

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
 Data File : BP016436.D
 Acq On : 28 Jul 2023 22:33
 Operator : MA/JU
 Sample : 03797-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HANOVER-ST-2

Quant Time: Jul 29 00:44:33 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)

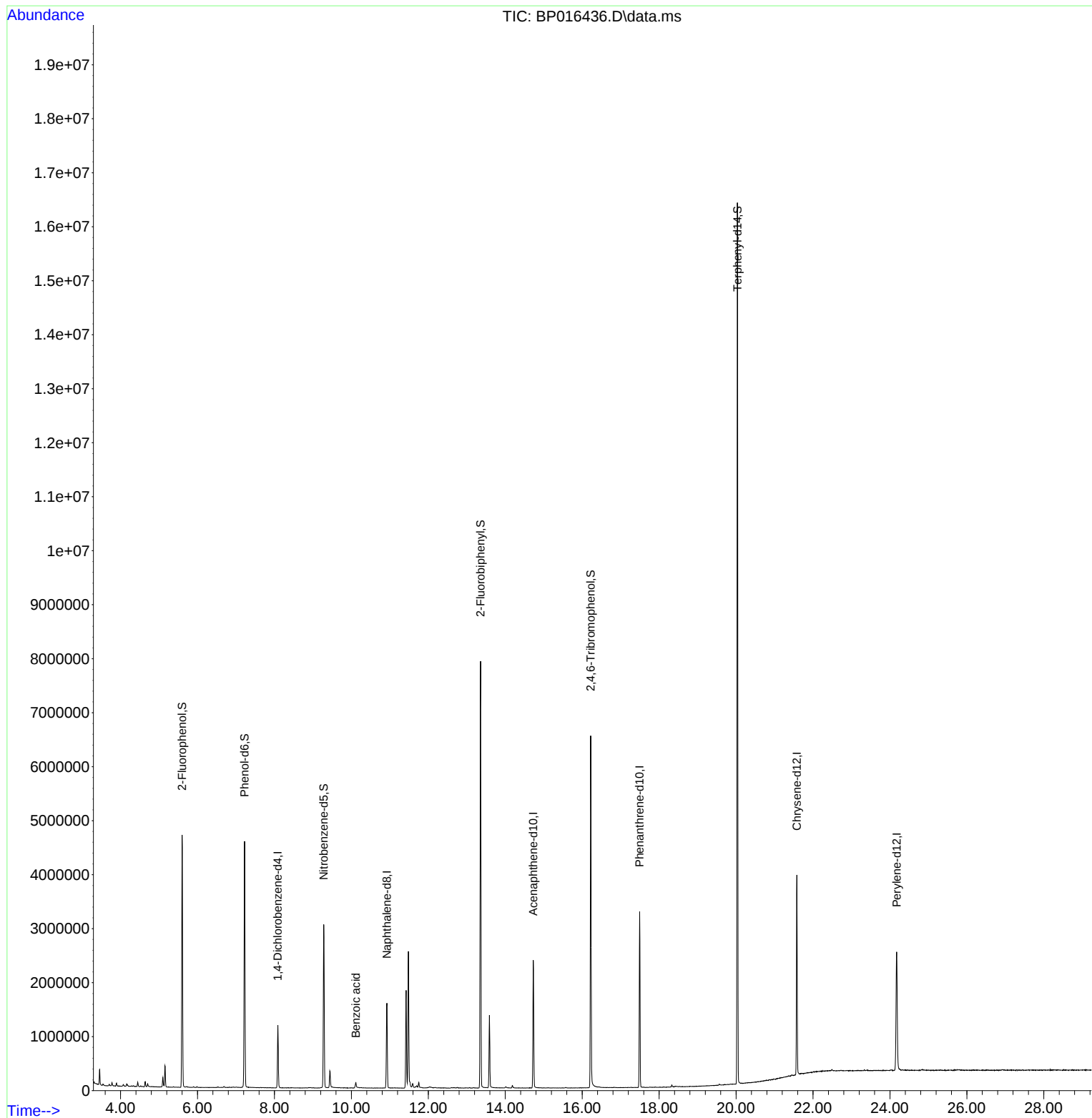
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	310679	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1301427	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	780757	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	1815695	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1675213	20.000	ng	-0.01
86) Perylene-d12	24.174	264	1740041	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	2097520	110.143	ng	0.00
7) Phenol-d6	7.222	99	2648311	101.458	ng	0.00
23) Nitrobenzene-d5	9.281	82	1718612	73.923	ng	-0.01
42) 2,4,6-Tribromophenol	16.222	330	1153384	100.416	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	3931368	72.190	ng	0.00
79) Terphenyl-d14	20.034	244	7692213	96.998	ng	-0.01
Target Compounds						
32) Benzoic acid	10.116	122	40798	8.860	ng	Qvalue 92

