

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
 Data File : BP016437.D
 Acq On : 28 Jul 2023 23:07
 Operator : MA/JU
 Sample : 03797-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HANOVER-ST-1

Quant Time: Jul 29 00:45:31 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)

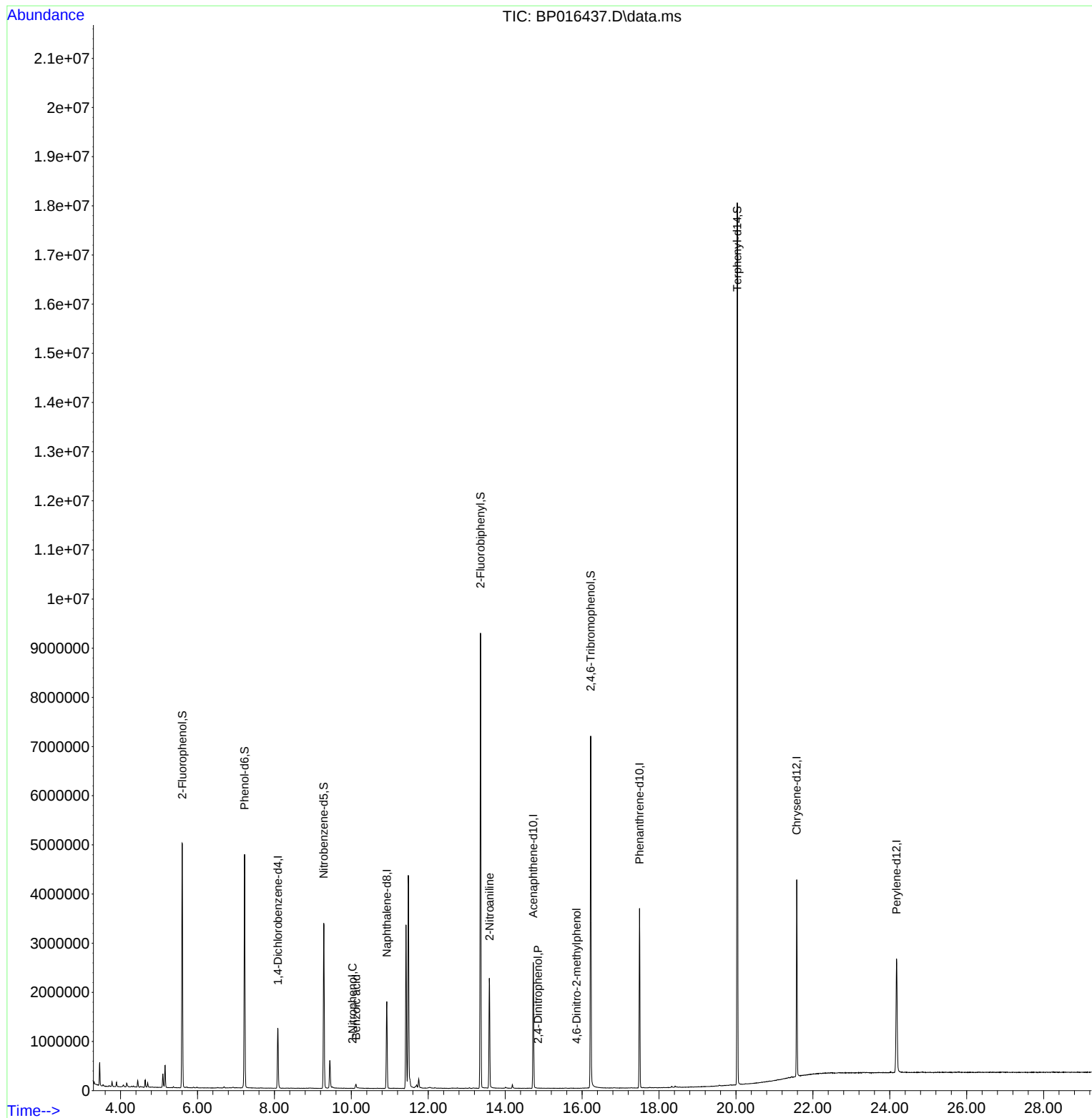
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	335332	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1420871	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	868708	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	1998970	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1785908	20.000	ng	#-0.01
86) Perylene-d12	24.174	264	1790690	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	2266187	110.252	ng	0.00
7) Phenol-d6	7.222	99	2831492	100.501	ng	0.00
23) Nitrobenzene-d5	9.281	82	1970794	77.644	ng	-0.01
42) 2,4,6-Tribromophenol	16.222	330	1273868	99.677	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	4586053	75.686	ng	0.00
79) Terphenyl-d14	20.033	244	8321850	98.433	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.222	77	6052	Below Cal	#	7
26) 2-Nitrophenol	10.034	139	34	3.128 ng	#	1
32) Benzoic acid	10.122	122	36691	8.406 ng		97
48) 2-Nitroaniline	13.593	65	39498	2.805 ng	#	11
54) 2,4-Dinitrophenol	14.851	184	28	8.006 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.857	198	16	6.303 ng	#	1

