

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
 Data File : BP016446.D
 Acq On : 01 Aug 2023 09:23
 Operator : MA/JU
 Sample : 03769-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-P39C

Quant Time: Aug 01 15:47:44 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)

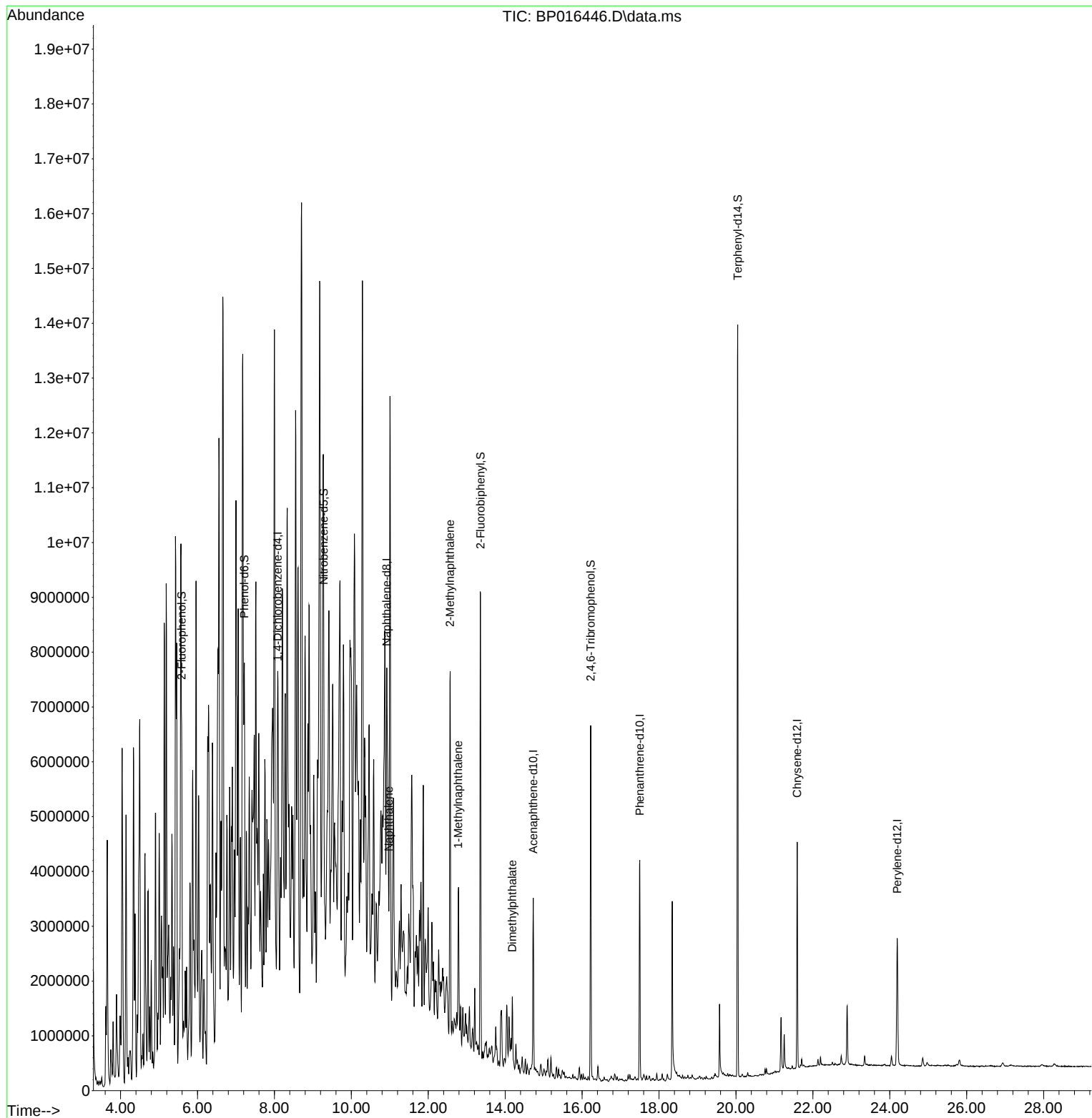
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	377109	20.000	ng	#-0.01
21) Naphthalene-d8	10.916	136	1635064	20.000	ng	#-0.01
39) Acenaphthene-d10	14.728	164	1072445	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	2410579	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1881680	20.000	ng	0.00
86) Perylene-d12	24.192	264	1829666	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	2362196	102.191	ng	-0.02
7) Phenol-d6	7.216	99	3065877	96.765	ng	-0.01
23) Nitrobenzene-d5	9.281	82	1738190	59.509	ng	-0.01
42) 2,4,6-Tribromophenol	16.222	330	1185034	75.110	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	4389412	58.679	ng	0.00
79) Terphenyl-d14	20.045	244	6503334	73.008	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.969	128	863113	10.092	ng	# 93
37) 2-Methylnaphthalene	12.569	142	3184709	51.257	ng	99
38) 1-Methylnaphthalene	12.781	142	1267551	21.761	ng	98
50) Dimethylphthalate	14.186	163	756061	9.047	ng	99