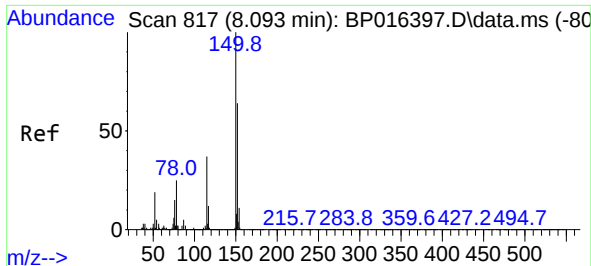
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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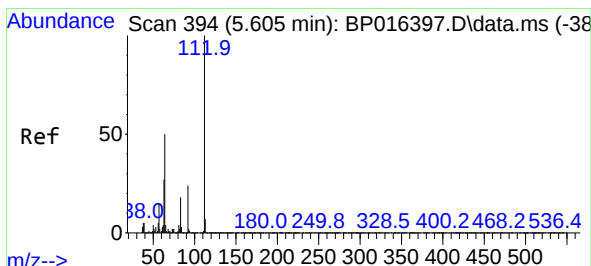
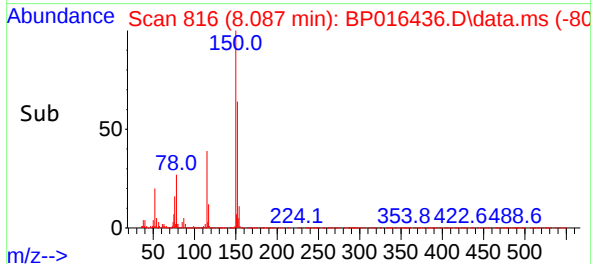
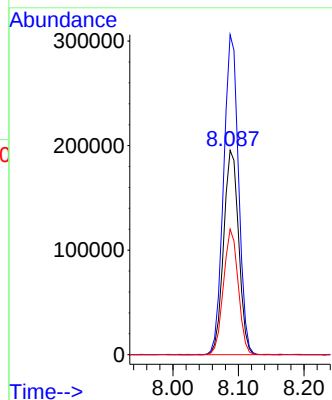
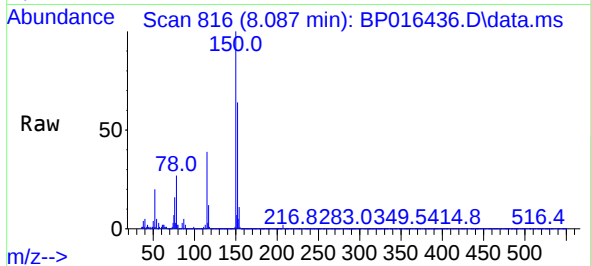