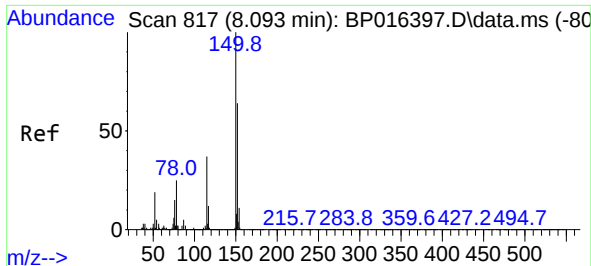
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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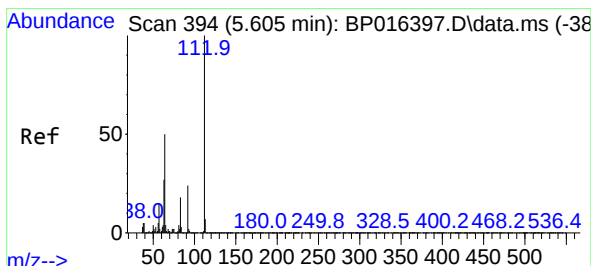
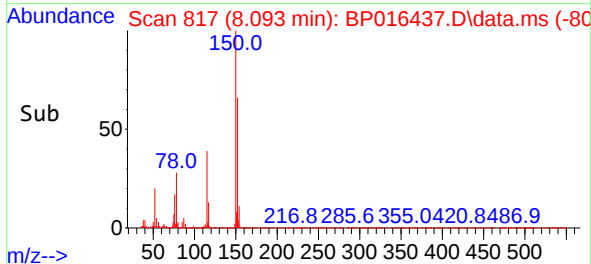
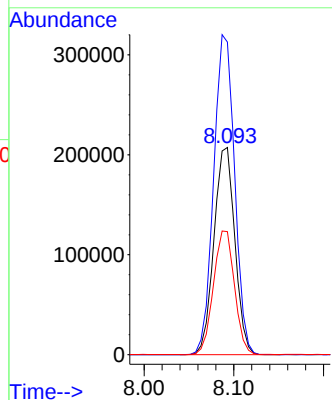
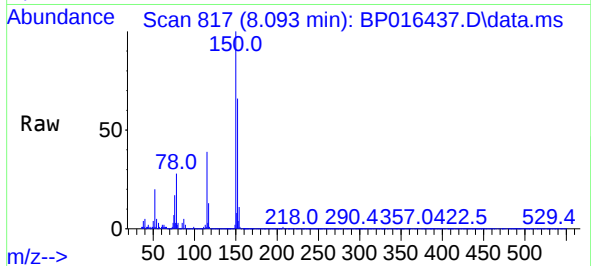




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP016437.D
Acq: 28 Jul 2023 23:07

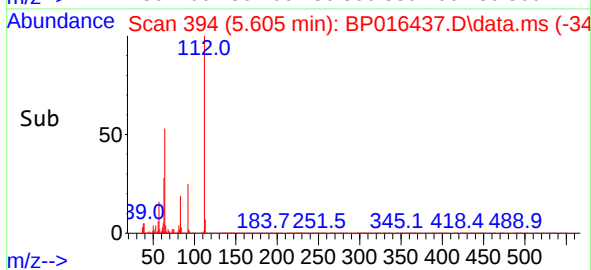
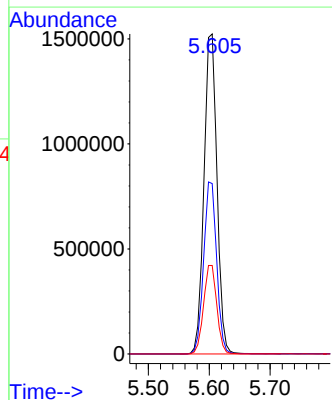
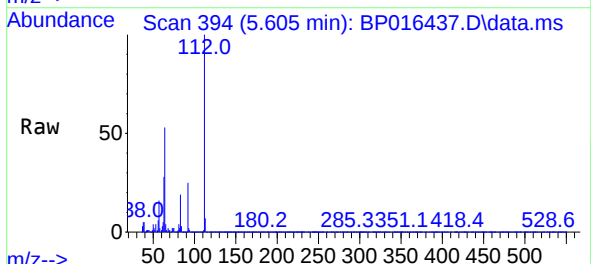
Instrument :
BNA_P
ClientSampleId :
HANOVER-ST-1

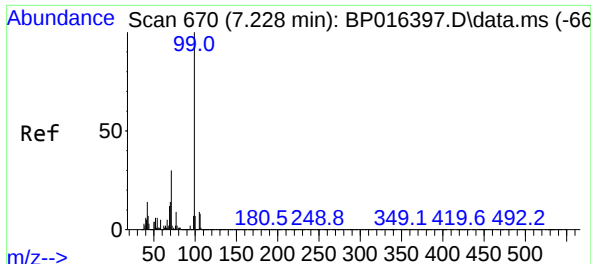
Tgt Ion:152 Resp: 335332
Ion Ratio Lower Upper
152 100
150 150.9 124.9 187.3
115 59.4 46.8 70.2



#5
2-Fluorophenol
Concen: 110.252 ng
RT: 5.605 min Scan# 394
Delta R.T. -0.000 min
Lab File: BP016437.D
Acq: 28 Jul 2023 23:07

Tgt Ion:112 Resp: 2266187
Ion Ratio Lower Upper
112 100
64 53.2 40.0 60.0
63 27.6 21.2 31.8



