

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121522\
 Data File : BP013118.D
 Acq On : 15 Dec 2022 13:26
 Operator : CG/JU
 Sample : N6024-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-21

Quant Time: Dec 16 05:42:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 03:29:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

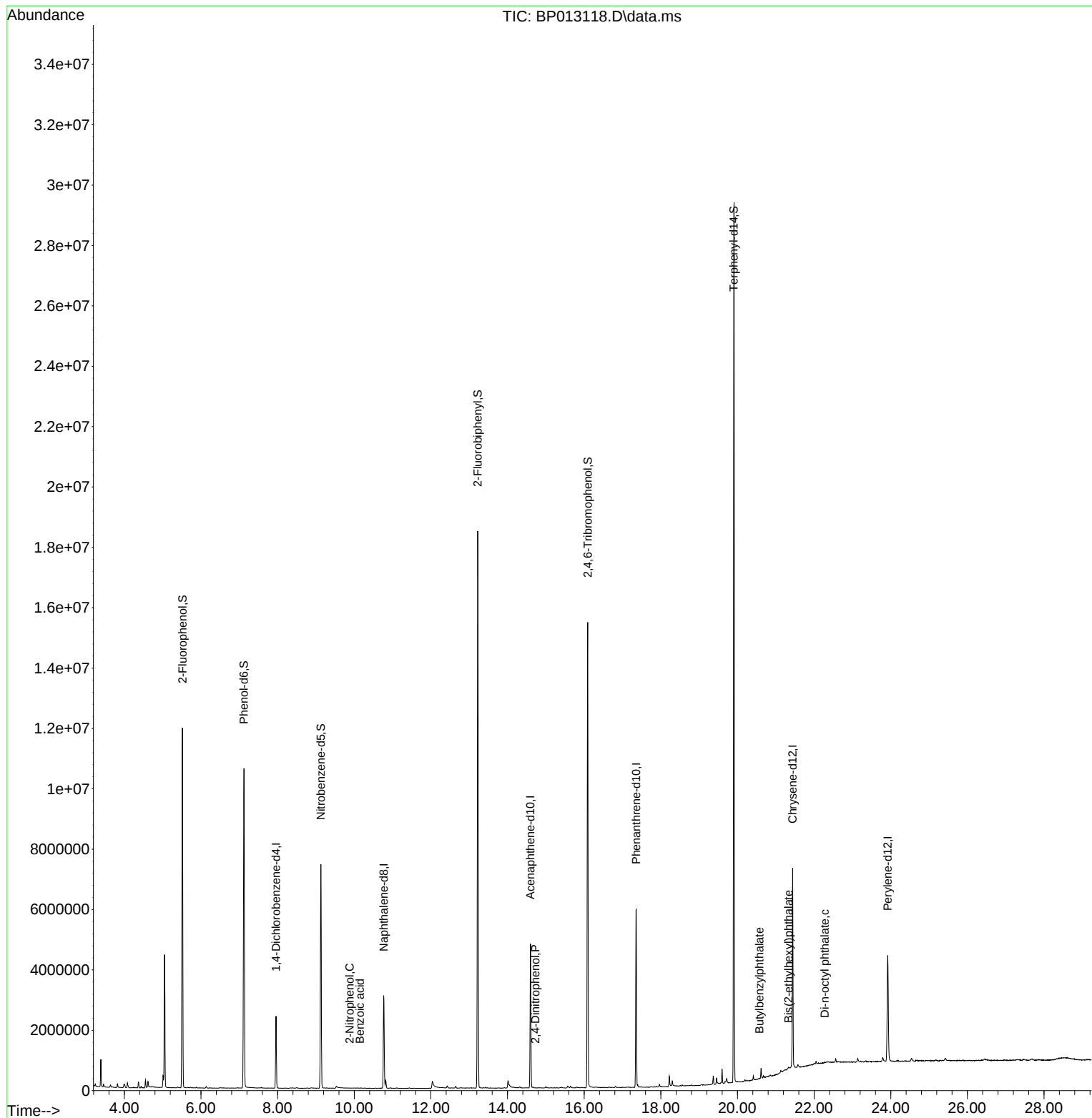
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	630765	20.000	ng	0.00
21) Naphthalene-d8	10.769	136	2531565	20.000	ng	-0.01
39) Acenaphthene-d10	14.598	164	1587048	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	3609871	20.000	ng	0.00
76) Chrysene-d12	21.439	240	3079053	20.000	ng	0.00
86) Perylene-d12	23.922	264	2811314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	5181741	150.099	ng	0.00
7) Phenol-d6	7.122	99	6320352	140.192	ng	0.00
23) Nitrobenzene-d5	9.128	82	4155167	89.982	ng	0.00
42) 2,4,6-Tribromophenol	16.093	330	3311614	173.067	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	9855141	84.315	ng	0.00
79) Terphenyl-d14	19.904	244	13416776	85.967	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.881	139	1022	2.829	ng	# 86
32) Benzoic acid	10.146	122	193	4.381	ng	# 1
54) 2,4-Dinitrophenol	14.728	184	99	3.603	ng	# 6
80) Butylbenzylphthalate	20.575	149	4666	2.149	ng	# 92
84) Bis(2-ethylhexyl)phtha...	21.333	149	13469	2.897	ng	# 95
85) Di-n-octyl phthalate	22.280	149	8317	2.216	ng	# 98

