

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031622\
 Data File : BP009429.D
 Acq On : 16 Mar 2022 18:53
 Operator : CG/JU
 Sample : N1951-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DB-8-(15-20)-3-12-22

Quant Time: Mar 17 01:09:53 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)

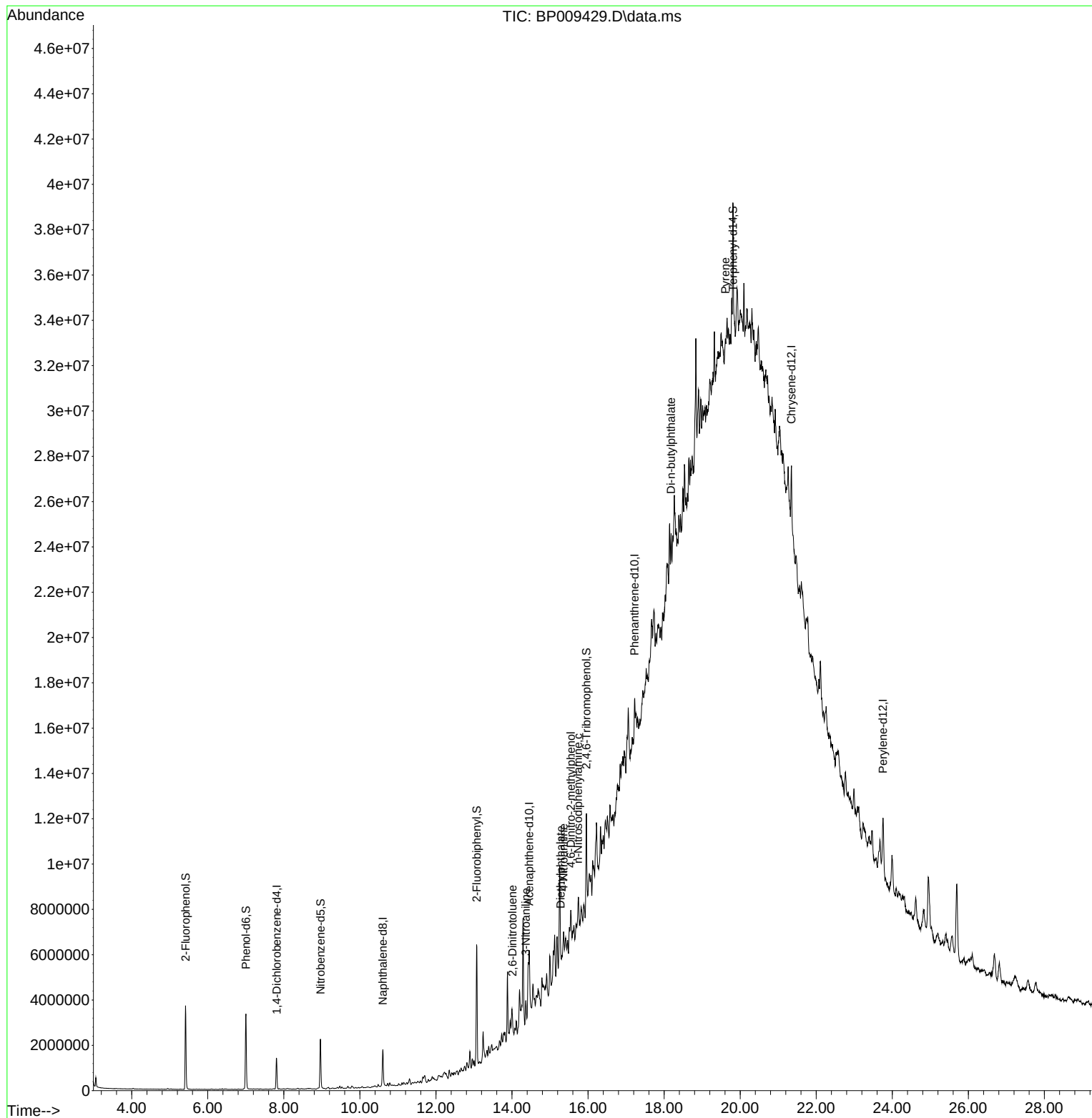
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	426124	20.000	ng	-0.01
21) Naphthalene-d8	10.604	136	1530313	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	841635	20.000	ng	-0.01
64) Phenanthrene-d10	17.222	188	1576400	20.000	ng	# 0.00
76) Chrysene-d12	21.345	240	1804328	20.000	ng	0.02
86) Perylene-d12	23.757	264	2033153	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1844822	63.194	ng	0.00
7) Phenol-d6	7.005	99	2260835	60.942	ng	0.02
23) Nitrobenzene-d5	8.963	82	1439171	51.798	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	1004206	98.812	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	2975613	48.621	ng	-0.01
79) Terphenyl-d14	19.810	244	4102587	42.909	ng	0.01
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.016	165	35988	2.936	ng	# 39
53) 3-Nitroaniline	14.363	138	49041	3.766	ng	# 16
60) Diethylphthalate	15.281	149	131172	2.170	ng	# 40
62) 4-Nitroaniline	15.351	138	113324	8.975	ng	76
65) 4,6-Dinitro-2-methylph...	15.551	198	17323	2.498	ng	# 1
66) n-Nitrosodiphenylamine	15.733	169	112241	2.268	ng	# 56
74) Di-n-butylphthalate	18.180	149	212161	2.333	ng	# 30
78) Pyrene	19.610	202	249855	2.051	ng	# 25