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

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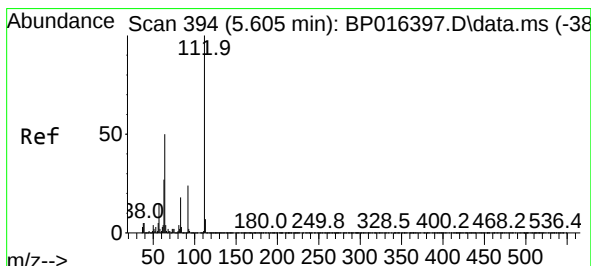
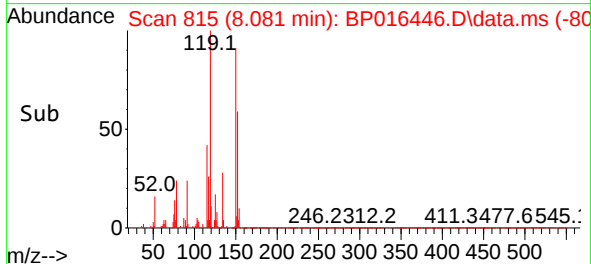
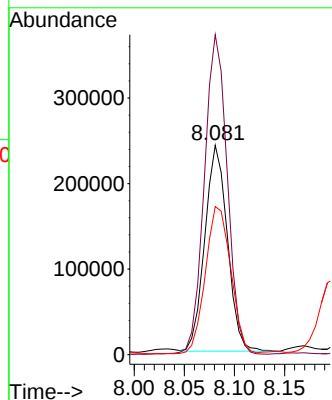
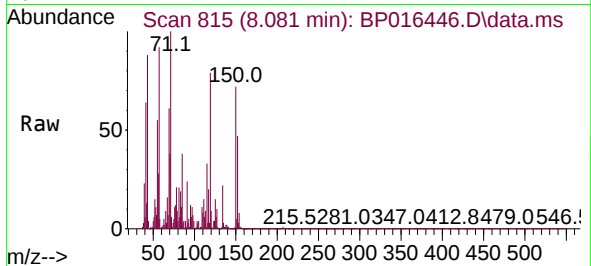




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.081 min Scan# 817
Delta R.T. -0.012 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

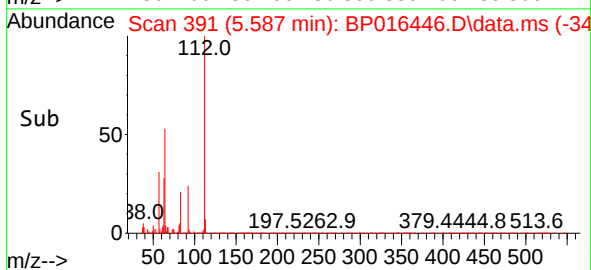
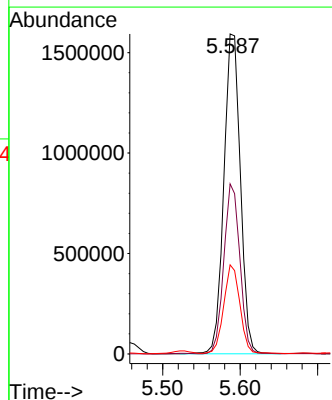
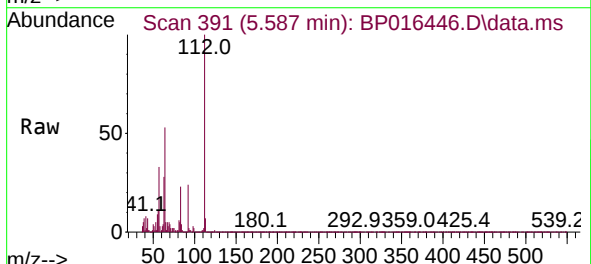
Instrument :
BNA_P
ClientSampleId :
B-P39C

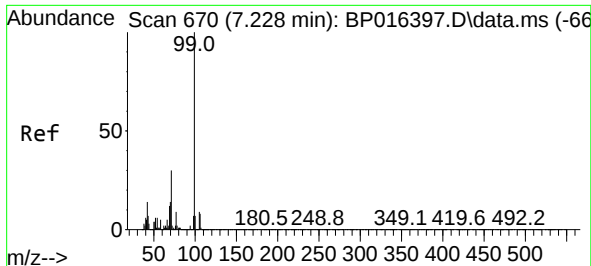
Tgt Ion:152 Resp: 377109
Ion Ratio Lower Upper
152 100
150 152.8 124.9 187.3
115 70.8 46.8 70.2#



#5
2-Fluorophenol
Concen: 102.191 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

Tgt Ion:112 Resp: 2362196
Ion Ratio Lower Upper
112 100
64 53.2 40.0 60.0
63 27.8 21.2 31.8