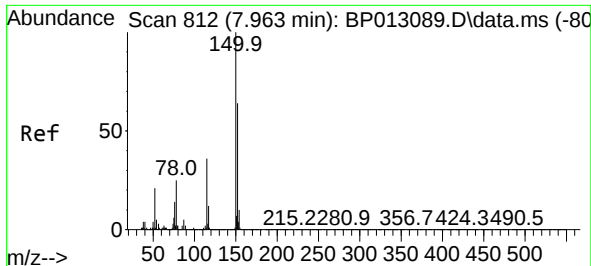
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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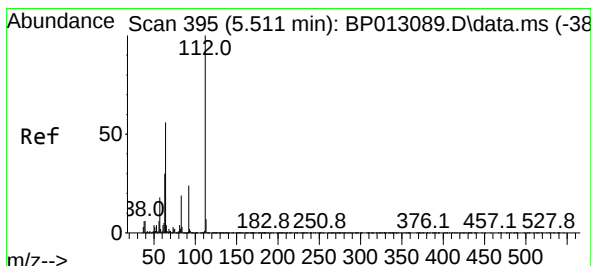
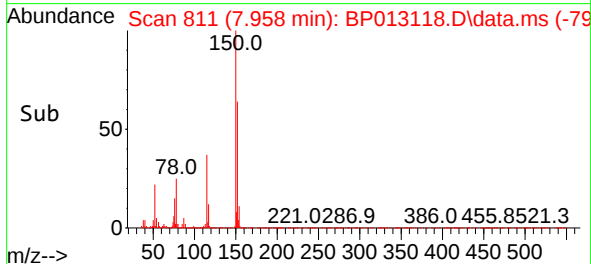
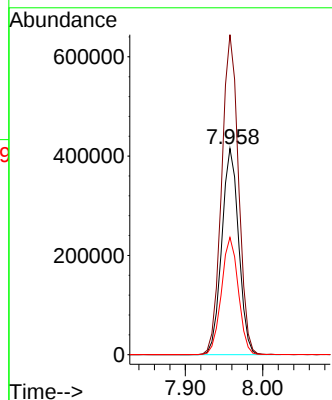
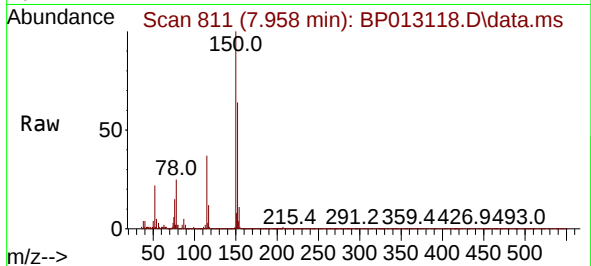




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 811
Delta R.T. -0.005 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

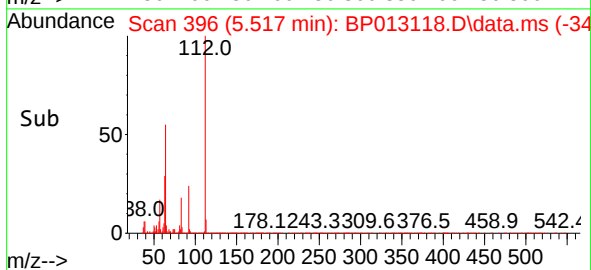
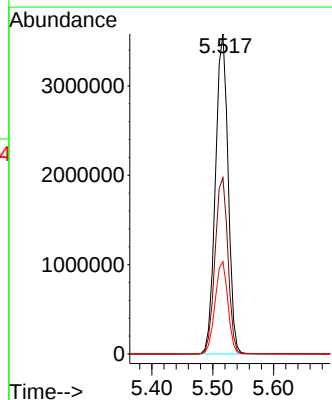
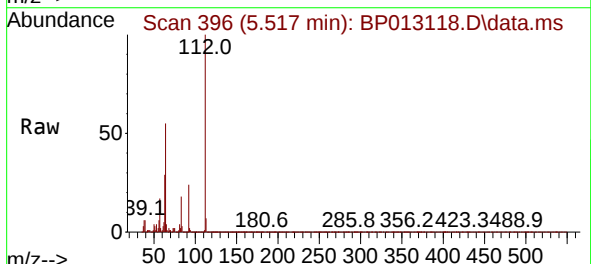
Instrument :
BNA_P
ClientSampleId :
MH-21

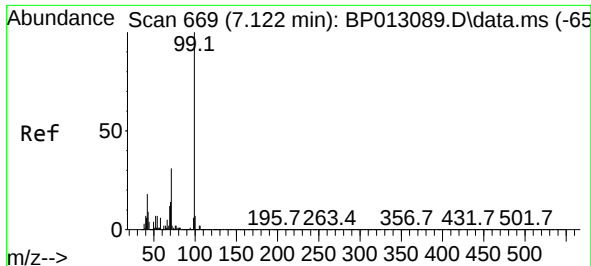
Tgt Ion:152 Resp: 630765
Ion Ratio Lower Upper
152 100
150 155.2 125.3 187.9
115 56.9 45.6 68.4



#5
2-Fluorophenol
Concen: 150.099 ng
RT: 5.517 min Scan# 396
Delta R.T. 0.006 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

Tgt Ion:112 Resp: 5181741
Ion Ratio Lower Upper
112 100
64 55.1 45.1 67.7
63 28.8 23.8 35.6