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

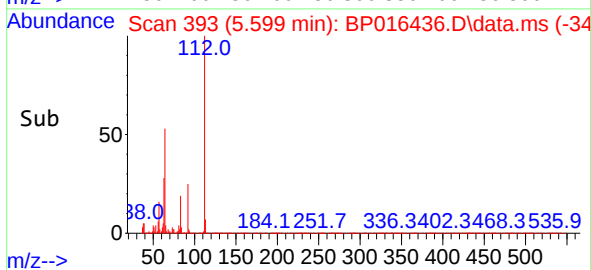
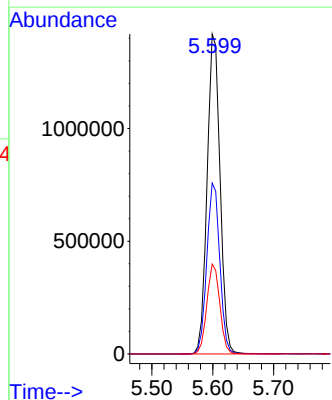
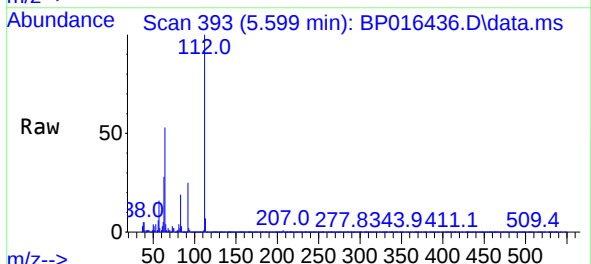
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BNA_P
ClientSampleId :
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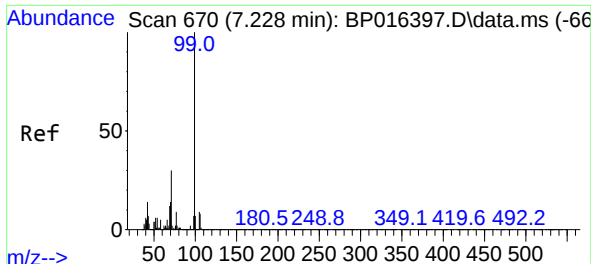
Tgt Ion:152 Resp: 310679
Ion Ratio Lower Upper
152 100
150 156.7 124.9 187.3
115 61.5 46.8 70.2



#5
2-Fluorophenol
Concen: 110.143 ng
RT: 5.599 min Scan# 393
Delta R.T. -0.006 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

Tgt Ion:112 Resp: 2097520
Ion Ratio Lower Upper
112 100
64 53.4 40.0 60.0
63 28.1 21.2 31.8

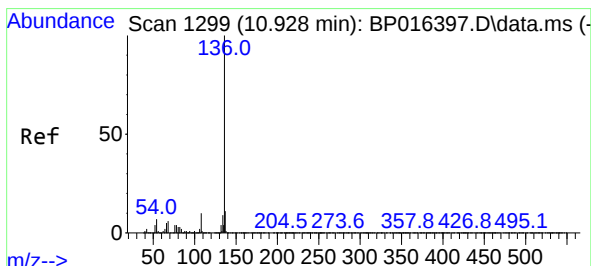
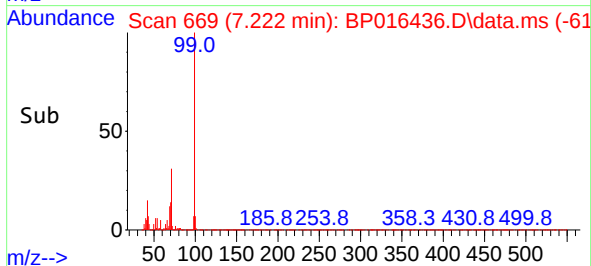
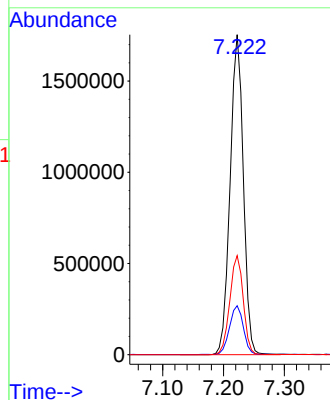
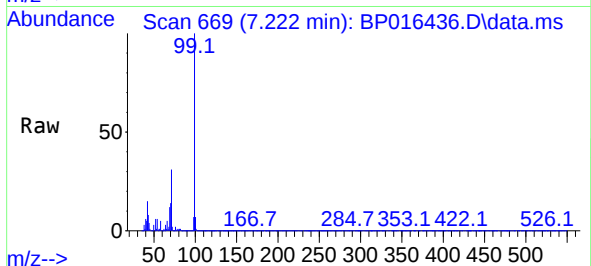




#7
Phenol-d6
Concen: 101.458 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