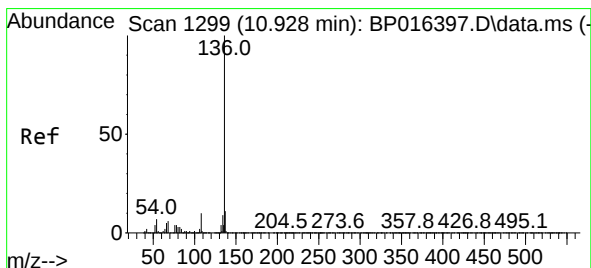
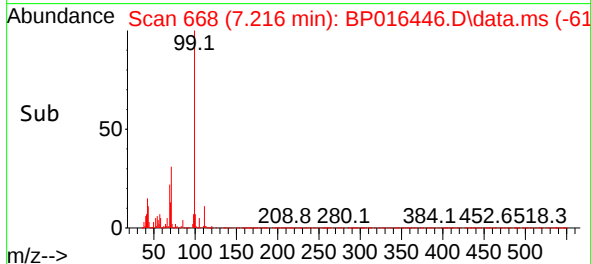
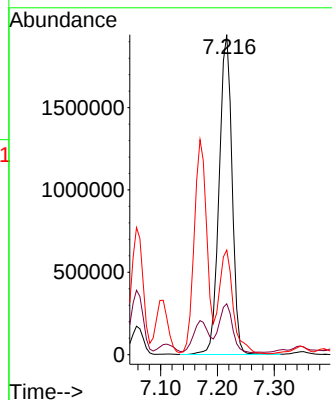
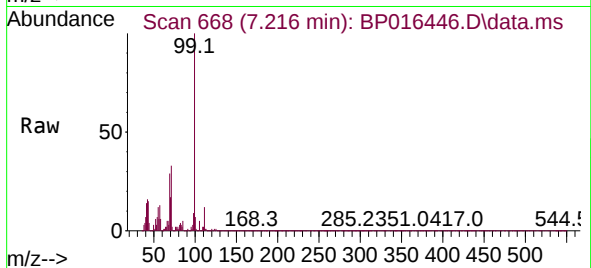




#7
Phenol-d6
Concen: 96.765 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

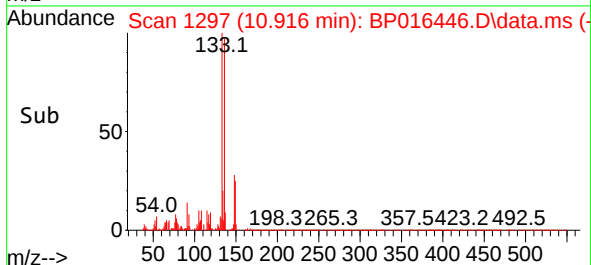
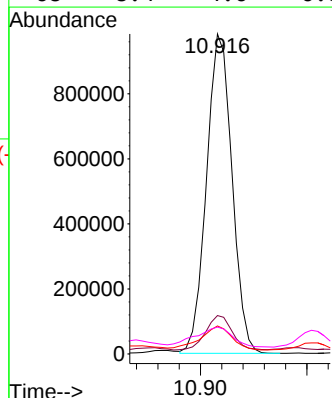
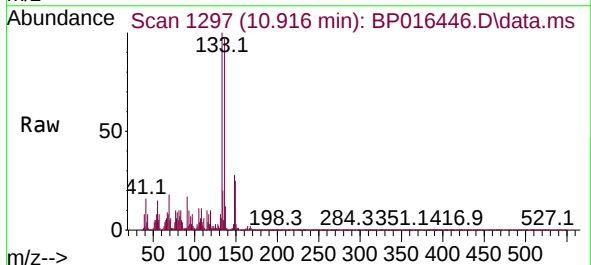
Instrument :
BNA_P
ClientSampleId :
B-P39C

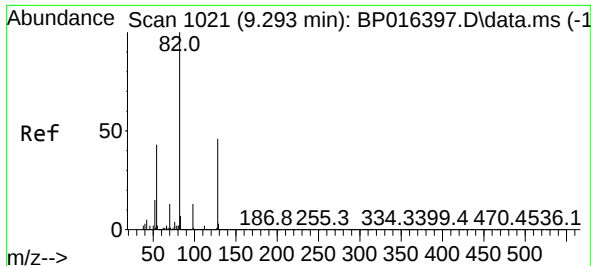
Tgt Ion: 99 Resp: 3065877
Ion Ratio Lower Upper
99 100
42 15.9 11.6 17.4
71 32.7 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

Tgt Ion:136 Resp: 1635064
Ion Ratio Lower Upper
136 100
137 12.0 8.6 13.0
54 8.7 5.6 8.4#
68 8.4 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 59.509 ng

RT: 9.281 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BP016446.D

Acq: 01 Aug 2023 09:23

Instrument :

BNA_P

ClientSampleId :