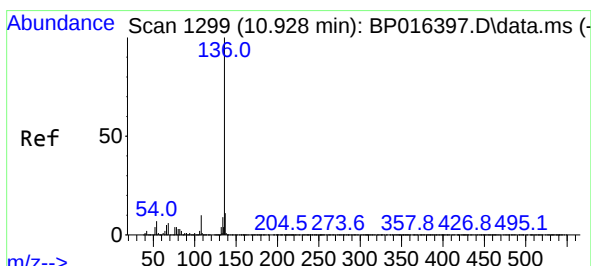
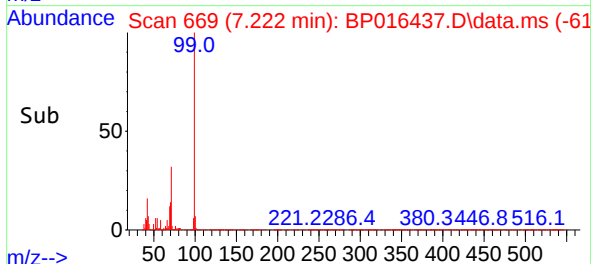
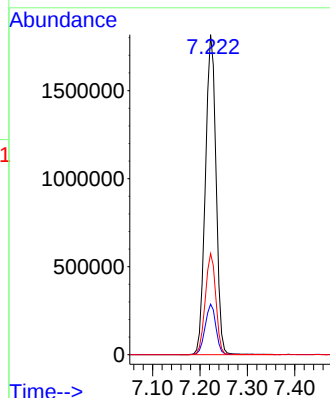
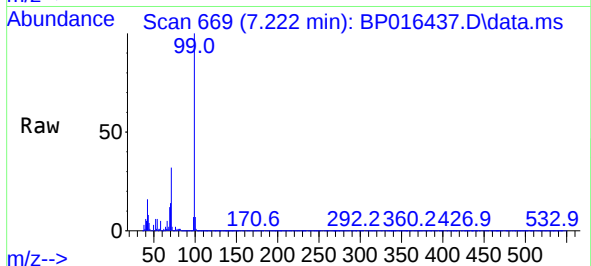


#7
Phenol-d6
Concen: 100.501 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP016437.D
Acq: 28 Jul 2023 23:07

Instrument :
BNA_P
ClientSampleId :
HANOVER-ST-1

Tgt Ion: 99 Resp: 2831492

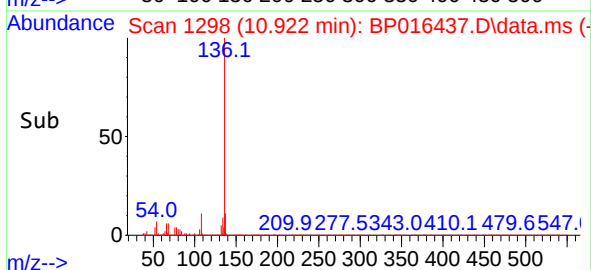
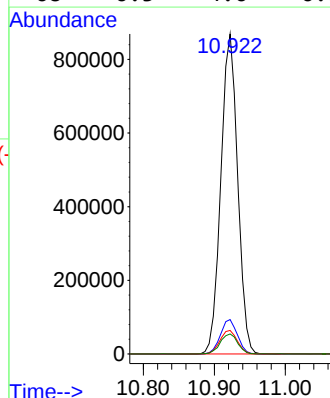
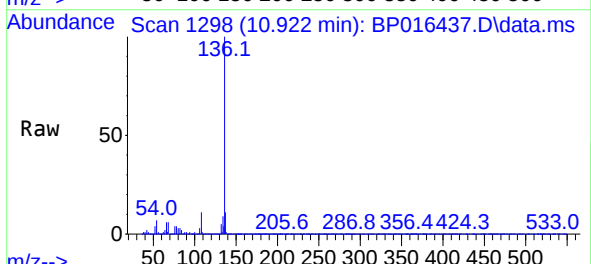
Ion	Ratio	Lower	Upper
99	100		
42	15.8	11.6	17.4
71	31.6	24.3	36.5

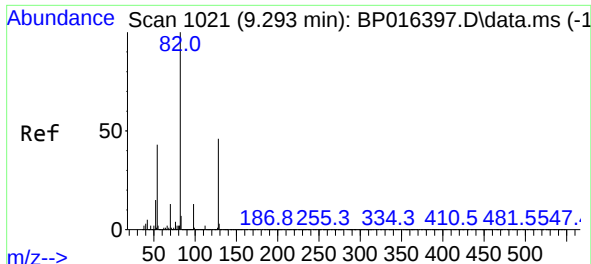


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP016437.D
Acq: 28 Jul 2023 23:07

Tgt Ion:136 Resp: 1420871

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.4	5.6	8.4
68	6.3	4.6	6.8





#23

Nitrobenzene-d5

Concen: 77.644 ng

RT: 9.281 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BP016437.D

Acq: 28 Jul 2023 23:07

Instrument :

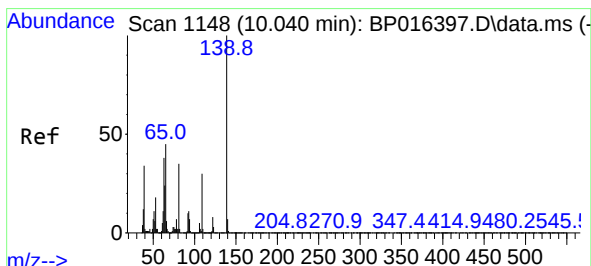
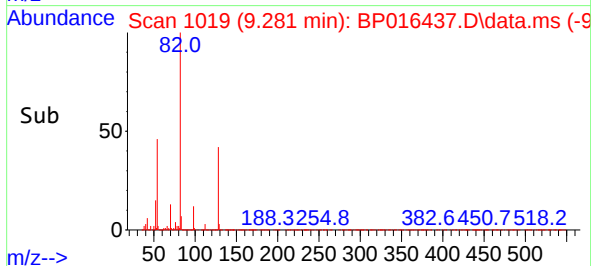
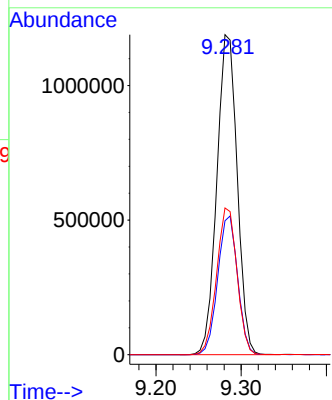
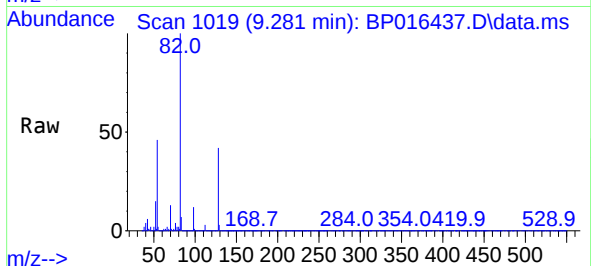
BNA_P

