

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
 Data File : BP016409.D
 Acq On : 27 Jul 2023 20:14
 Operator : MA/JU
 Sample : 03732-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-09-(3-5)

Quant Time: Jul 28 02:15:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

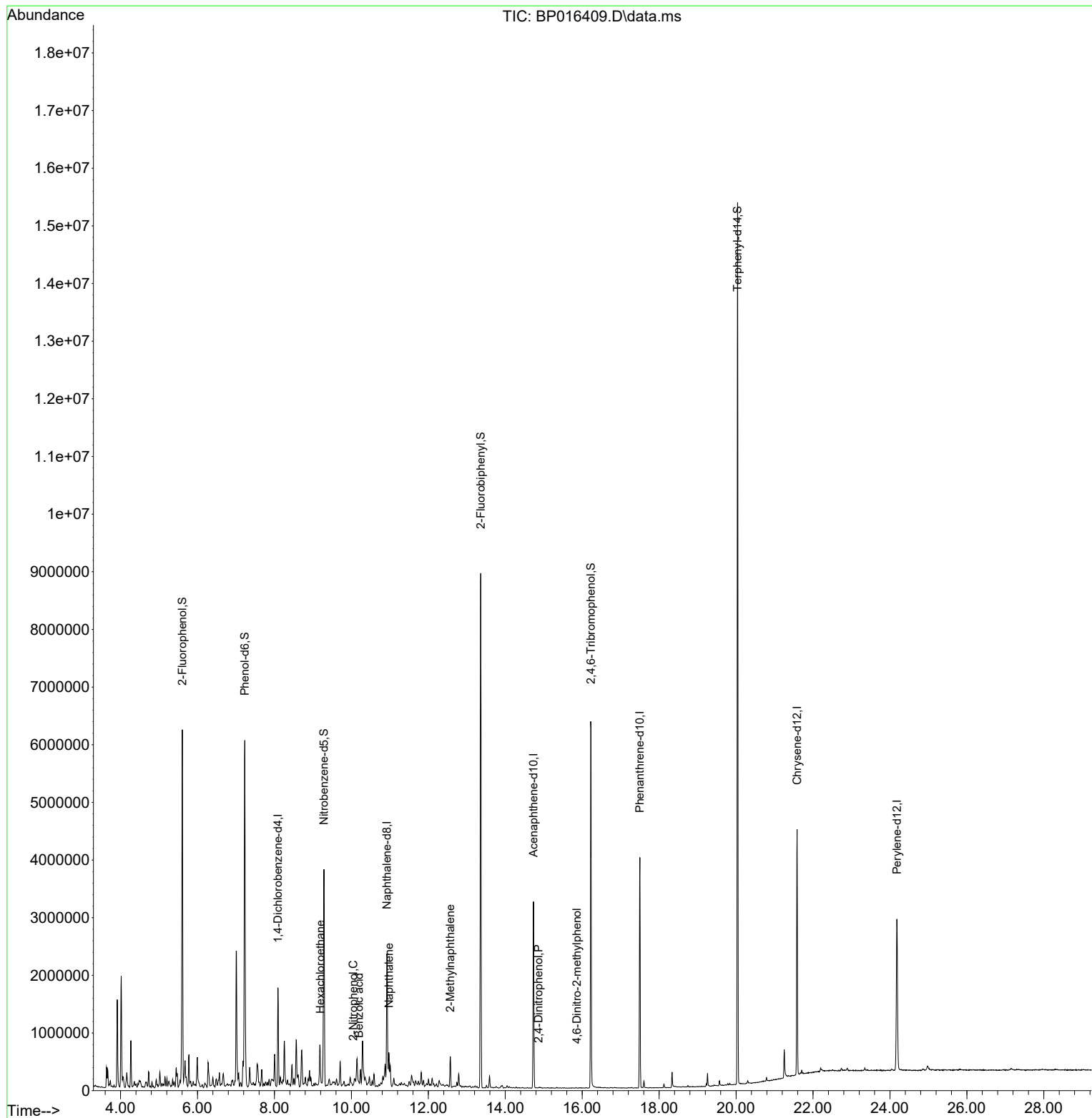
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	442357	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1772906	20.000	ng	# 0.00
39) Acenaphthene-d10	14.734	164	1035308	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	2252516	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1953995	20.000	ng	0.00
86) Perylene-d12	24.180	264	2024021	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	2704713	99.750	ng	0.00
7) Phenol-d6	7.228	99	3512630	94.512	ng	0.00
23) Nitrobenzene-d5	9.287	82	2023320	63.885	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	1146569	75.279	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	4587052	63.520	ng	0.00
79) Terphenyl-d14	20.039	244	6891808	74.506	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.222	77	12747	Below Cal	#	49
18) Hexachloroethane	9.193	117	95629	8.660	ng	# 1
26) 2-Nitrophenol	10.046	139	188	3.138	ng	# 1
31) Naphthalene	10.975	128	464005	5.004	ng	99
32) Benzoic acid	10.199	122	106	6.291	ng	# 1
37) 2-Methylnaphthalene	12.569	142	251528	3.734	ng	99
54) 2,4-Dinitrophenol	14.863	184	154	8.020	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.863	198	8	6.302	ng	# 1

