

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
 Data File : BP016430.D
 Acq On : 28 Jul 2023 19:07
 Operator : MA/JU
 Sample : PB154489TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154489TB

Quant Time: Jul 29 00:49:25 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)

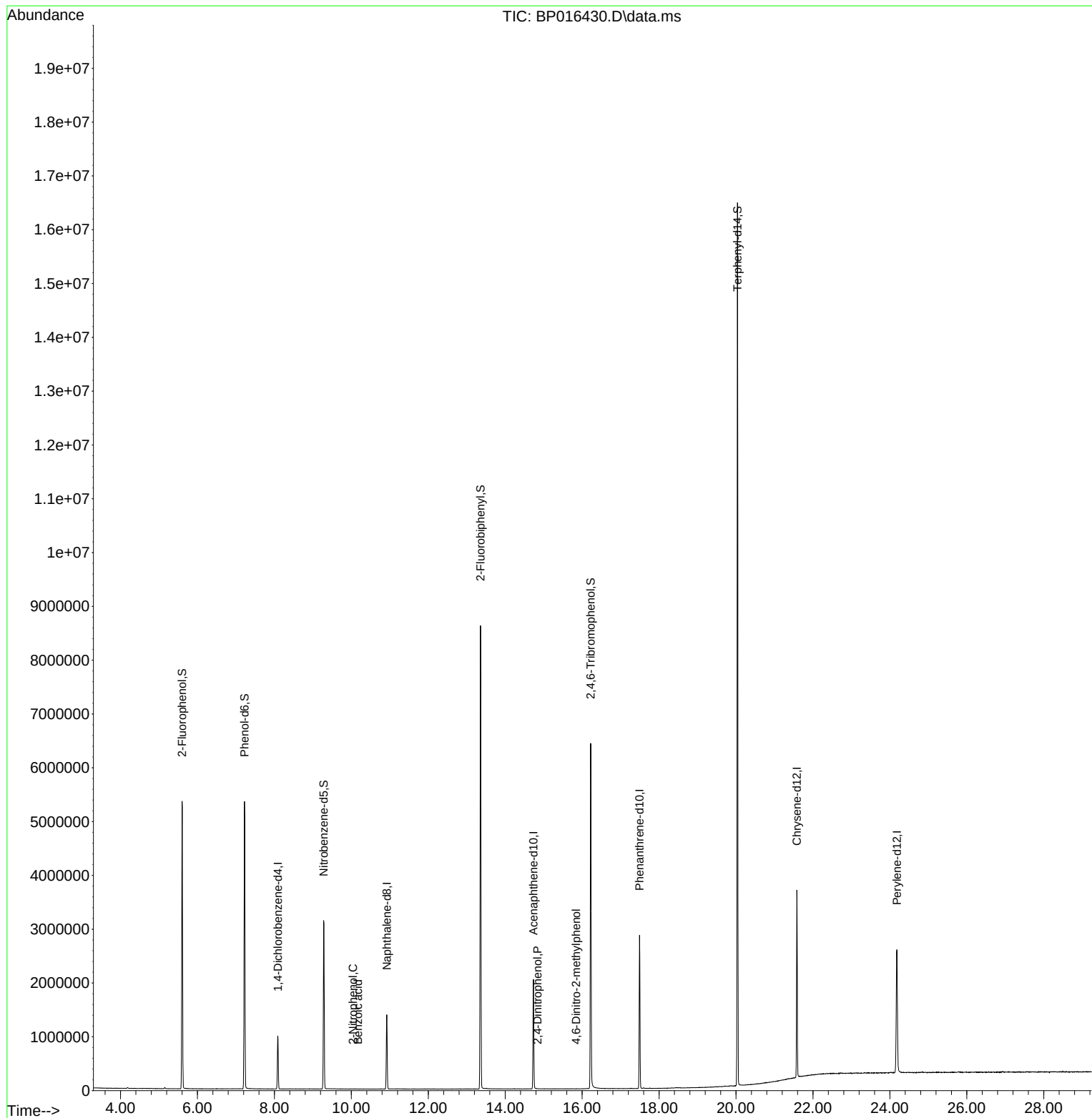
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	260849	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1090630	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	662683	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	1594305	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1582689	20.000	ng	#-0.01
86) Perylene-d12	24.180	264	1786356	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	2440886	152.659	ng	0.00
7) Phenol-d6	7.222	99	3220762	146.960	ng	0.00
23) Nitrobenzene-d5	9.281	82	1806018	92.697	ng	-0.01
42) 2,4,6-Tribromophenol	16.222	330	1134965	116.418	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	4234374	91.608	ng	0.00
79) Terphenyl-d14	20.039	244	7734503	103.233	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.228	77	5984	Below Cal	#	4
26) 2-Nitrophenol	10.040	139	25	3.128 ng	#	1
32) Benzoic acid	10.175	122	79	6.292 ng	#	1
54) 2,4-Dinitrophenol	14.840	184	45	8.010 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.845	198	26	6.304 ng	#	1