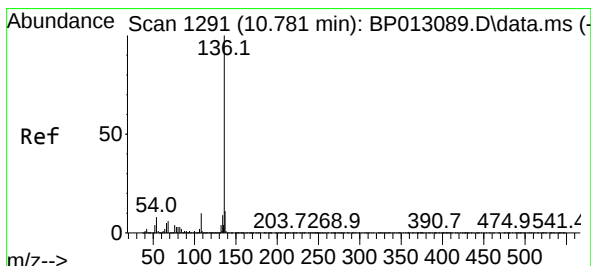
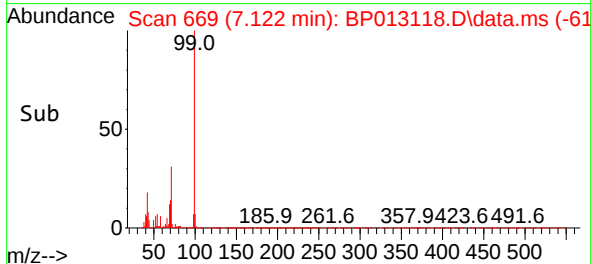
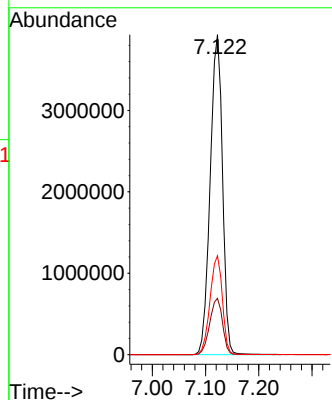
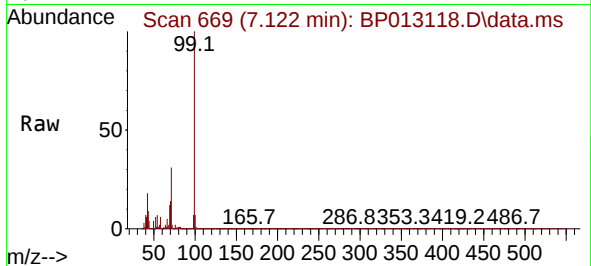


#7
Phenol-d6
Concen: 140.192 ng
RT: 7.122 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

Instrument :
BNA_P
ClientSampleId :
MH-21

Tgt Ion: 99 Resp: 6320352

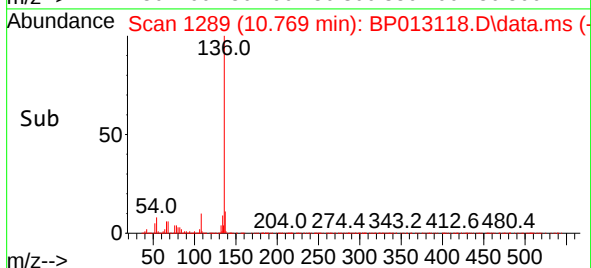
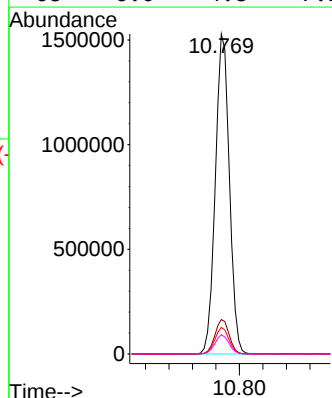
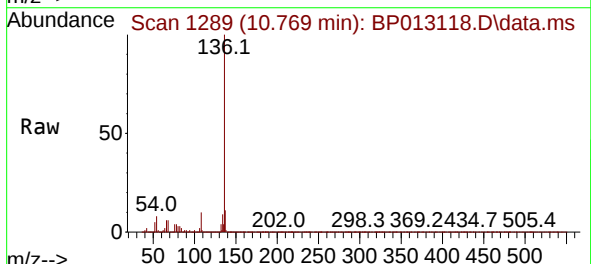
Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.2	21.4
71	30.9	24.7	37.1

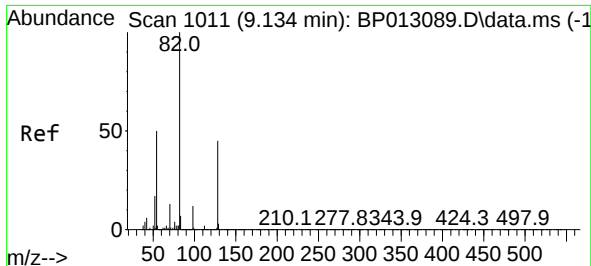


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.769 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

Tgt Ion:136 Resp: 2531565

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.3	6.2	9.4
68	6.0	4.8	7.2

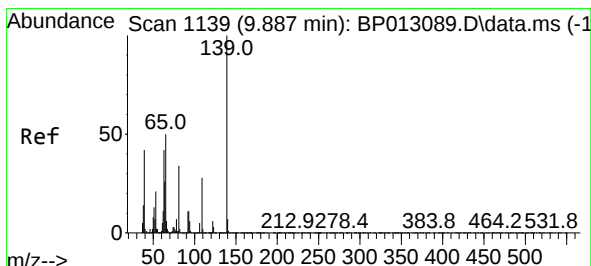
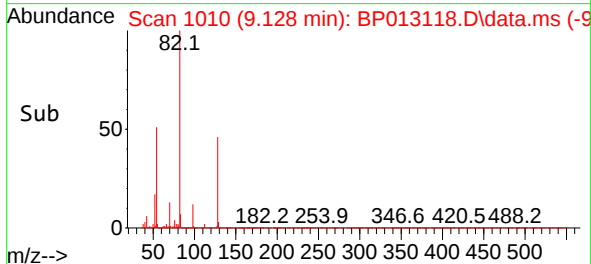
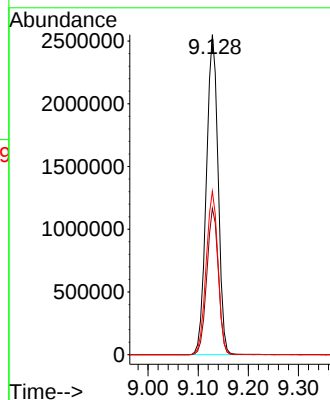
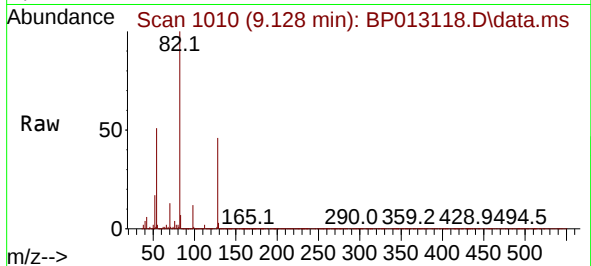