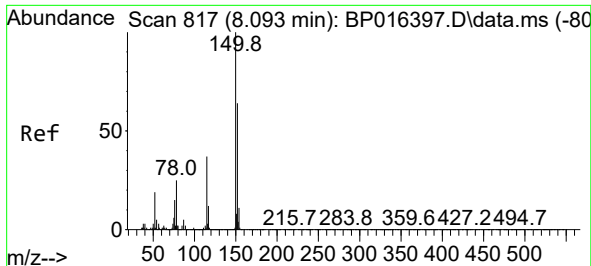
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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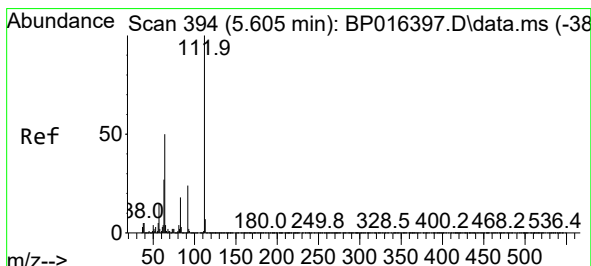
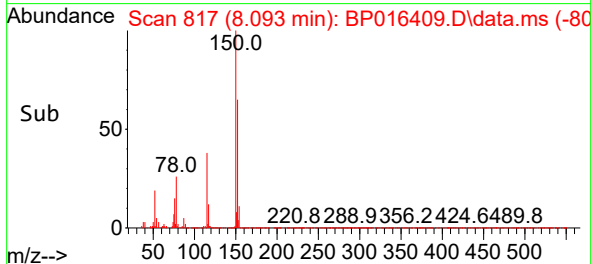
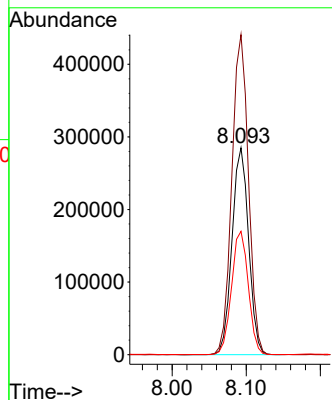
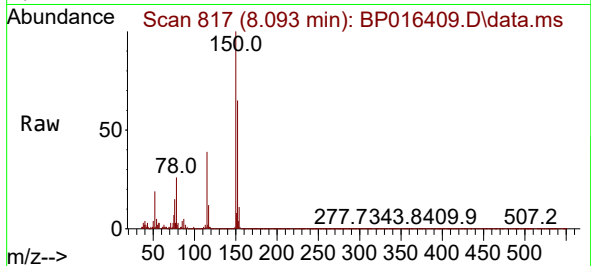




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP016409.D
Acq: 27 Jul 2023 20:14

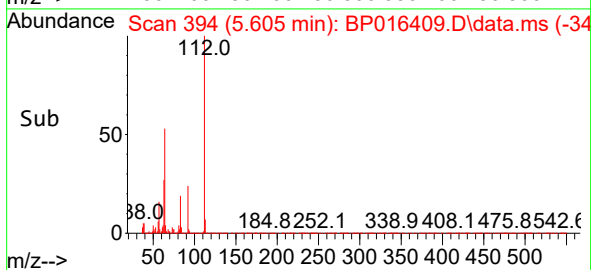
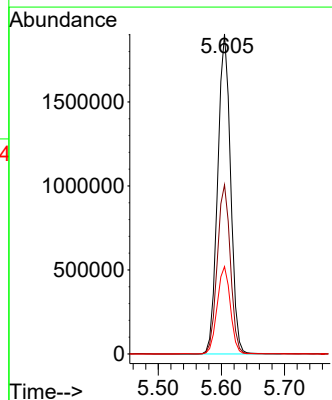
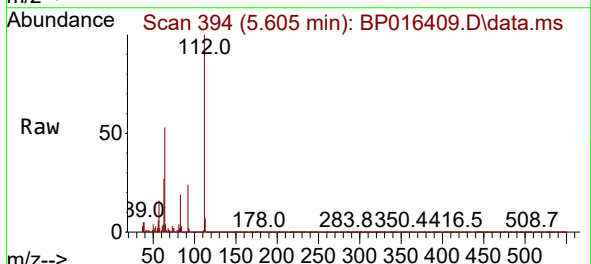
Instrument :
BNA_P
ClientSampleId :
SB-09-(3-5)

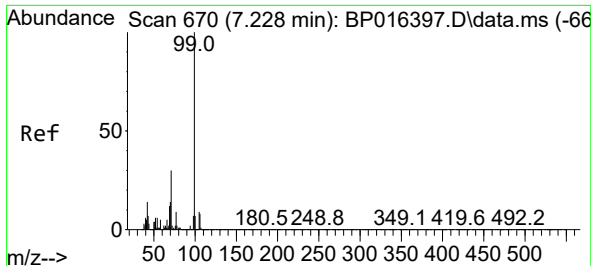
Tgt Ion:152 Resp: 442357
Ion Ratio Lower Upper
152 100
150 154.6 124.9 187.3
115 59.6 46.8 70.2



#5
2-Fluorophenol
Concen: 99.750 ng
RT: 5.605 min Scan# 394
Delta R.T. -0.000 min
Lab File: BP016409.D
Acq: 27 Jul 2023 20:14

Tgt Ion:112 Resp: 2704713
Ion Ratio Lower Upper
112 100
64 52.9 40.0 60.0
63 27.3 21.2 31.8

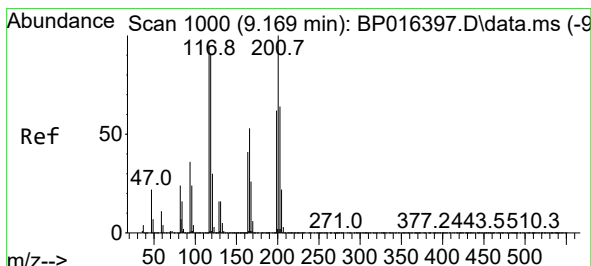
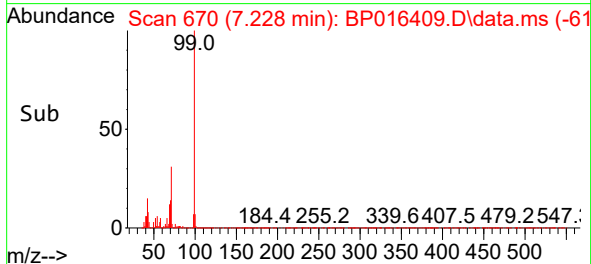
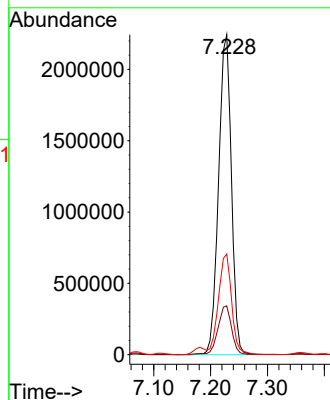
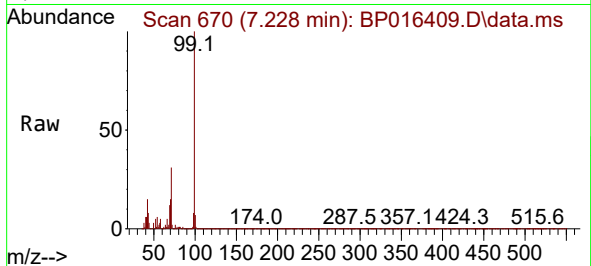




