
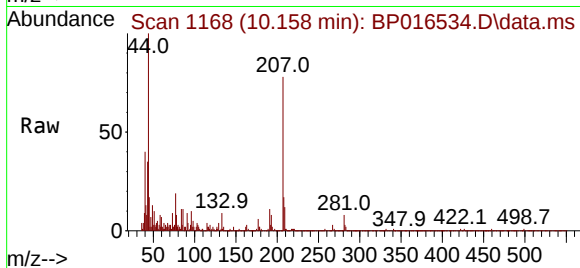
Tgt Ion:122 Resp: 60

Ion Ratio Lower Upper

122 100

105 96.5 105.2 145.2#

77 731.0 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: BP016534.D

Acq: 08 Aug 2023 12:43

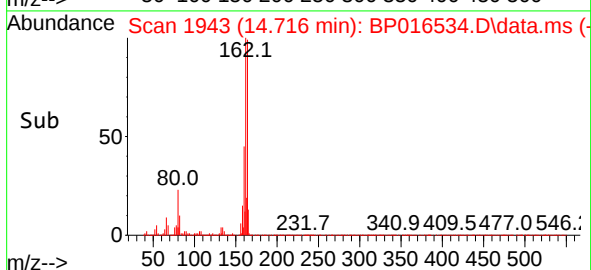
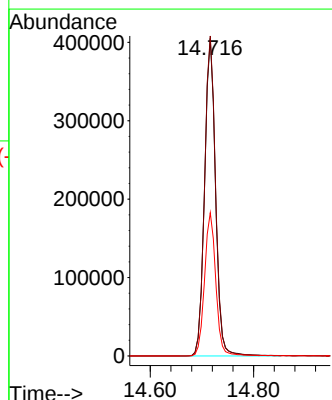
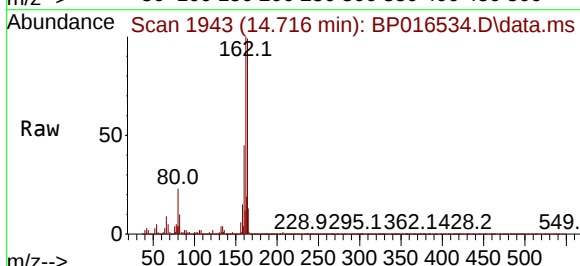
Tgt Ion:164 Resp: 596502

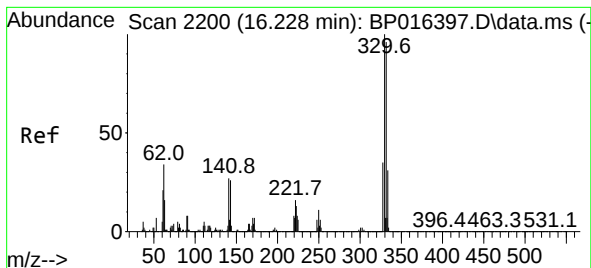
Ion Ratio Lower Upper

164 100

162 100.7 81.0 121.6

160 45.1 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 147.501 ng

RT: 16.210 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016534.D

Acq: 08 Aug 2023 12:43

Instrument :

BNA_P

ClientSampleId :

