

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031622\
 Data File : BP009430.D
 Acq On : 16 Mar 2022 19:27
 Operator : CG/JU
 Sample : N1951-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DB-15-(10-15)-3-12-22

Quant Time: Mar 17 01:10:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

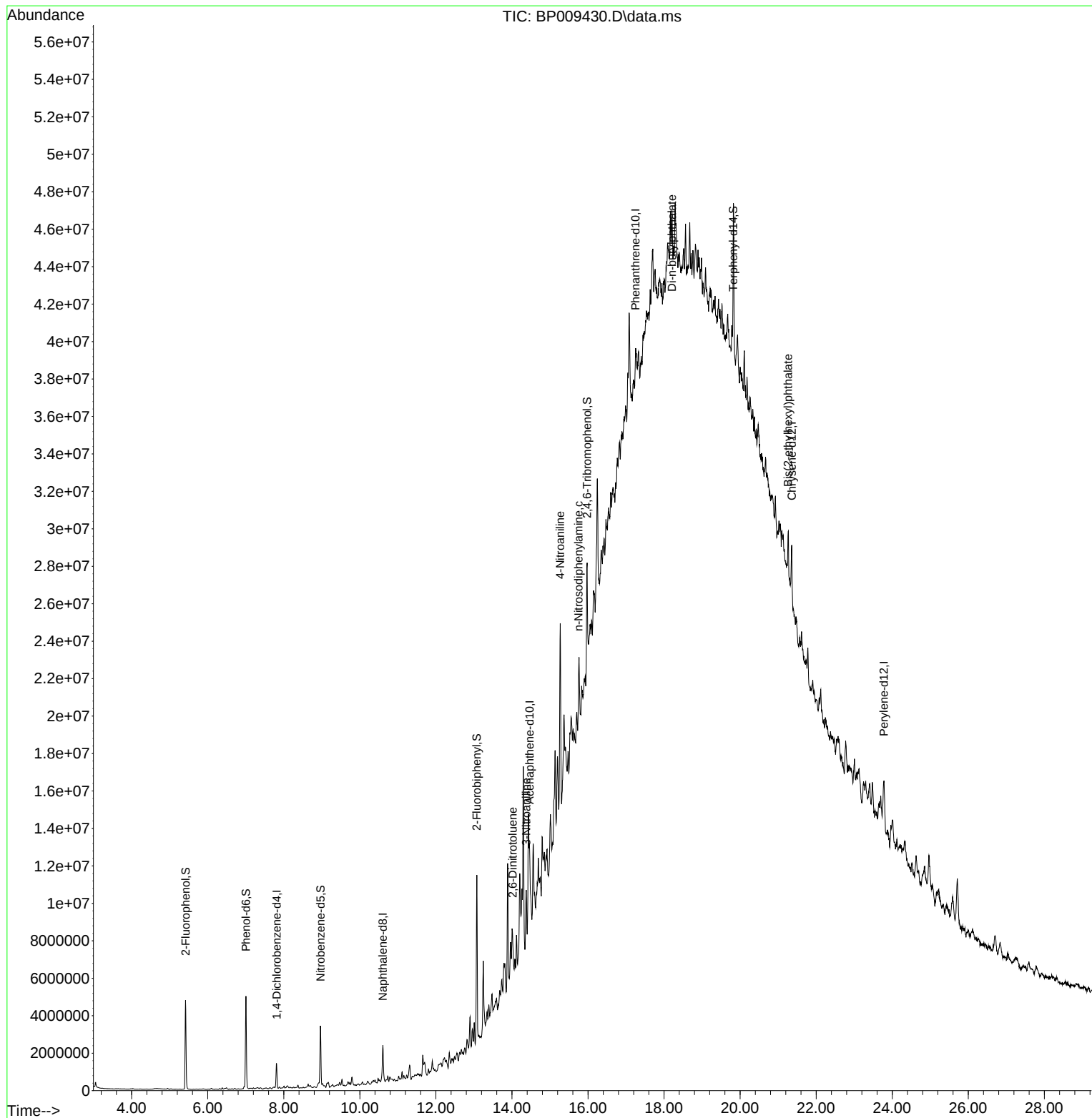
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	399562	20.000	ng	-0.01
21) Naphthalene-d8	10.605	136	1633587	20.000	ng	-0.01
39) Acenaphthene-d10	14.463	164	1063967	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1894087	20.000	ng	# 0.02
76) Chrysene-d12	21.357	240	1791177	20.000	ng	0.03
86) Perylene-d12	23.780	264	1909929	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	2478674	90.551	ng	0.00
7) Phenol-d6	7.005	99	3256429	93.614	ng	0.02
23) Nitrobenzene-d5	8.963	82	2104534	70.957	ng	-0.01
42) 2,4,6-Tribromophenol	15.975	330	2030156	158.020	ng	0.02
45) 2-Fluorobiphenyl	13.075	172	4713239	60.920	ng	-0.01
79) Terphenyl-d14	19.822	244	6406243	67.494	ng	0.02
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.022	165	106481	6.871	ng	# 34
53) 3-Nitroaniline	14.375	138	183217	11.130	ng	# 12
62) 4-Nitroaniline	15.269	138	198078	12.409	ng	89
66) n-Nitrosodiphenylamine	15.751	169	149970	2.522	ng	# 66
74) Di-n-butylphthalate	18.204	149	582018	5.326	ng	# 38
84) Bis(2-ethylhexyl)phtha...	21.263	149	331372	4.747	ng	# 66

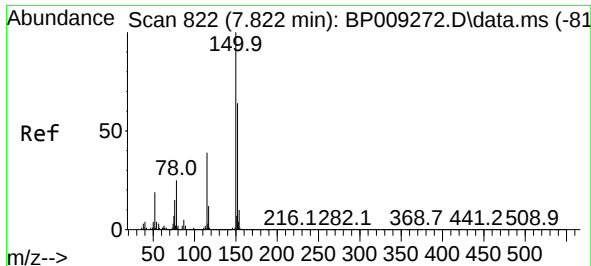
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031622\
Data File : BP009430.D
Acq On : 16 Mar 2022 19:27
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DB-15-(10-15)-3-12-22