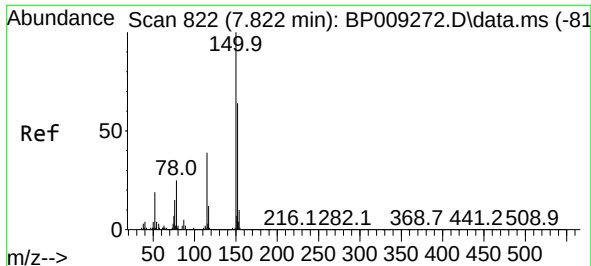
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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DB-8-(15-20)-3-12-22

Quant Time: Mar 17 01:09:53 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

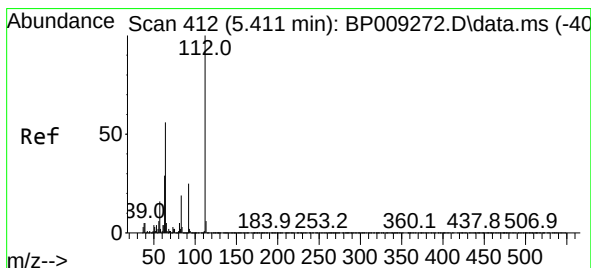
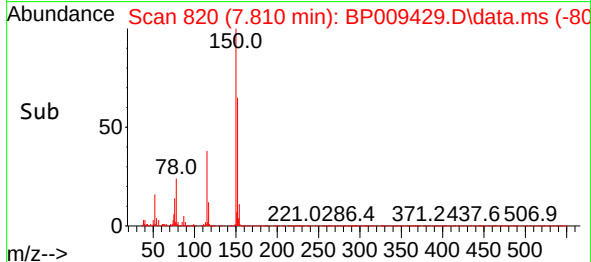
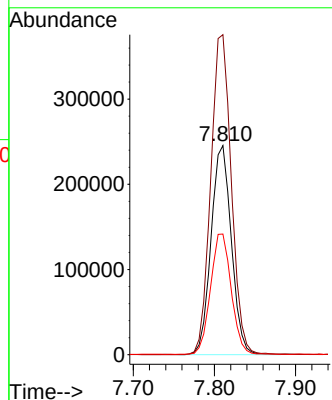
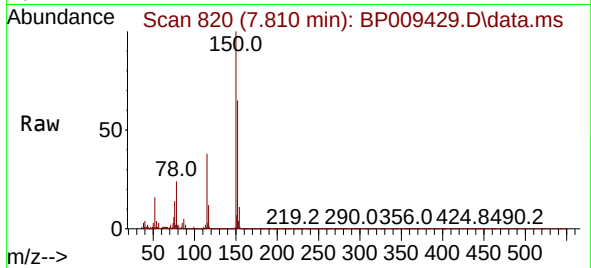