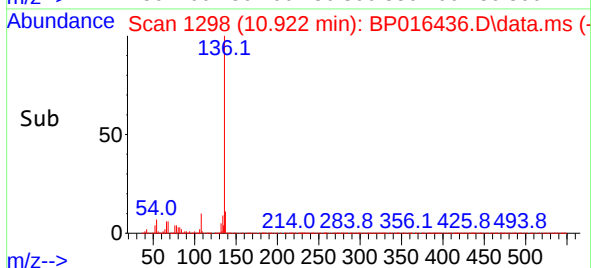
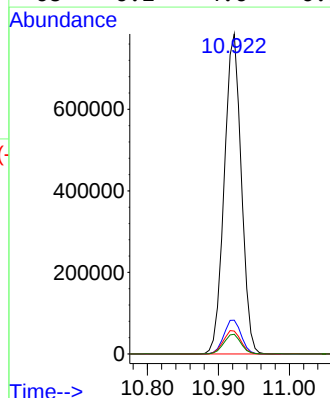
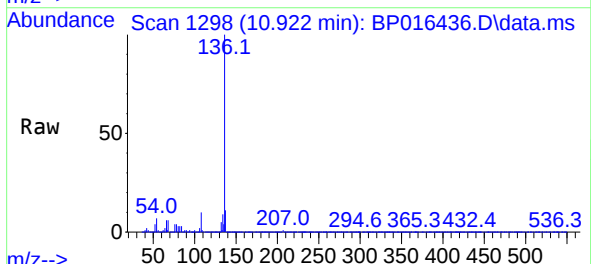
Instrument :
BNA_P
ClientSampleId :
HANOVER-ST-2

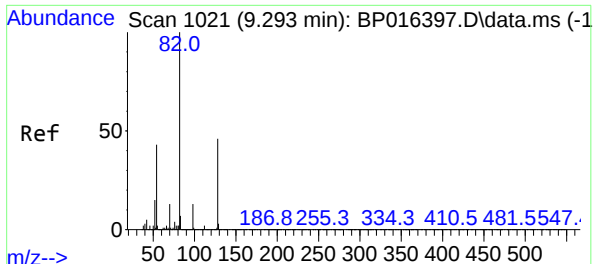
Tgt Ion: 99 Resp: 2648311
Ion Ratio Lower Upper
99 100
42 15.3 11.6 17.4
71 31.0 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

Tgt Ion:136 Resp: 1301427
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.2 5.6 8.4
68 6.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 73.923 ng

RT: 9.281 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP016436.D

Acq: 28 Jul 2023 22:33

Instrument :

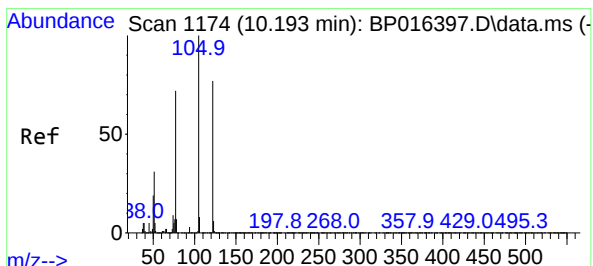
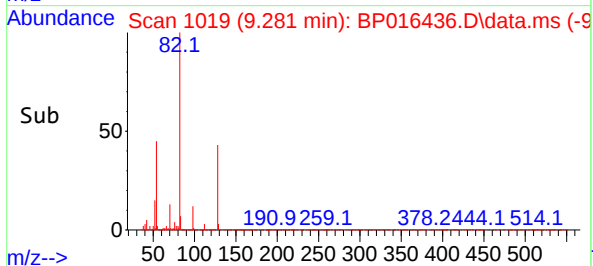
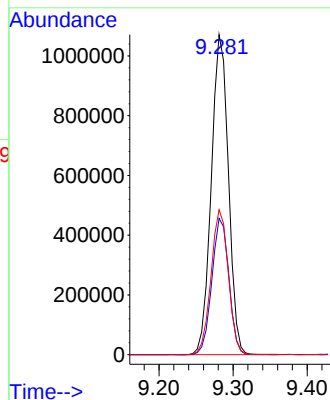
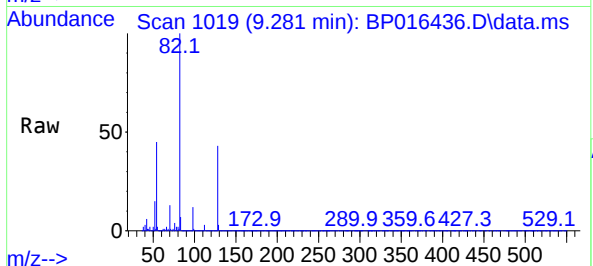
BNA_P