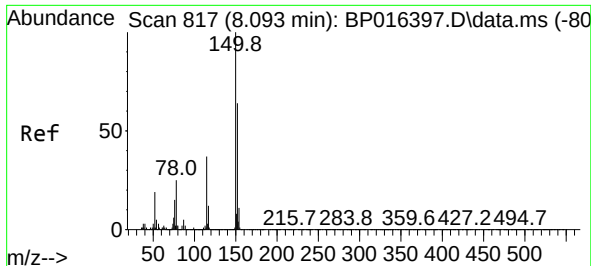
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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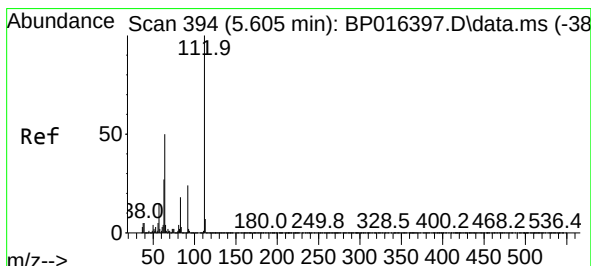
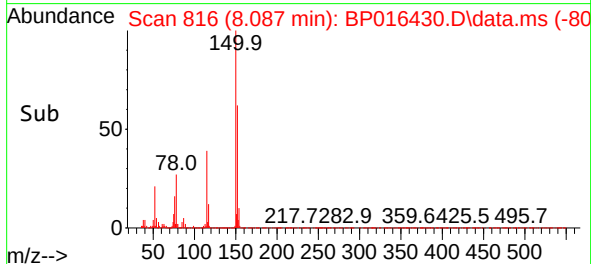
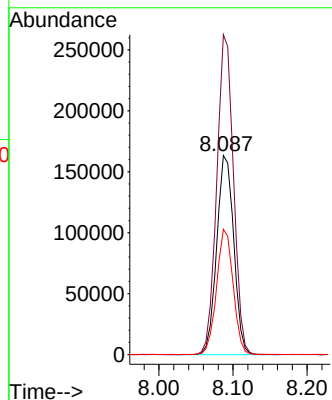
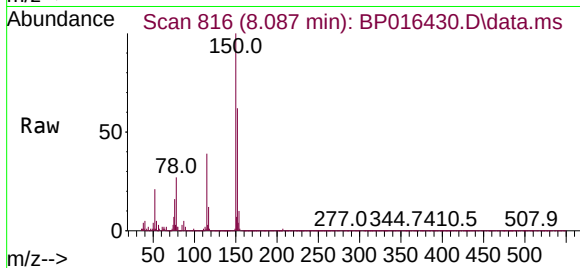




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP016430.D
Acq: 28 Jul 2023 19:07

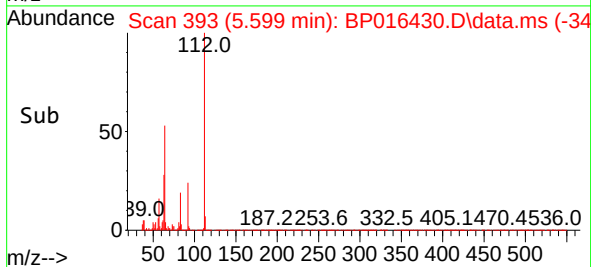
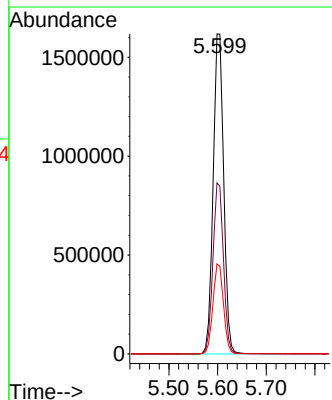
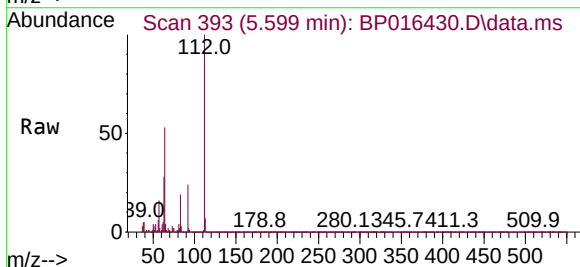
Instrument :
BNA_P
ClientSampleId :
PB154489TB

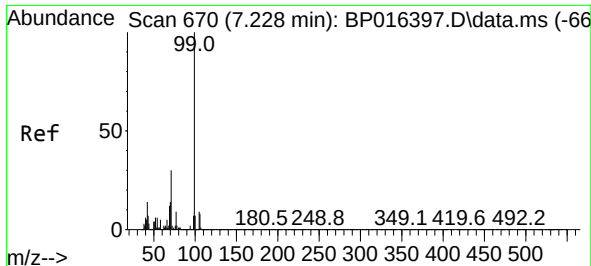
Tgt Ion:152 Resp: 260849
Ion Ratio Lower Upper
152 100
150 160.7 124.9 187.3
115 63.0 46.8 70.2



#5
2-Fluorophenol
Concen: 152.659 ng
RT: 5.599 min Scan# 393
Delta R.T. -0.006 min
Lab File: BP016430.D
Acq: 28 Jul 2023 19:07

Tgt Ion:112 Resp: 2440886
Ion Ratio Lower Upper
112 100
64 53.4 40.0 60.0
63 28.1 21.2 31.8