#23
Nitrobenzene-d5
Concen: 89.982 ng
RT: 9.128 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

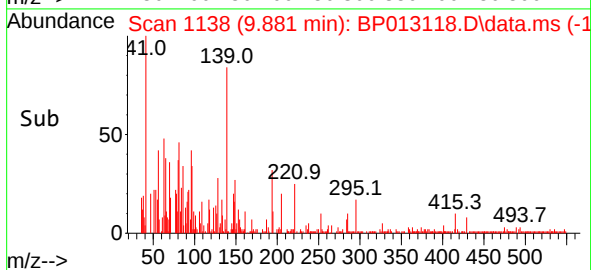
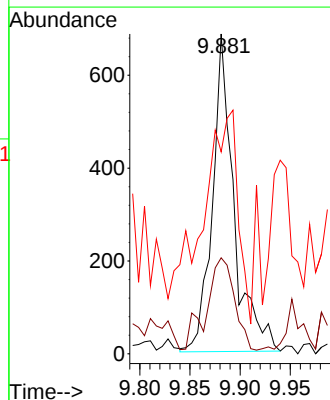
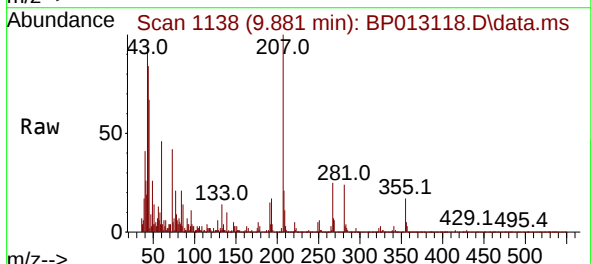
Instrument :
BNA_P
ClientSampleId :
MH-21

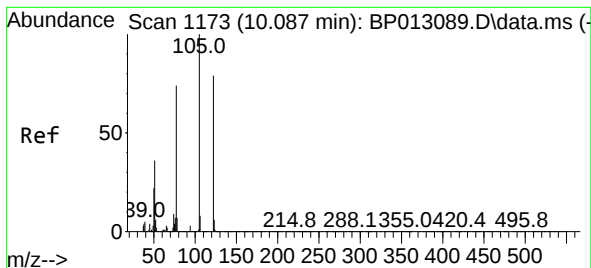
Tgt Ion: 82 Resp: 4155167
Ion Ratio Lower Upper
82 100
128 45.7 35.9 53.9
54 51.1 40.4 60.6



#26
2-Nitrophenol
Concen: 2.829 ng
RT: 9.881 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

Tgt Ion:139 Resp: 1022
Ion Ratio Lower Upper
139 100
109 30.0 22.5 33.7
65 63.1 39.9 59.9#





#32

Benzoic acid

Concen: 4.381 ng

RT: 10.146 min Scan# 1173

Delta R.T. 0.059 min

Lab File: BP013118.D

Acq: 15 Dec 2022 13:26

Instrument :

BNA_P

ClientSampleId :

MH-21

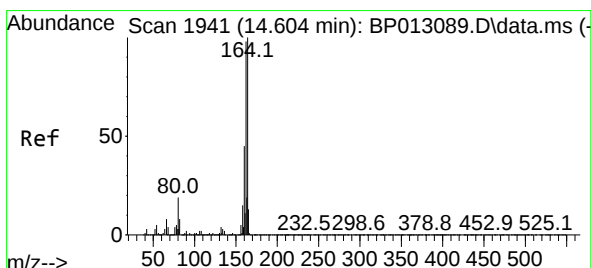
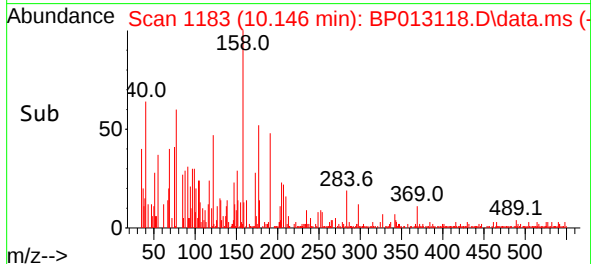
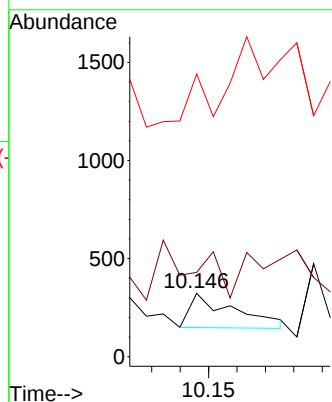
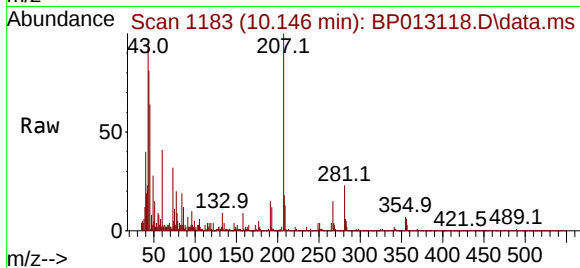
Tgt Ion:122 Resp: 193

Ion Ratio Lower Upper

122 100

105 126.8 101.9 141.9

77 425.1 71.7 111.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.598 min Scan# 1940

