

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016815.D
 Acq On : 29 Aug 2023 04:53
 Operator : MA/JU
 Sample : 04134-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCHJ7

Quant Time: Aug 29 05:56:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 01:12:28 2023
 Response via : Initial Calibration

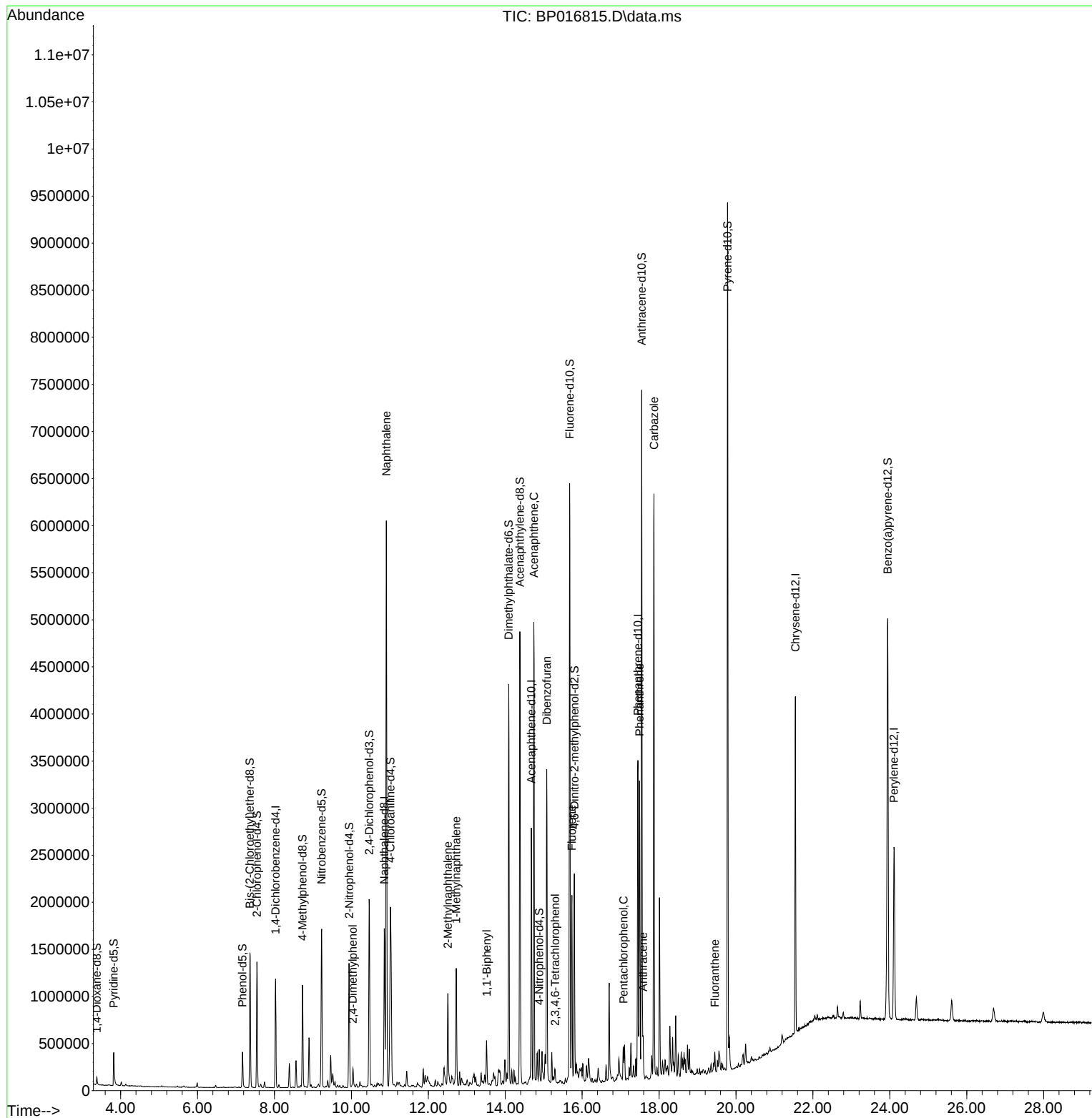
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	303314	20.000	ng/u1	0.00
20) Naphthalene-d8	10.857	136	1356676	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.680	164	867330	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	1964595	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1605770	20.000	ng/u1	0.00
88) Perylene-d12	24.109	264	1422216	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	40699	5.546	ng/uL	0.00
4) Pyridine-d5	3.822	84	215434	9.606	ng/u1	0.00
7) Phenol-d5	7.169	99	211927	7.858	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	637269	37.073	ng/u1	0.00
11) 2-Chlorophenol-d4	7.545	132	579255	28.565	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	404992	18.394	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	396400	38.644	ng/u1	0.00
24) 2-Nitrophenol-d4	9.939	143	398976	36.900	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	677053	33.588	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	854140	27.631	ng/u1	0.00
46) Dimethylphthalate-d6	14.092	166	2675882	40.910	ng/u1	0.00
49) Acenaphthylene-d8	14.380	160	2952762	39.933	ng/u1	0.00
54) 4-Nitrophenol-d4	14.886	143	78021	5.771	ng/u1	0.00
60) Fluorene-d10	15.674	176	2349471	42.655	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	395932	33.841	ng/u1	0.00
73) Anthracene-d10	17.551	188	3944575	45.297	ng/u1	0.00
81) Pyrene-d10	19.780	212	4461156	50.585	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	3227962	45.311	ng/u1	0.00
Target Compounds						
					Qvalue	
26) 2,4-Dimethylphenol	10.039	107	62004	2.580	ng/u1#	91
30) Naphthalene	10.910	128	4687893	66.705	ng/u1	99
36) 2-Methylnaphthalene	12.510	142	427167	8.806	ng/u1	98
37) 1-Methylnaphthalene	12.728	142	545937	11.160	ng/u1	98
43) 1,1'-Biphenyl	13.516	154	200735	3.113	ng/u1	99
52) Acenaphthene	14.745	153	1914436	34.193	ng/u1	100
56) Dibenzofuran	15.080	168	2088863	27.190	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.298	232	18933	1.245	ng/u1#	98
61) Fluorene	15.733	166	837312	13.030	ng/u1	99
71) Pentachlorophenol	17.074	266	44018	2.812	ng/u1	97
72) Phenanthrene	17.492	178	1710145	16.535	ng/u1	99
74) Anthracene	17.586	178	171985	1.645	ng/u1	99
77) Carbazole	17.868	167	3659308	38.852	ng/u1	100
80) Fluoranthene	19.451	202	120308	1.136	ng/u1	99