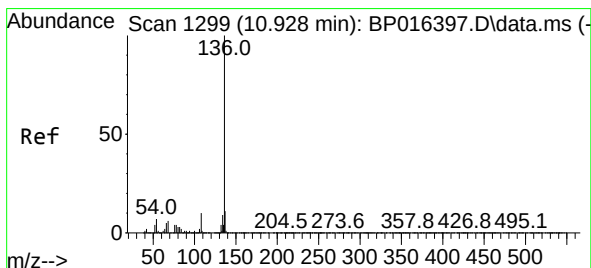
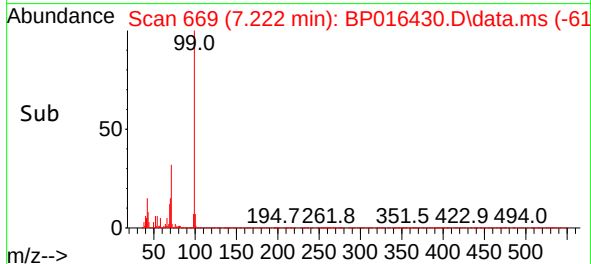
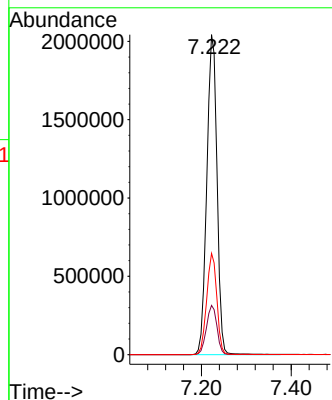
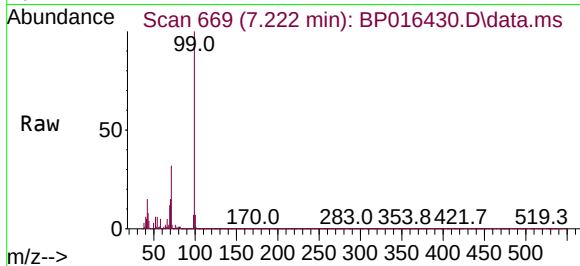


#7
Phenol-d6
Concen: 146.960 ng
RT: 7.222 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP016430.D
Acq: 28 Jul 2023 19:07

Instrument :
BNA_P
ClientSampleId :
PB154489TB

Tgt Ion: 99 Resp: 3220762

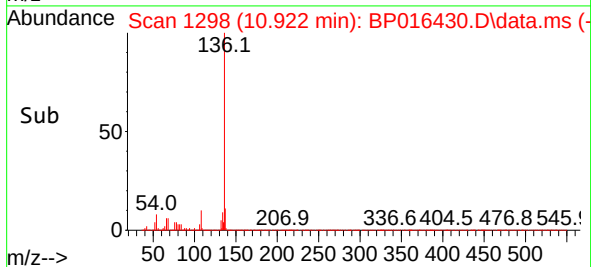
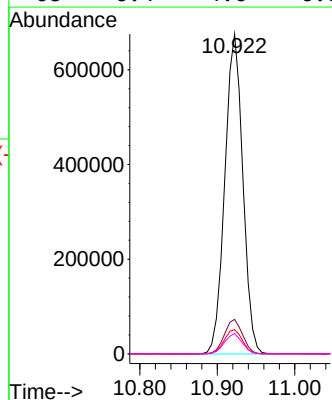
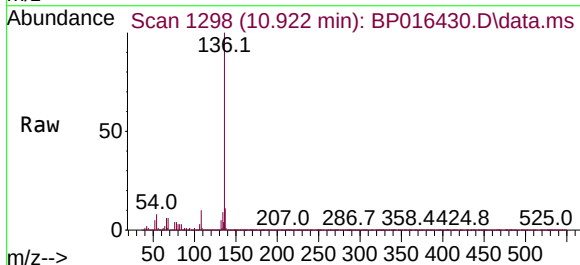
Ion	Ratio	Lower	Upper
99	100		
42	15.4	11.6	17.4
71	31.6	24.3	36.5

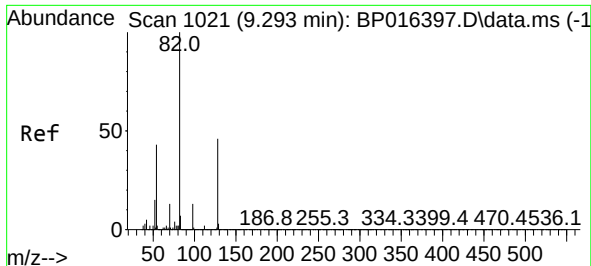


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP016430.D
Acq: 28 Jul 2023 19:07