ClientSampleId :

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Tgt Ion: 82 Resp: 1718612

Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.6	55.0
54	45.3	34.5	51.7



#32

Benzoic acid

Concen: 8.860 ng

RT: 10.116 min Scan# 1161

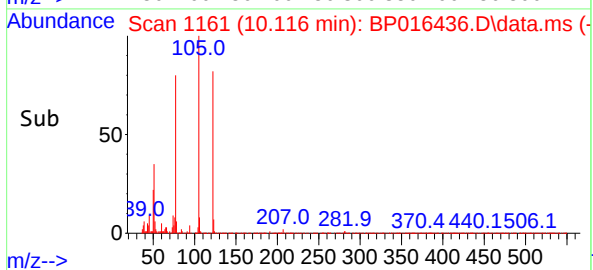
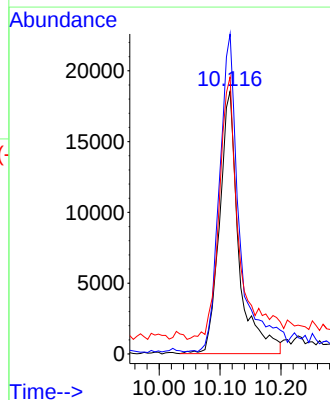
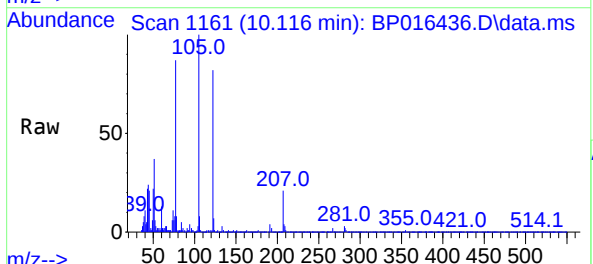
Delta R.T. -0.077 min

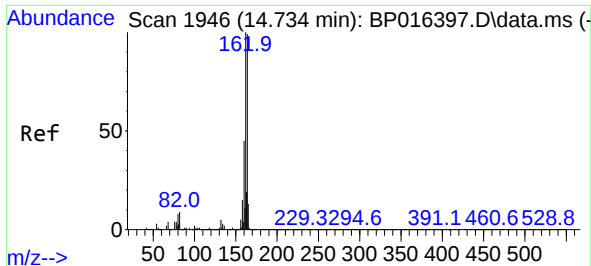
Lab File: BP016436.D

Acq: 28 Jul 2023 22:33

Tgt Ion: 122 Resp: 40798

Ion	Ratio	Lower	Upper
122	100		
105	121.8	105.2	145.2
77	105.5	72.2	112.2

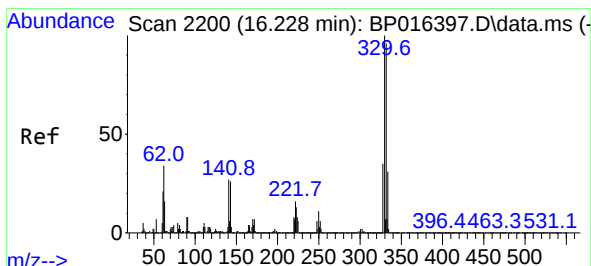
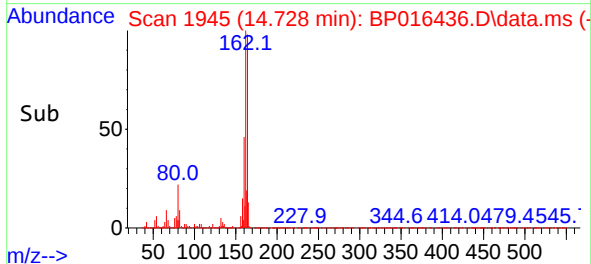
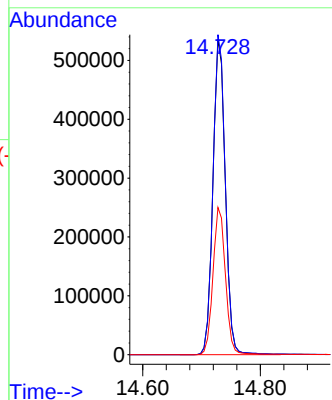
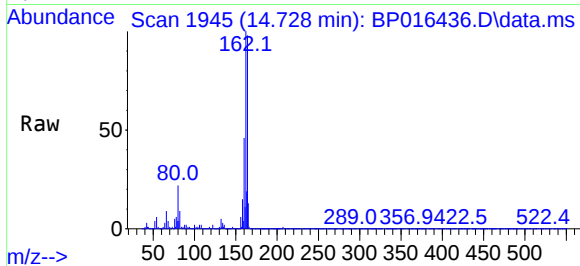