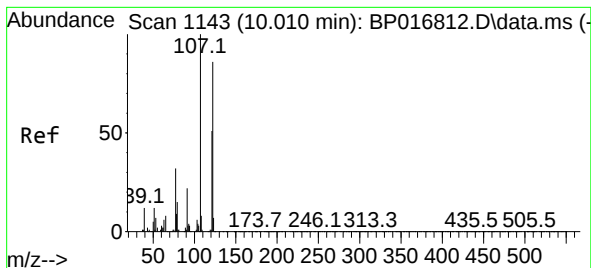
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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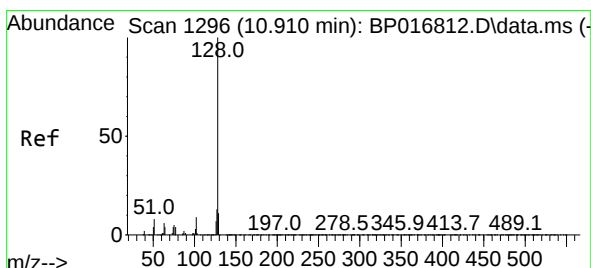
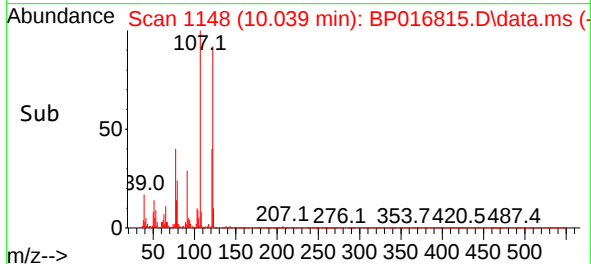
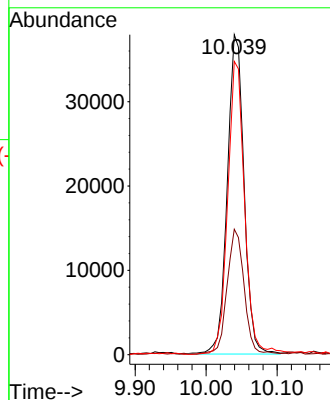
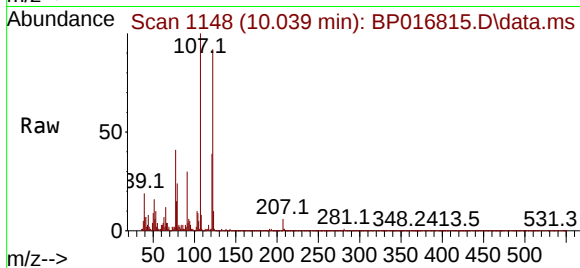




#26
2,4-Dimethylphenol
Concen: 2.580 ng/ul
RT: 10.039 min Scan# 1143
Delta R.T. 0.029 min
Lab File: BP016815.D
Acq: 29 Aug 2023 04:53