B-P39C

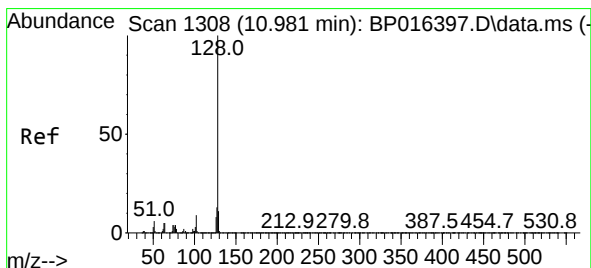
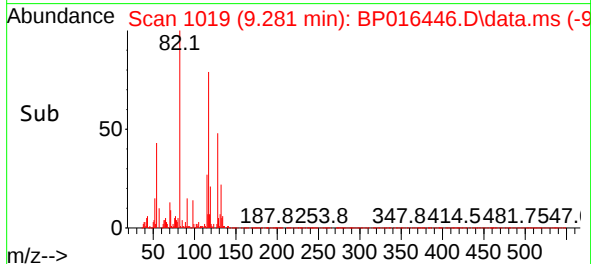
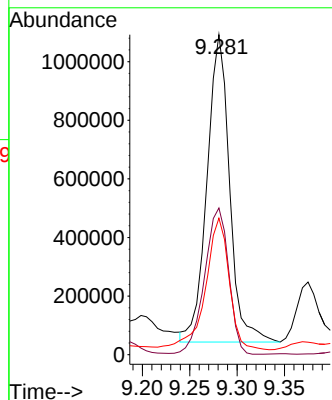
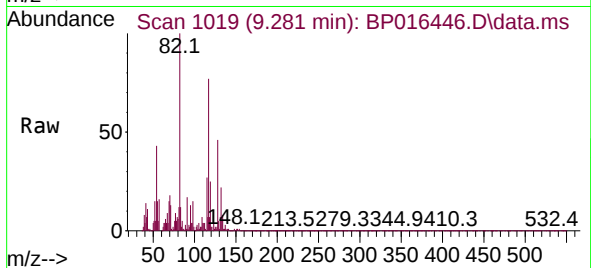
Tgt Ion: 82 Resp: 1738190

Ion Ratio Lower Upper

82 100

128 45.9 36.6 55.0

54 42.6 34.5 51.7



#31

Naphthalene

Concen: 10.092 ng

RT: 10.969 min Scan# 1306

Delta R.T. -0.012 min

Lab File: BP016446.D

Acq: 01 Aug 2023 09:23

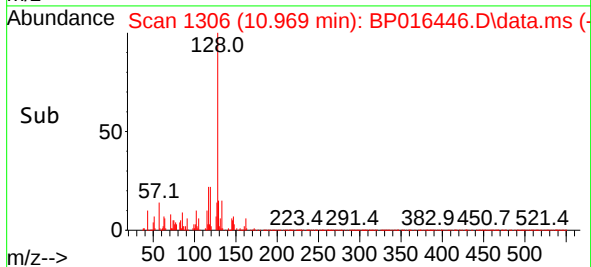
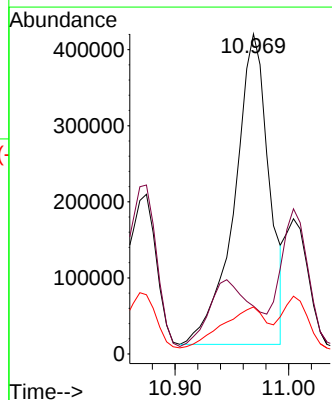
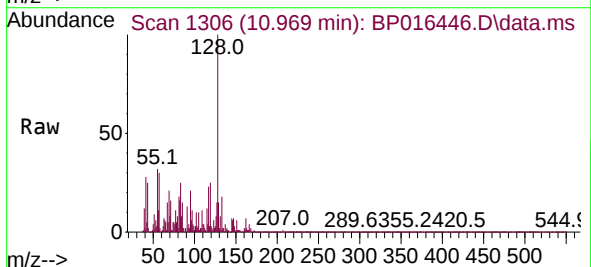
Tgt Ion:128 Resp: 863113