Tgt Ion: 136 Resp: 1090630

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.6	5.6	8.4
68	6.4	4.6	6.8

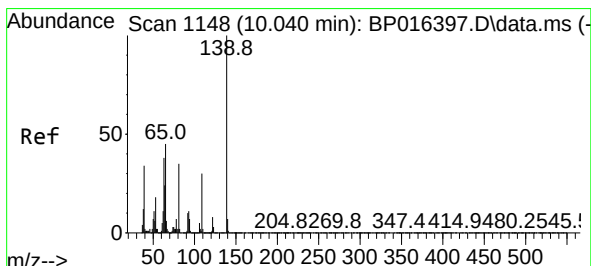
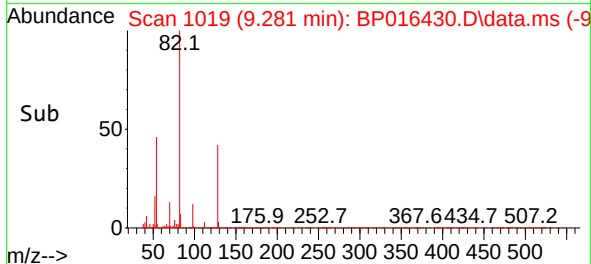
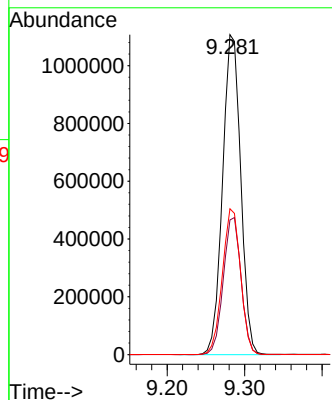
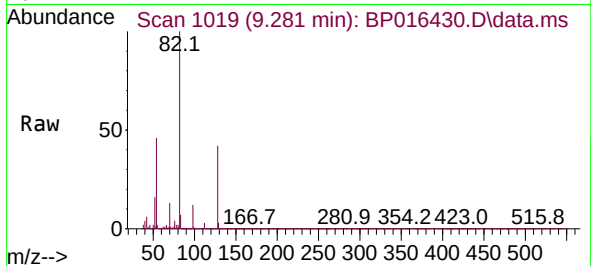




#23
Nitrobenzene-d5
Concen: 92.697 ng
RT: 9.281 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BP016430.D
Acq: 28 Jul 2023 19:07

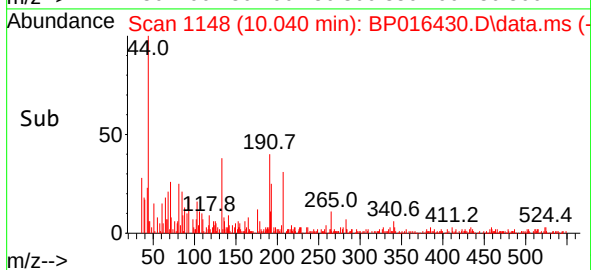
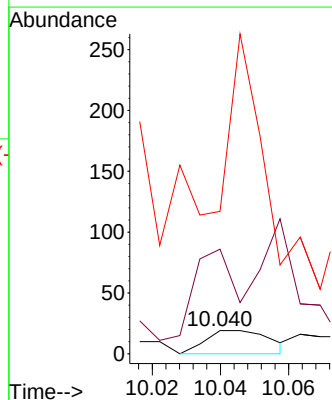
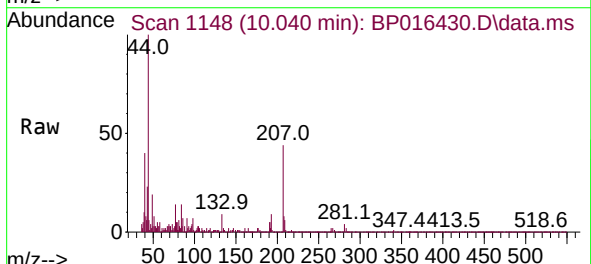
Instrument :
BNA_P
ClientSampleId :
PB154489TB

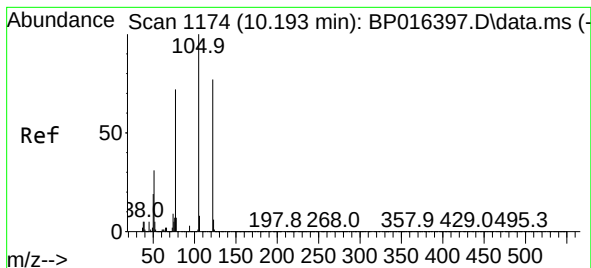
Tgt Ion: 82 Resp: 1806018
Ion Ratio Lower Upper
82 100
128 42.1 36.6 55.0
54 45.6 34.5 51.7



#26
2-Nitrophenol
Concen: 3.128 ng
RT: 10.040 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BP016430.D
Acq: 28 Jul 2023 19:07

Tgt Ion: 139 Resp: 25
Ion Ratio Lower Upper
139 100
109 452.6 24.2 36.4#
65 978.9 35.8 53.6#