#7
Phenol-d6
Concen: 94.512 ng
RT: 7.228 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP016409.D
Acq: 27 Jul 2023 20:14

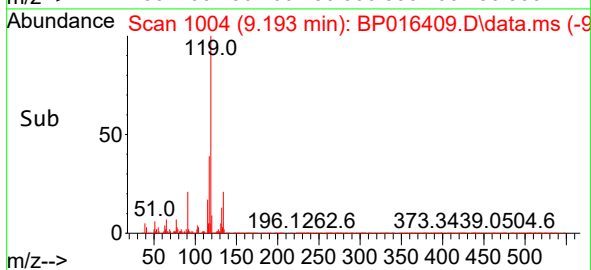
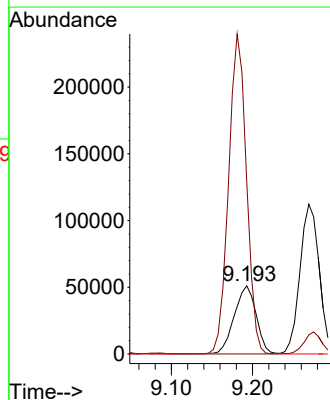
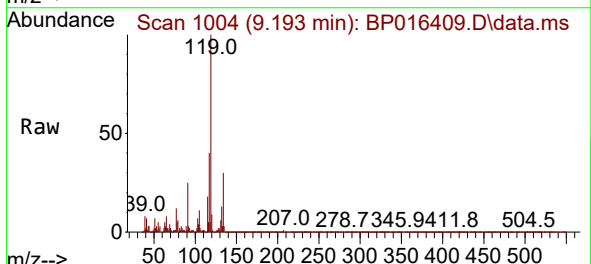
Instrument :
BNA_P
ClientSampleId :
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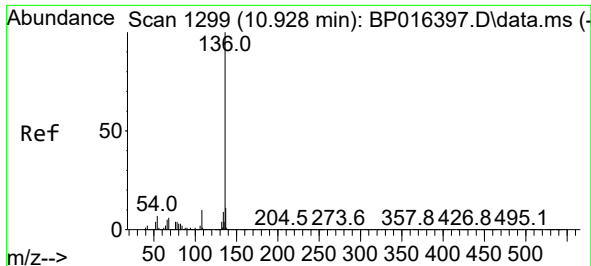
Tgt Ion: 99 Resp: 3512630
Ion Ratio Lower Upper
99 100
42 15.3 11.6 17.4
71 31.5 24.3 36.5



#18
Hexachloroethane
Concen: 8.660 ng
RT: 9.193 min Scan# 1004
Delta R.T. 0.024 min
Lab File: BP016409.D
Acq: 27 Jul 2023 20:14

Tgt Ion: 117 Resp: 95629
Ion Ratio Lower Upper
117 100
119 251.9 76.9 115.3#
201 0.0 86.2 129.4#

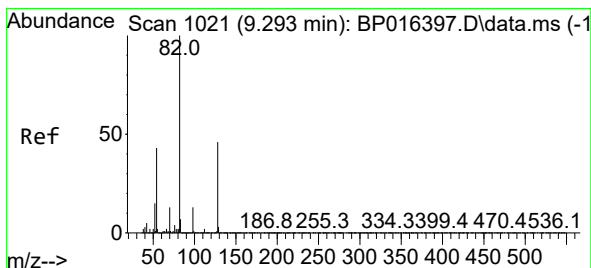
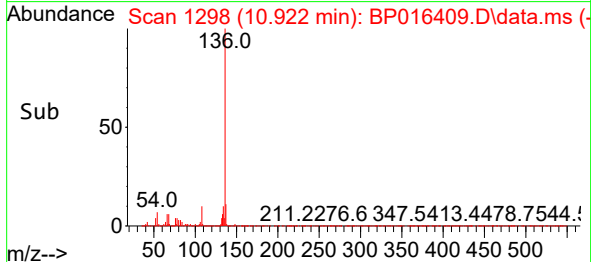
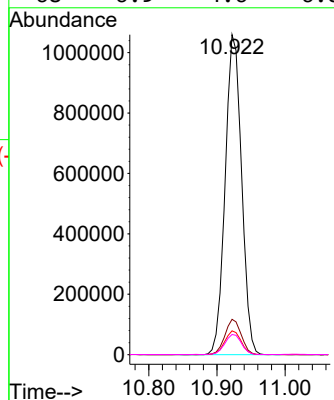
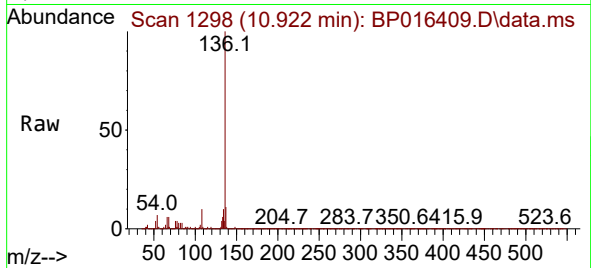




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP016409.D
Acq: 27 Jul 2023 20:14

