

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121522\
 Data File : BP013119.D
 Acq On : 15 Dec 2022 14:01
 Operator : CG/JU
 Sample : N6048-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-22

Quant Time: Dec 16 05:42:54 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)

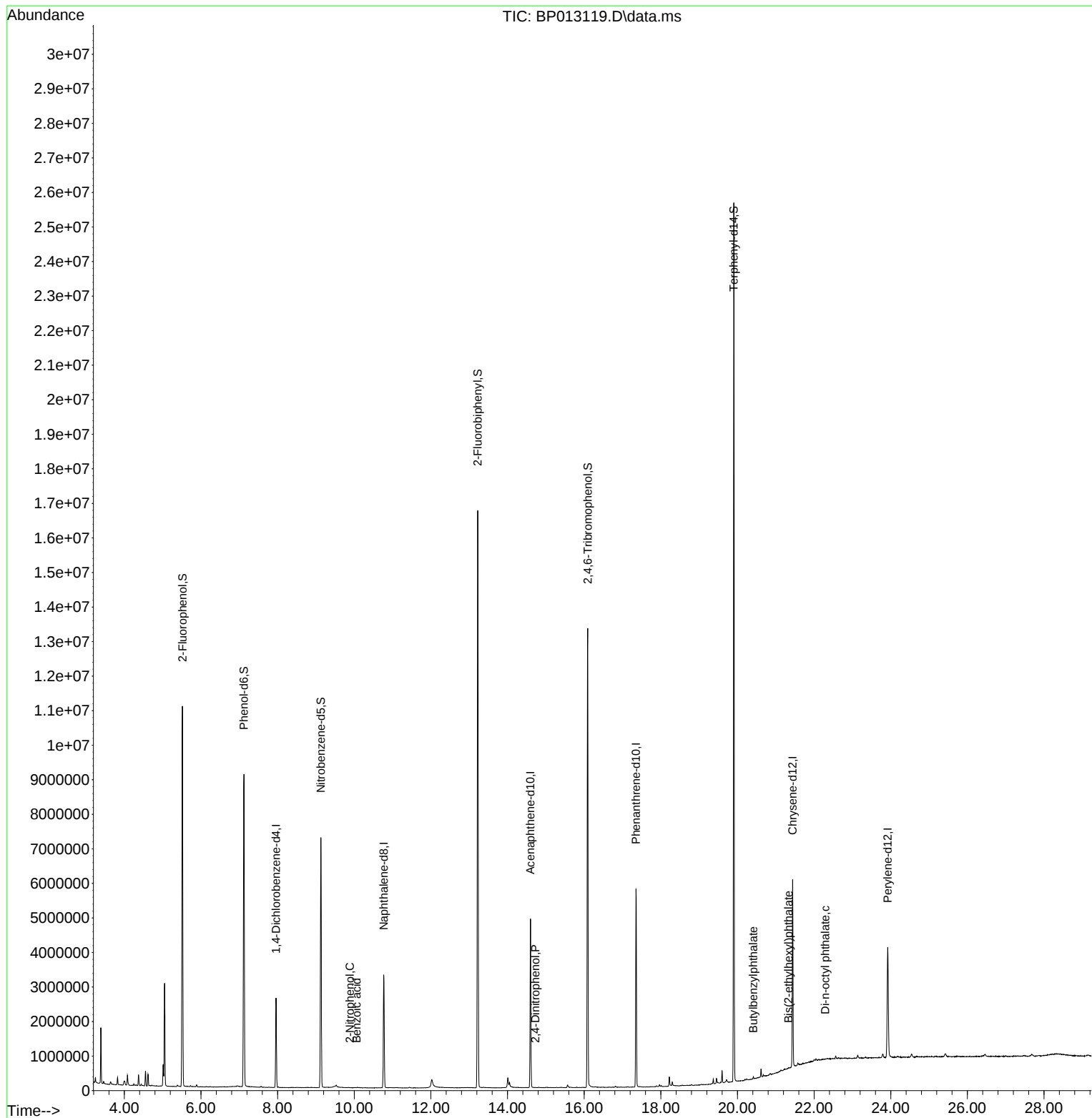
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	690978	20.000	ng	0.00
21) Naphthalene-d8	10.769	136	2693151	20.000	ng	-0.01
39) Acenaphthene-d10	14.599	164	1595138	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	3403616	20.000	ng	0.00
76) Chrysene-d12	21.439	240	2602177	20.000	ng	0.00
86) Perylene-d12	23.922	264	2543705	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	4760380	125.877	ng	0.00
7) Phenol-d6	7.122	99	5390297	109.143	ng	0.00
23) Nitrobenzene-d5	9.128	82	4012016	81.669	ng	0.00
42) 2,4,6-Tribromophenol	16.093	330	2728680	141.880	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	9120155	77.631	ng	0.00
79) Terphenyl-d14	19.904	244	11811443	89.550	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.887	139	261	2.799	ng	# 74
32) Benzoic acid	10.063	122	1268	4.413	ng	# 42
54) 2,4-Dinitrophenol	14.728	184	36	3.600	ng	# 1
80) Butylbenzylphthalate	20.410	149	1619	2.116	ng	# 86
84) Bis(2-ethylhexyl)phtha...	21.333	149	6646	2.849	ng	# 98
85) Di-n-octyl phthalate	22.292	149	2166	2.182	ng	# 71