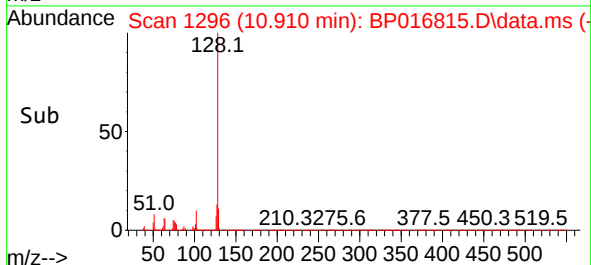
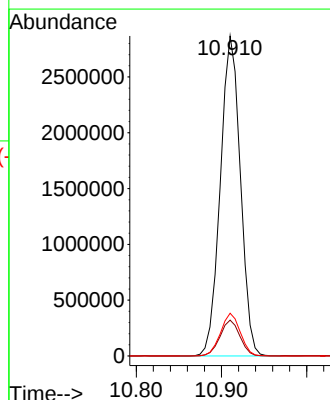
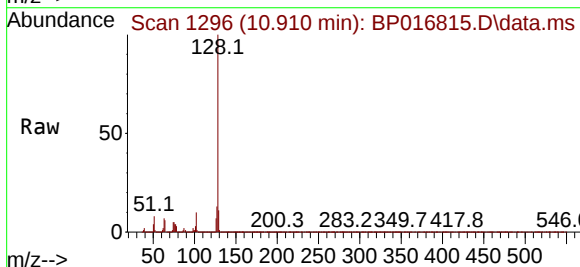
Instrument :
BNA_P
ClientSampleId :
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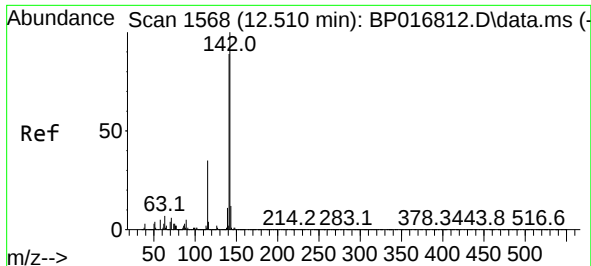
Tgt Ion:107 Resp: 62004
Ion Ratio Lower Upper
107 100
121 39.2 40.7 61.1#
122 91.6 69.7 104.5



#30
Naphthalene
Concen: 66.705 ng/ul
RT: 10.910 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BP016815.D
Acq: 29 Aug 2023 04:53

Tgt Ion:128 Resp: 4687893
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.3 15.5

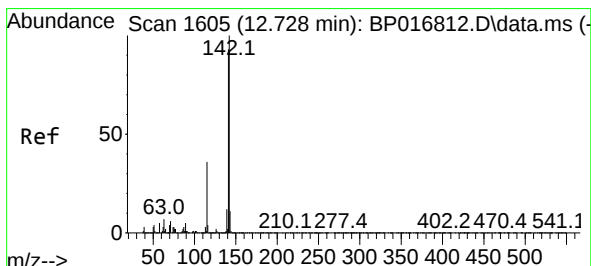
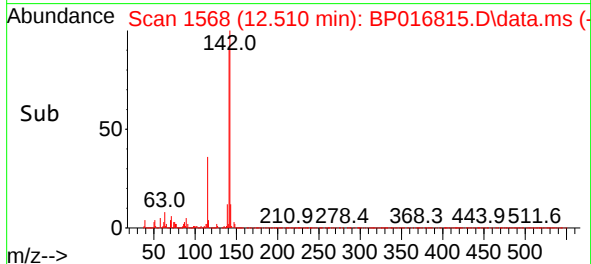
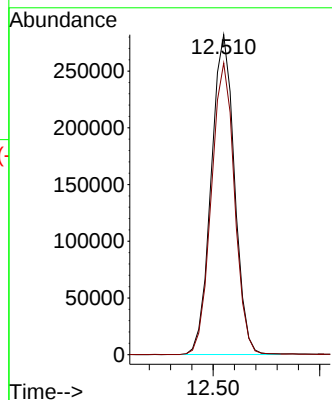
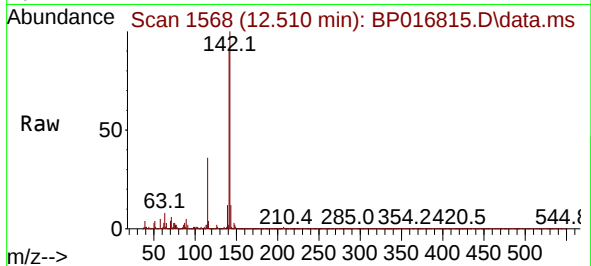




#36
2-Methylnaphthalene
Concen: 8.806 ng/ul
RT: 12.510 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BP016815.D
Acq: 29 Aug 2023 04:53