Quant Time: Mar 17 01:10:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

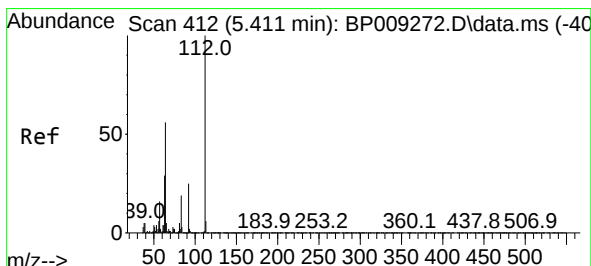
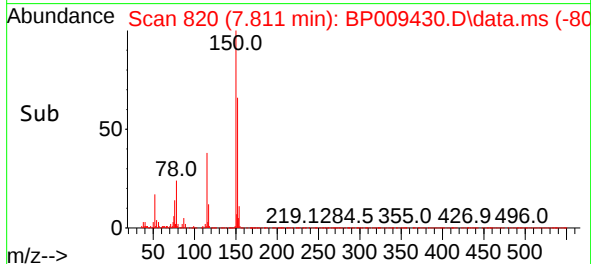
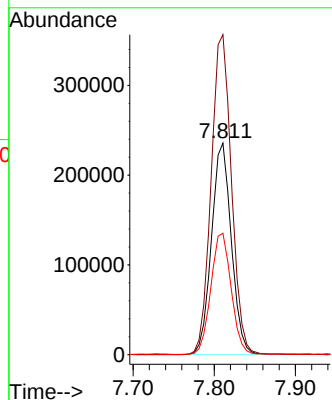
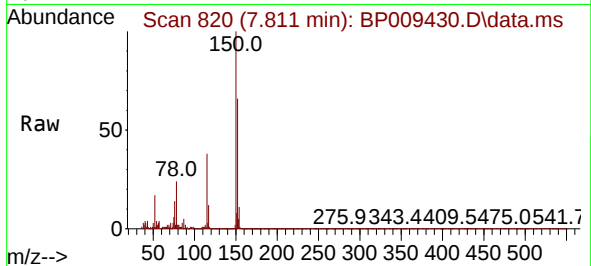




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP009430.D
Acq: 16 Mar 2022 19:27

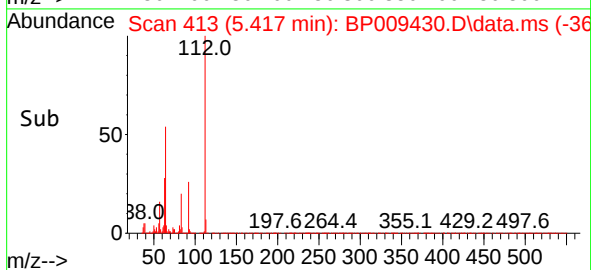
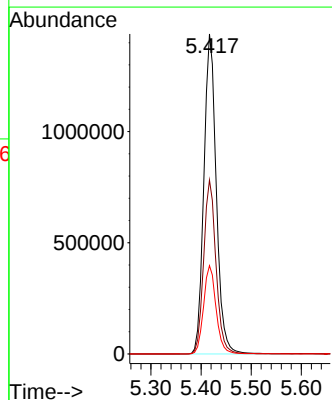
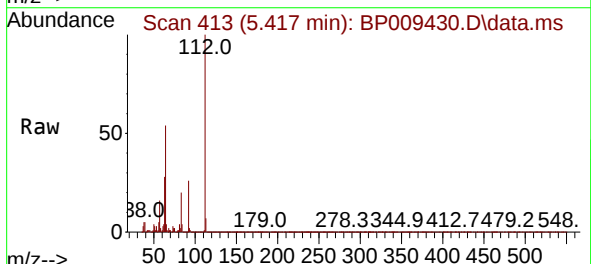
Instrument :
BNA_P
ClientSampleId :
DB-15-(10-15)-3-12-22

Tgt Ion:152 Resp: 399562
Ion Ratio Lower Upper
152 100
150 151.3 124.5 186.7
115 57.5 48.2 72.4



#5
2-Fluorophenol
Concen: 90.551 ng
RT: 5.417 min Scan# 413
Delta R.T. 0.006 min
Lab File: BP009430.D
Acq: 16 Mar 2022 19:27

Tgt Ion:112 Resp: 2478674
Ion Ratio Lower Upper
112 100
64 54.3 45.0 67.4
63 27.6 23.0 34.6

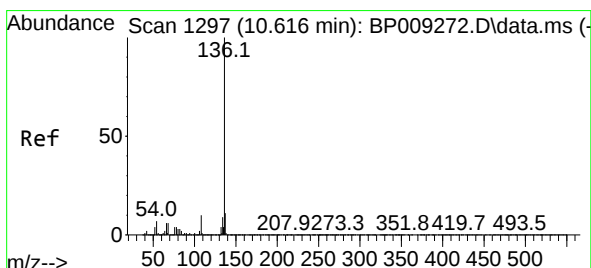
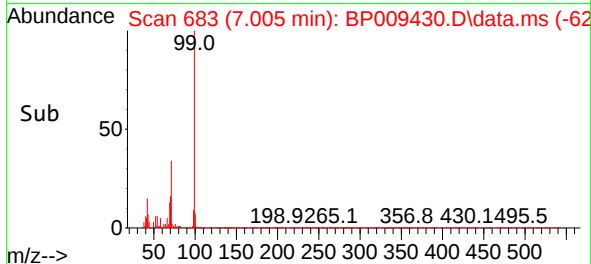
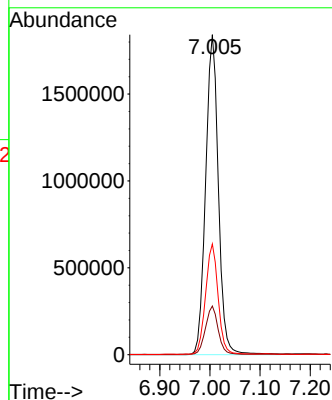
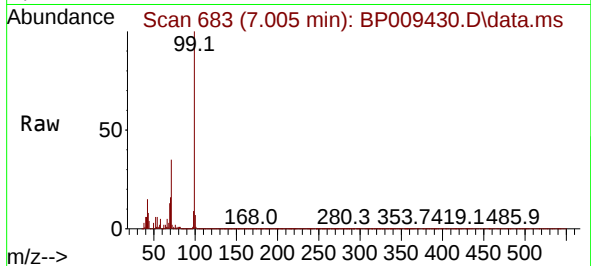