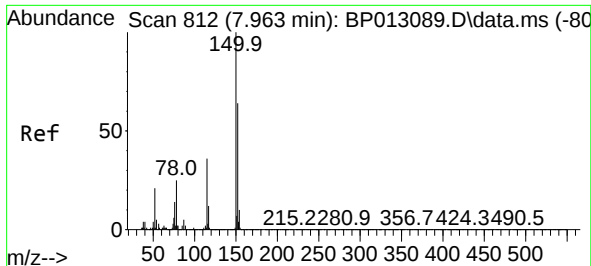
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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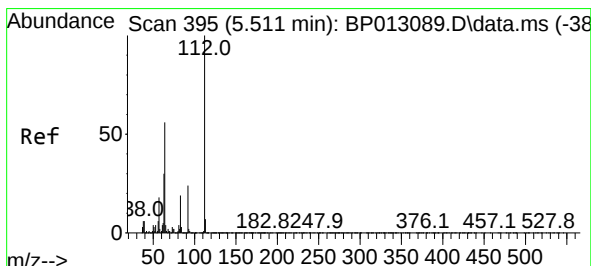
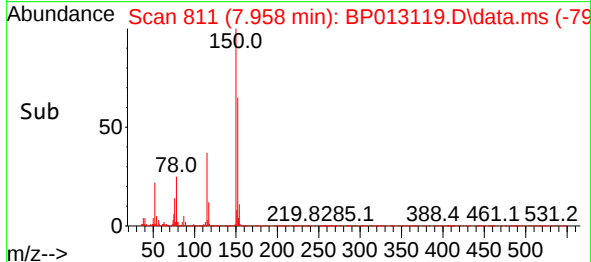
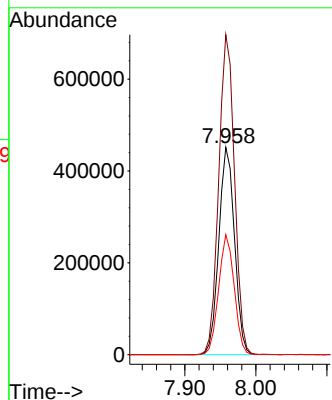
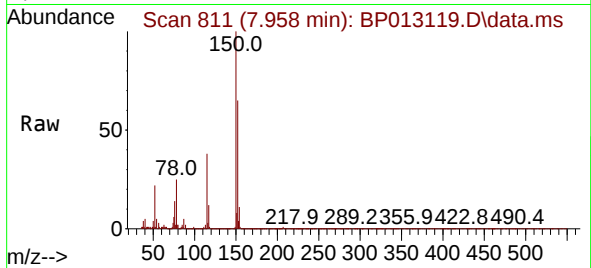




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 811
Delta R.T. -0.005 min
Lab File: BP013119.D
Acq: 15 Dec 2022 14:01

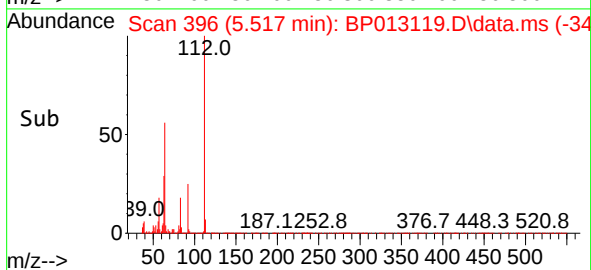
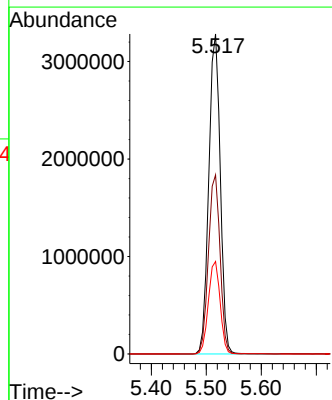
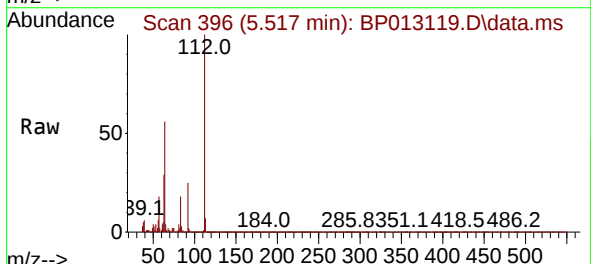
Instrument :
BNA_P
ClientSampleId :
MH-22

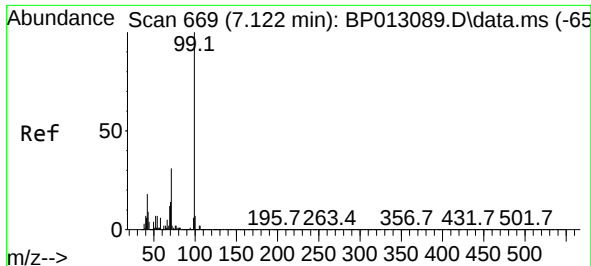
Tgt Ion:152 Resp: 690978
Ion Ratio Lower Upper
152 100
150 154.3 125.3 187.9
115 57.9 45.6 68.4



#5
2-Fluorophenol
Concen: 125.877 ng
RT: 5.517 min Scan# 396
Delta R.T. 0.006 min
Lab File: BP013119.D
Acq: 15 Dec 2022 14:01

Tgt Ion:112 Resp: 4760380
Ion Ratio Lower Upper
112 100
64 56.0 45.1 67.7
63 28.9 23.8 35.6