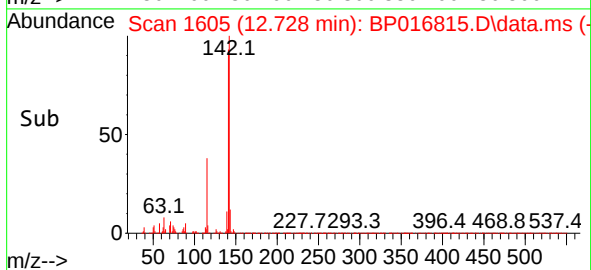
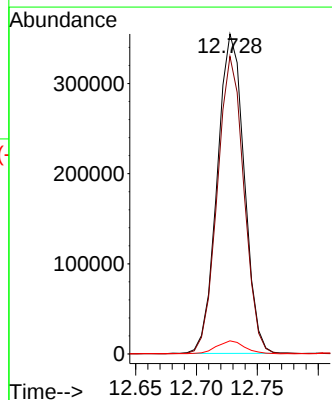
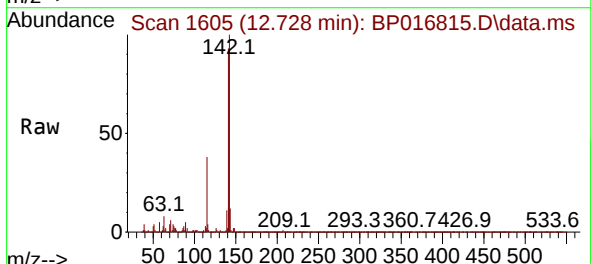
Instrument :
BNA_P
ClientSampleId :
DCHJ7

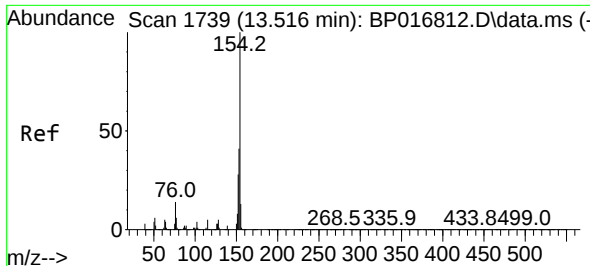
Tgt Ion:142 Resp: 427167
Ion Ratio Lower Upper
142 100
141 91.2 71.4 107.0



#37
1-Methylnaphthalene
Concen: 11.160 ng/ul
RT: 12.728 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BP016815.D
Acq: 29 Aug 2023 04:53

Tgt Ion:142 Resp: 545937
Ion Ratio Lower Upper
142 100
141 93.0 73.0 109.4
116 4.1 3.1 4.7

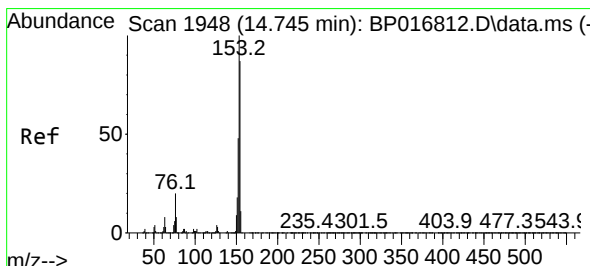
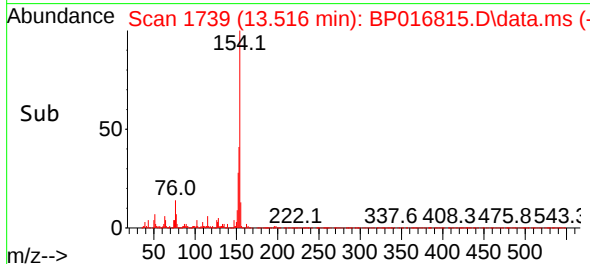
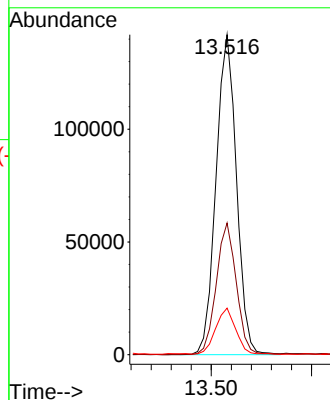
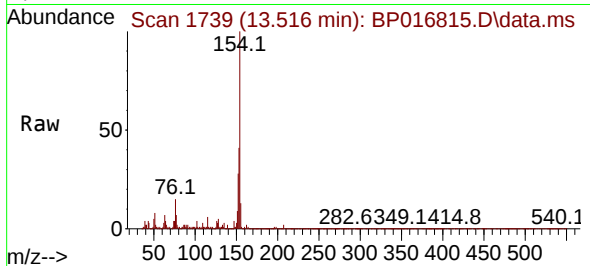




#43
1,1'-Biphenyl
Concen: 3.113 ng/ul
RT: 13.516 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BP016815.D
Acq: 29 Aug 2023 04:53