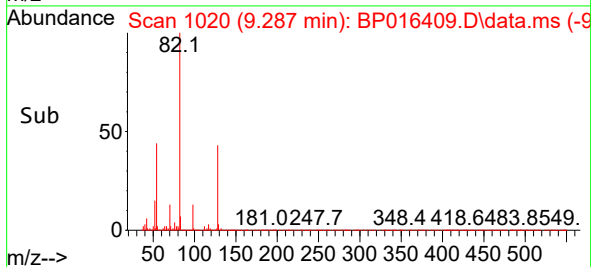
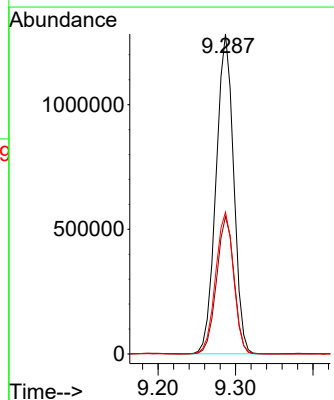
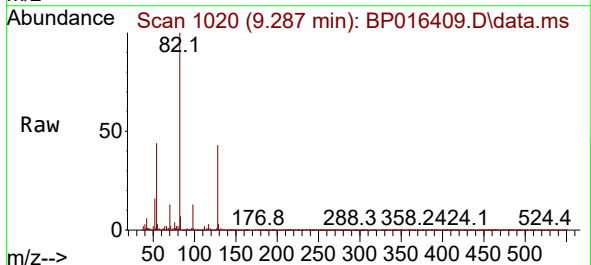
Instrument :
BNA_P
ClientSampleId :
SB-09-(3-5)

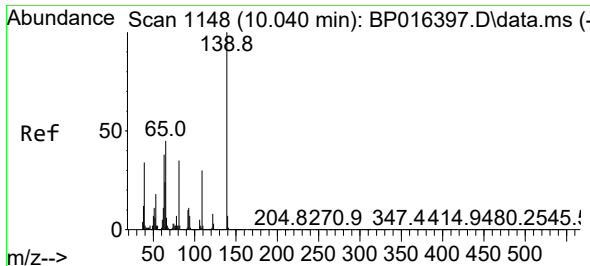
Tgt Ion:136 Resp: 1772906
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.5 5.6 8.4
68 6.9 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 63.885 ng
RT: 9.287 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP016409.D
Acq: 27 Jul 2023 20:14

Tgt Ion: 82 Resp: 2023320
Ion Ratio Lower Upper
82 100
128 43.0 36.6 55.0
54 44.4 34.5 51.7

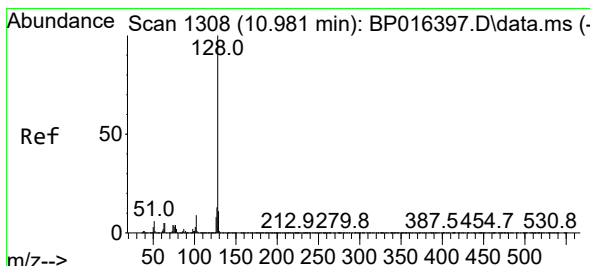
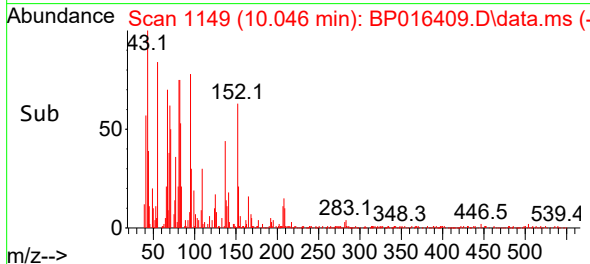
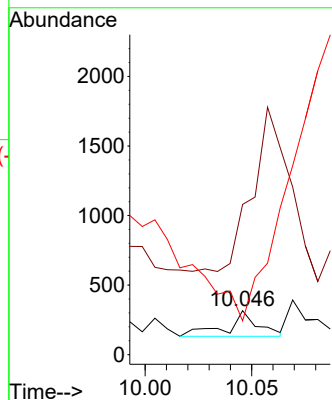
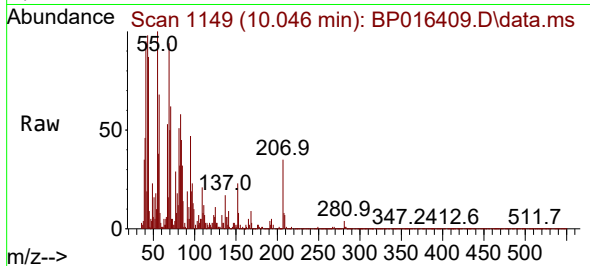




#26
2-Nitrophenol
Concen: 3.138 ng
RT: 10.046 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BP016409.D
Acq: 27 Jul 2023 20:14

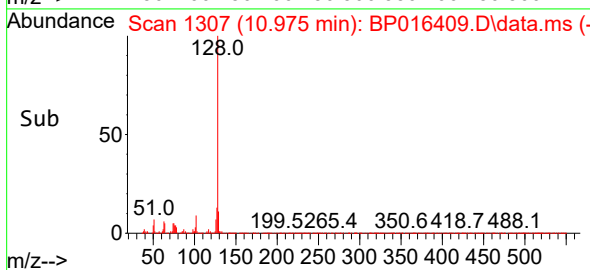
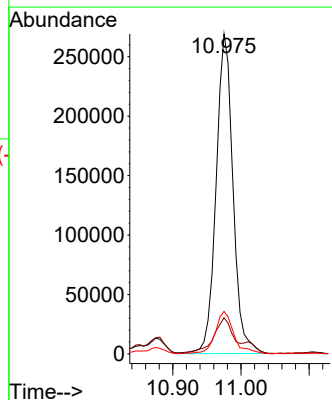
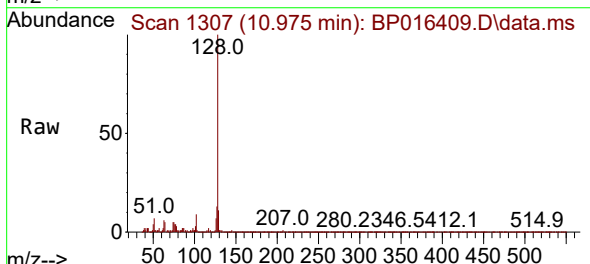
Instrument :
BNA_P
ClientSampleId :
SB-09-(3-5)

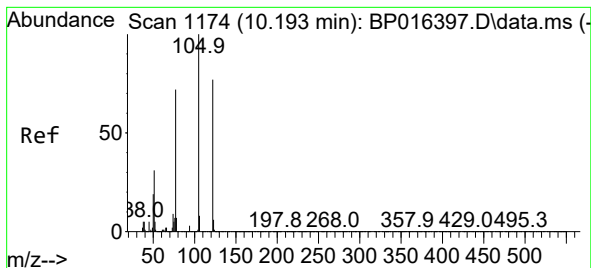
Tgt Ion:139 Resp: 188
Ion Ratio Lower Upper
139 100
109 341.8 24.2 36.4#
65 76.9 35.8 53.6#