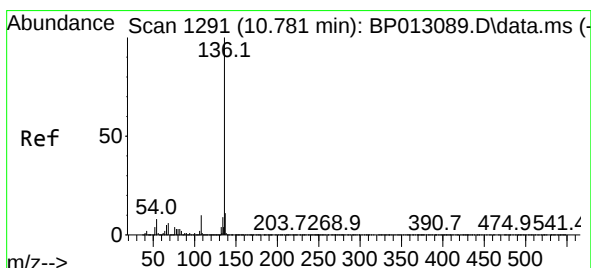
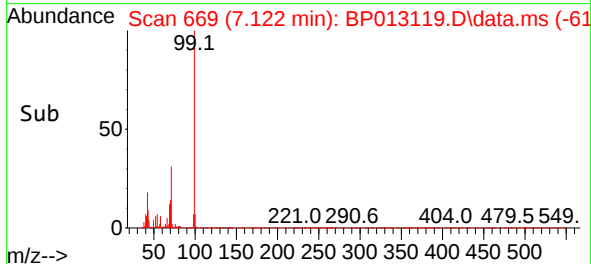
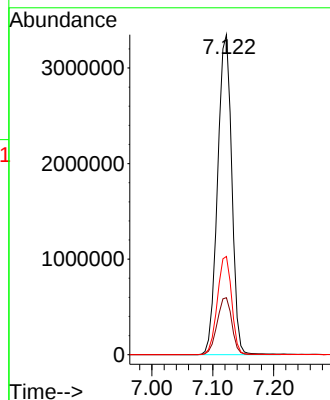
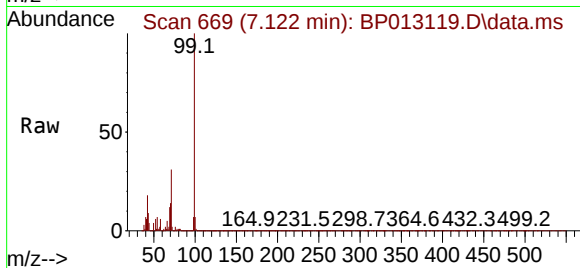




#7
Phenol-d6
Concen: 109.143 ng
RT: 7.122 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP013119.D
Acq: 15 Dec 2022 14:01

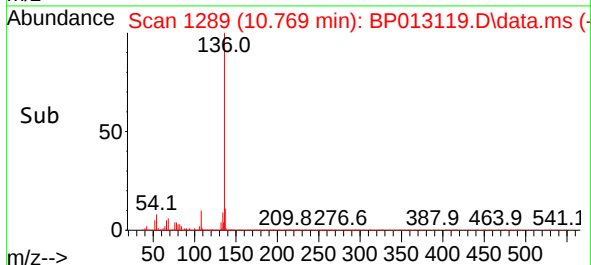
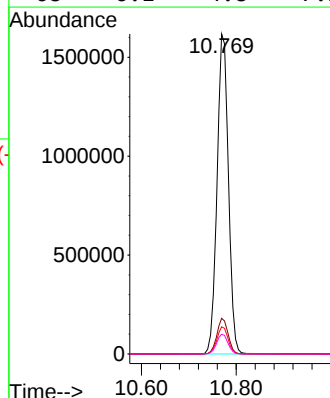
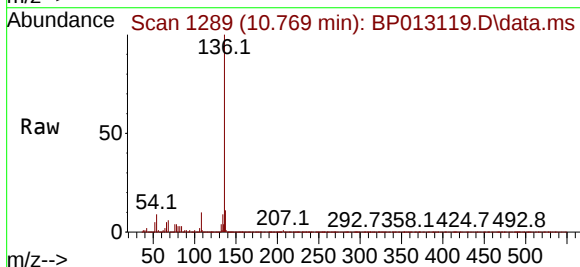
Instrument :
BNA_P
ClientSampleId :
MH-22

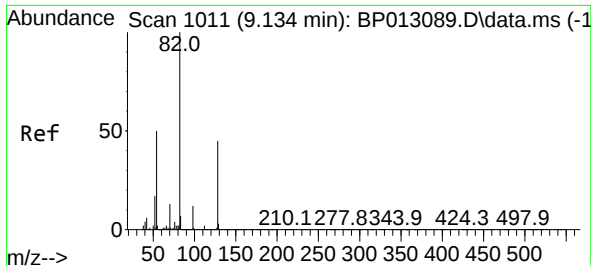
Tgt Ion: 99 Resp: 5390297
Ion Ratio Lower Upper
99 100
42 17.8 14.2 21.4
71 30.7 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.769 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BP013119.D
Acq: 15 Dec 2022 14:01

Tgt Ion:136 Resp: 2693151
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.5 6.2 9.4
68 6.1 4.8 7.2

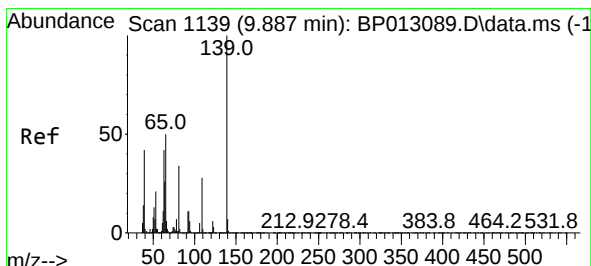
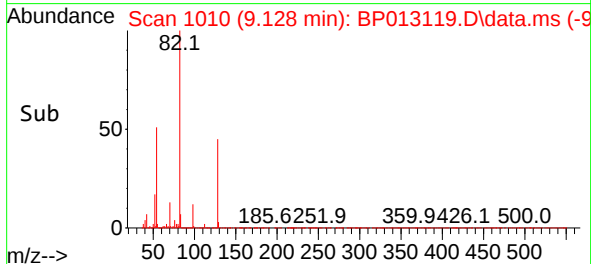
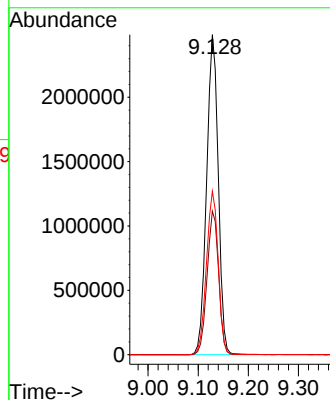
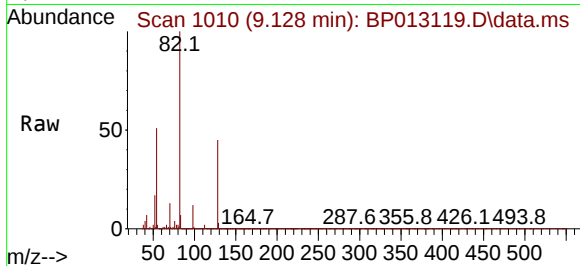