TP-2

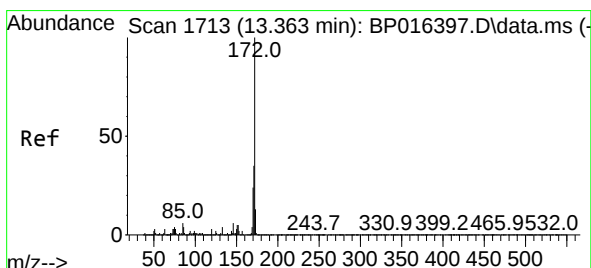
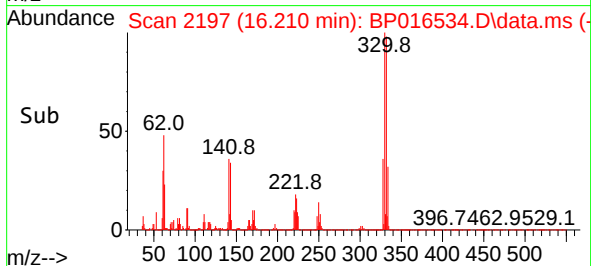
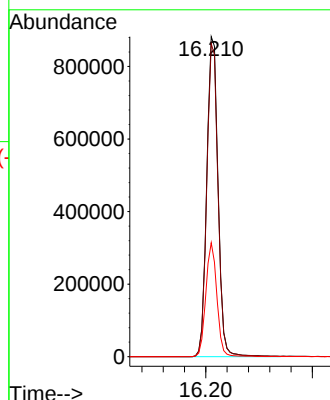
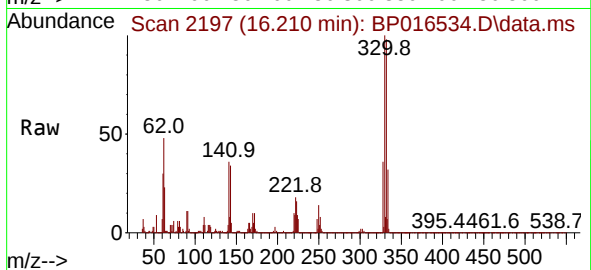
Tgt Ion:330 Resp: 1294382

Ion Ratio Lower Upper

330 100

332 97.4 77.8 116.8

141 34.9 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 97.212 ng

RT: 13.340 min Scan# 1709

Delta R.T. 0.000 min

Lab File: BP016534.D

Acq: 08 Aug 2023 12:43

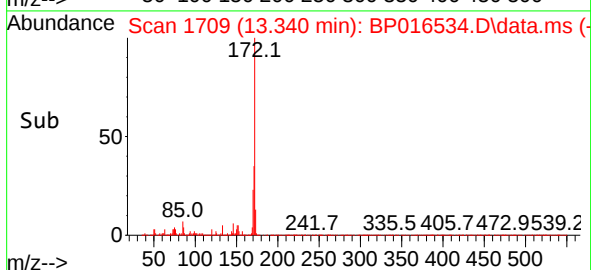
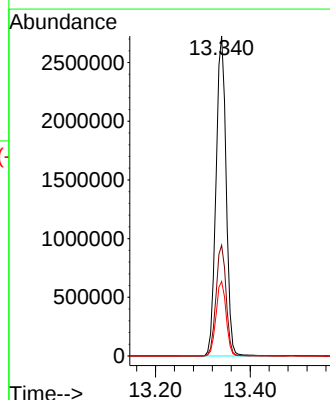
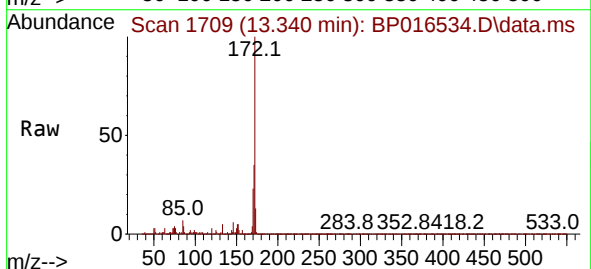
Tgt Ion:172 Resp: 4044648

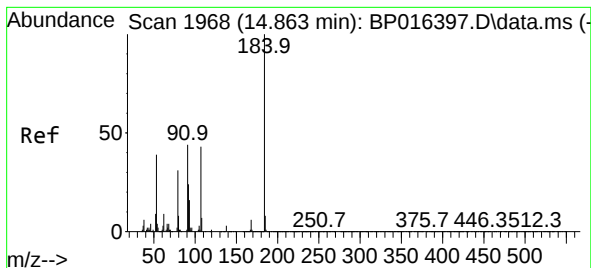
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.2