#31
Naphthalene
Concen: 5.004 ng
RT: 10.975 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BP016409.D
Acq: 27 Jul 2023 20:14

Tgt Ion:128 Resp: 464005
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.3 10.4 15.6





#32

Benzoic acid

Concen: 6.291 ng

RT: 10.199 min Scan# 1174

Delta R.T. 0.006 min

Lab File: BP016409.D

Acq: 27 Jul 2023 20:14

Instrument :

BNA_P

ClientSampleId :

SB-09-(3-5)

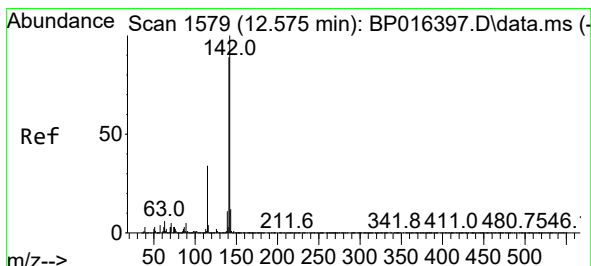
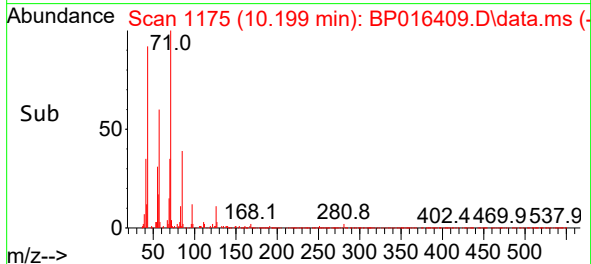
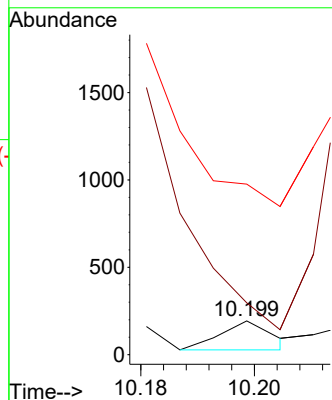
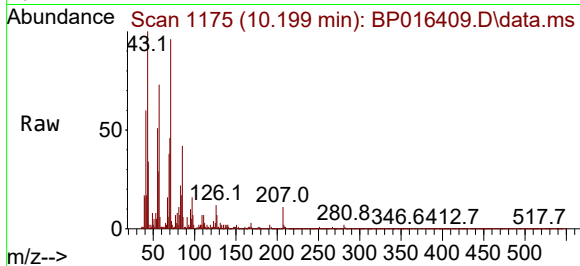
Tgt Ion:122 Resp: 106

Ion Ratio Lower Upper

122 100

105 153.9 105.2 145.2#

77 505.7 72.2 112.2#



#37

2-Methylnaphthalene

Concen: 3.734 ng

RT: 12.569 min Scan# 1578

Delta R.T. -0.006 min

Lab File: BP016409.D

Acq: 27 Jul 2023 20:14

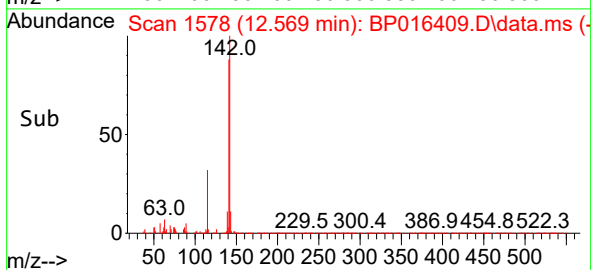
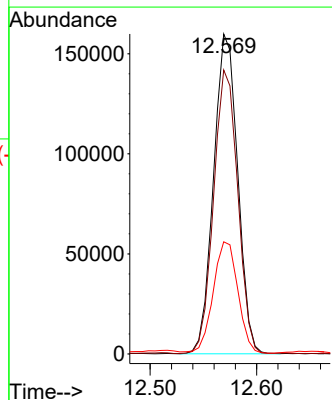
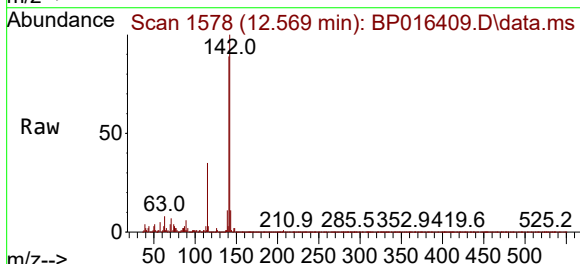
Tgt Ion:142 Resp: 251528