ClientSampleId :

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Tgt Ion: 82 Resp: 1970794

Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.6	55.0
54	45.9	34.5	51.7



#26

2-Nitrophenol

Concen: 3.128 ng

RT: 10.034 min Scan# 1147

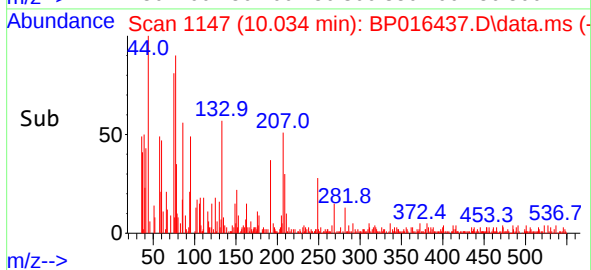
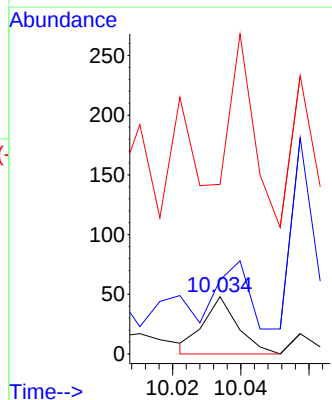
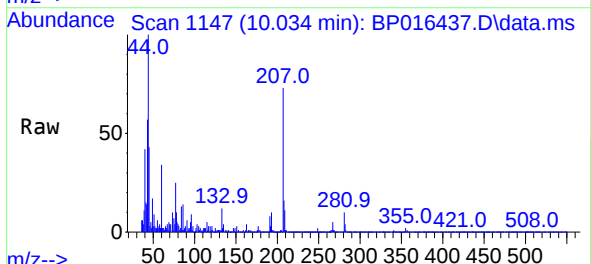
Delta R.T. -0.006 min

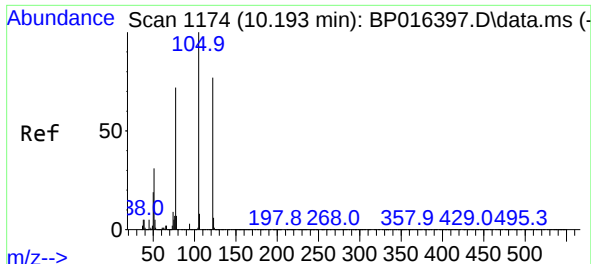
Lab File: BP016437.D

Acq: 28 Jul 2023 23:07

Tgt Ion: 139 Resp: 34

Ion	Ratio	Lower	Upper
139	100		
109	129.2	24.2	36.4#
65	295.8	35.8	53.6#

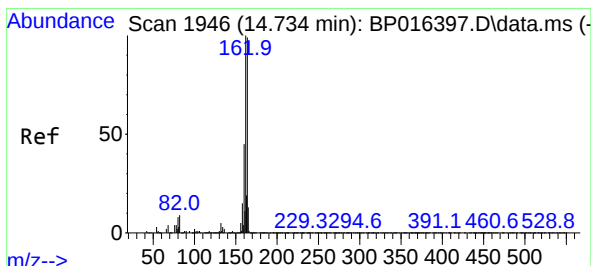
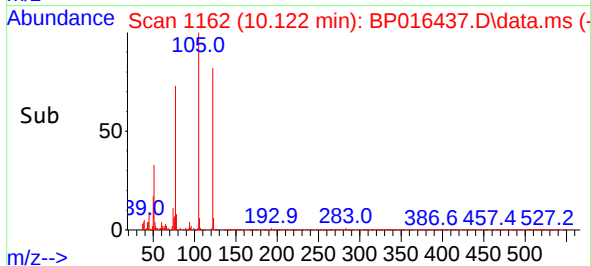
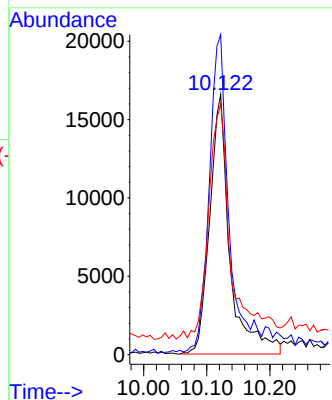
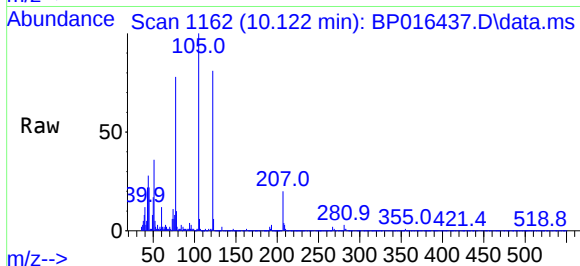