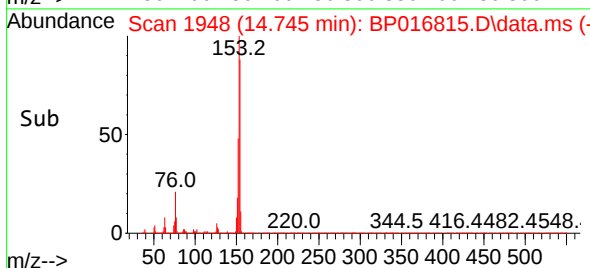
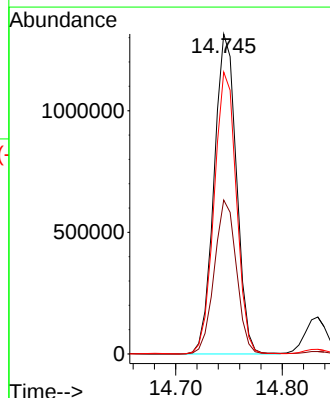
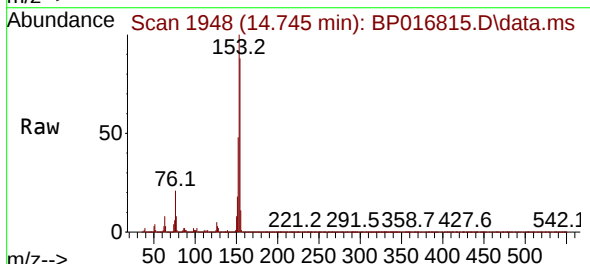
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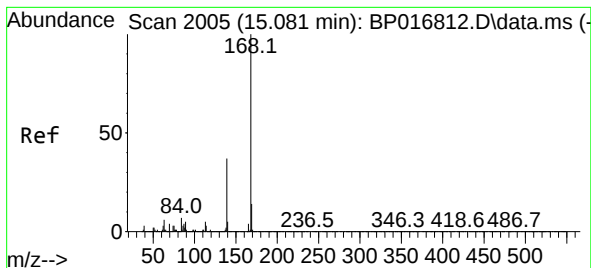
Tgt Ion:154 Resp: 200735
Ion Ratio Lower Upper
154 100
153 41.1 32.7 49.1
76 14.6 11.3 16.9



#52
Acenaphthene
Concen: 34.193 ng/ul
RT: 14.745 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP016815.D
Acq: 29 Aug 2023 04:53

Tgt Ion:153 Resp: 1914436
Ion Ratio Lower Upper
153 100
152 48.1 38.5 57.7
154 88.1 70.6 105.8

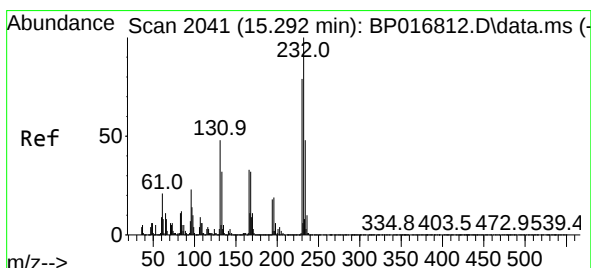
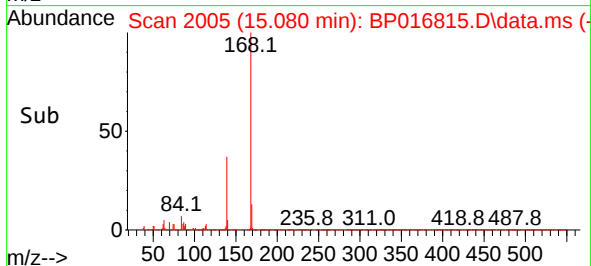
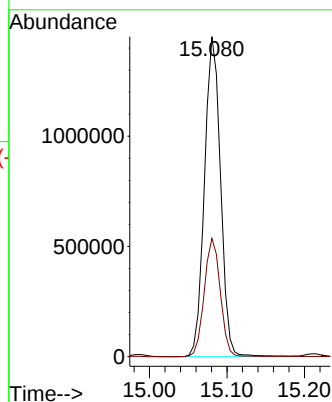
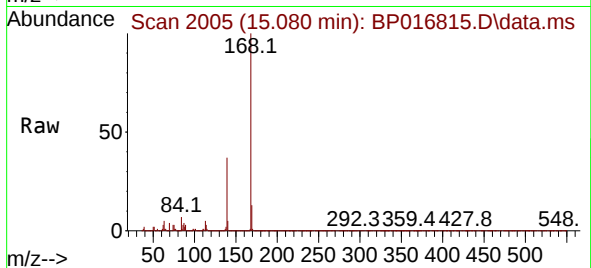




#56
Dibenzenofuran
Concen: 27.190 ng/ul
RT: 15.080 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BP016815.D
Acq: 29 Aug 2023 04:53