#23
Nitrobenzene-d5
Concen: 81.669 ng
RT: 9.128 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP013119.D
Acq: 15 Dec 2022 14:01

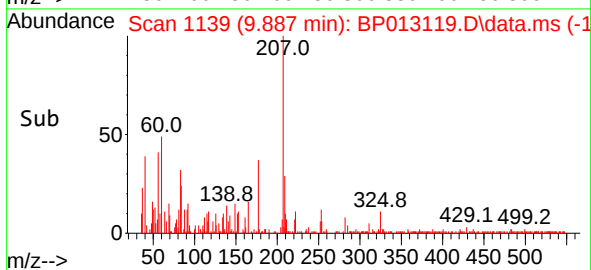
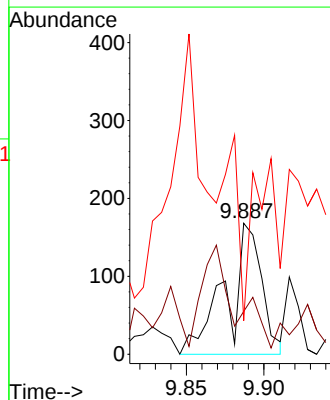
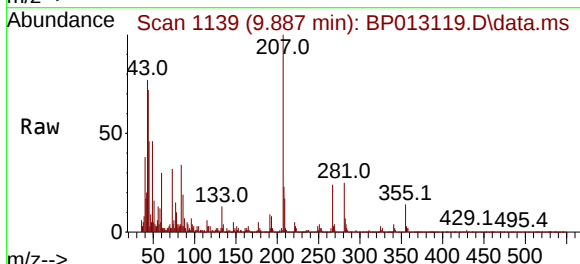
Instrument :
BNA_P
ClientSampleId :
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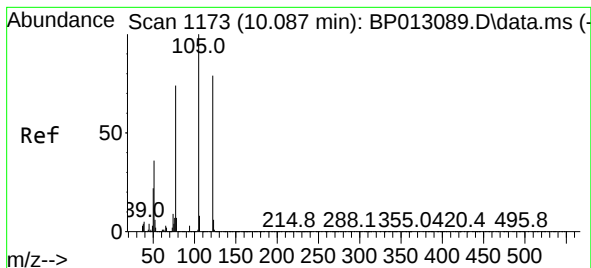
Tgt Ion: 82 Resp: 4012016
Ion Ratio Lower Upper
82 100
128 44.8 35.9 53.9
54 51.1 40.4 60.6



#26
2-Nitrophenol
Concen: 2.799 ng
RT: 9.887 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BP013119.D
Acq: 15 Dec 2022 14:01

Tgt Ion:139 Resp: 261
Ion Ratio Lower Upper
139 100
109 31.4 22.5 33.7
65 24.6 39.9 59.9#





#32

Benzoic acid

Concen: 4.413 ng

RT: 10.063 min Scan# 1169

Delta R.T. -0.024 min

Lab File: BP013119.D

Acq: 15 Dec 2022 14:01

Instrument :

BNA_P

ClientSampleId :

MH-22

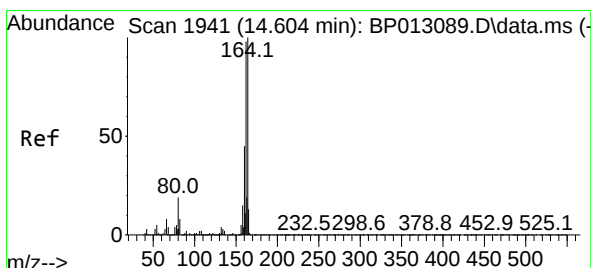
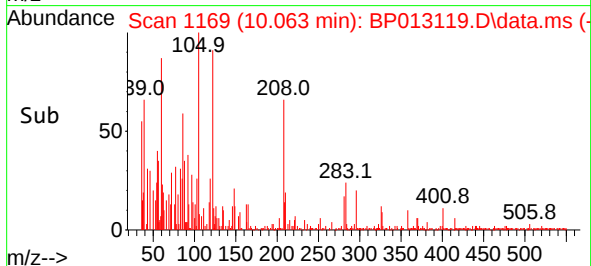
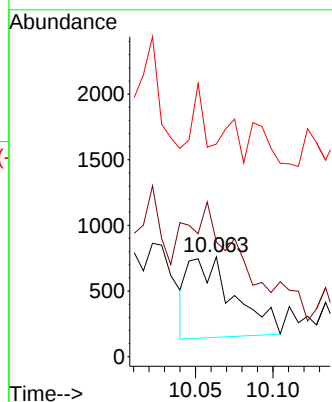
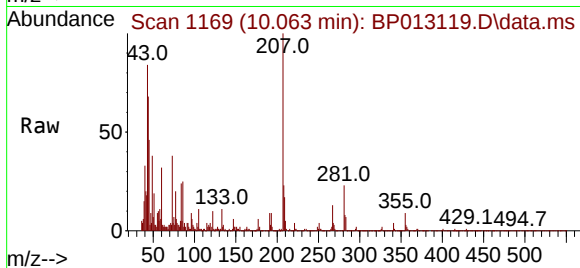
Tgt Ion:122 Resp: 1268

Ion Ratio Lower Upper

122 100

105 114.7 101.9 141.9

77 212.9 71.7 111.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.599 min Scan# 1940