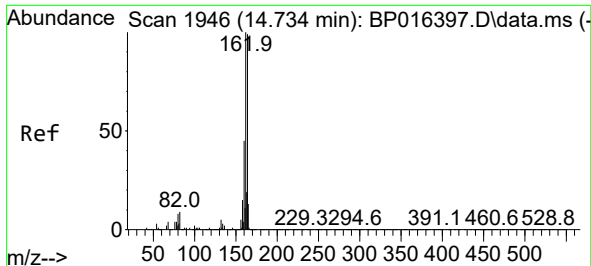
Ion Ratio Lower Upper

142 100

141 88.8 71.4 107.2

115 35.1 27.0 40.4

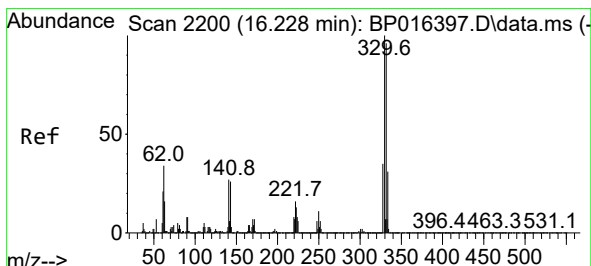
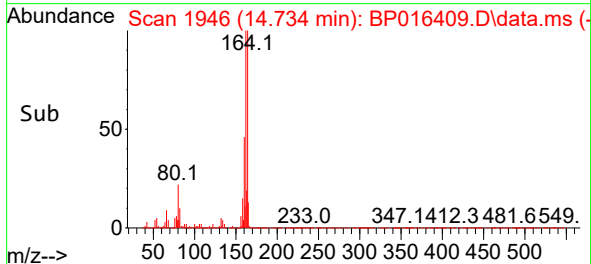
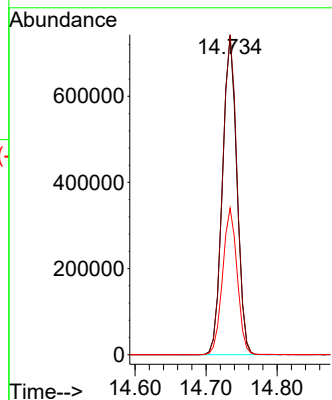
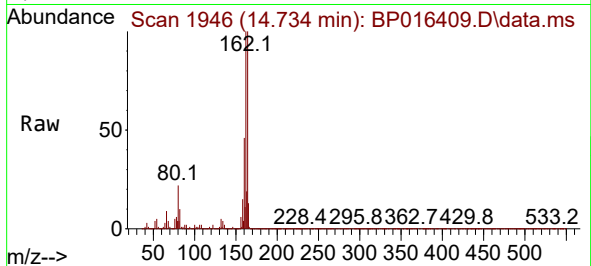




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BP016409.D
Acq: 27 Jul 2023 20:14

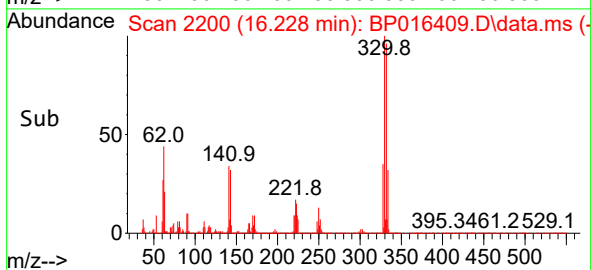
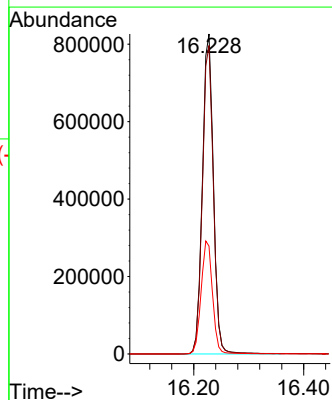
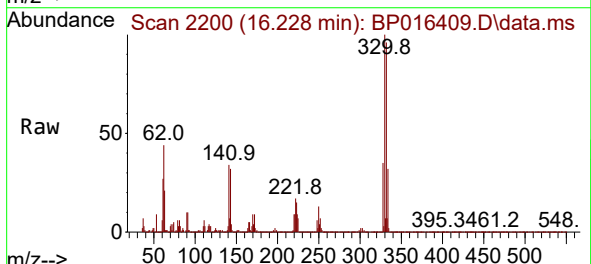
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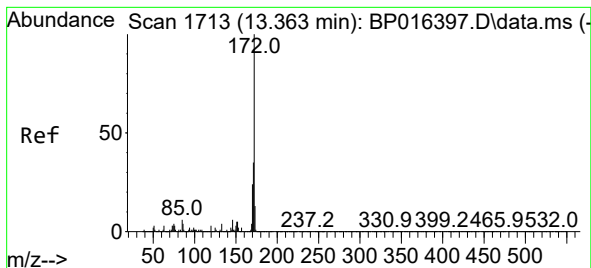
Tgt Ion:164 Resp: 1035308
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.6
160 46.0 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 75.279 ng
RT: 16.228 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BP016409.D
Acq: 27 Jul 2023 20:14

Tgt Ion:330 Resp: 1146569
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 36.7 22.6 34.0#





#45

2-Fluorobiphenyl

Concen: 63.520 ng

RT: 13.363 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP016409.D

Acq: 27 Jul 2023 20:14

Instrument :

BNA_P

ClientSampleId :

SB-09-(3-5)

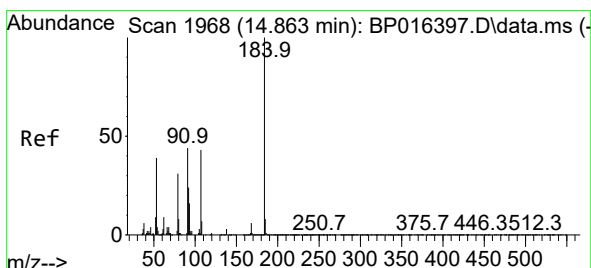
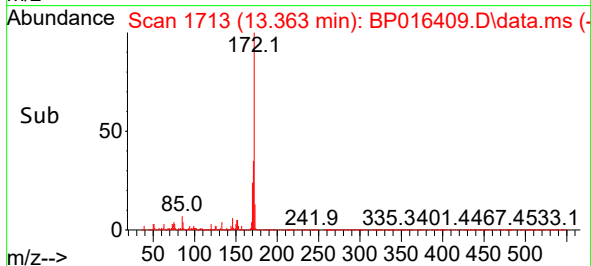
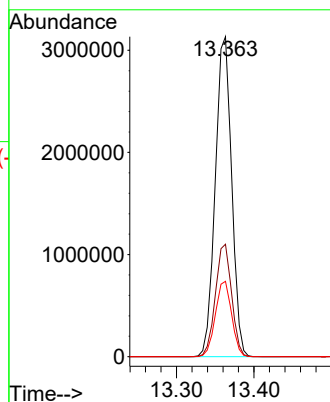
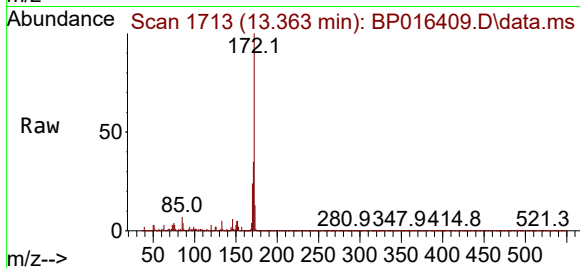
Tgt Ion:172 Resp: 4587052