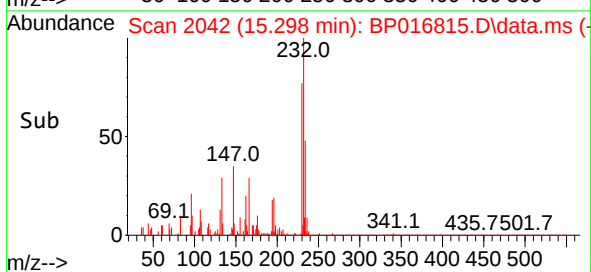
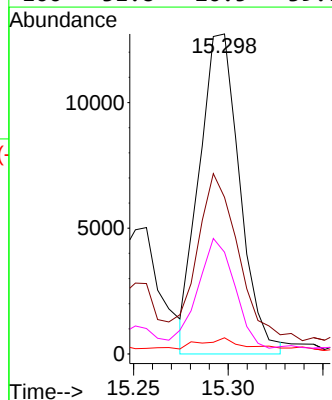
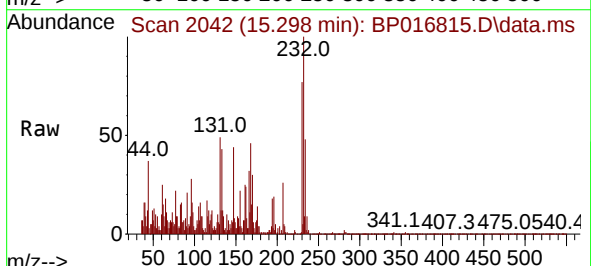
Instrument :
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ClientSampleId :
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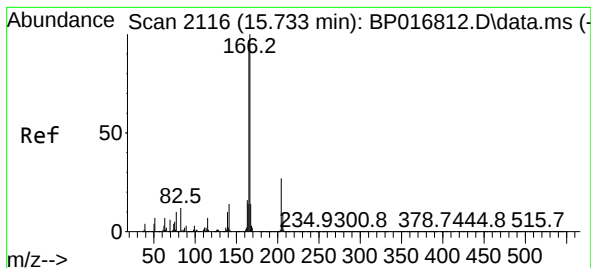
Tgt Ion:168 Resp: 2088863
Ion Ratio Lower Upper
168 100
139 36.9 29.2 43.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 1.245 ng/ul
RT: 15.298 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BP016815.D
Acq: 29 Aug 2023 04:53

Tgt Ion:232 Resp: 18933
Ion Ratio Lower Upper
232 100
131 49.0 38.1 57.1
130 5.0 1.9 2.9#
166 31.8 26.5 39.7





#61

Fluorene

Concen: 13.030 ng/ul

RT: 15.733 min Scan# 2116

Delta R.T. -0.000 min

Lab File: BP016815.D

Acq: 29 Aug 2023 04:53

Instrument :

BNA_P

ClientSampleId :

DCHJ7

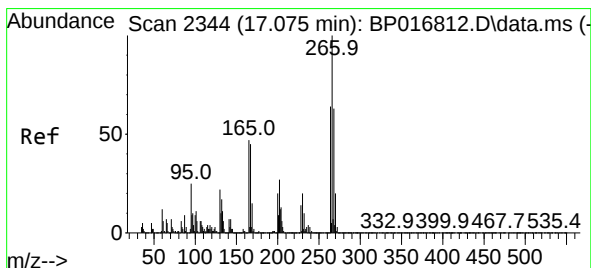
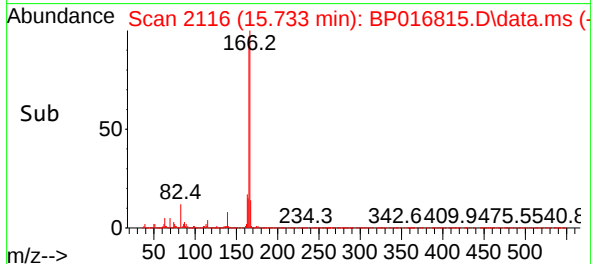
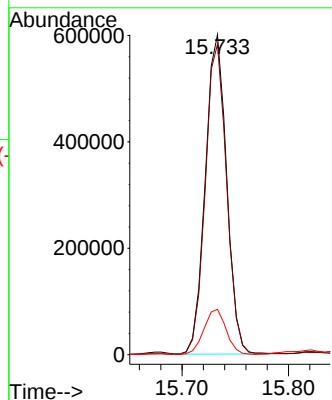
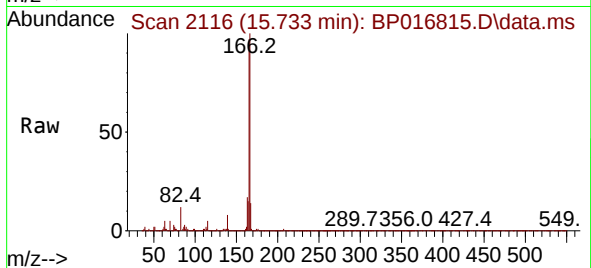
Tgt Ion:166 Resp: 837312