Delta R.T. -0.005 min

Lab File: BP013119.D

Acq: 15 Dec 2022 14:01

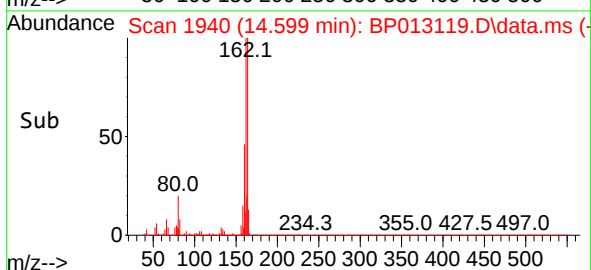
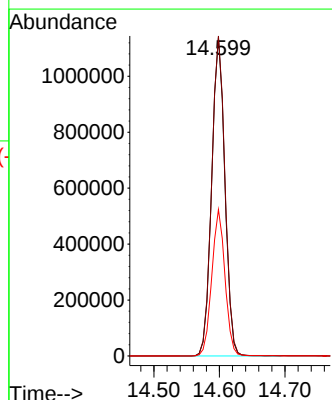
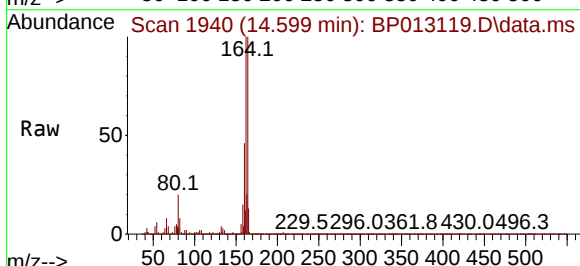
Tgt Ion:164 Resp: 1595138

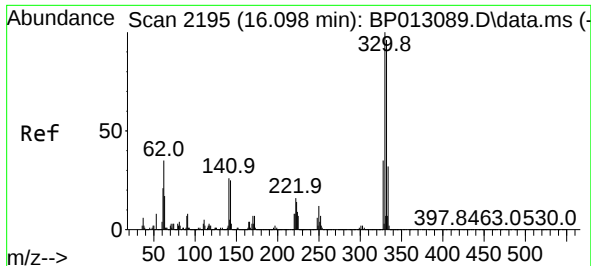
Ion Ratio Lower Upper

164 100

162 100.4 78.8 118.2

160 46.0 36.0 54.0

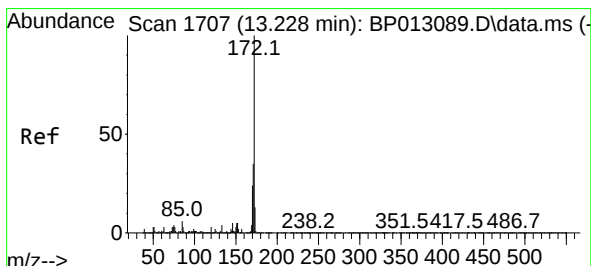
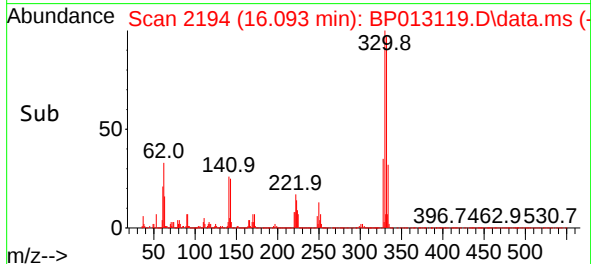
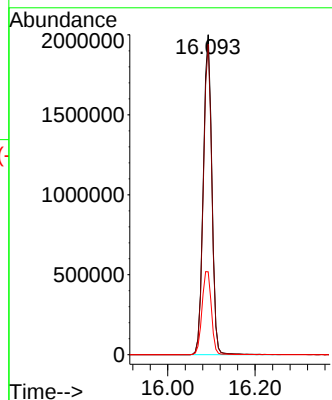
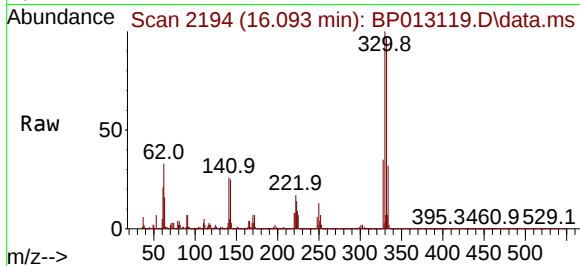




#42
2,4,6-Tribromophenol
Concen: 141.880 ng
RT: 16.093 min Scan# 2195
Delta R.T. -0.005 min
Lab File: BP013119.D
Acq: 15 Dec 2022 14:01

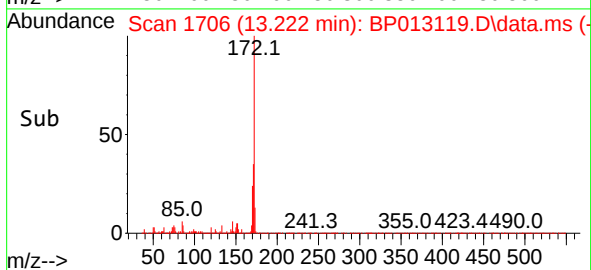
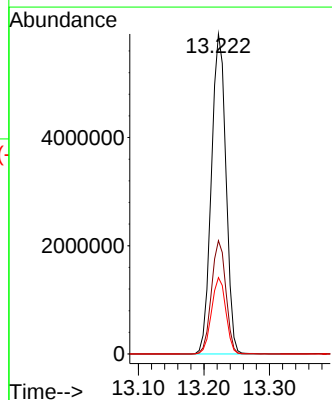
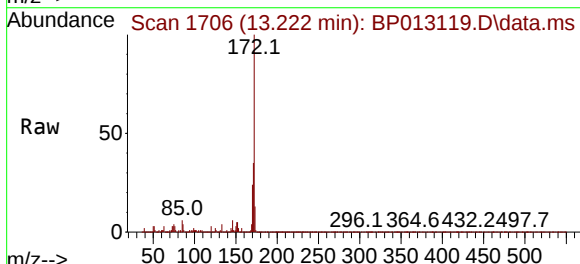
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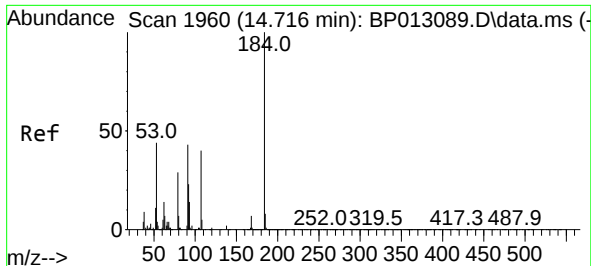
Tgt Ion:330 Resp: 2728680
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 28.5 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 77.631 ng
RT: 13.222 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BP013119.D
Acq: 15 Dec 2022 14:01