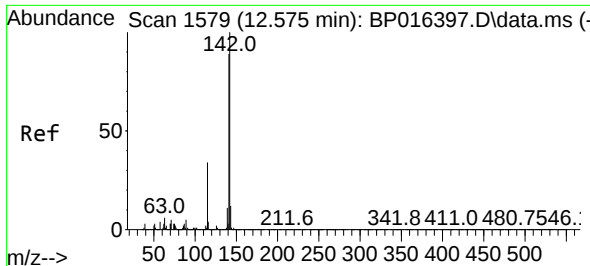
Ion Ratio Lower Upper

128 100

129 15.0 8.6 12.8#

127 14.7 10.4 15.6

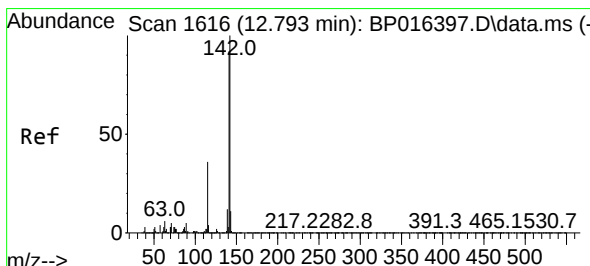
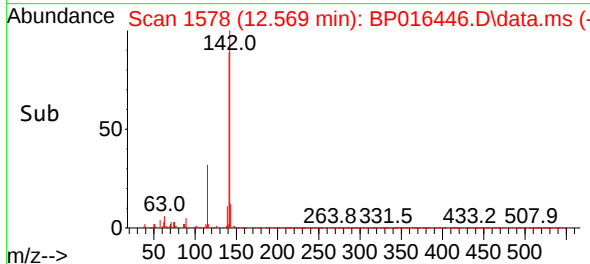
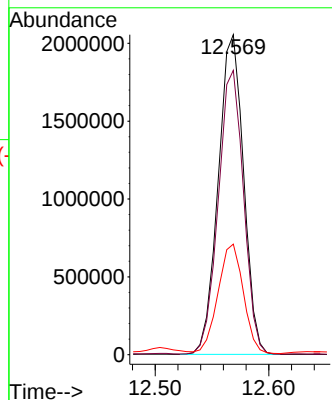
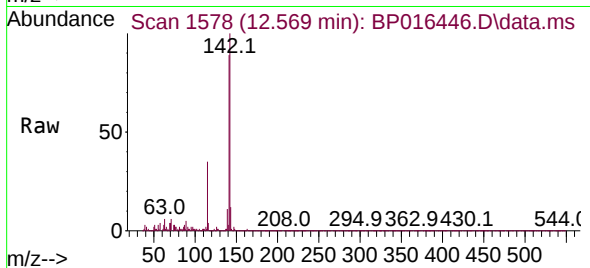




#37
2-Methylnaphthalene
Concen: 51.257 ng
RT: 12.569 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

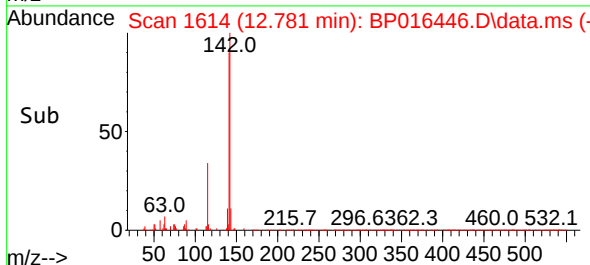
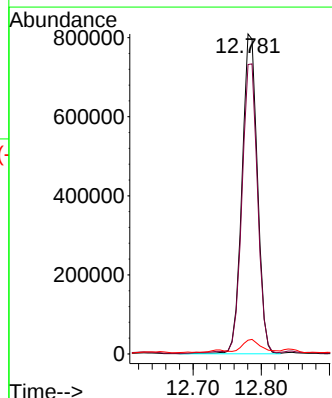
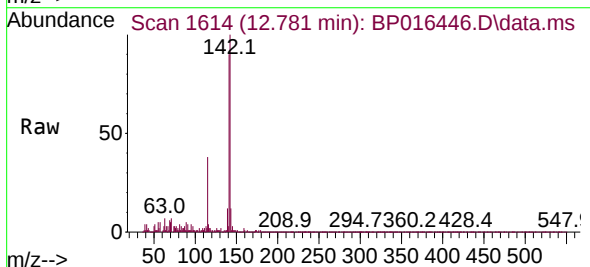
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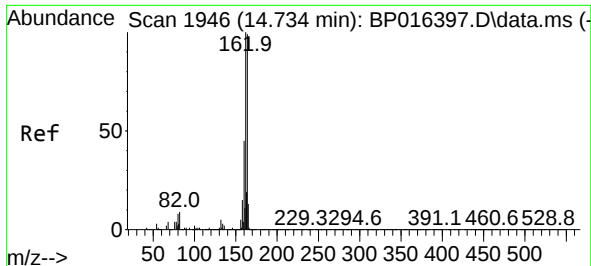
Tgt Ion:142 Resp: 3184709
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2
115 34.5 27.0 40.4



#38
1-Methylnaphthalene
Concen: 21.761 ng
RT: 12.781 min Scan# 1614
Delta R.T. -0.012 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

Tgt Ion:142 Resp: 1267551
Ion Ratio Lower Upper
142 100
141 90.4 73.8 110.6
116 4.3 2.9 4.3