Delta R.T. -0.006 min

Lab File: BP013118.D

Acq: 15 Dec 2022 13:26

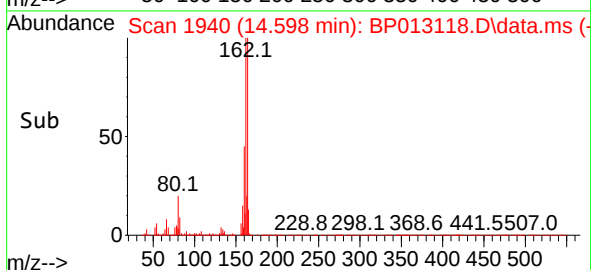
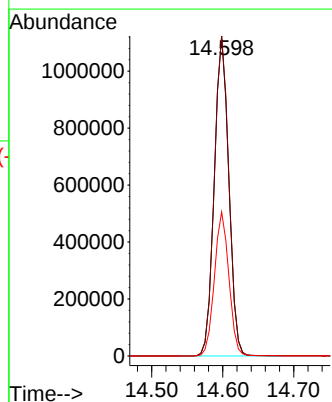
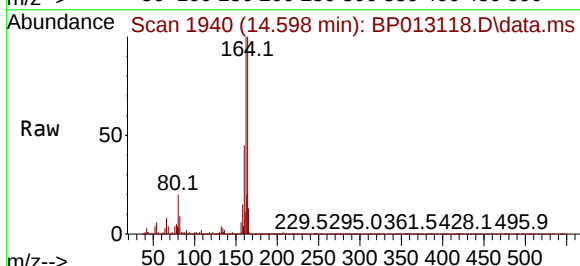
Tgt Ion:164 Resp: 1587048

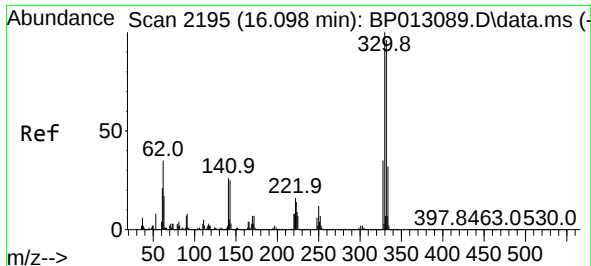
Ion Ratio Lower Upper

164 100

162 100.0 78.8 118.2

160 45.0 36.0 54.0

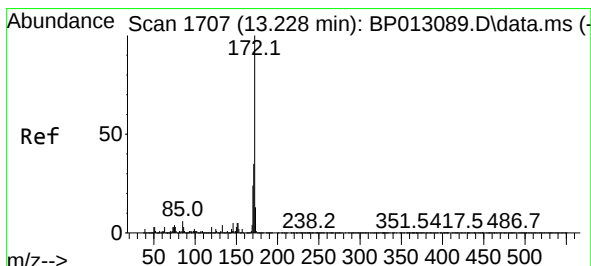
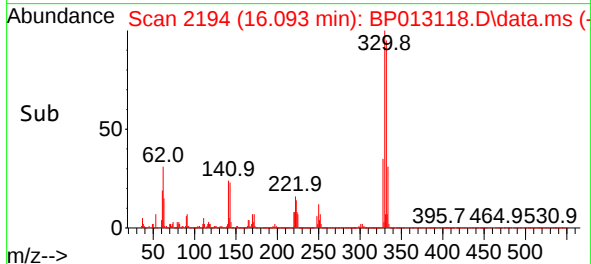
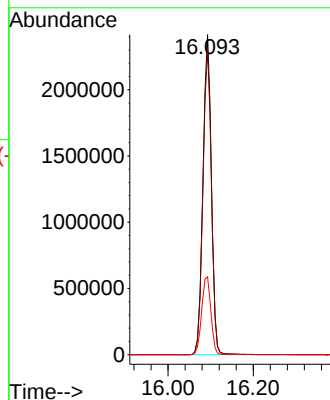
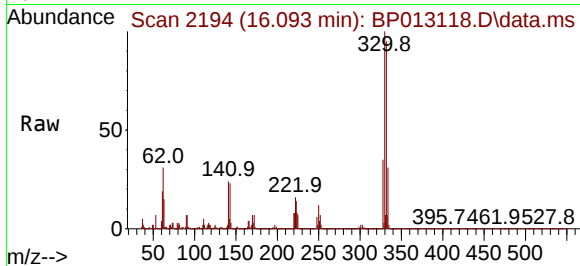




#42
2,4,6-Tribromophenol
Concen: 173.067 ng
RT: 16.093 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

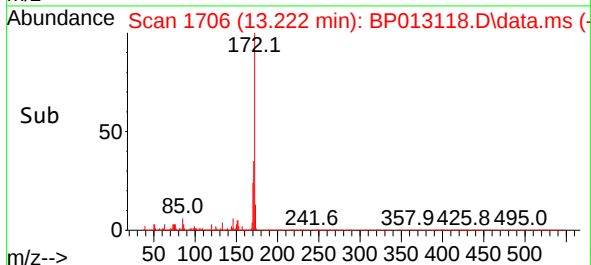
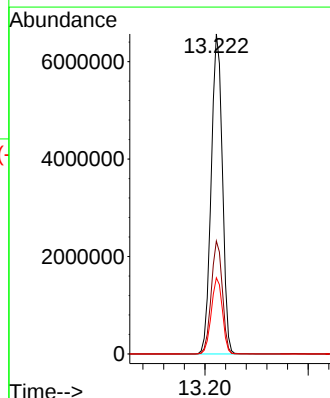
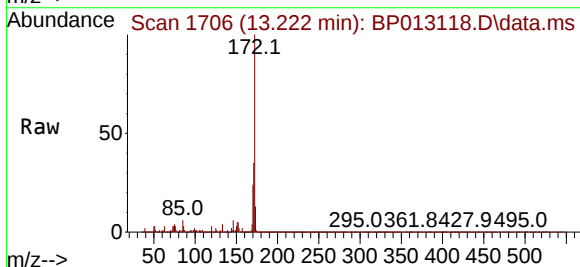
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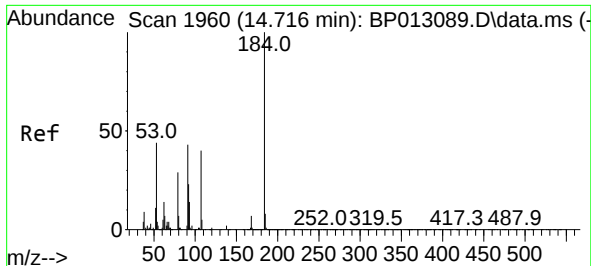
Tgt Ion:330 Resp: 3311614
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 26.7 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 84.315 ng
RT: 13.222 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