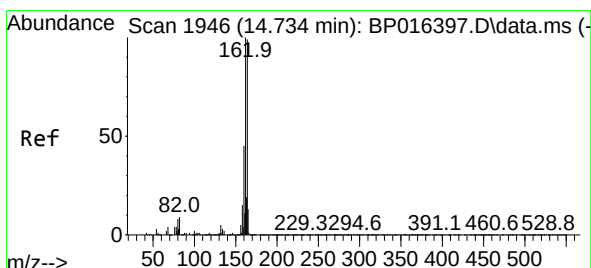
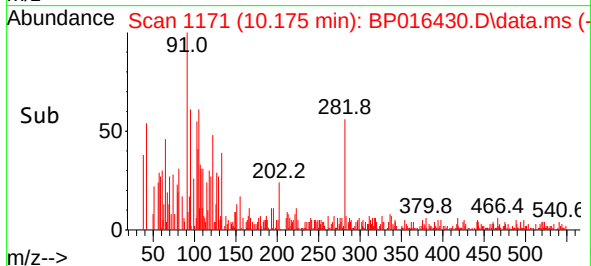
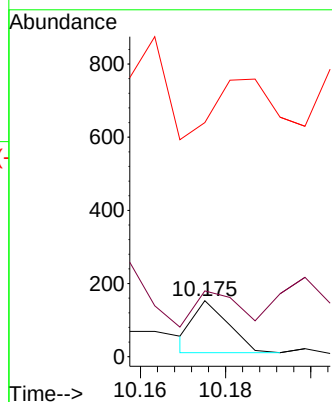
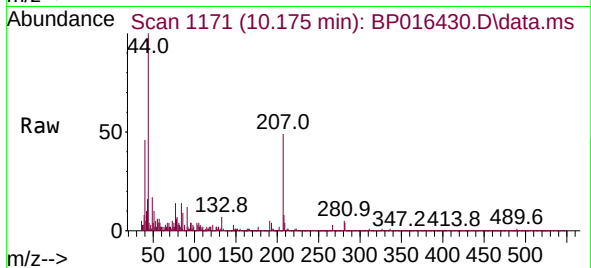




#32
Benzoic acid
Concen: 6.292 ng
RT: 10.175 min Scan# 1171
Delta R.T. -0.018 min
Lab File: BP016430.D
Acq: 28 Jul 2023 19:07

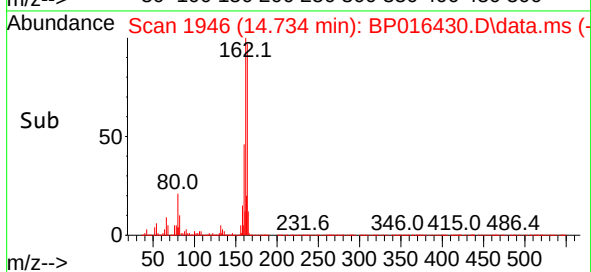
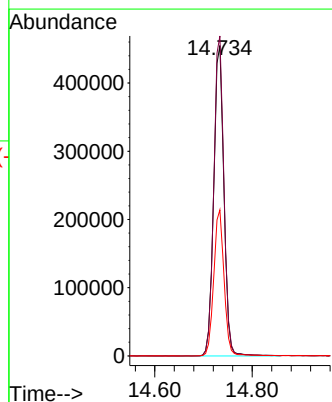
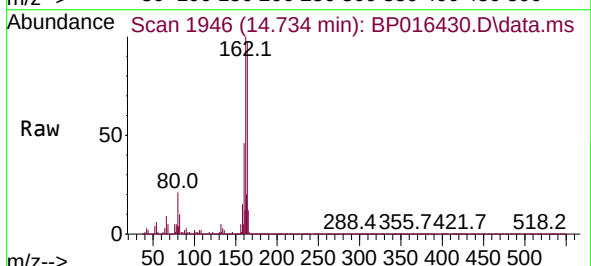
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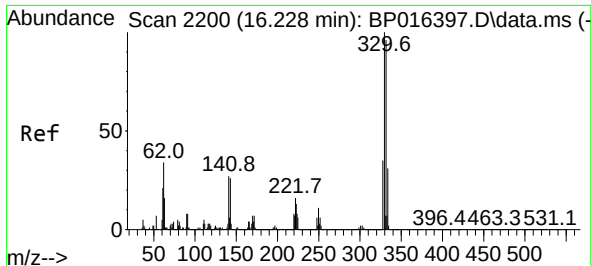
Tgt Ion:122 Resp: 79
Ion Ratio Lower Upper
122 100
105 117.6 105.2 145.2
77 418.3 72.2 112.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP016430.D
Acq: 28 Jul 2023 19:07

Tgt Ion:164 Resp: 662683
Ion Ratio Lower Upper
164 100
162 103.1 81.0 121.6
160 47.1 36.6 55.0

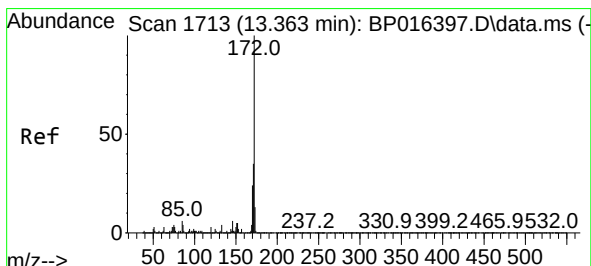
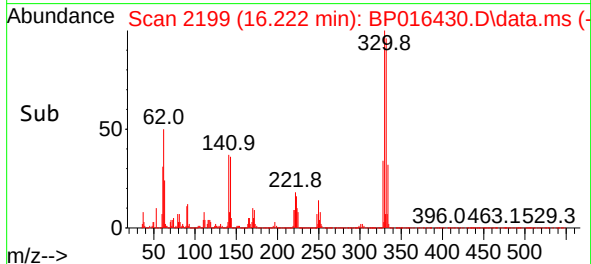
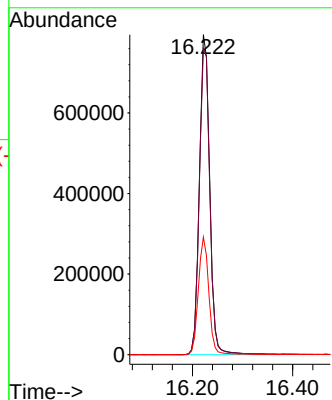
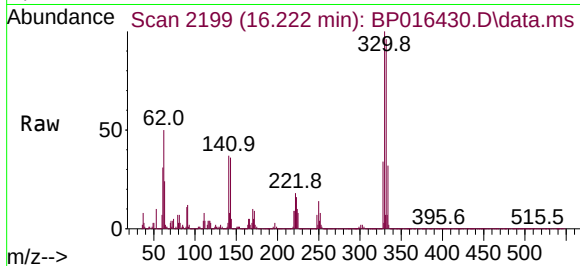