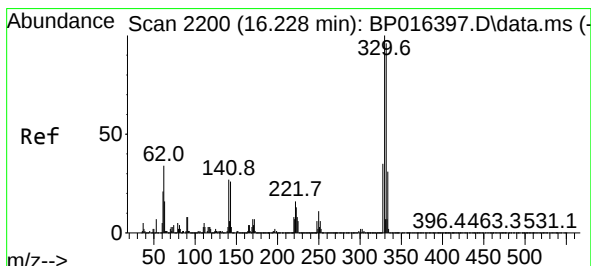
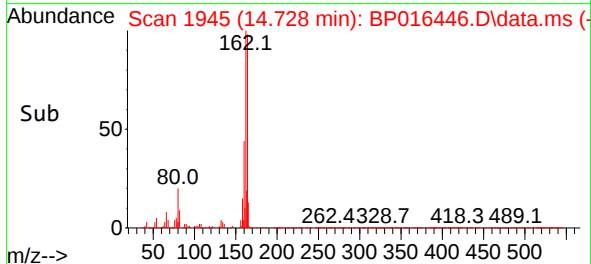
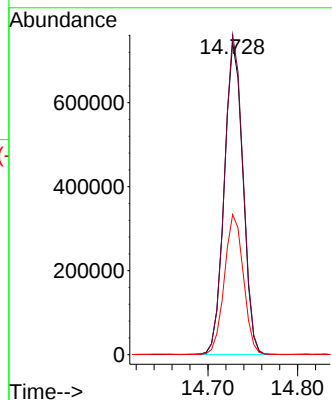
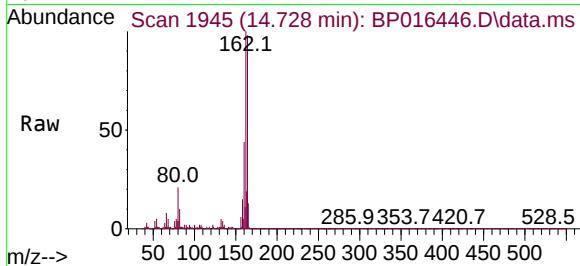




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

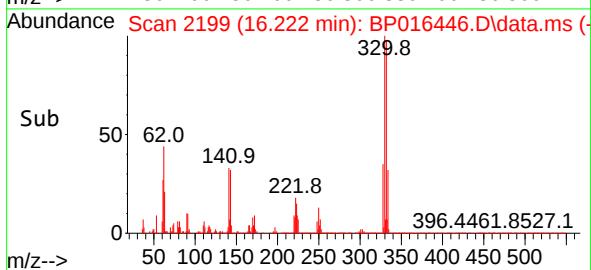
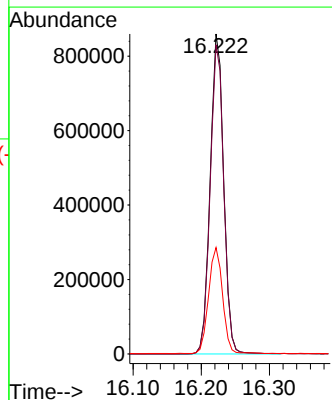
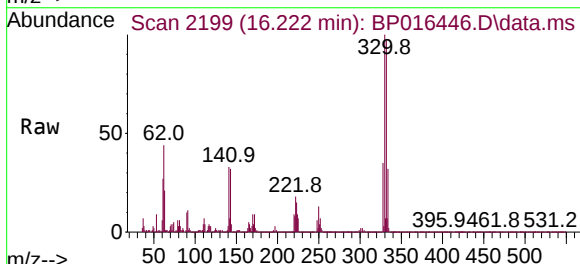
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B-P39C

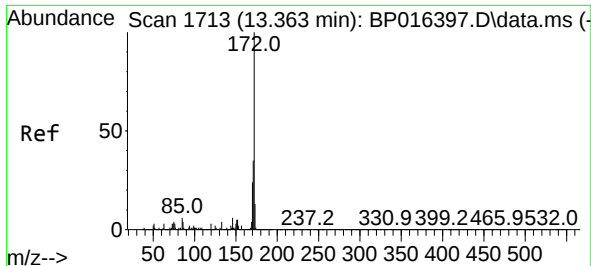
Tgt Ion:164 Resp: 1072445
Ion Ratio Lower Upper
164 100
162 102.5 81.0 121.6
160 44.9 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 75.110 ng
RT: 16.222 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

Tgt Ion:330 Resp: 1185034
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 34.3 22.6 34.0#

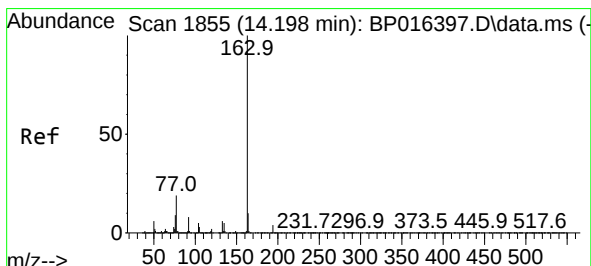
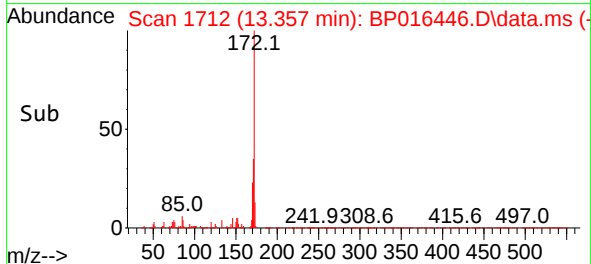
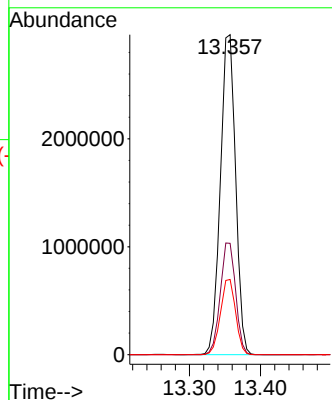
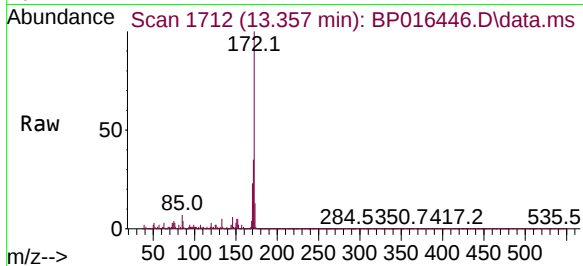