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009429.D
Acq: 16 Mar 2022 18:53

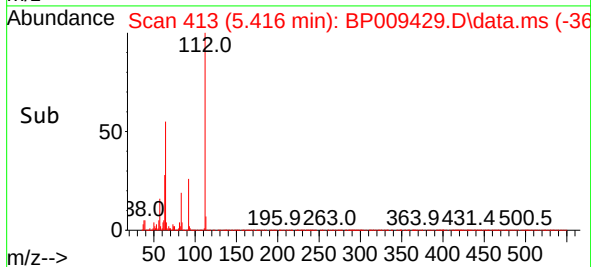
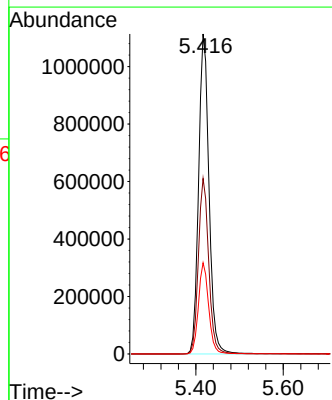
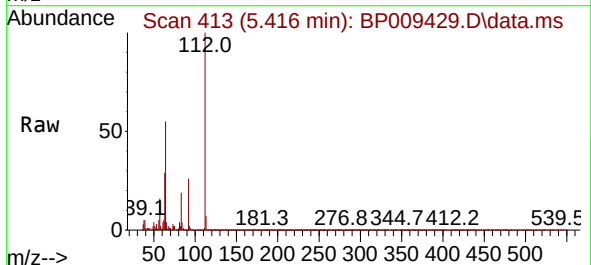
Instrument :
BNA_P
ClientSampleId :
DB-8-(15-20)-3-12-22

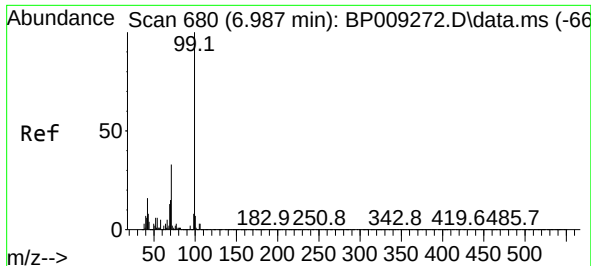
Tgt Ion:152 Resp: 426124
Ion Ratio Lower Upper
152 100
150 153.0 124.5 186.7
115 57.7 48.2 72.4



#5
2-Fluorophenol
Concen: 63.194 ng
RT: 5.416 min Scan# 413
Delta R.T. 0.005 min
Lab File: BP009429.D
Acq: 16 Mar 2022 18:53

Tgt Ion:112 Resp: 1844822
Ion Ratio Lower Upper
112 100
64 54.9 45.0 67.4
63 28.5 23.0 34.6