Tgt Ion:172 Resp: 9120155
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.8 19.2 28.8

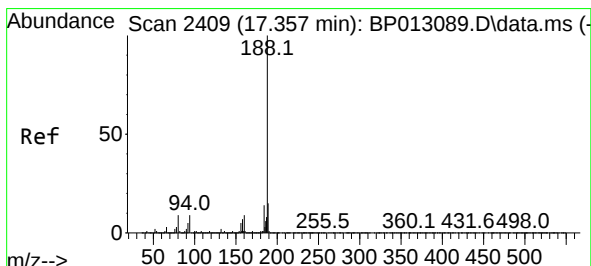
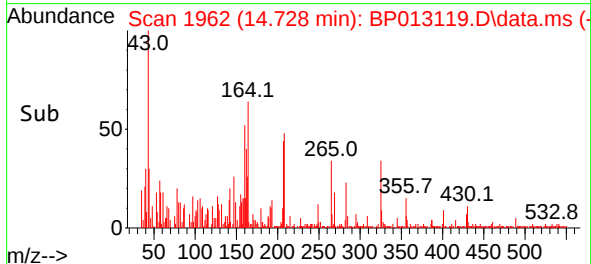
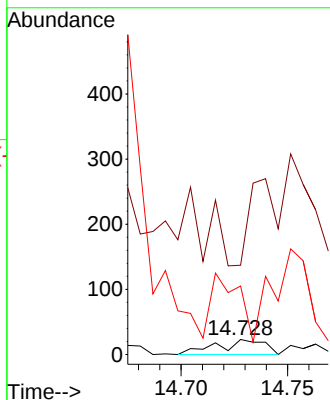
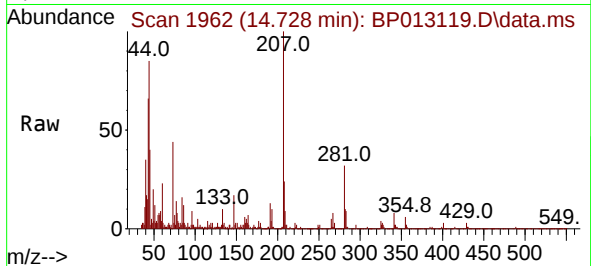




#54
2,4-Dinitrophenol
Concen: 3.600 ng
RT: 14.728 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP013119.D
Acq: 15 Dec 2022 14:01

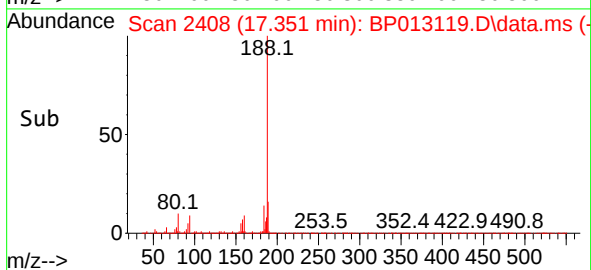
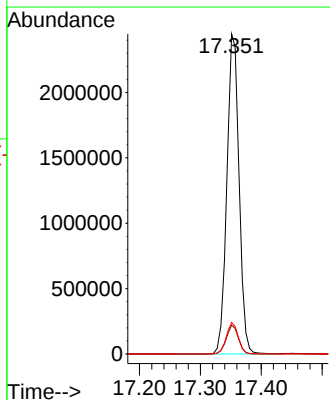
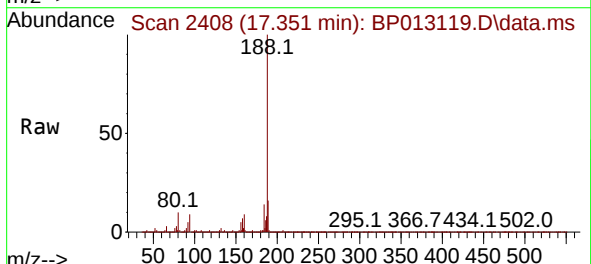
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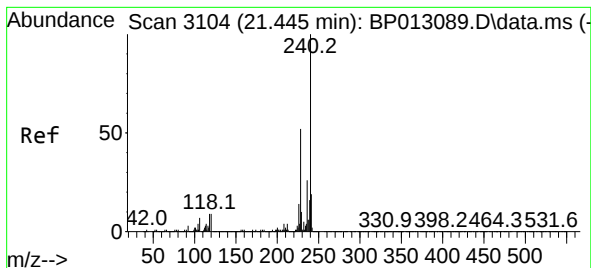
Tgt Ion:184 Resp: 36
Ion Ratio Lower Upper
184 100
63 595.7 47.6 71.4#
154 456.5 45.5 68.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP013119.D
Acq: 15 Dec 2022 14:01

Tgt Ion:188 Resp: 3403616
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.8 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: BP013119.D

Acq: 15 Dec 2022 14:01

Instrument :

BNA_P

ClientSampleId :