#45
2-Fluorobiphenyl
Concen: 58.679 ng
RT: 13.357 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

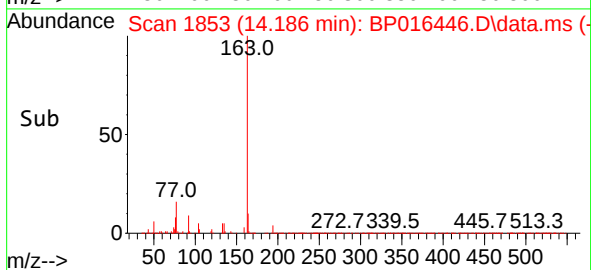
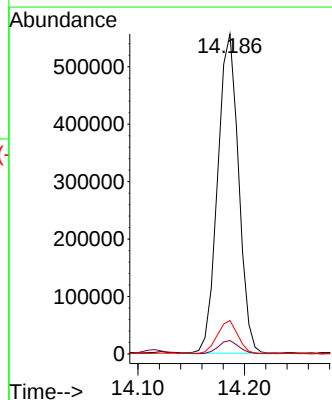
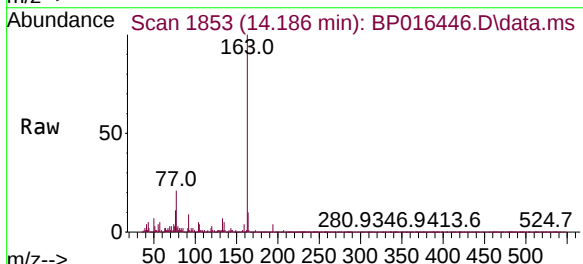
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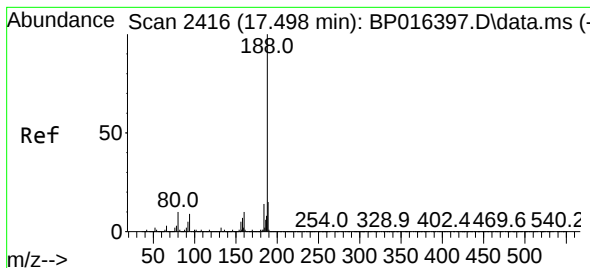
Tgt Ion:172 Resp: 4389412
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.5 19.1 28.7



#50
Dimethylphthalate
Concen: 9.047 ng
RT: 14.186 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

Tgt Ion:163 Resp: 756061
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.5 8.2 12.2

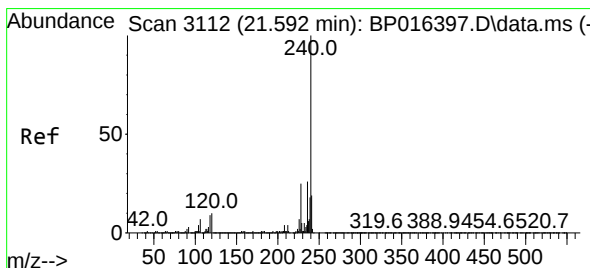
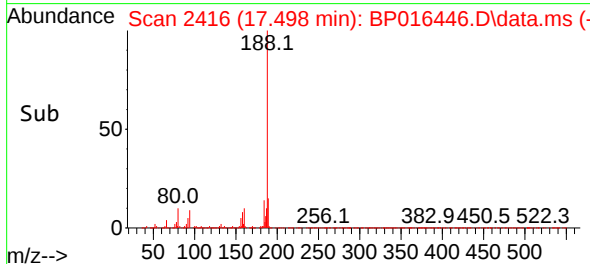
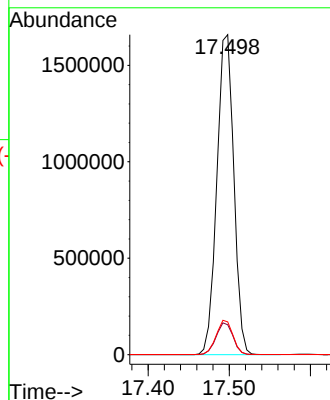
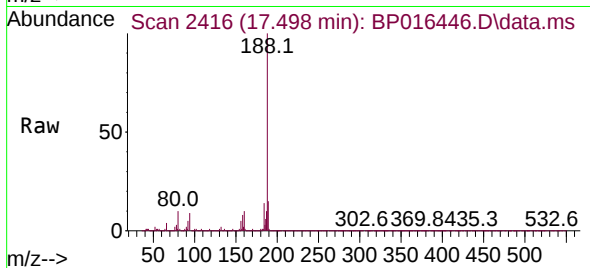