#32
Benzoic acid
Concen: 8.406 ng
RT: 10.122 min Scan# 1162
Delta R.T. -0.071 min
Lab File: BP016437.D
Acq: 28 Jul 2023 23:07

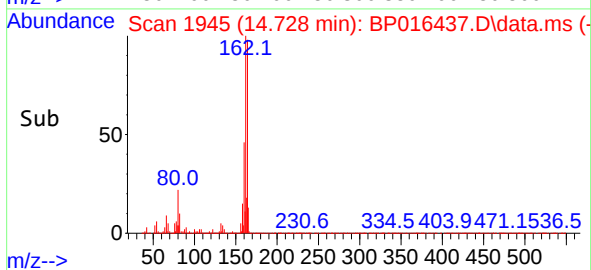
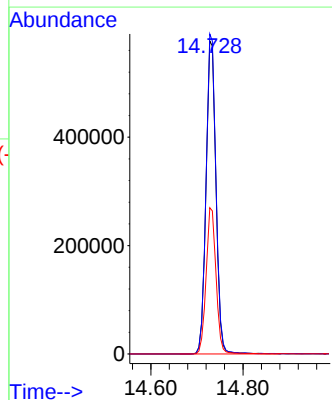
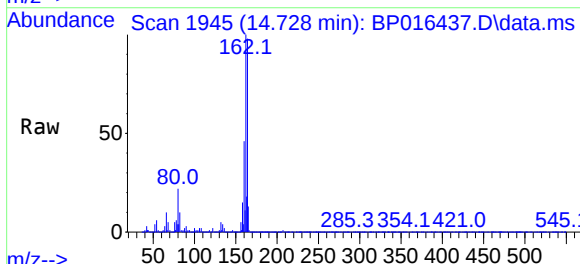
Instrument :
BNA_P
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HANOVER-ST-1

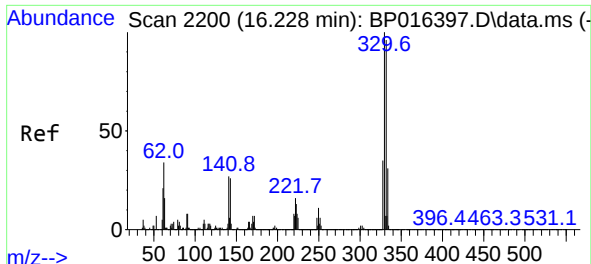
Tgt Ion:122 Resp: 36691
Ion Ratio Lower Upper
122 100
105 122.9 105.2 145.2
77 96.4 72.2 112.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP016437.D
Acq: 28 Jul 2023 23:07

Tgt Ion:164 Resp: 868708
Ion Ratio Lower Upper
164 100
162 102.2 81.0 121.6
160 46.7 36.6 55.0

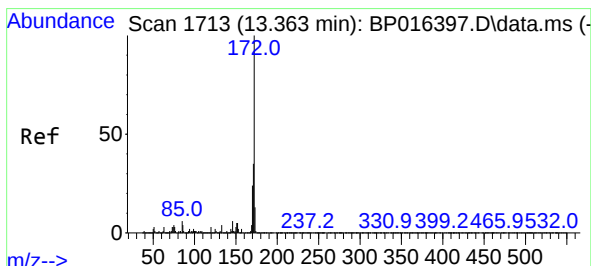
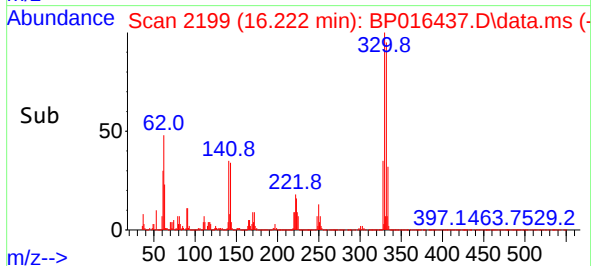
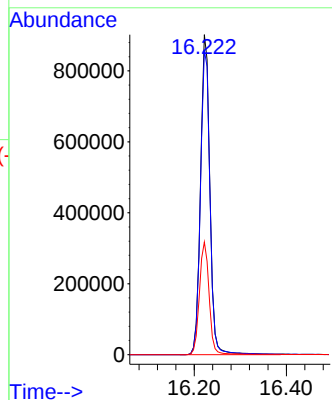
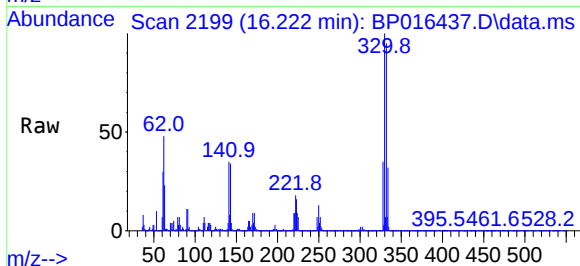




#42
2,4,6-Tribromophenol
Concen: 99.677 ng
RT: 16.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016437.D
Acq: 28 Jul 2023 23:07