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

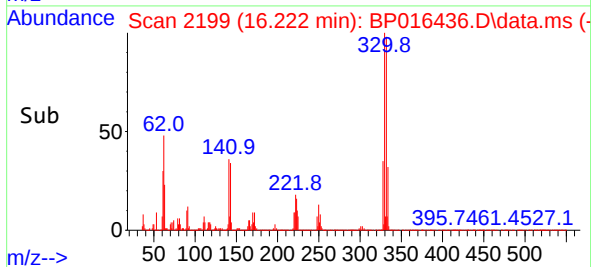
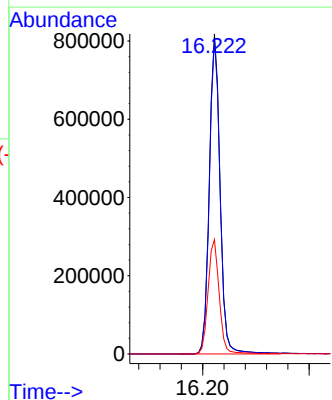
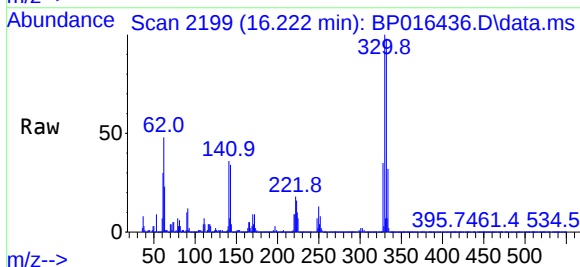
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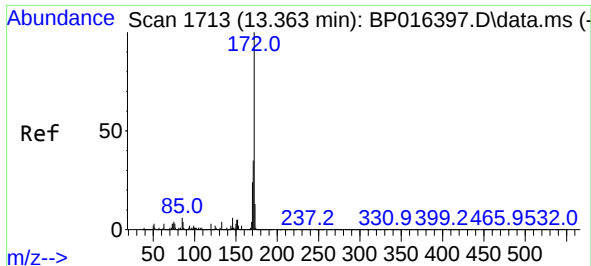
Tgt Ion:164 Resp: 780757
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.6
160 46.7 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 100.416 ng
RT: 16.222 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

Tgt Ion:330 Resp: 1153384
Ion Ratio Lower Upper
330 100
332 98.0 77.8 116.8
141 37.2 22.6 34.0#