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

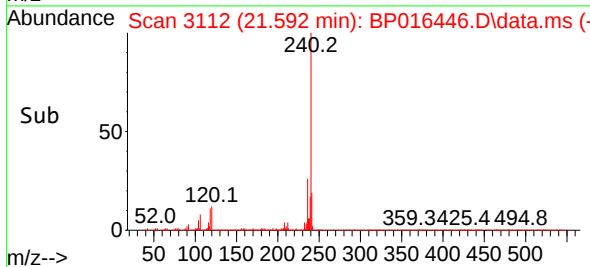
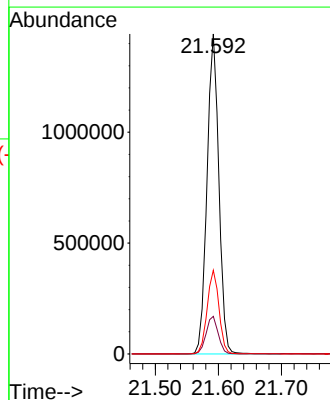
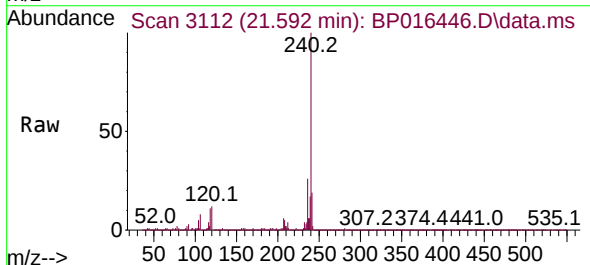
Instrument :
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ClientSampleId :
B-P39C

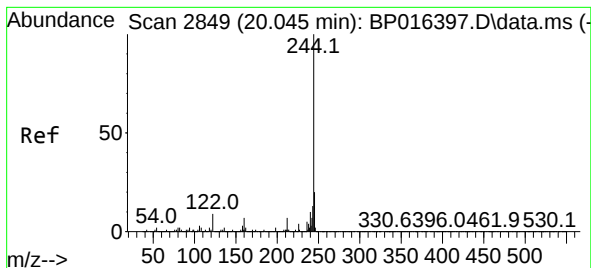
Tgt Ion:188 Resp: 2410579
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.3 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BP016446.D
Acq: 01 Aug 2023 09:23

Tgt Ion:240 Resp: 1881680
Ion Ratio Lower Upper
240 100
120 11.8 7.9 11.9
236 26.2 21.1 31.7





#79

Terphenyl-d14

Concen: 73.008 ng

RT: 20.045 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016446.D

Acq: 01 Aug 2023 09:23

Instrument :

BNA_P

ClientSampleId :

B-P39C

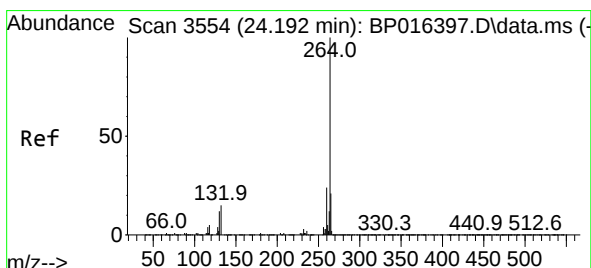
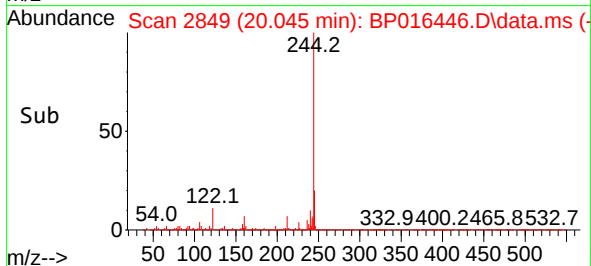
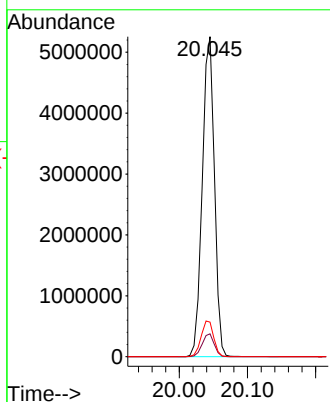
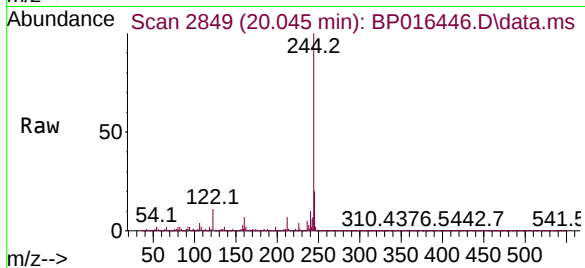
Tgt Ion:244 Resp: 6503334

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 10.8 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.192 min Scan# 3554

Delta R.T. -0.000 min

Lab File: BP016446.D

Acq: 01 Aug 2023 09:23

Tgt Ion:264 Resp: 1829666

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 21.7 17.4 26.0