#7
Phenol-d6
Concen: 93.614 ng
RT: 7.005 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009430.D
Acq: 16 Mar 2022 19:27

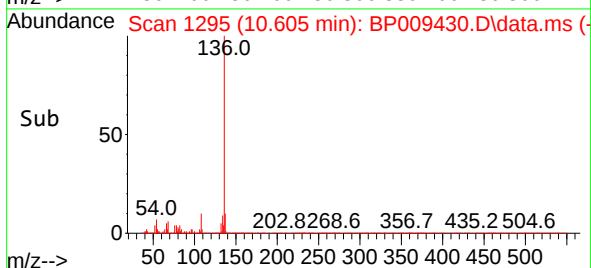
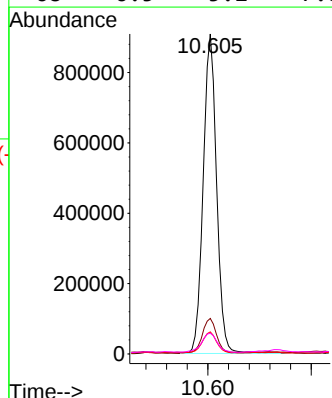
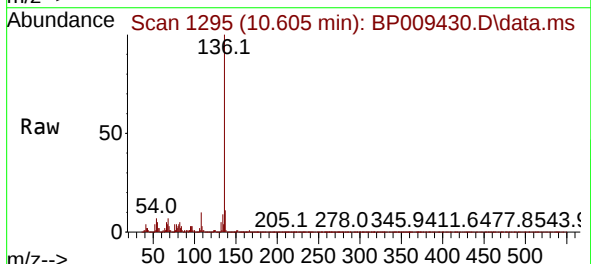
Instrument :
BNA_P
ClientSampleId :
DB-15-(10-15)-3-12-22

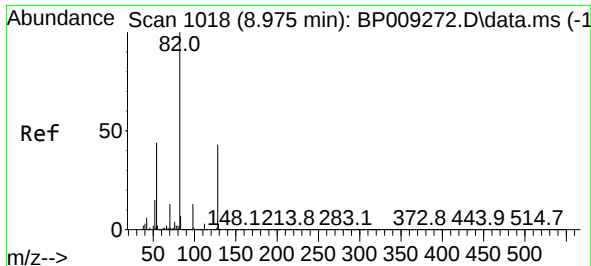
Tgt Ion: 99 Resp: 3256429
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 34.6 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP009430.D
Acq: 16 Mar 2022 19:27

Tgt Ion:136 Resp: 1633587
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.9 5.8 8.8
68 6.5 5.2 7.8

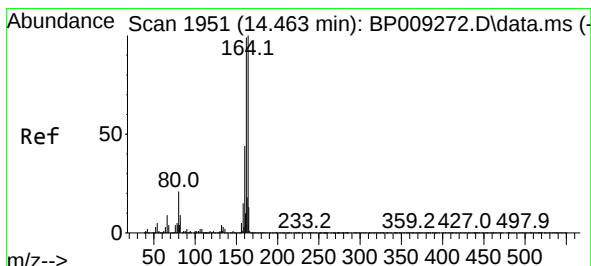
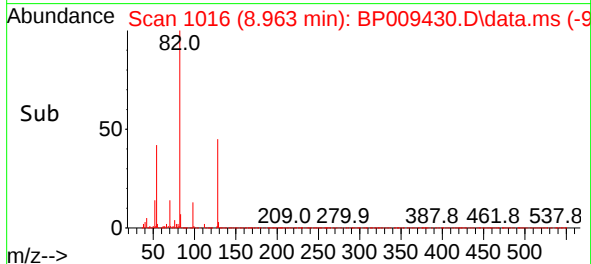
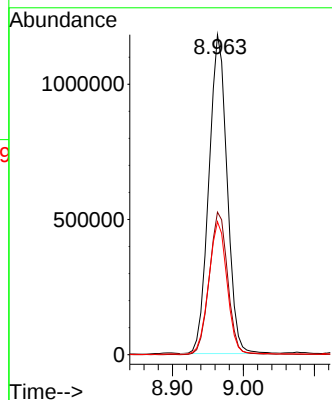
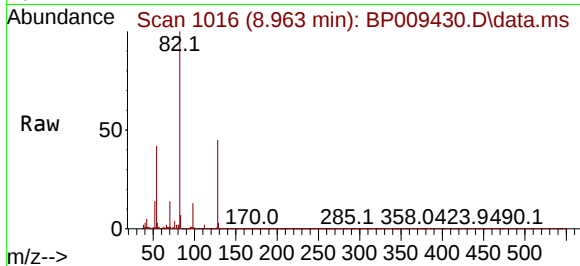




#23
Nitrobenzene-d5
Concen: 70.957 ng
RT: 8.963 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP009430.D
Acq: 16 Mar 2022 19:27