170 23.2 19.1 28.7

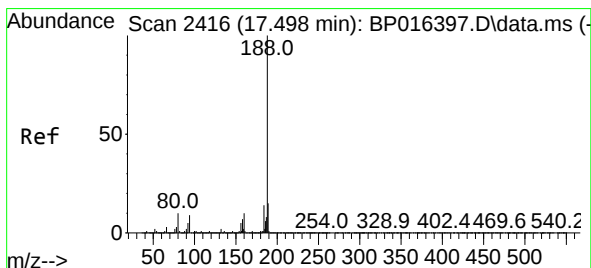
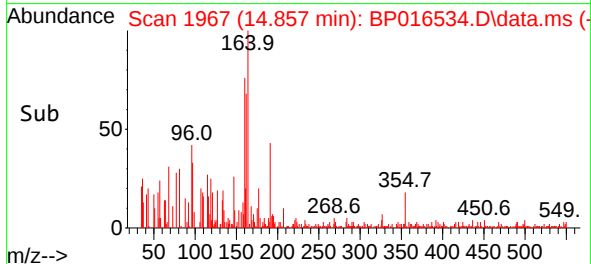
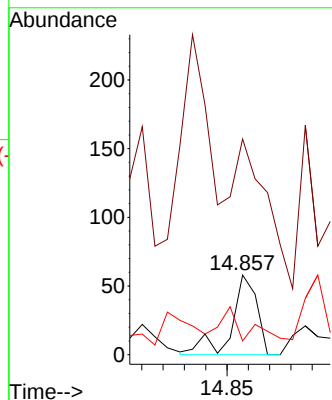
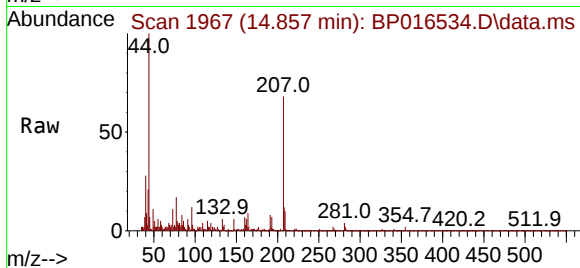




#54
2,4-Dinitrophenol
Concen: 8.011 ng
RT: 14.857 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP016534.D
Acq: 08 Aug 2023 12:43

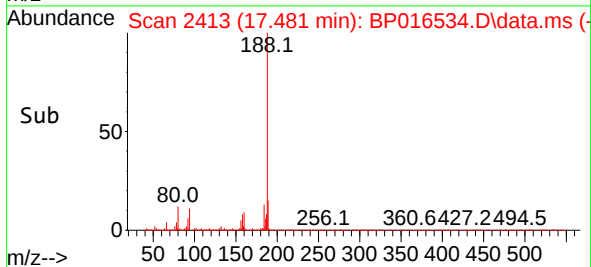
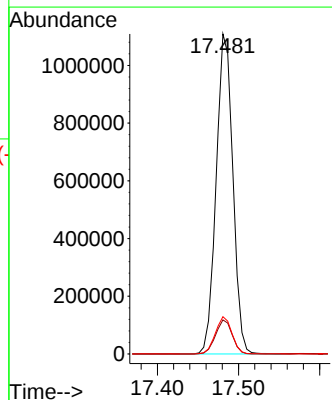
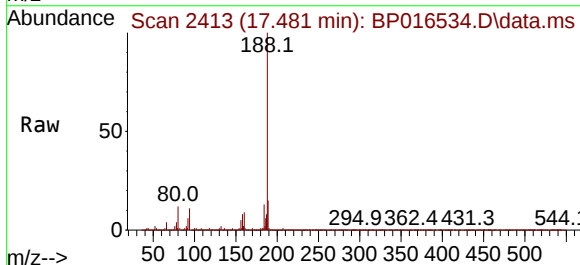
Instrument :
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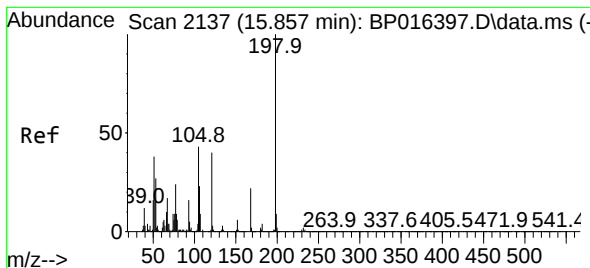
Tgt Ion:184 Resp: 47
Ion Ratio Lower Upper
184 100
63 270.7 48.2 72.4#
154 24.1 49.6 74.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.481 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP016534.D
Acq: 08 Aug 2023 12:43