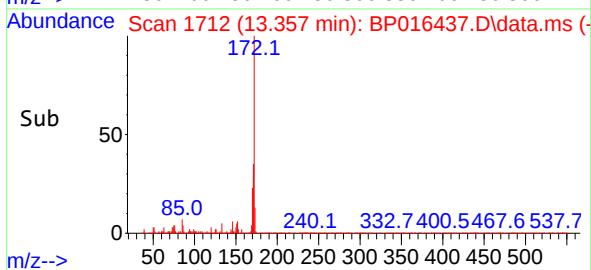
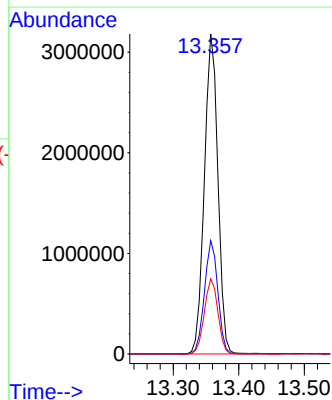
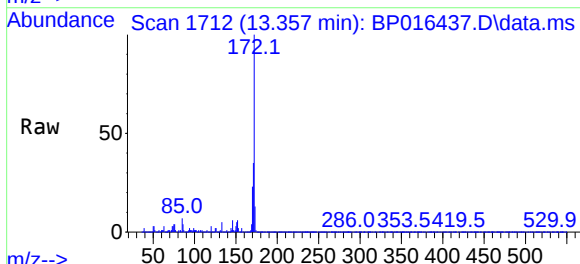
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ClientSampleId :
HANOVER-ST-1

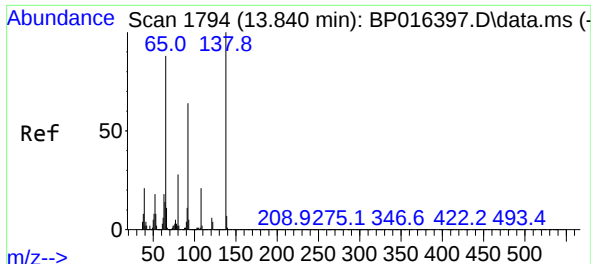
Tgt Ion:330 Resp: 1273868
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 36.6 22.6 34.0#



#45
2-Fluorobiphenyl
Concen: 75.686 ng
RT: 13.357 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP016437.D
Acq: 28 Jul 2023 23:07

Tgt Ion:172 Resp: 4586053
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.5 19.1 28.7

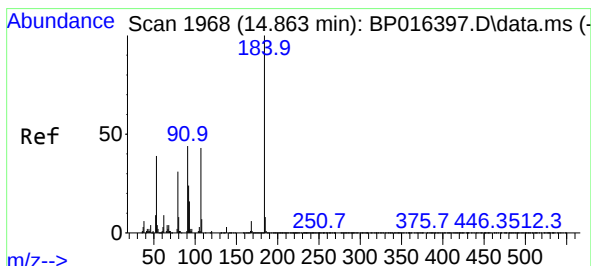
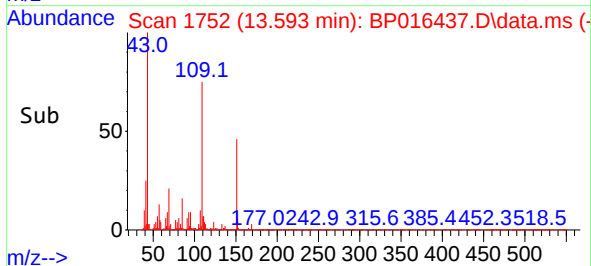
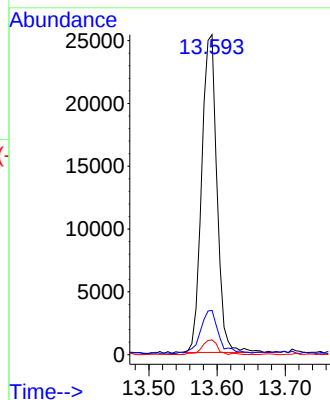
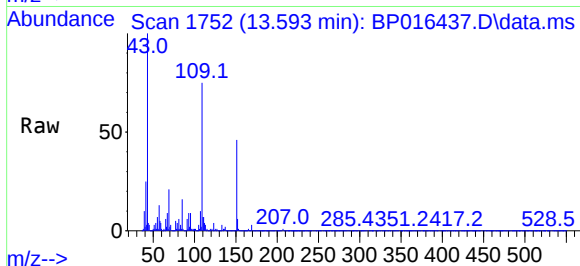




#48
2-Nitroaniline
Concen: 2.805 ng
RT: 13.593 min Scan# 1
Delta R.T. -0.247 min
Lab File: BP016437.D
Acq: 28 Jul 2023 23:07

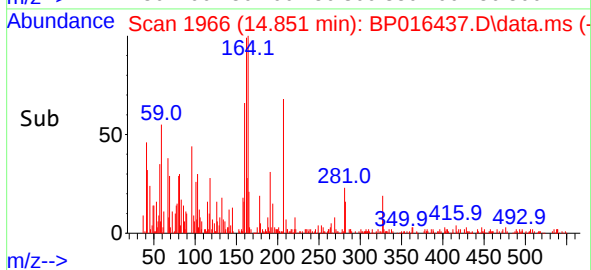
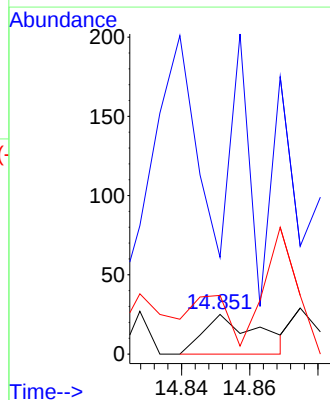
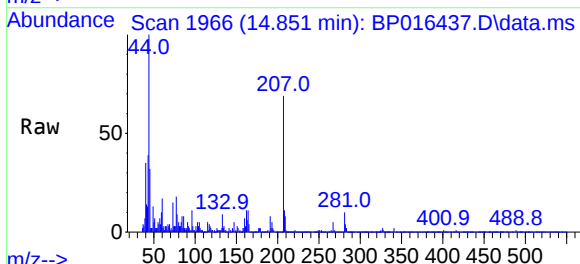
Instrument :
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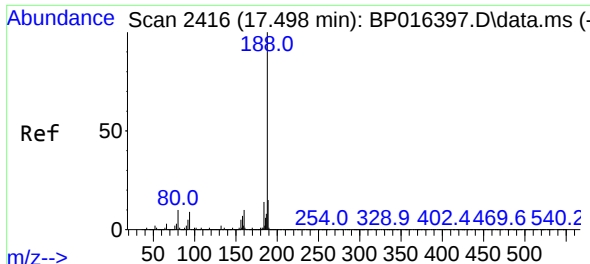
Tgt Ion: 65 Resp: 39498
Ion Ratio Lower Upper
65 100
92 13.8 58.2 87.4#
138 4.6 91.3 136.9#