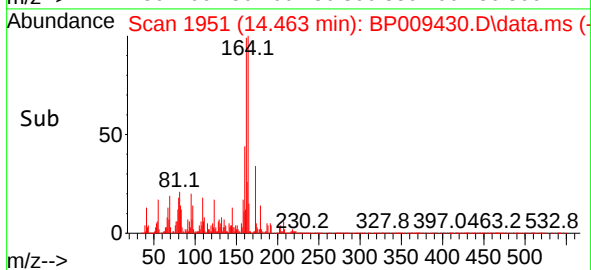
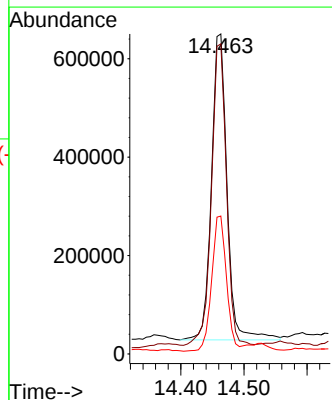
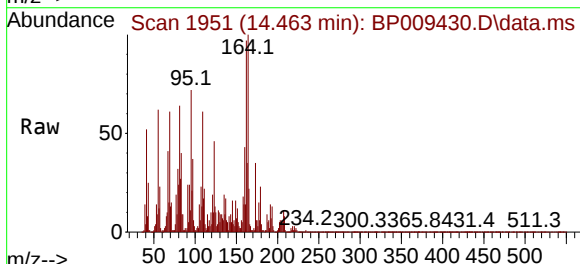
Instrument :
BNA_P
ClientSampleId :
DB-15-(10-15)-3-12-22

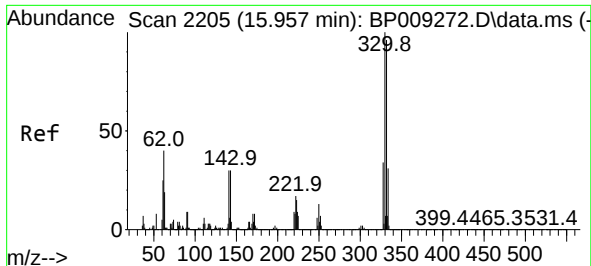
Tgt Ion: 82 Resp: 2104534
Ion Ratio Lower Upper
82 100
128 44.5 34.2 51.4
54 41.5 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP009430.D
Acq: 16 Mar 2022 19:27

Tgt Ion:164 Resp: 1063967
Ion Ratio Lower Upper
164 100
162 96.9 79.1 118.7
160 43.1 34.9 52.3

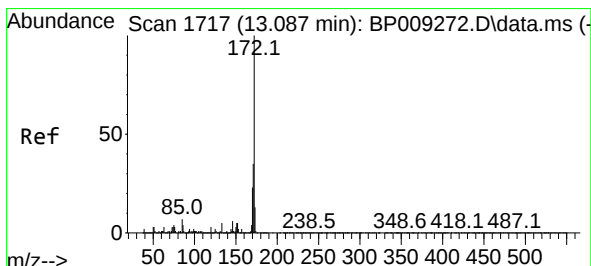
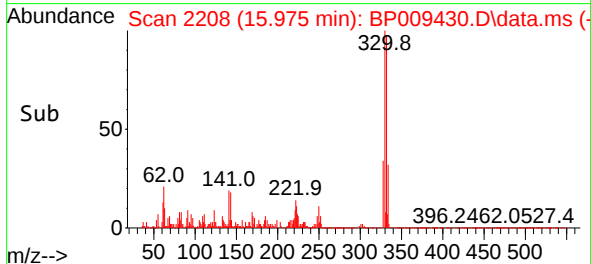
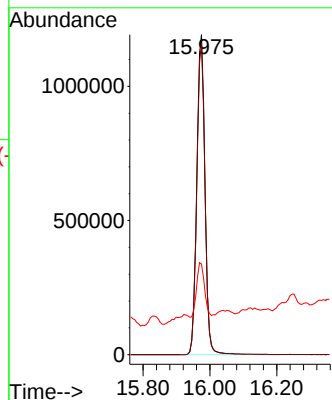
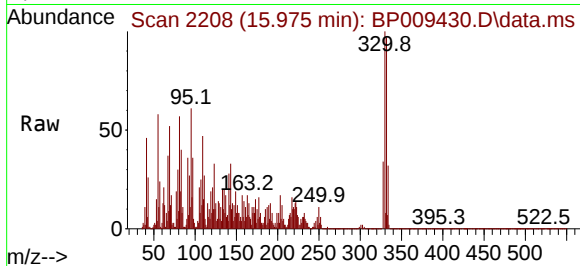




#42
2,4,6-Tribromophenol
Concen: 158.020 ng
RT: 15.975 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP009430.D
Acq: 16 Mar 2022 19:27

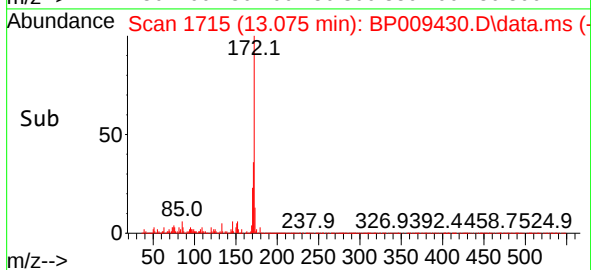
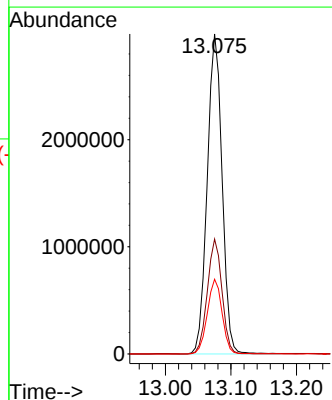
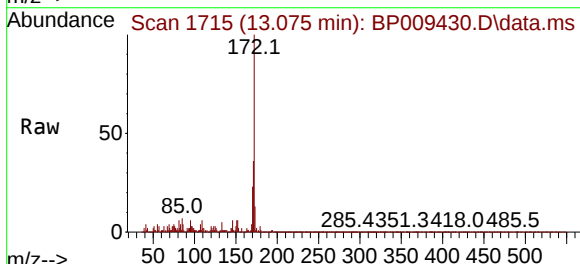
Instrument :
BNA_P
ClientSampleId :
DB-15-(10-15)-3-12-22