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.6 19.1 28.7



#54

2,4-Dinitrophenol

Concen: 8.020 ng

RT: 14.863 min Scan# 1968

Delta R.T. 0.000 min

Lab File: BP016409.D

Acq: 27 Jul 2023 20:14

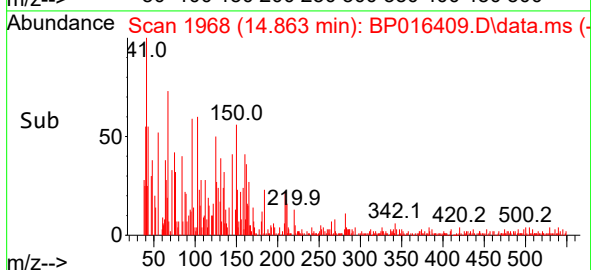
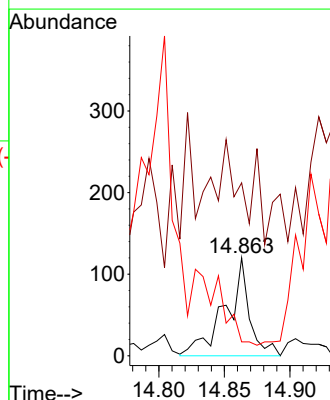
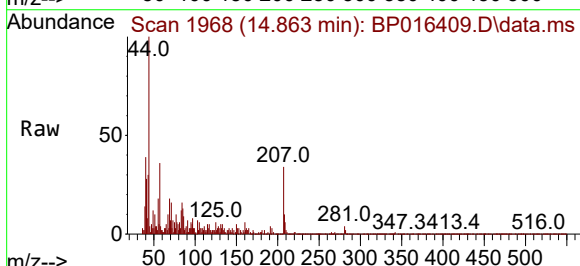
Tgt Ion:184 Resp: 154

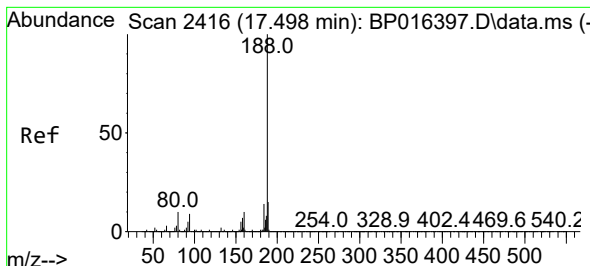
Ion Ratio Lower Upper

184 100

63 176.7 48.2 72.4#

154 14.2 49.6 74.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.498 min Scan# 2416

Delta R.T. -0.000 min

Lab File: BP016409.D

Acq: 27 Jul 2023 20:14

Instrument :

BNA_P

ClientSampleId :

SB-09-(3-5)

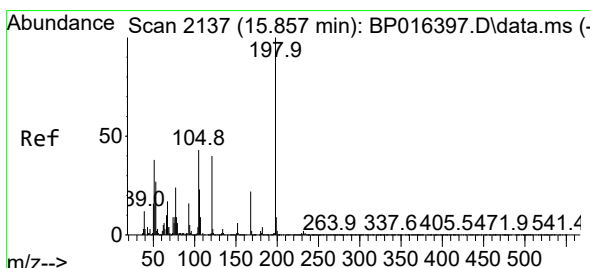
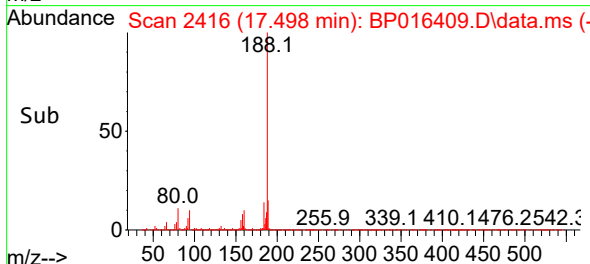
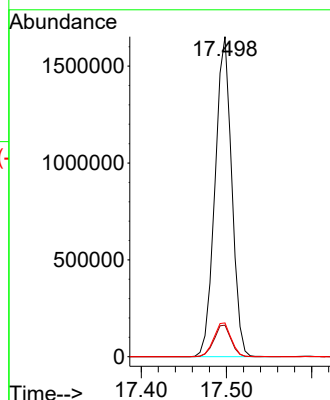
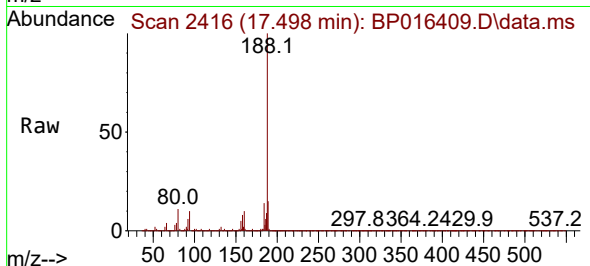
Tgt Ion:188 Resp: 2252516

Ion Ratio Lower Upper

188 100

94 9.8 7.4 11.0

80 10.6 7.8 11.8



#65

4,6-Dinitro-2-methylphenol

Concen: 6.302 ng

RT: 15.863 min Scan# 2138

Delta R.T. 0.006 min

Lab File: BP016409.D

Acq: 27 Jul 2023 20:14

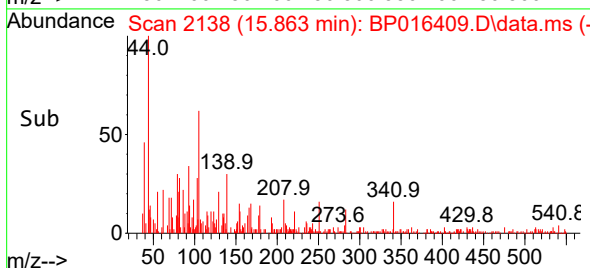
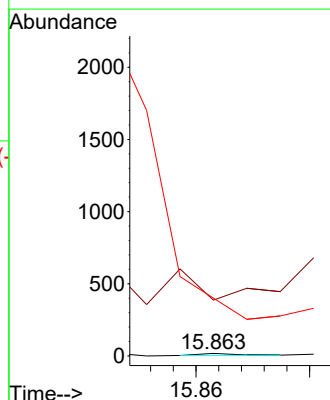
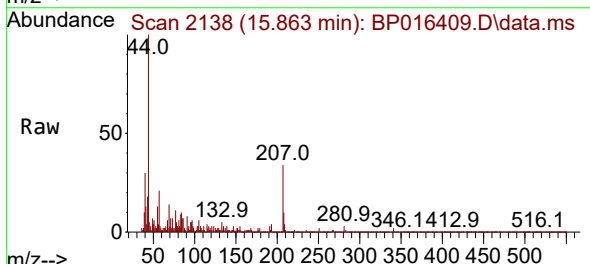
Tgt Ion:198 Resp: 8