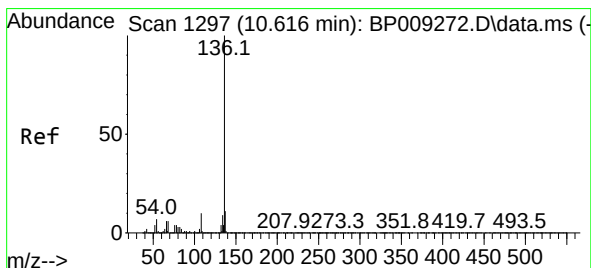
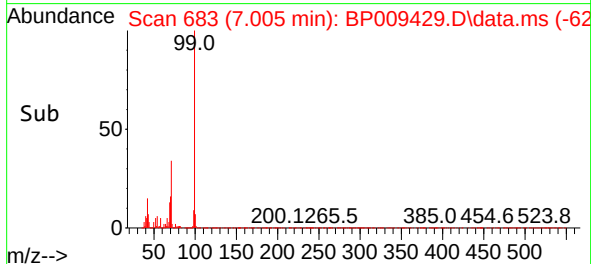
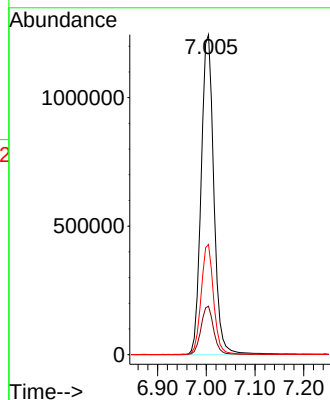
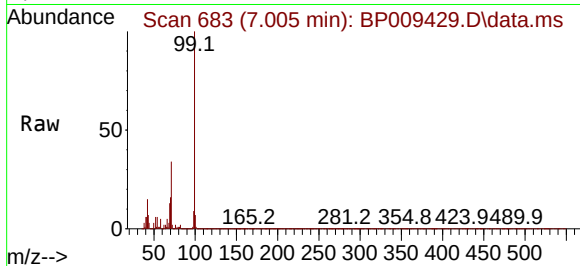




#7
Phenol-d6
Concen: 60.942 ng
RT: 7.005 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009429.D
Acq: 16 Mar 2022 18:53

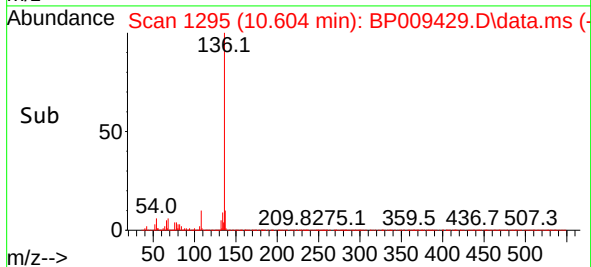
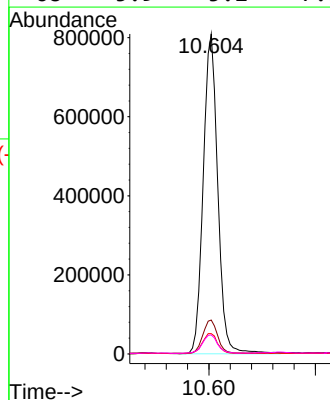
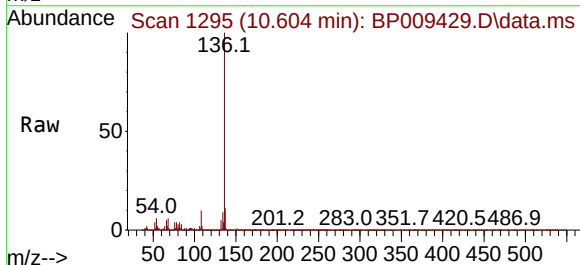
Instrument :
BNA_P
ClientSampleId :
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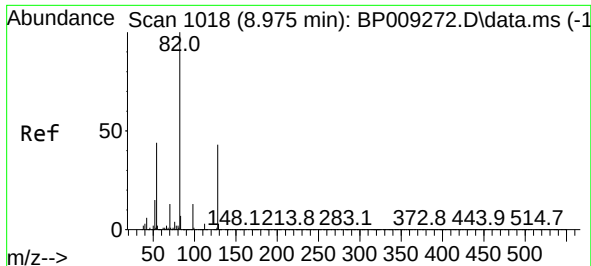
Tgt Ion: 99 Resp: 2260835
Ion Ratio Lower Upper
99 100
42 15.1 12.8 19.2
71 34.5 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP009429.D
Acq: 16 Mar 2022 18:53

Tgt Ion: 136 Resp: 1530313
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 6.4 5.8 8.8
68 5.9 5.2 7.8