MH-22

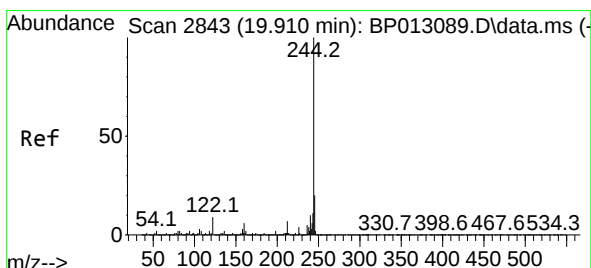
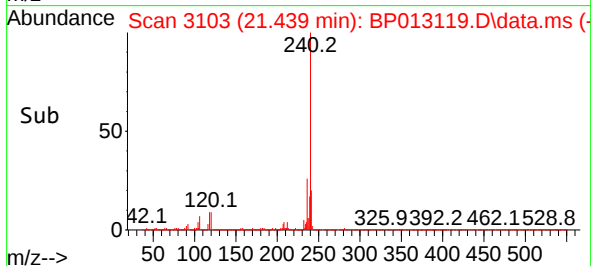
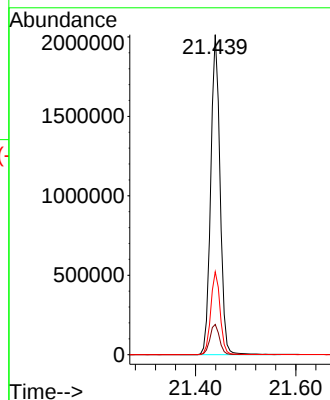
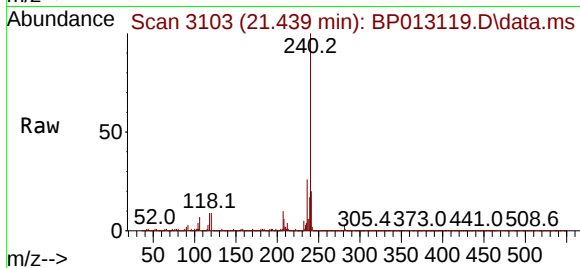
Tgt Ion:240 Resp: 2602177

Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.2

236 25.9 21.0 31.4



#79

Terphenyl-d14

Concen: 89.550 ng

RT: 19.904 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BP013119.D

Acq: 15 Dec 2022 14:01

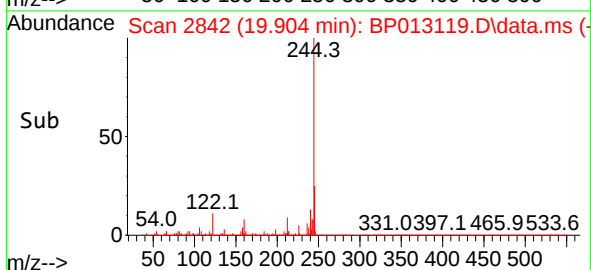
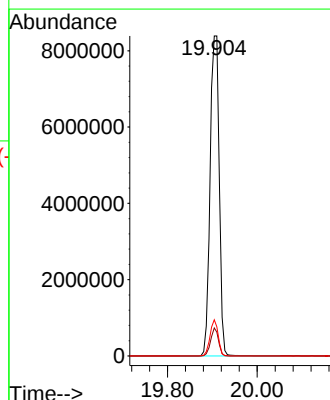
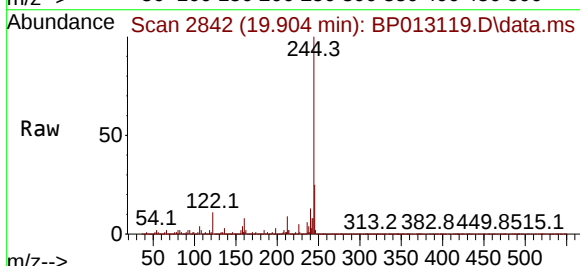
Tgt Ion:244 Resp:11811443

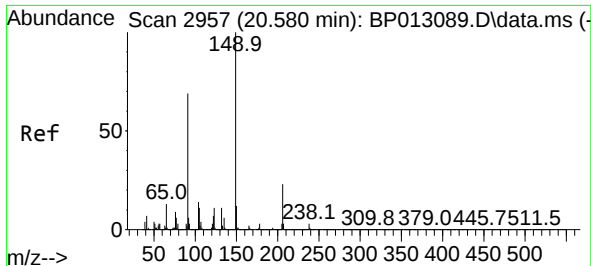
Ion Ratio Lower Upper

244 100

212 8.8 5.5 8.3#

122 11.3 7.2 10.8#

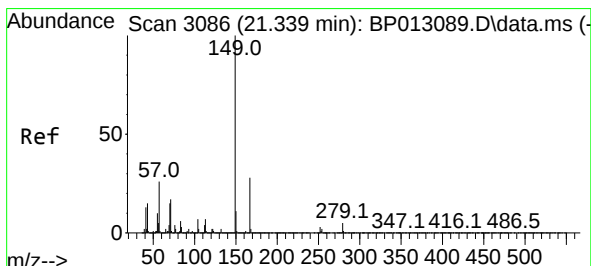
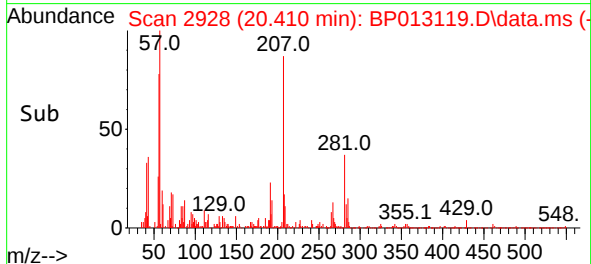
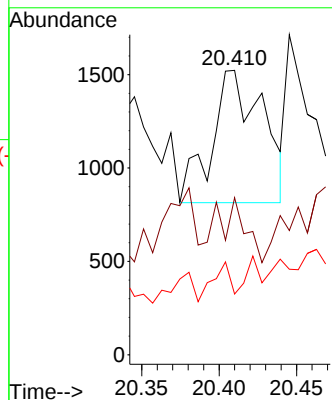
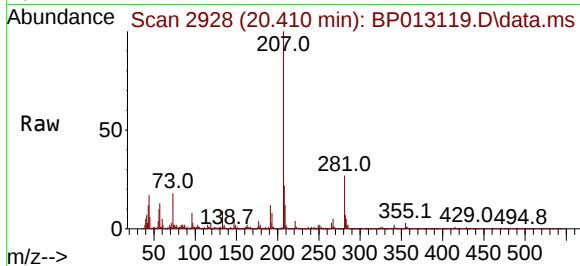