Tgt Ion:188 Resp: 1583266
Ion Ratio Lower Upper
188 100
94 10.7 7.4 11.0
80 11.6 7.8 11.8

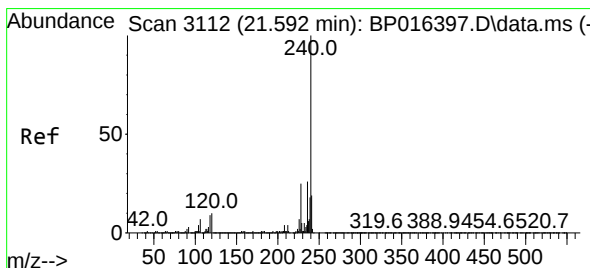
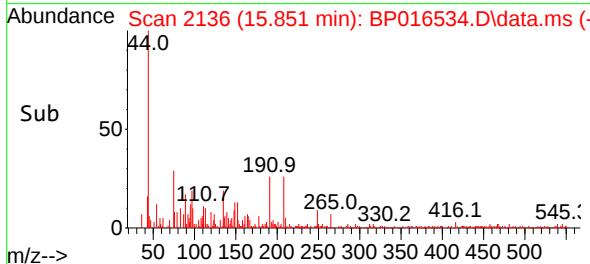
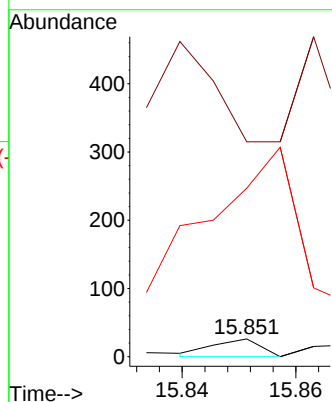
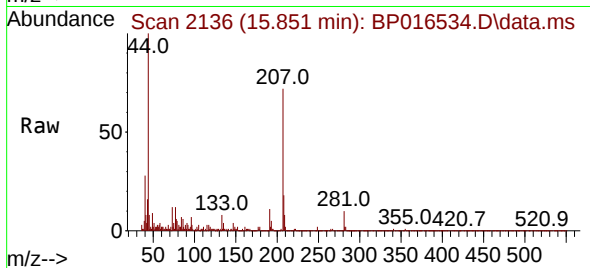




#65
4,6-Dinitro-2-methylphenol
Concen: 6.303 ng
RT: 15.851 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BP016534.D
Acq: 08 Aug 2023 12:43

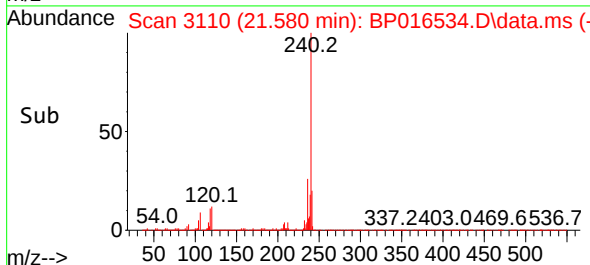
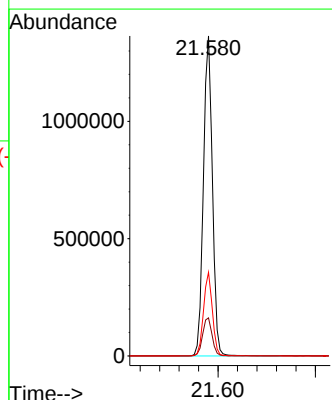
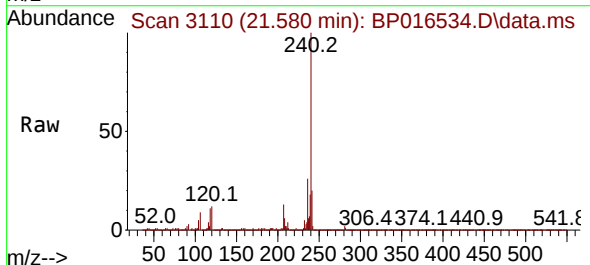
Instrument :
BNA_P
ClientSampleId :
TP-2