Tgt Ion:172 Resp: 9855141
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.8 19.2 28.8

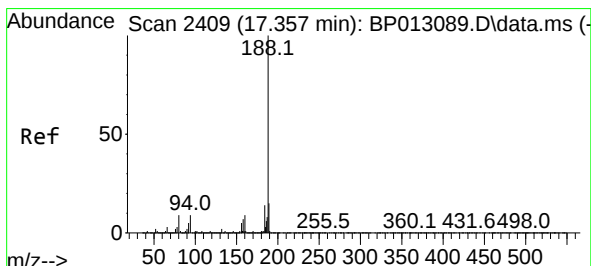
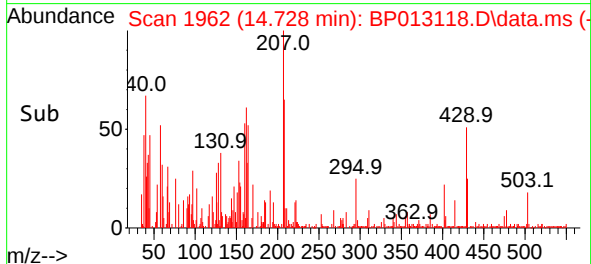
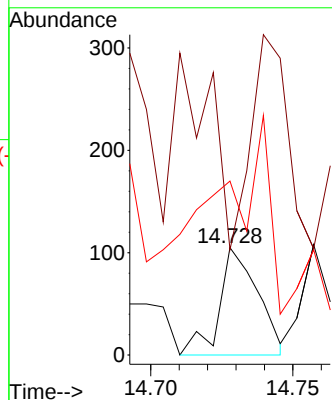
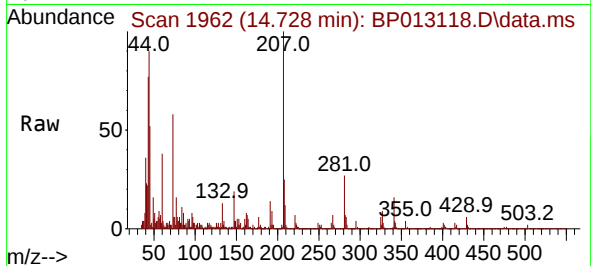




#54
2,4-Dinitrophenol
Concen: 3.603 ng
RT: 14.728 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

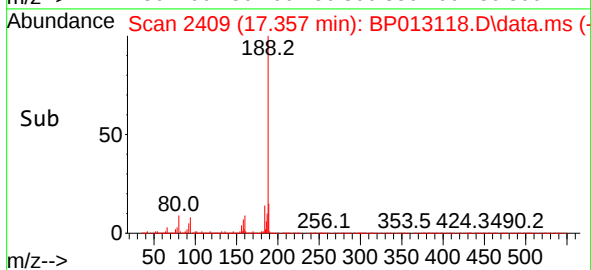
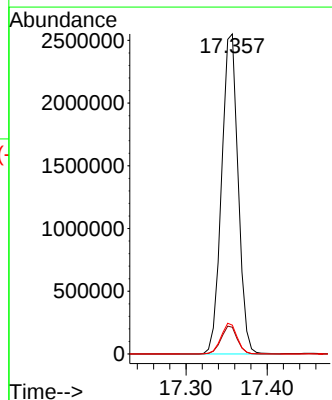
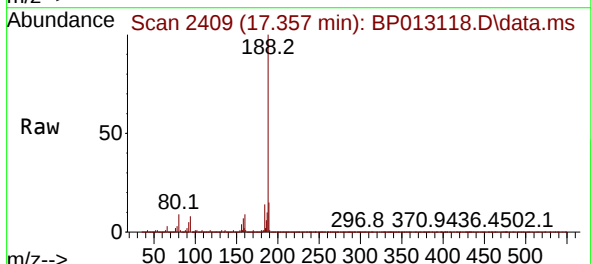
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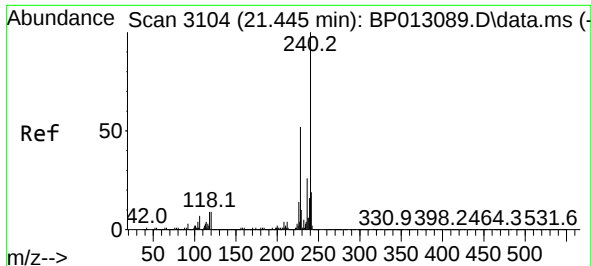
Tgt Ion:184 Resp: 99
Ion Ratio Lower Upper
184 100
63 97.2 47.6 71.4#
154 160.4 45.5 68.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

Tgt Ion:188 Resp: 3609871
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 9.0 7.5 11.3