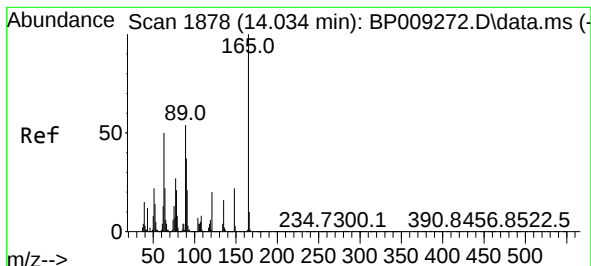
Tgt Ion:330 Resp: 2030156
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 16.4 27.6 41.4#



#45
2-Fluorobiphenyl
Concen: 60.920 ng
RT: 13.075 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BP009430.D
Acq: 16 Mar 2022 19:27

Tgt Ion:172 Resp: 4713239
Ion Ratio Lower Upper
172 100
171 35.9 28.0 42.0
170 23.3 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 6.871 ng

RT: 14.022 min Scan# 1876

Delta R.T. -0.012 min

Lab File: BP009430.D

Acq: 16 Mar 2022 19:27

Instrument :

BNA_P

ClientSampleId :

DB-15-(10-15)-3-12-22

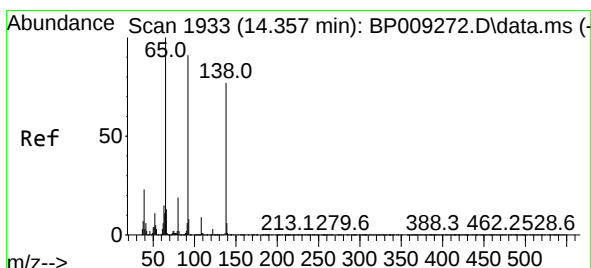
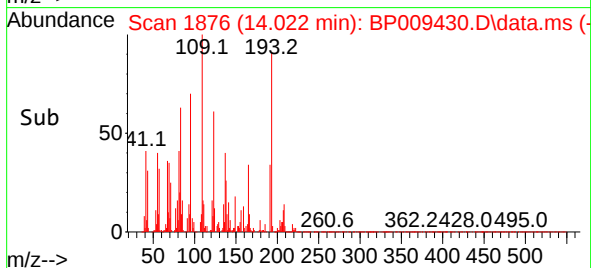
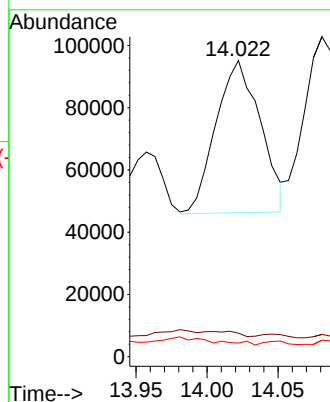
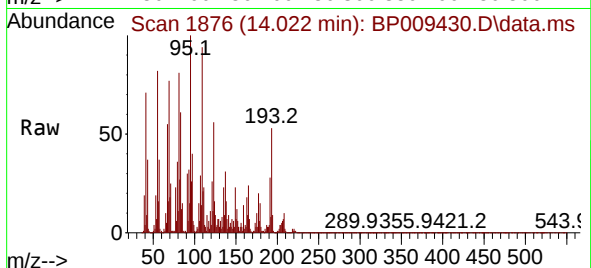
Tgt Ion:165 Resp: 106481

Ion Ratio Lower Upper

165 100

63 7.9 40.9 61.3#

89 4.6 43.4 65.2#



#53

3-Nitroaniline

Concen: 11.130 ng

RT: 14.375 min Scan# 1936

Delta R.T. 0.018 min

Lab File: BP009430.D

Acq: 16 Mar 2022 19:27

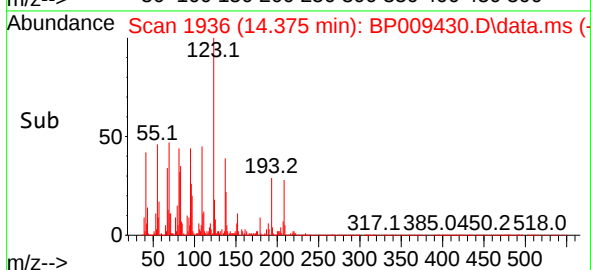
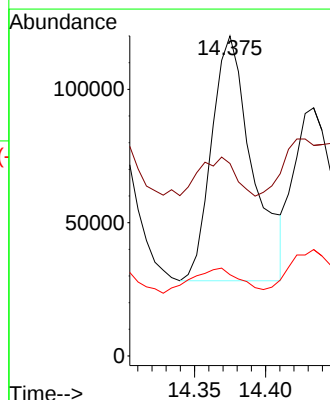
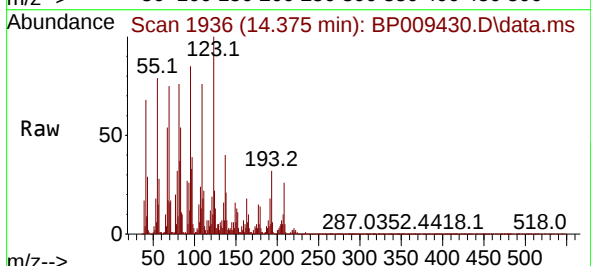
Tgt Ion:138 Resp: 183217