#42
2,4,6-Tribromophenol
Concen: 116.418 ng
RT: 16.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016430.D
Acq: 28 Jul 2023 19:07

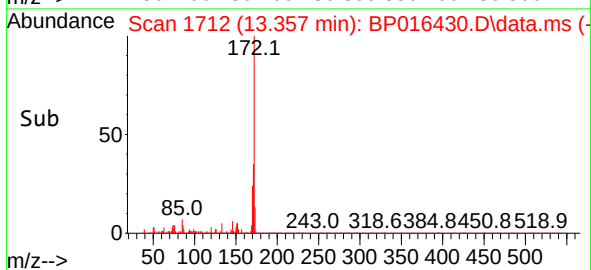
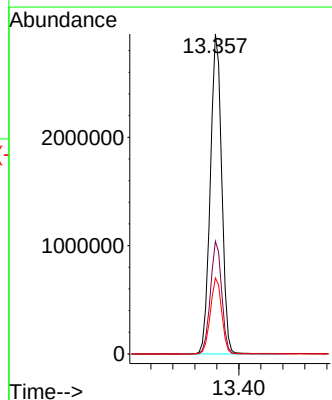
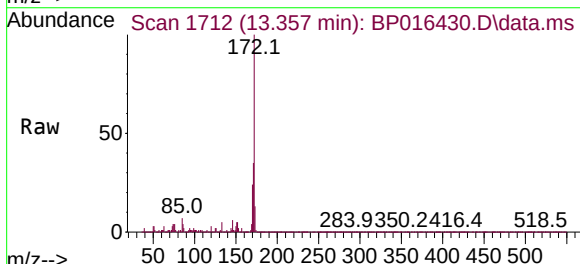
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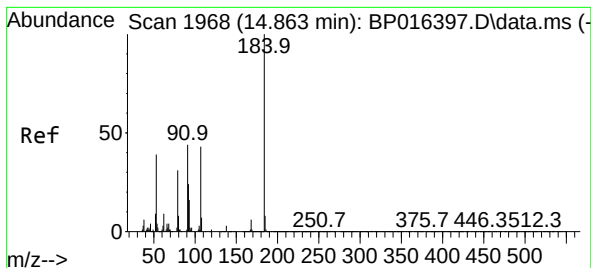
Tgt Ion:330 Resp: 1134965
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.8
141 37.3 22.6 34.0#



#45
2-Fluorobiphenyl
Concen: 91.608 ng
RT: 13.357 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP016430.D
Acq: 28 Jul 2023 19:07

Tgt Ion:172 Resp: 4234374
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.7 19.1 28.7

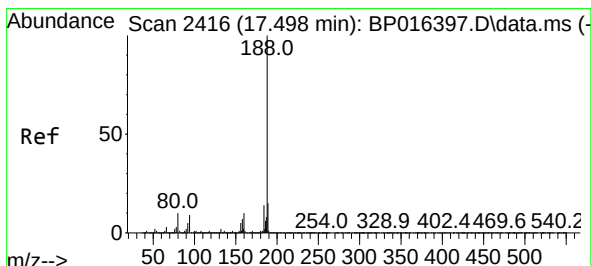
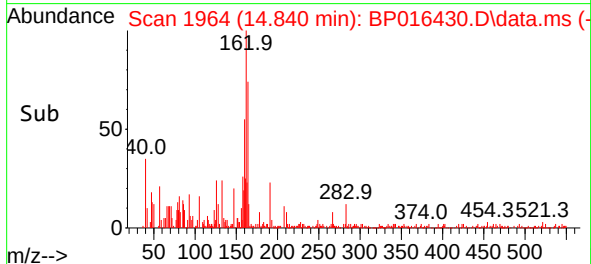
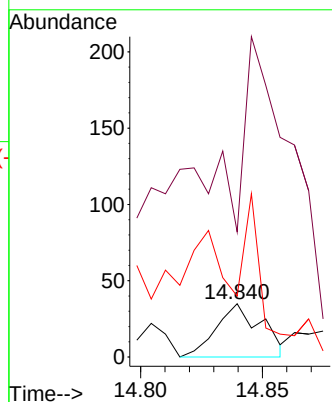
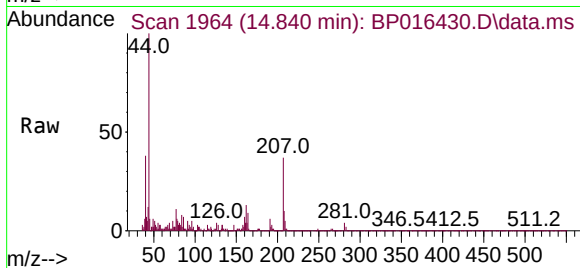