Ion Ratio Lower Upper

166 100

165 97.0 78.8 118.2

167 14.2 10.9 16.3



#71

Pentachlorophenol

Concen: 2.812 ng/ul

RT: 17.074 min Scan# 2344

Delta R.T. -0.000 min

Lab File: BP016815.D

Acq: 29 Aug 2023 04:53

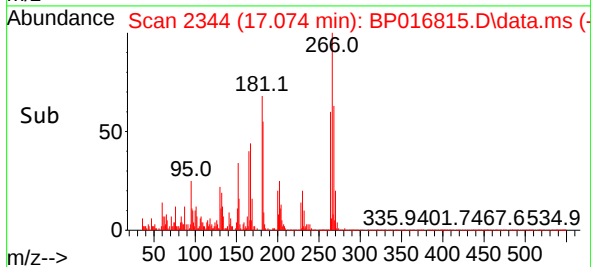
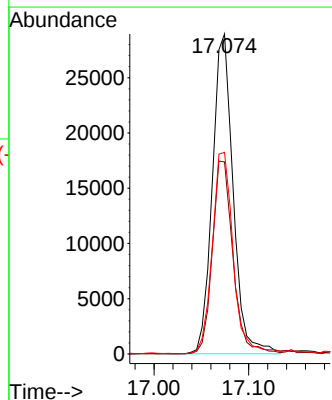
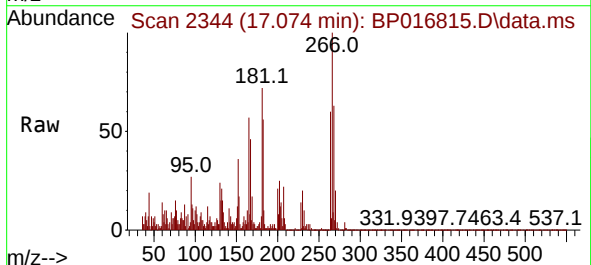
Tgt Ion:266 Resp: 44018

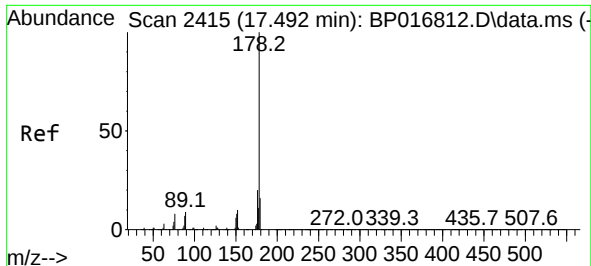
Ion Ratio Lower Upper

266 100

264 60.0 50.7 76.1

268 63.0 50.8 76.2

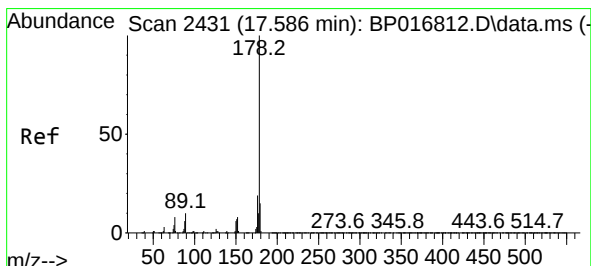
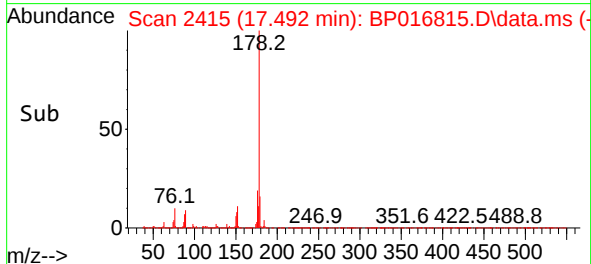
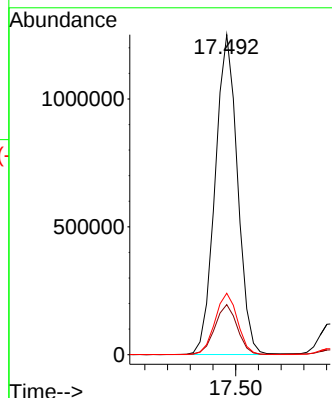
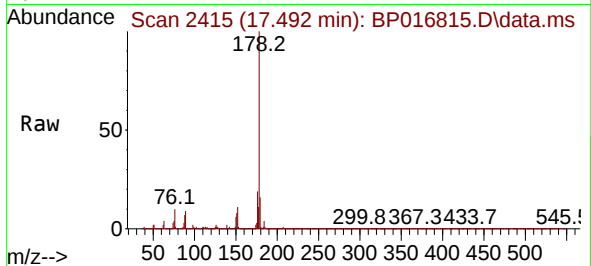




#72
Phenanthrene
Concen: 16.535 ng/ul
RT: 17.492 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP016815.D
Acq: 29 Aug 2023 04:53