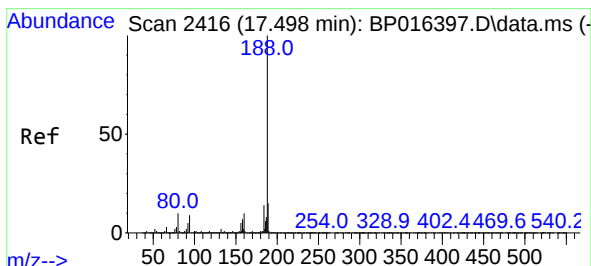
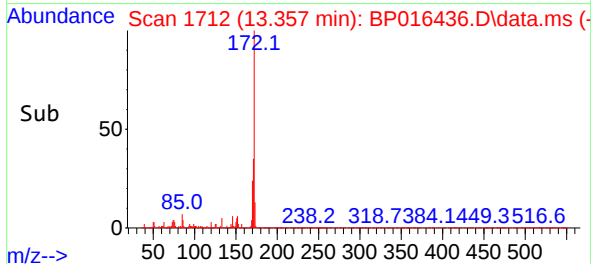
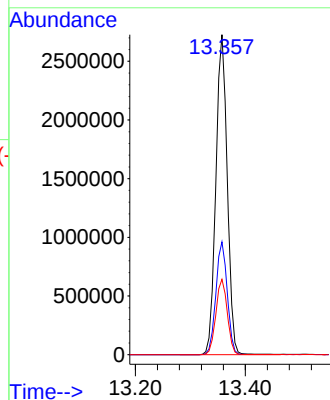
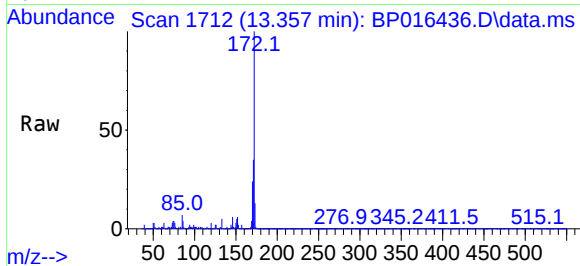




#45
2-Fluorobiphenyl
Concen: 72.190 ng
RT: 13.357 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

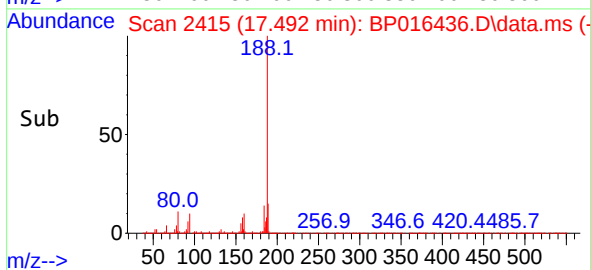
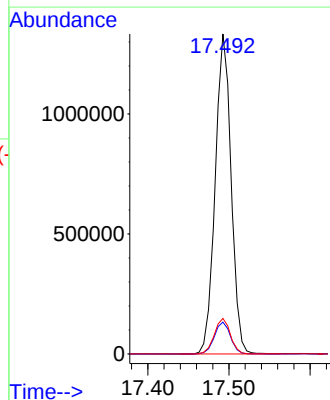
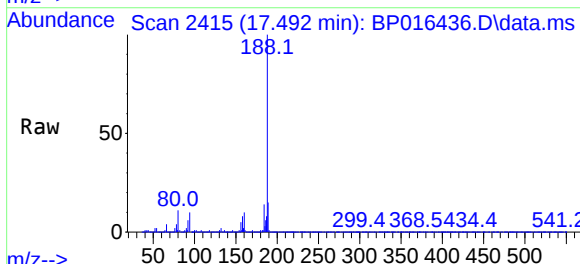
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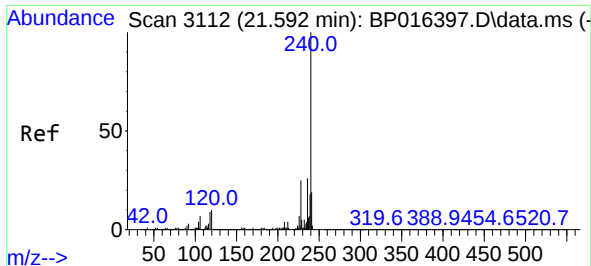
Tgt Ion:172 Resp: 3931368
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.5 19.1 28.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

Tgt Ion:188 Resp: 1815695
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.0
80 11.1 7.8 11.8