#54
2,4-Dinitrophenol
Concen: 8.006 ng
RT: 14.851 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BP016437.D
Acq: 28 Jul 2023 23:07

Tgt Ion: 184 Resp: 28
Ion Ratio Lower Upper
184 100
63 244.0 48.2 72.4#
154 148.0 49.6 74.4#

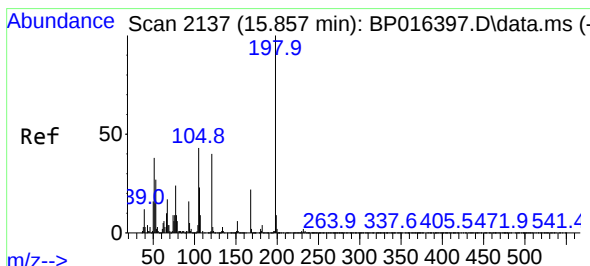
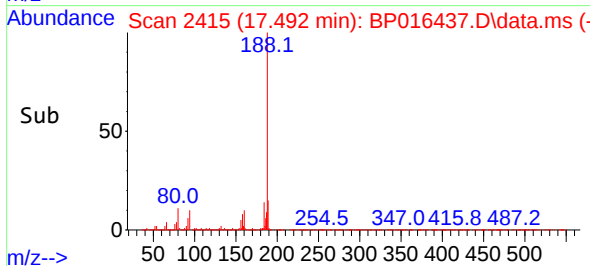
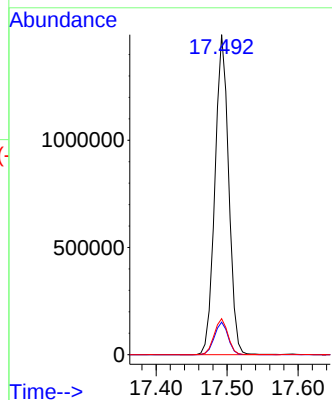
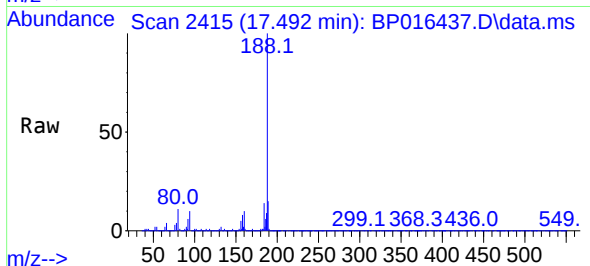




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP016437.D
Acq: 28 Jul 2023 23:07

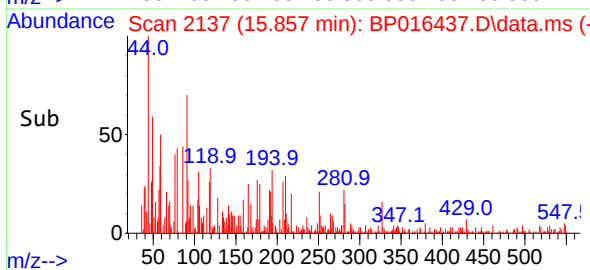
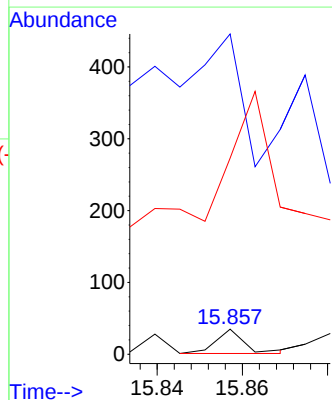
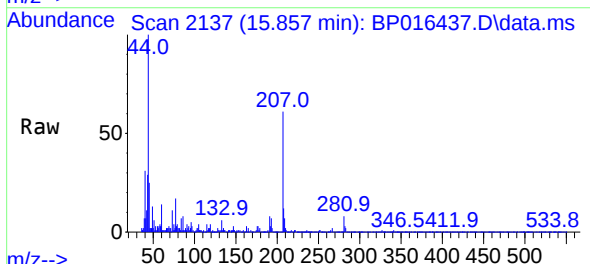
Instrument :
BNA_P
ClientSampleId :
HANOVER-ST-1

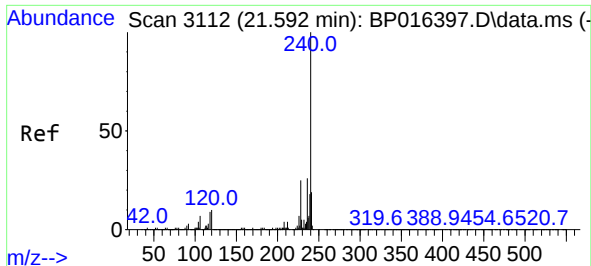
Tgt Ion:188 Resp: 1998970
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.0
80 11.2 7.8 11.8