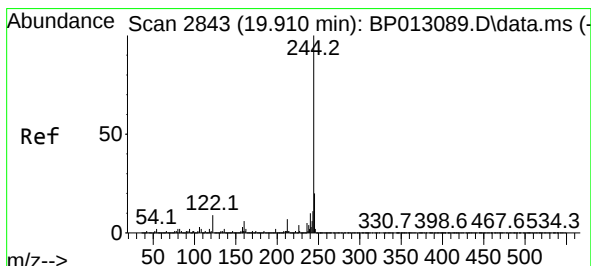
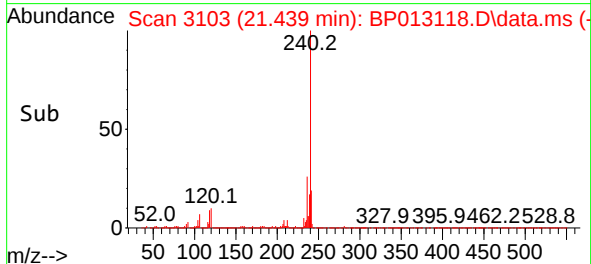
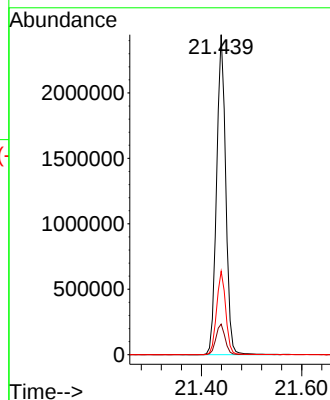
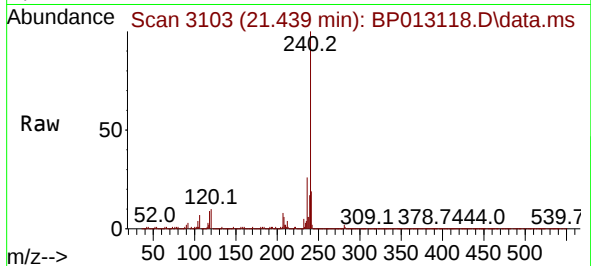




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

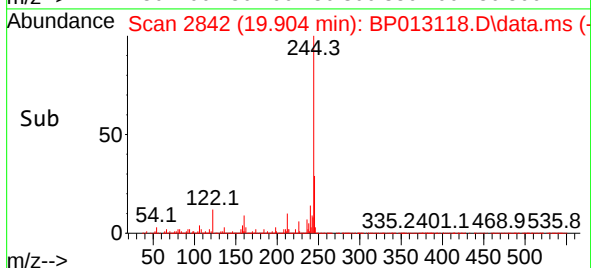
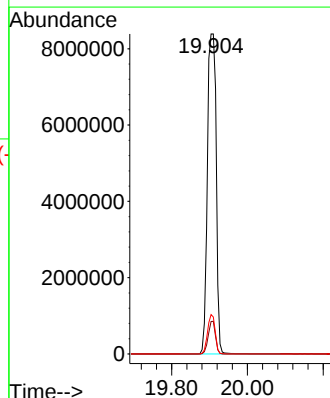
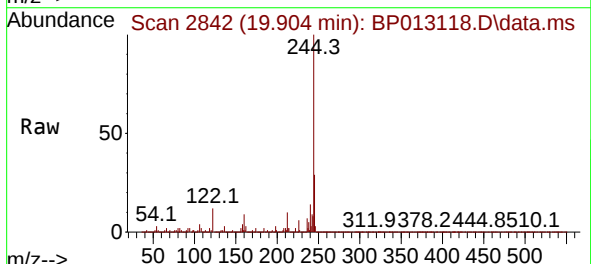
Instrument :
BNA_P
ClientSampleId :
MH-21

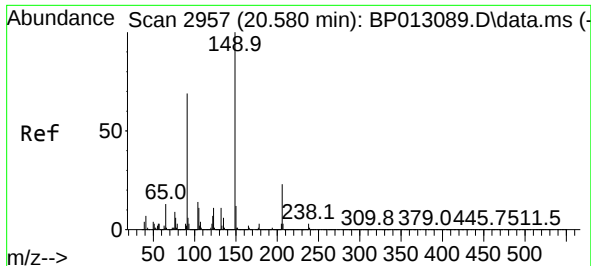
Tgt Ion:240 Resp: 3079053
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.2
236 26.0 21.0 31.4



#79
Terphenyl-d14
Concen: 85.967 ng
RT: 19.904 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

Tgt Ion:244 Resp:13416776
Ion Ratio Lower Upper
244 100
212 10.1 5.5 8.3#
122 12.3 7.2 10.8#

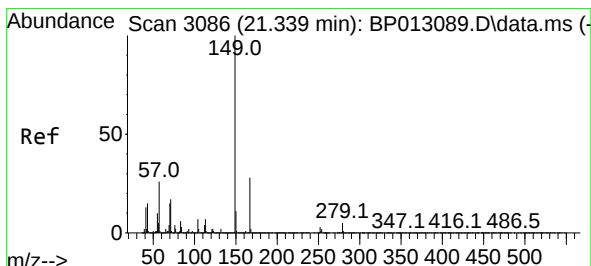
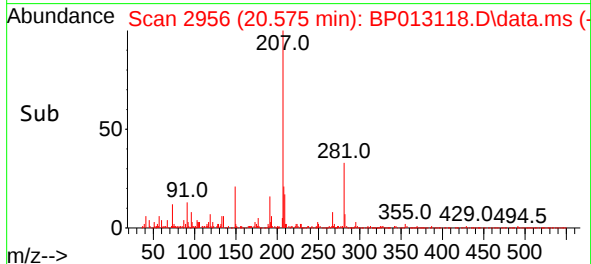
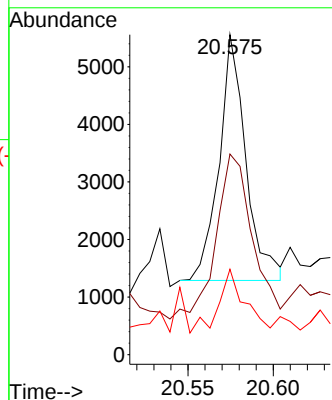
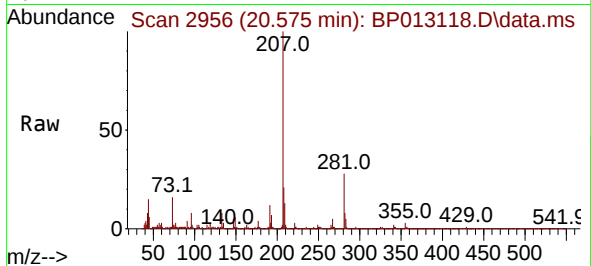