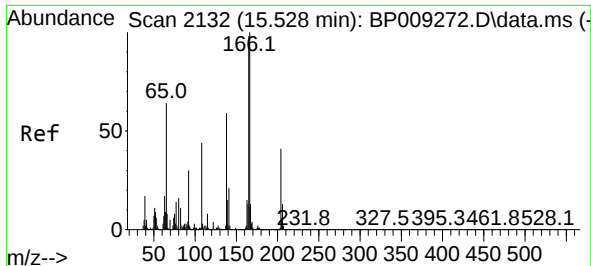
Ion Ratio Lower Upper

138 100

108 60.2 9.7 14.5#

92 25.4 94.4 141.6#

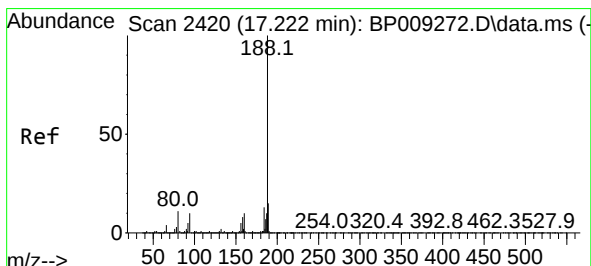
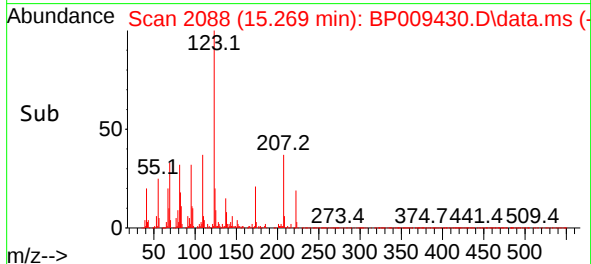
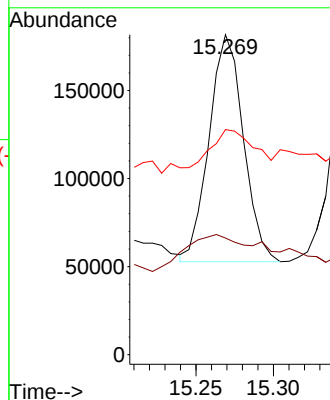
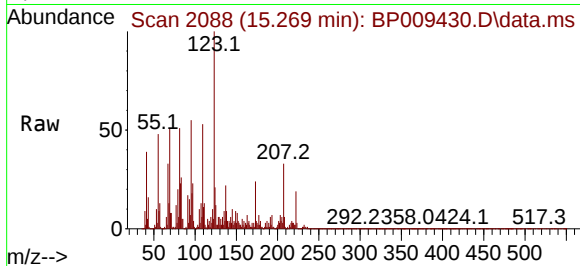




#62
4-Nitroaniline
Concen: 12.409 ng
RT: 15.269 min Scan# 2088
Delta R.T. -0.259 min
Lab File: BP009430.D
Acq: 16 Mar 2022 19:27

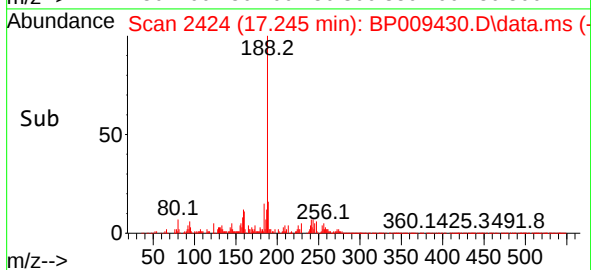
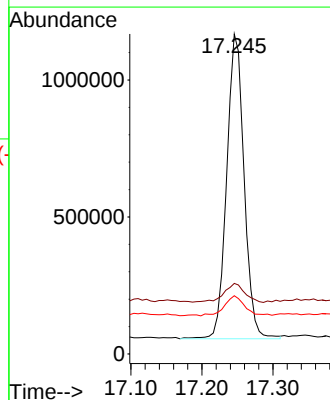
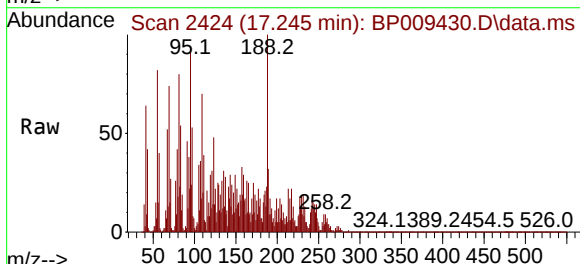
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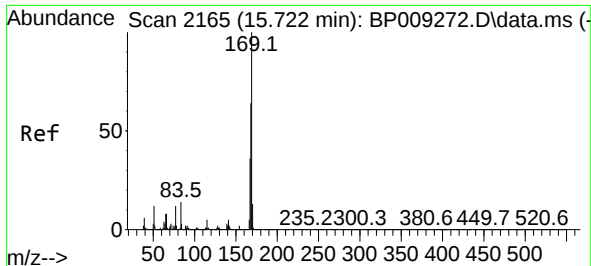
Tgt Ion:138 Resp: 198078
Ion Ratio Lower Upper
138 100
92 36.5 31.2 71.2
108 70.4 54.3 94.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2424
Delta R.T. 0.024 min
Lab File: BP009430.D
Acq: 16 Mar 2022 19:27

Tgt Ion:188 Resp: 1894087
Ion Ratio Lower Upper
188 100
94 22.0 7.9 11.9#
80 18.2 8.8 13.2#