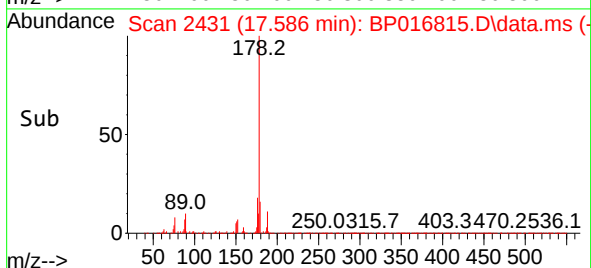
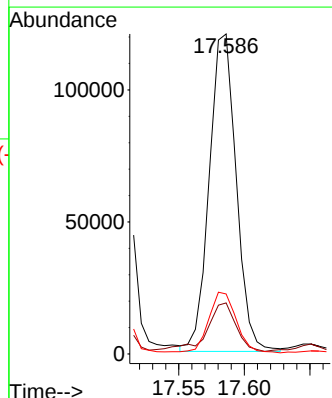
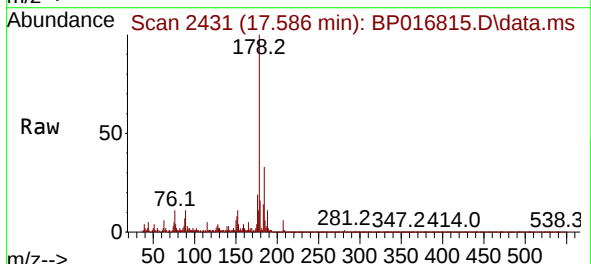
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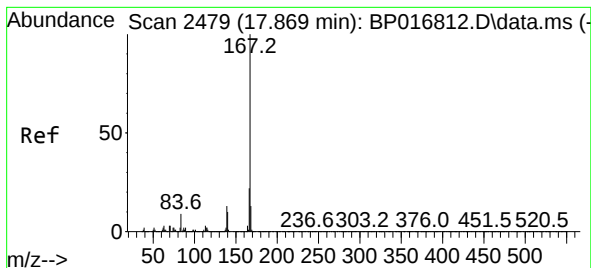
Tgt Ion:178 Resp: 1710145
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 19.2 15.6 23.4



#74
Anthracene
Concen: 1.645 ng/ul
RT: 17.586 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP016815.D
Acq: 29 Aug 2023 04:53

Tgt Ion:178 Resp: 171985
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 18.7 15.3 22.9





#77

Carbazole

Concen: 38.852 ng/ul

RT: 17.868 min Scan# 2479

Delta R.T. -0.000 min

Lab File: BP016815.D

Acq: 29 Aug 2023 04:53

Instrument :

BNA_P

ClientSampleId :

DCHJ7

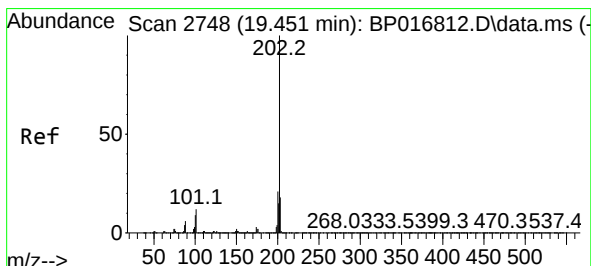
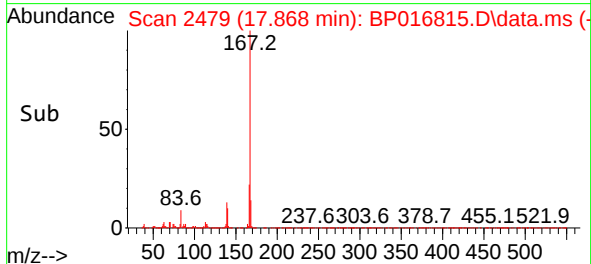
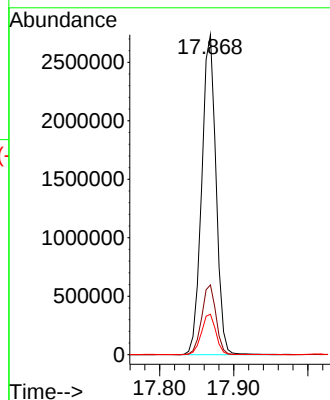
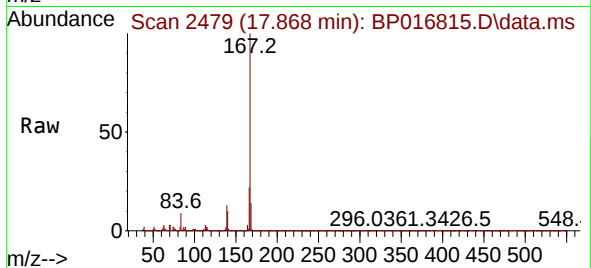
Tgt Ion:167 Resp: 3659308

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 12.6 10.4 15.6



#80

Fluoranthene

Concen: 1.136 ng/ul

RT: 19.451 min Scan# 2748

Delta R.T. -0.006 min

Lab File: BP016815.D

Acq: 29 Aug 2023 04:53

Tgt Ion:202 Resp: 120308

Ion Ratio Lower Upper

202 100

101 11.7 9.7 14.5

100 8.8 7.4 11.2