#65
4,6-Dinitro-2-methylphenol
Concen: 6.303 ng
RT: 15.857 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP016437.D
Acq: 28 Jul 2023 23:07

Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
51 1274.3 20.1 60.1#
105 780.0 23.1 63.1#

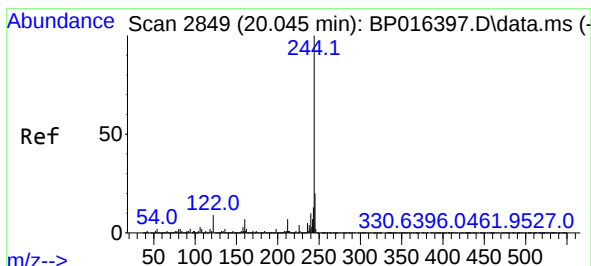
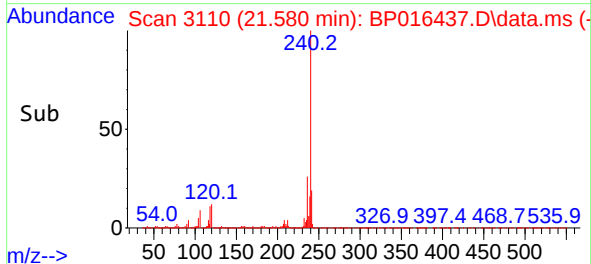
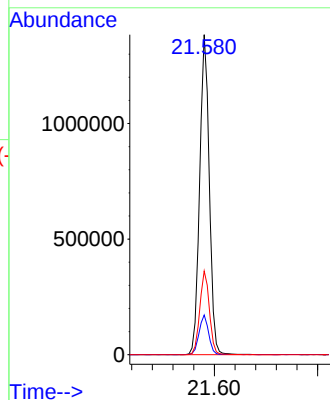
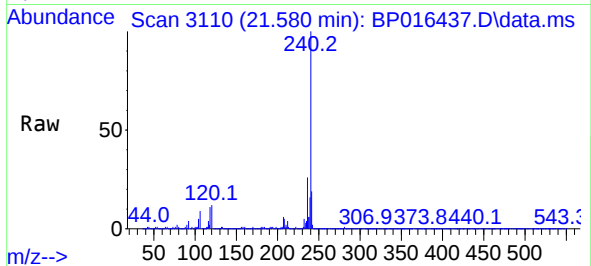




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BP016437.D
Acq: 28 Jul 2023 23:07

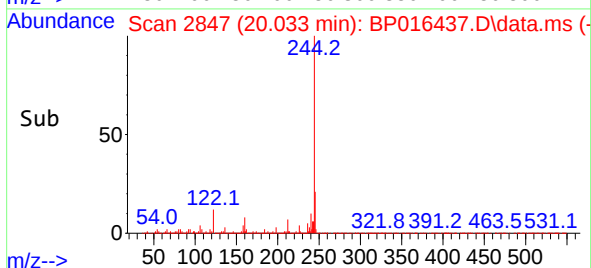
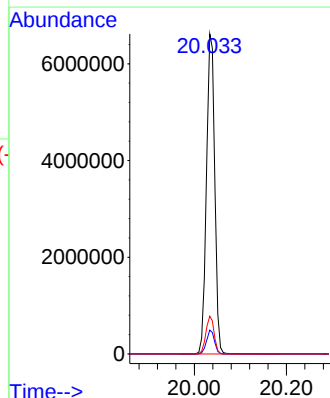
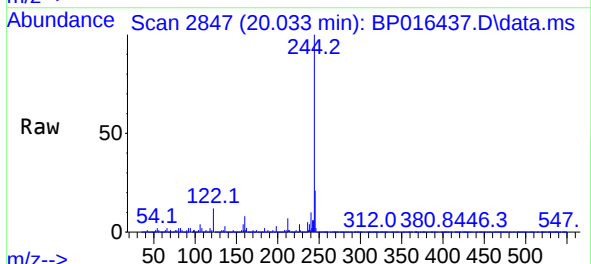
Instrument :
BNA_P
ClientSampleId :
HANOVER-ST-1

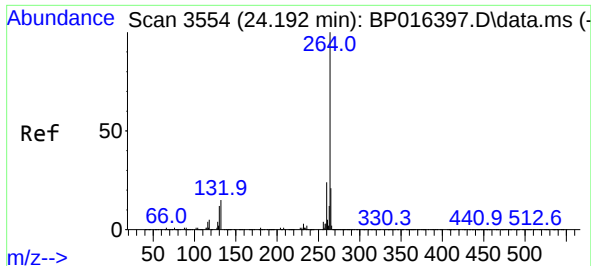
Tgt Ion:240 Resp: 1785908
Ion Ratio Lower Upper
240 100
120 12.4 7.9 11.9#
236 26.2 21.1 31.7



#79
Terphenyl-d14
Concen: 98.433 ng
RT: 20.033 min Scan# 2847
Delta R.T. -0.012 min
Lab File: BP016437.D
Acq: 28 Jul 2023 23:07

Tgt Ion:244 Resp: 8321850
Ion Ratio Lower Upper
244 100
212 7.5 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: BP016437.D
 Acq: 28 Jul 2023 23:07

Instrument :
 BNA_P
 ClientSampleId :
 HANOVER-ST-1

Tgt Ion:264 Resp: 1790690

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	22.1	17.4	26.0