#54
2,4-Dinitrophenol
Concen: 8.010 ng
RT: 14.840 min Scan# 1964
Delta R.T. -0.023 min
Lab File: BP016430.D
Acq: 28 Jul 2023 19:07

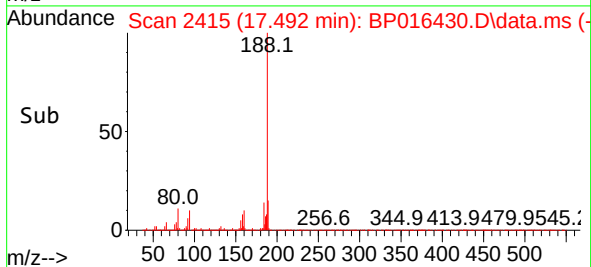
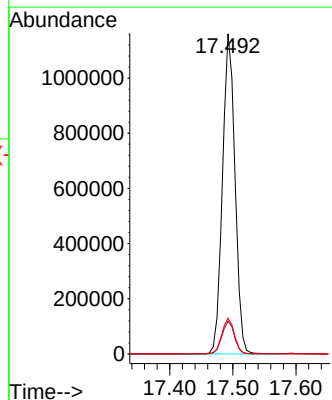
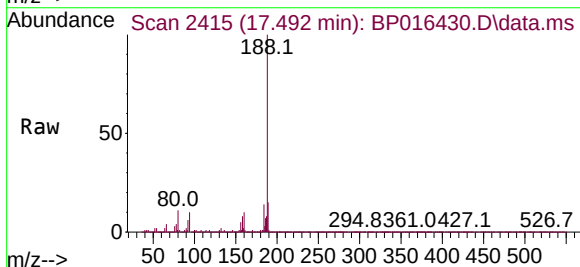
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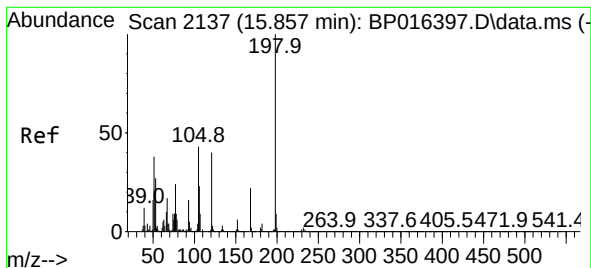
Tgt Ion:184 Resp: 45
Ion Ratio Lower Upper
184 100
63 234.3 48.2 72.4#
154 114.3 49.6 74.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP016430.D
Acq: 28 Jul 2023 19:07

Tgt Ion:188 Resp: 1594305
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.0
80 11.1 7.8 11.8

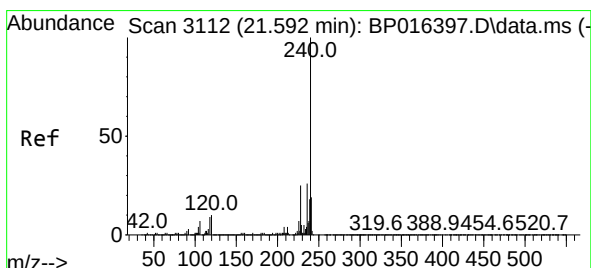
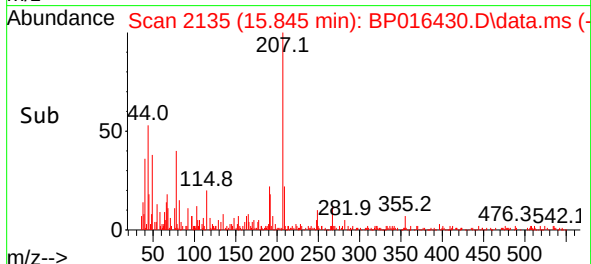
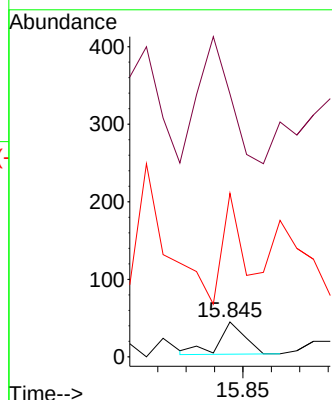
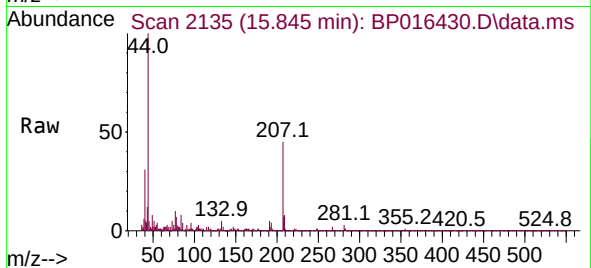




#65
4,6-Dinitro-2-methylphenol
Concen: 6.304 ng
RT: 15.845 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP016430.D
Acq: 28 Jul 2023 19:07