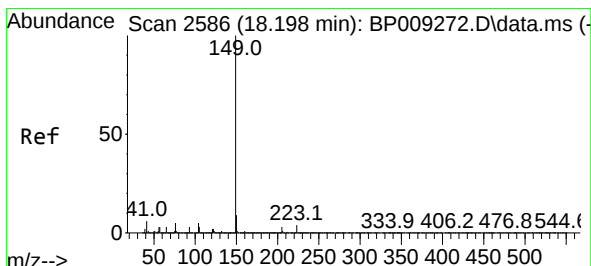
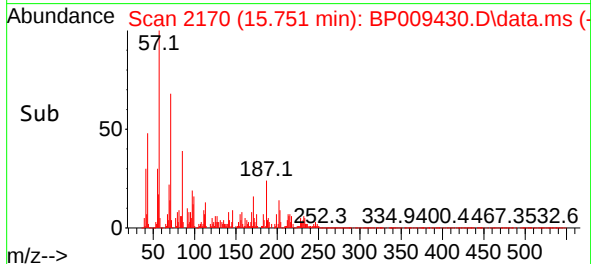
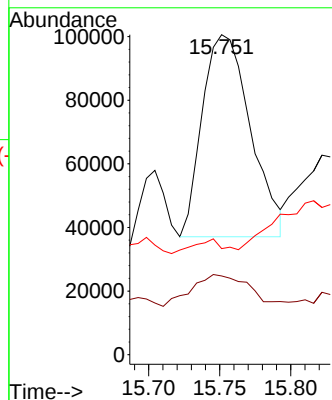
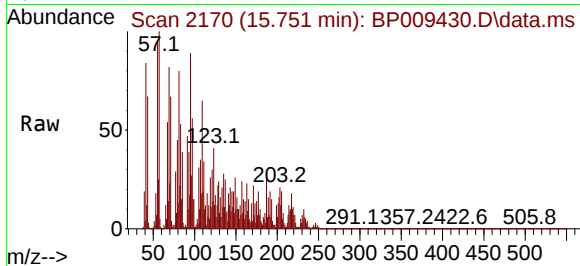




#66
n-Nitrosodiphenylamine
Concen: 2.522 ng
RT: 15.751 min Scan# 2165
Delta R.T. 0.030 min
Lab File: BP009430.D
Acq: 16 Mar 2022 19:27

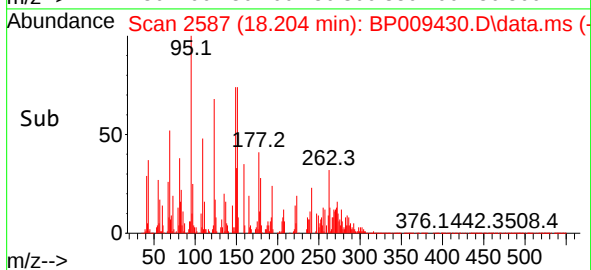
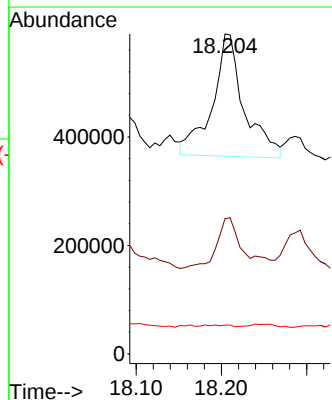
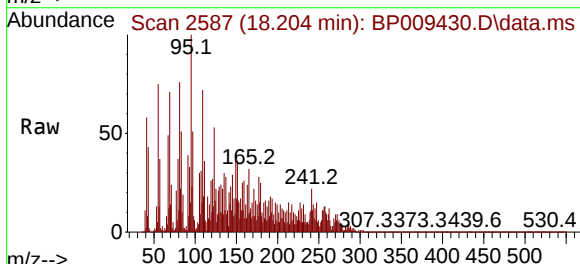
Instrument :
BNA_P
ClientSampleId :
DB-15-(10-15)-3-12-22

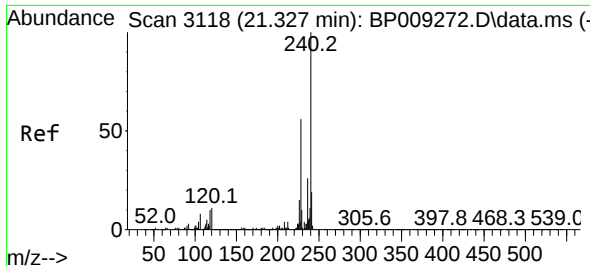
Tgt Ion:169 Resp: 149970
Ion Ratio Lower Upper
169 100
168 24.6 51.6 77.4#
167 33.1 29.0 43.4



#74
Di-n-butylphthalate
Concen: 5.326 ng
RT: 18.204 min Scan# 2587
Delta R.T. 0.006 min
Lab File: BP009430.D
Acq: 16 Mar 2022 19:27

Tgt Ion:149 Resp: 582018
Ion Ratio Lower Upper
149 100
150 42.3 7.3 10.9#
104 9.0 4.2 6.2#

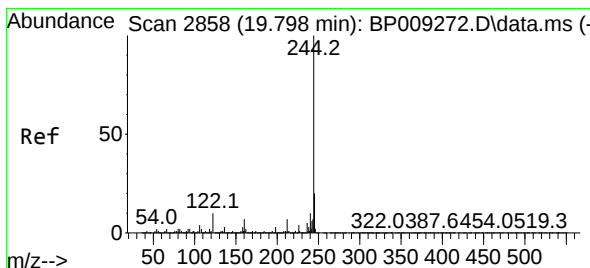
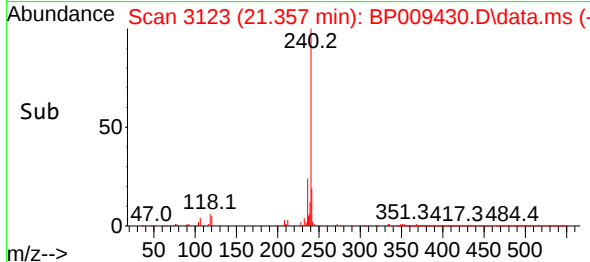
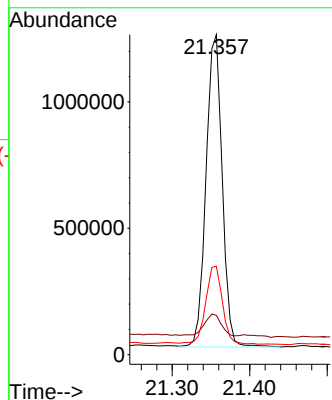
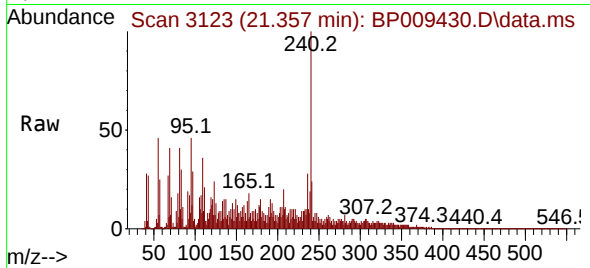