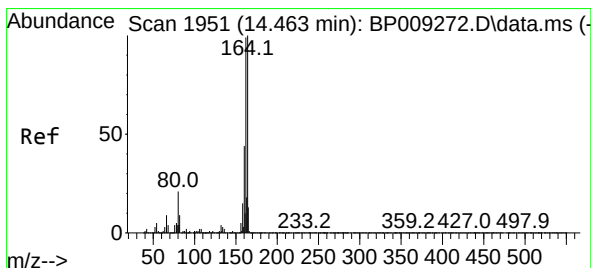
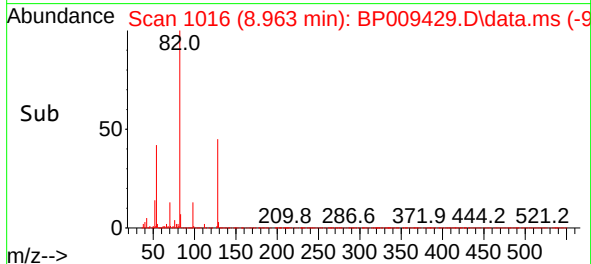
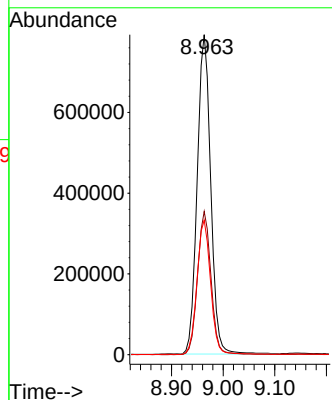
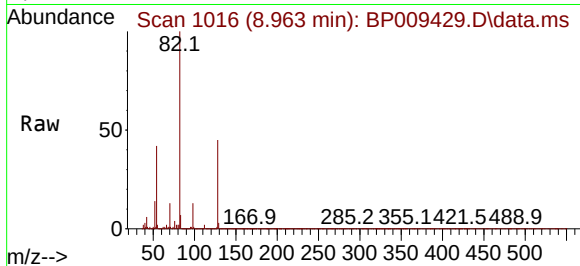




#23
Nitrobenzene-d5
Concen: 51.798 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP009429.D
Acq: 16 Mar 2022 18:53

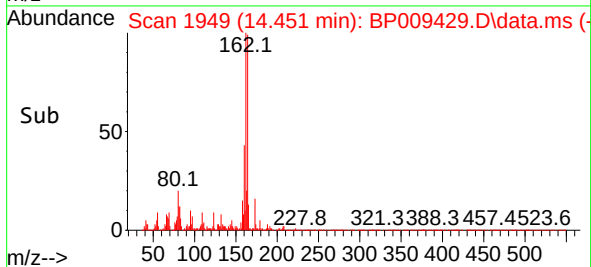
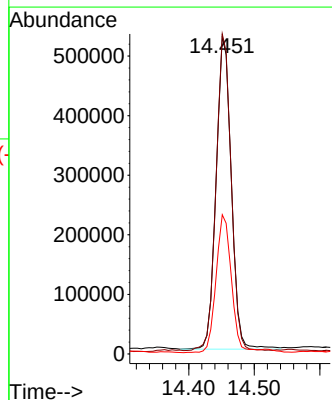
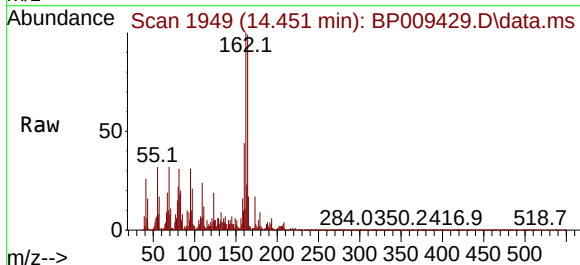
Instrument :
BNA_P
ClientSampleId :
DB-8-(15-20)-3-12-22

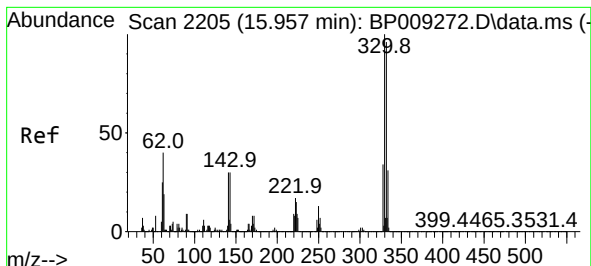
Tgt Ion: 82 Resp: 1439171
Ion Ratio Lower Upper
82 100
128 44.7 34.2 51.4
54 42.0 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BP009429.D
Acq: 16 Mar 2022 18:53