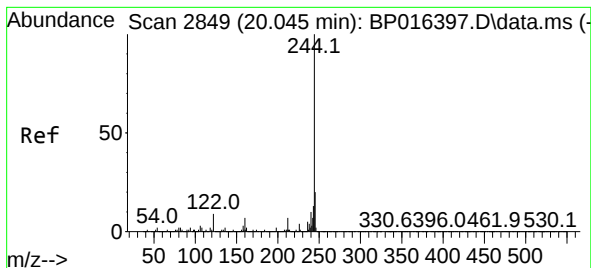
Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
51 1211.5 20.1 60.1#
105 961.5 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP016534.D
Acq: 08 Aug 2023 12:43

Tgt Ion:240 Resp: 1746771
Ion Ratio Lower Upper
240 100
120 11.9 7.9 11.9#
236 26.1 21.1 31.7





#79

Terphenyl-d14

Concen: 101.078 ng

RT: 20.033 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP016534.D

Acq: 08 Aug 2023 12:43

Instrument :

BNA_P

ClientSampleId :

TP-2

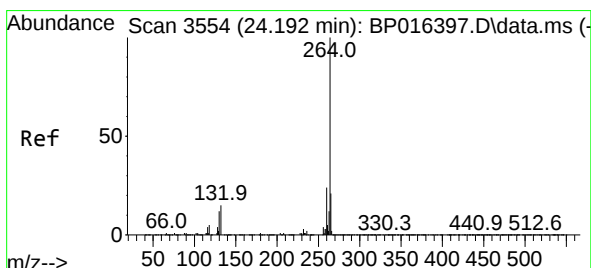
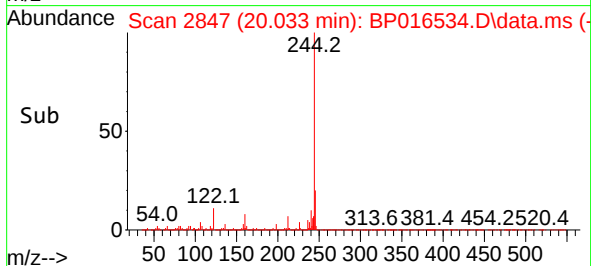
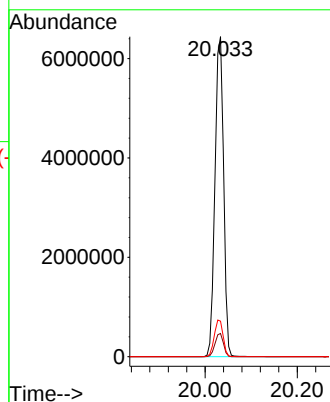
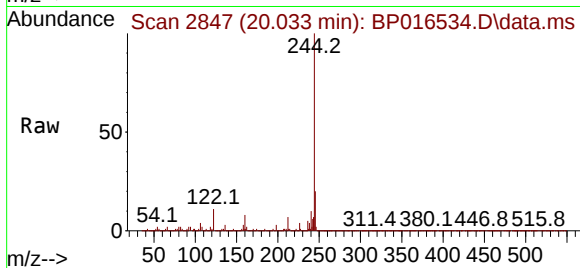
Tgt Ion:244 Resp: 8358157

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 11.1 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: BP016534.D

Acq: 08 Aug 2023 12:43

Tgt Ion:264 Resp: 1967246

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 22.0 17.4 26.0