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3118
Delta R.T. 0.030 min
Lab File: BP009430.D
Acq: 16 Mar 2022 19:27

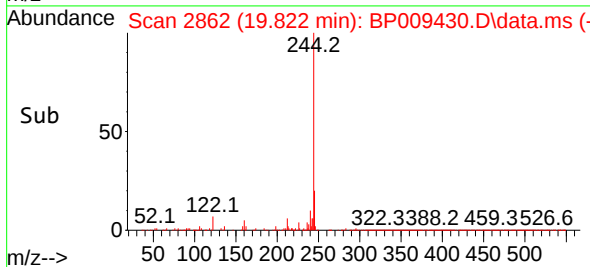
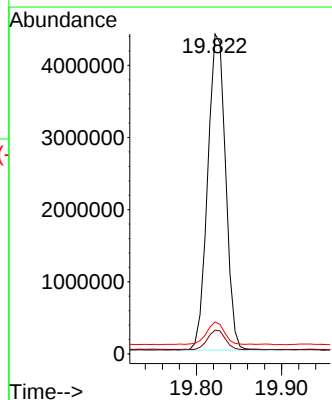
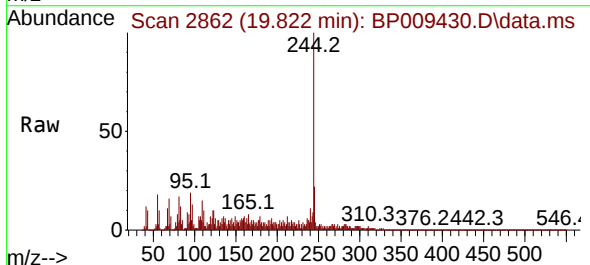
Instrument :
BNA_P
ClientSampleId :
DB-15-(10-15)-3-12-22

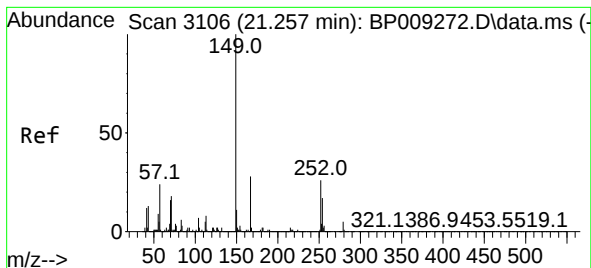
Tgt Ion:240 Resp: 1791177
Ion Ratio Lower Upper
240 100
120 12.3 9.0 13.4
236 27.6 20.6 30.8



#79
Terphenyl-d14
Concen: 67.494 ng
RT: 19.822 min Scan# 2862
Delta R.T. 0.024 min
Lab File: BP009430.D
Acq: 16 Mar 2022 19:27

Tgt Ion:244 Resp: 6406243
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 10.0 8.3 12.5

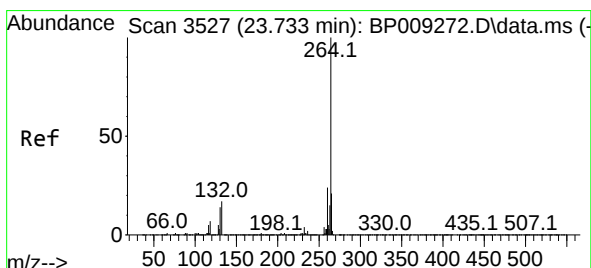
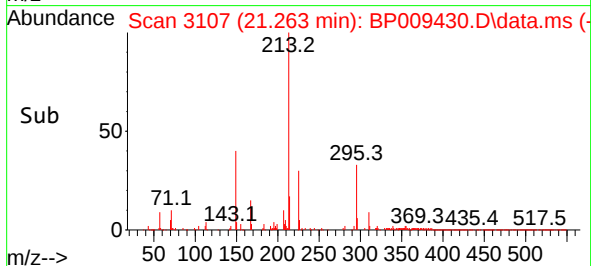
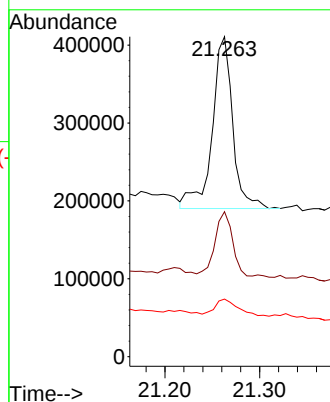
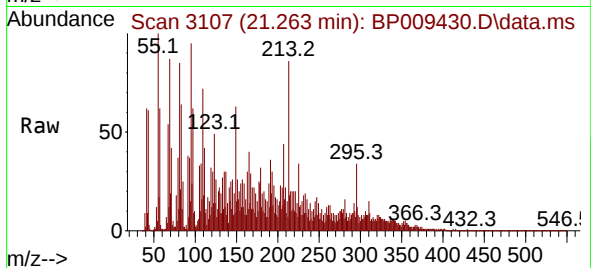




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.747 ng
RT: 21.263 min Scan# 3106
Delta R.T. 0.006 min
Lab File: BP009430.D
Acq: 16 Mar 2022 19:27

Instrument :
BNA_P
ClientSampleId :
DB-15-(10-15)-3-12-22

Tgt Ion:149 Resp: 331372
Ion Ratio Lower Upper
149 100
167 45.3 22.6 33.8#
279 18.0 3.8 5.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3535
Delta R.T. 0.047 min
Lab File: BP009430.D
Acq: 16 Mar 2022 19:27

Tgt Ion:264 Resp: 1909929
Ion Ratio Lower Upper
264 100
260 26.4 19.4 29.0
265 25.1 17.2 25.8