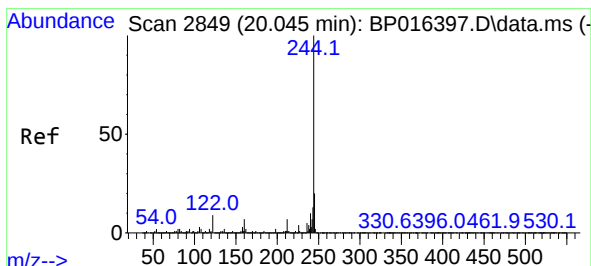
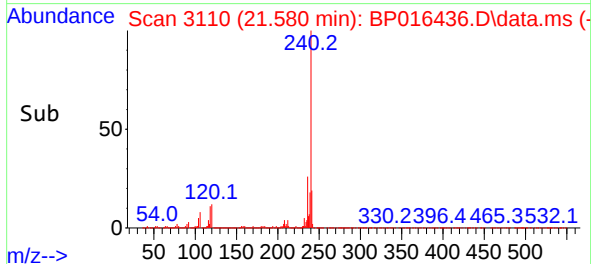
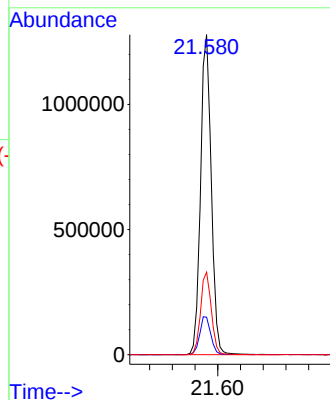
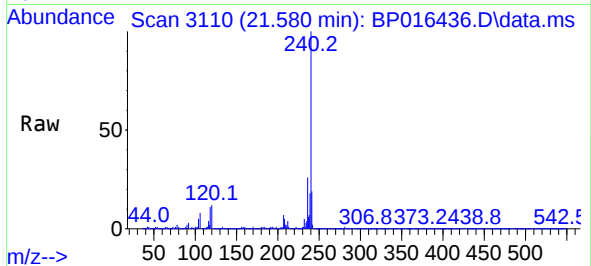




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

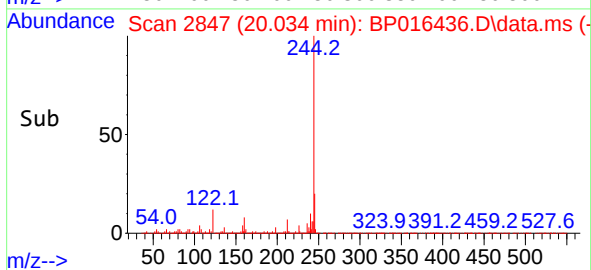
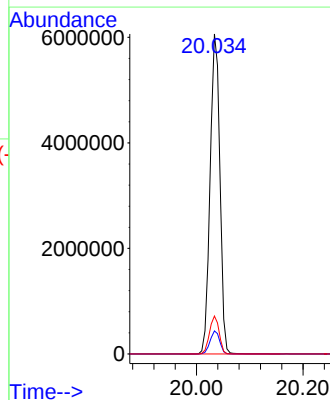
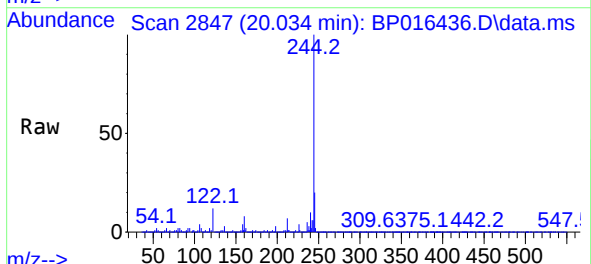
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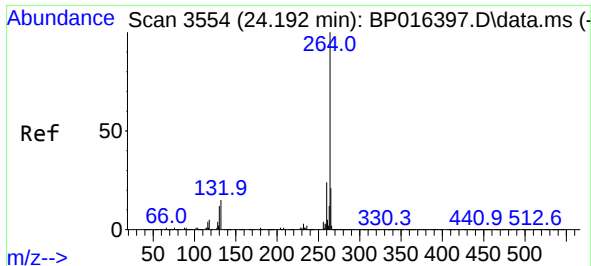
Tgt Ion:240 Resp: 1675213
Ion Ratio Lower Upper
240 100
120 11.7 7.9 11.9
236 25.8 21.1 31.7



#79
Terphenyl-d14
Concen: 96.998 ng
RT: 20.034 min Scan# 2847
Delta R.T. -0.012 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

Tgt Ion:244 Resp: 7692213
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 11.8 7.4 11.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.174 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP016436.D
 Acq: 28 Jul 2023 22:33

Instrument :
 BNA_P
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Tgt Ion:264 Resp: 1740041
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 22.0 17.4 26.0