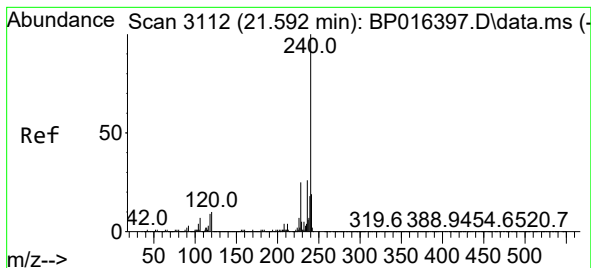
Ion Ratio Lower Upper

198 100

51 2270.6 20.1 60.1#

105 2358.8 23.1 63.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP016409.D

Acq: 27 Jul 2023 20:14

Instrument :

BNA_P

ClientSampleId :

SB-09-(3-5)

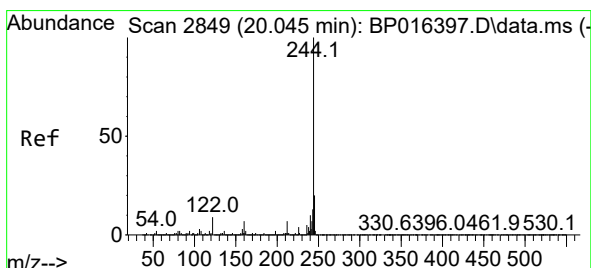
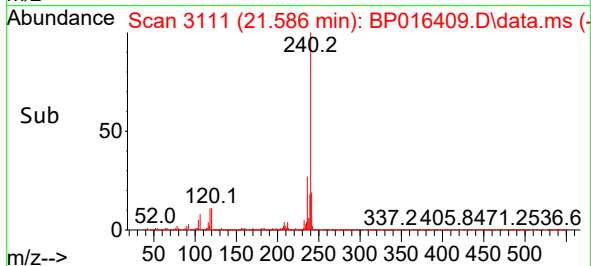
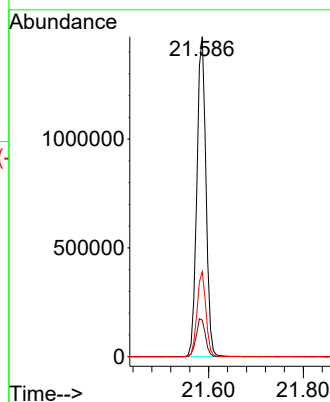
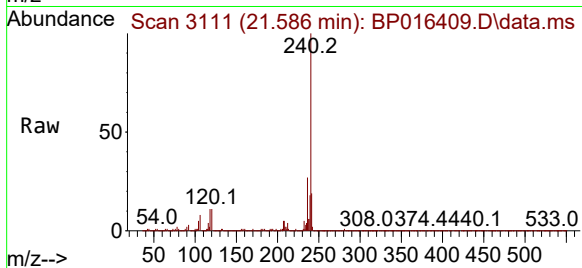
Tgt Ion:240 Resp: 1953995

Ion Ratio Lower Upper

240 100

120 11.4 7.9 11.9

236 26.6 21.1 31.7



#79

Terphenyl-d14

Concen: 74.506 ng

RT: 20.039 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BP016409.D

Acq: 27 Jul 2023 20:14

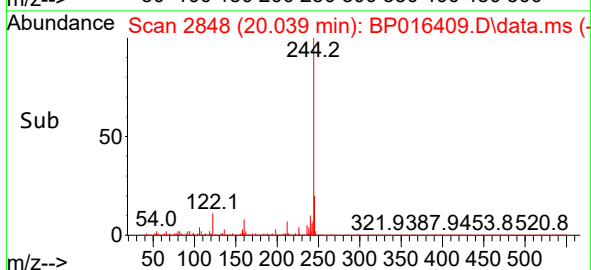
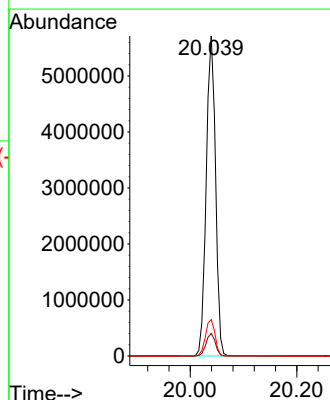
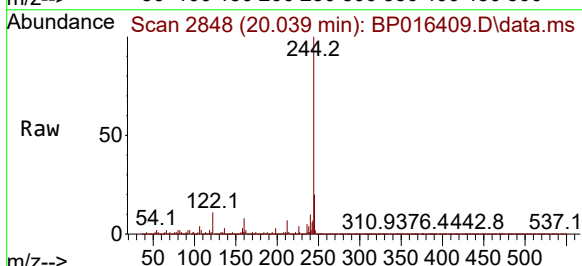
Tgt Ion:244 Resp: 6891808

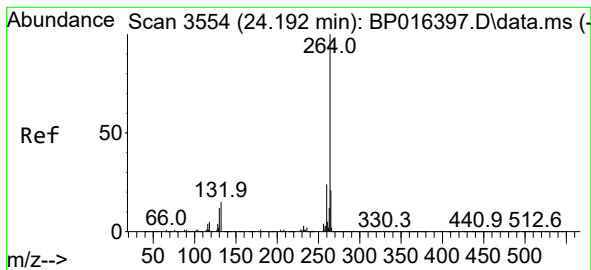
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.4 7.4 11.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.180 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP016409.D
 Acq: 27 Jul 2023 20:14

Instrument :
 BNA_P
 ClientSampleId :
 SB-09-(3-5)

Tgt Ion:264 Resp: 2024021
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 21.4 17.4 26.0