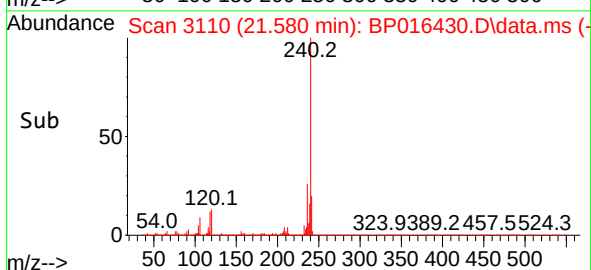
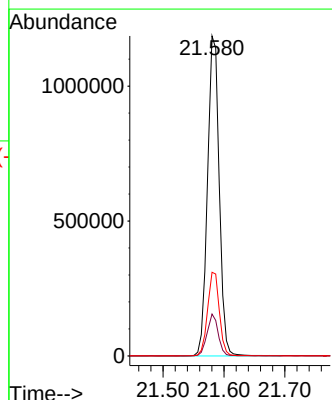
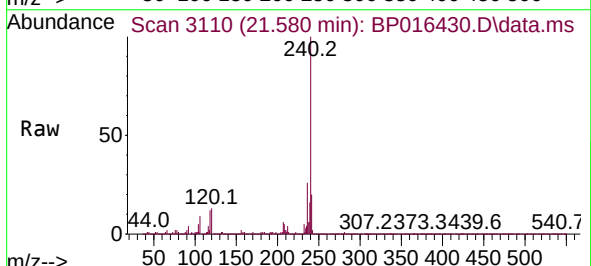
Instrument :
BNA_P
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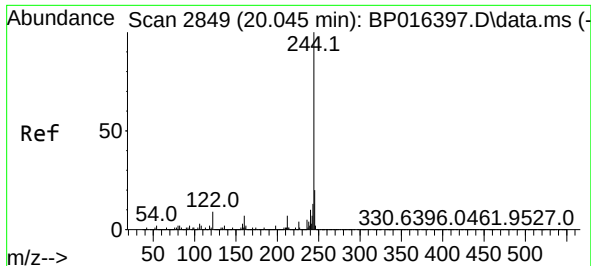
Tgt Ion:198 Resp: 26
Ion Ratio Lower Upper
198 100
51 753.3 20.1 60.1#
105 468.9 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP016430.D
Acq: 28 Jul 2023 19:07

Tgt Ion:240 Resp: 1582689
Ion Ratio Lower Upper
240 100
120 13.1 7.9 11.9#
236 26.1 21.1 31.7

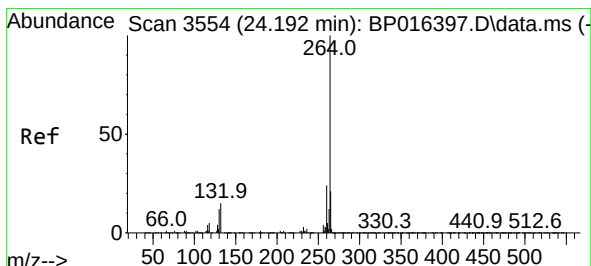
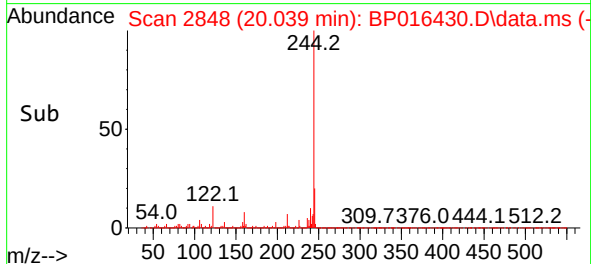
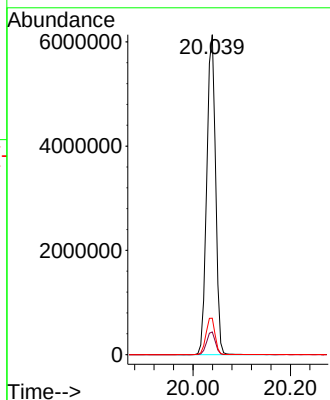
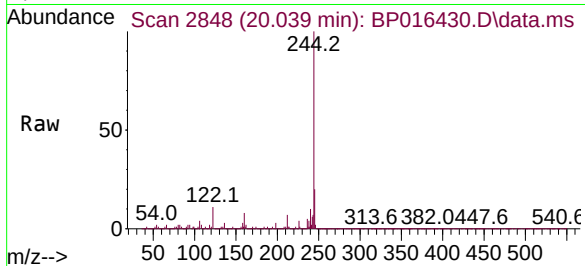




#79
 Terphenyl-d14
 Concen: 103.233 ng
 RT: 20.039 min Scan# 2849
 Delta R.T. -0.006 min
 Lab File: BP016430.D
 Acq: 28 Jul 2023 19:07

Instrument :
 BNA_P
 ClientSampleId :
 PB154489TB

Tgt Ion:244 Resp: 7734503
 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# 3552
 Delta R.T. -0.012 min
 Lab File: BP016430.D
 Acq: 28 Jul 2023 19:07

Tgt Ion:264 Resp: 1786356
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 21.4 17.4 26.0