#80
 Butylbenzylphthalate
 Concen: 2.149 ng
 RT: 20.575 min Scan# 2956
 Delta R.T. -0.005 min
 Lab File: BP013118.D
 Acq: 15 Dec 2022 13:26

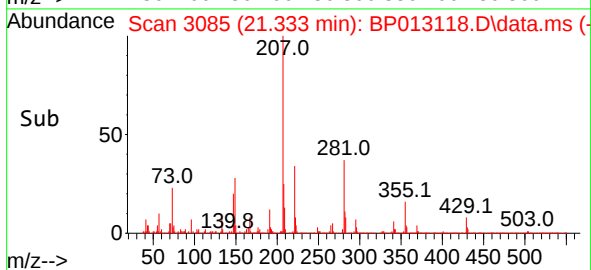
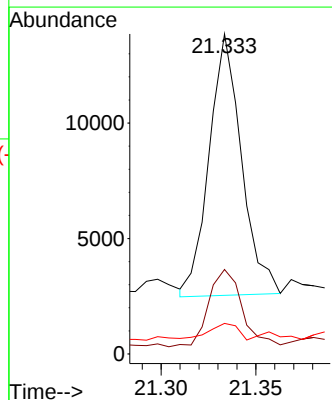
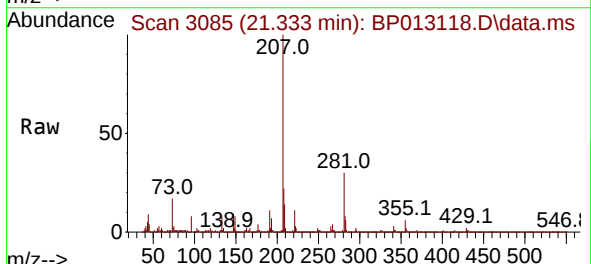
Instrument :
 BNA_P
 ClientSampleId :
 MH-21

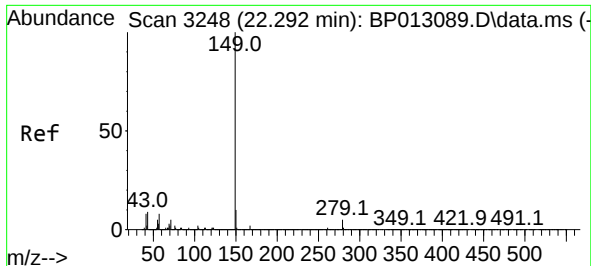
Tgt Ion:149 Resp: 4666
 Ion Ratio Lower Upper
 149 100
 91 62.7 55.2 82.8
 206 26.7 18.3 27.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.897 ng
 RT: 21.333 min Scan# 3085
 Delta R.T. -0.006 min
 Lab File: BP013118.D
 Acq: 15 Dec 2022 13:26

Tgt Ion:149 Resp: 13469
 Ion Ratio Lower Upper
 149 100
 167 26.4 22.6 34.0
 279 9.6 3.8 5.6#

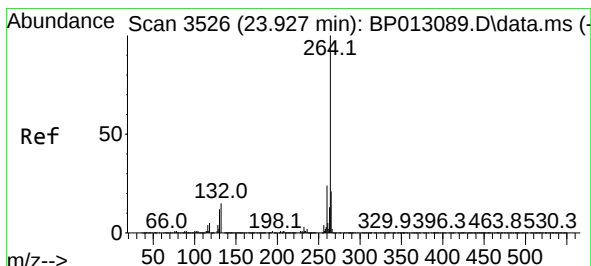
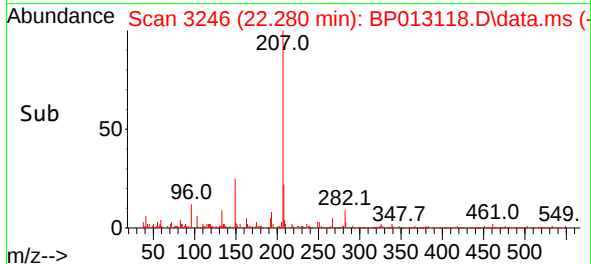
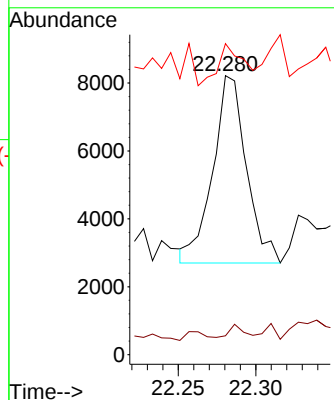
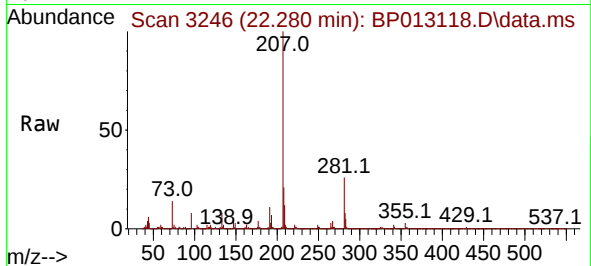




#85
Di-n-octyl phthalate
Concen: 2.216 ng
RT: 22.280 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

Instrument :
BNA_P
ClientSampleId :
MH-21

Tgt Ion:149 Resp: 8317
Ion Ratio Lower Upper
149 100
167 2.8 1.3 1.9#
43 10.4 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.922 min Scan# 3525
Delta R.T. -0.006 min
Lab File: BP013118.D
Acq: 15 Dec 2022 13:26

Tgt Ion:264 Resp: 2811314
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 21.8 17.7 26.5