#80
 Butylbenzylphthalate
 Concen: 2.116 ng
 RT: 20.410 min Scan# 2957
 Delta R.T. -0.170 min
 Lab File: BP013119.D
 Acq: 15 Dec 2022 14:01

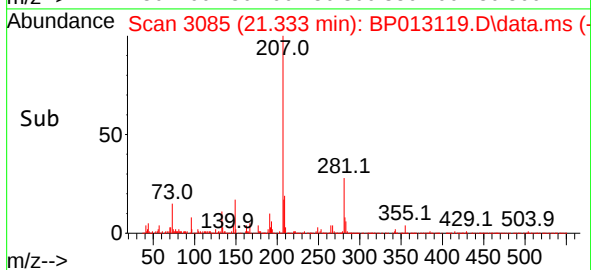
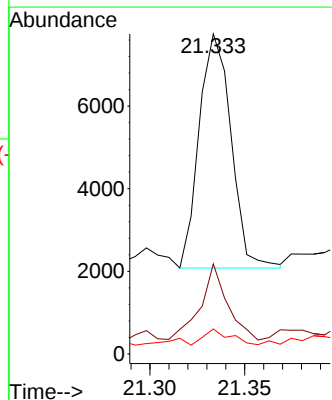
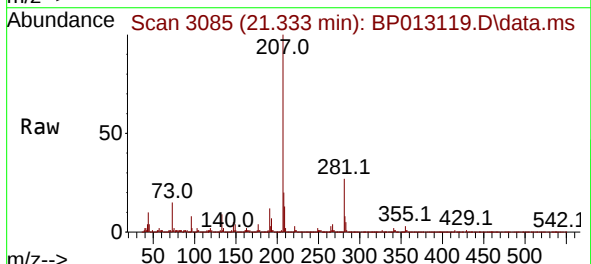
Instrument :
 BNA_P
 ClientSampleId :
 MH-22

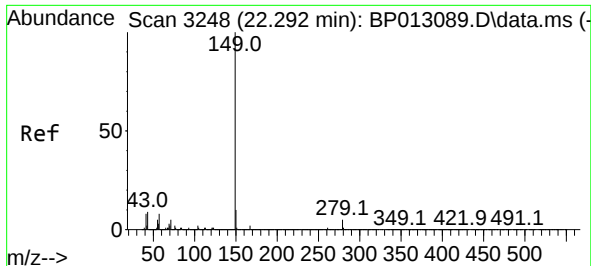
Tgt Ion:149	Resp:	1619
Ion Ratio	Lower	Upper
149	100	
91	55.2	55.2 82.8
206	21.3	18.3 27.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.849 ng
 RT: 21.333 min Scan# 3085
 Delta R.T. -0.006 min
 Lab File: BP013119.D
 Acq: 15 Dec 2022 14:01

Tgt Ion:149	Resp:	6646
Ion Ratio	Lower	Upper
149	100	
167	28.1	22.6 34.0
279	7.8	3.8 5.6#

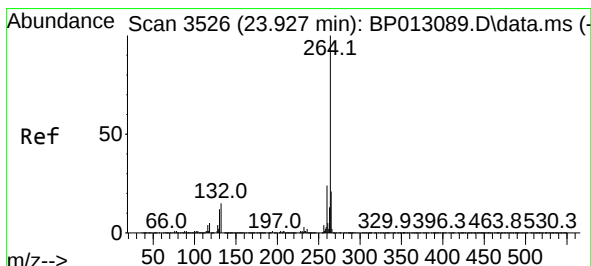
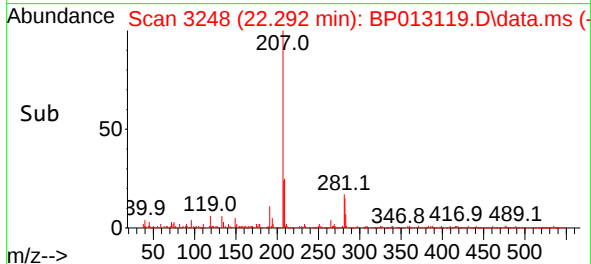
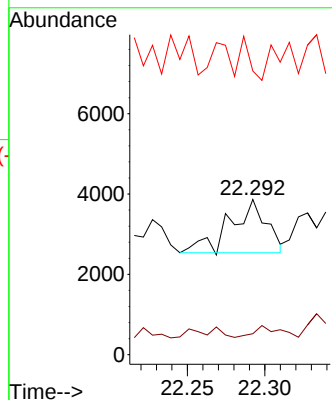
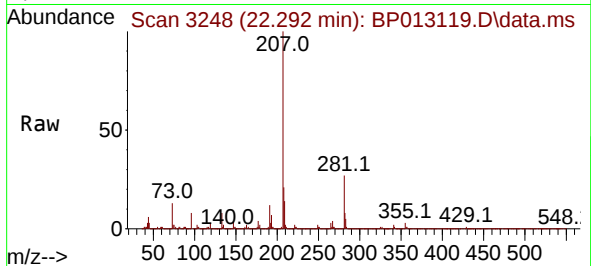




#85
Di-n-octyl phthalate
Concen: 2.182 ng
RT: 22.292 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP013119.D
Acq: 15 Dec 2022 14:01

Instrument :
BNA_P
ClientSampleId :
MH-22

Tgt Ion:149 Resp: 2166
Ion Ratio Lower Upper
149 100
167 19.0 1.3 1.9#
43 0.0 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: BP013119.D
Acq: 15 Dec 2022 14:01

Tgt Ion:264 Resp: 2543705
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 22.1 17.7 26.5