Tgt Ion:164 Resp: 841635
Ion Ratio Lower Upper
164 100
162 100.7 79.1 118.7
160 43.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 98.812 ng

RT: 15.957 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP009429.D

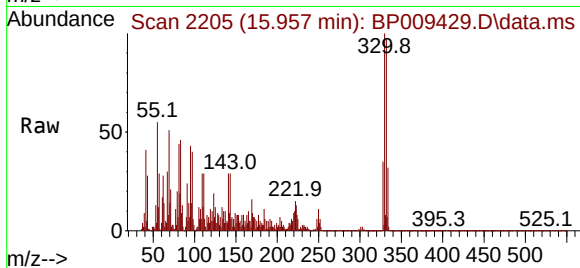
Acq: 16 Mar 2022 18:53

Instrument :

BNA_P

ClientSampleId :

DB-8-(15-20)-3-12-22



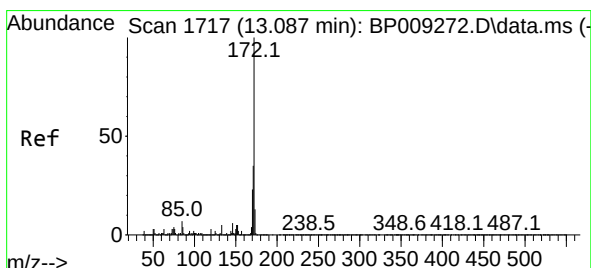
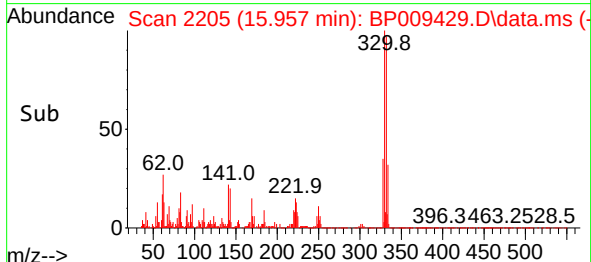
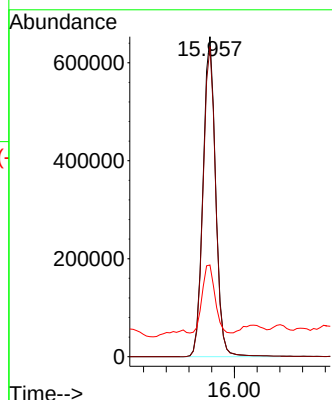
Tgt Ion:330 Resp: 1004206

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

141 21.4 27.6 41.4#



#45

2-Fluorobiphenyl

Concen: 48.621 ng

RT: 13.075 min Scan# 1715

Delta R.T. -0.012 min

Lab File: BP009429.D

Acq: 16 Mar 2022 18:53

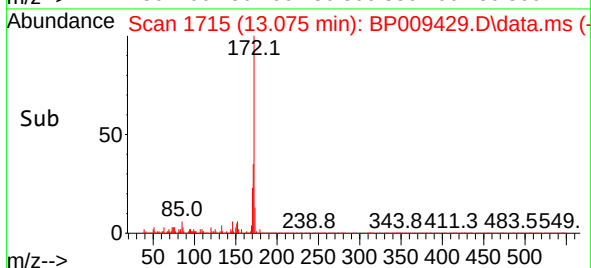
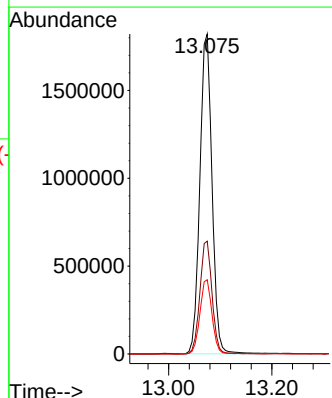
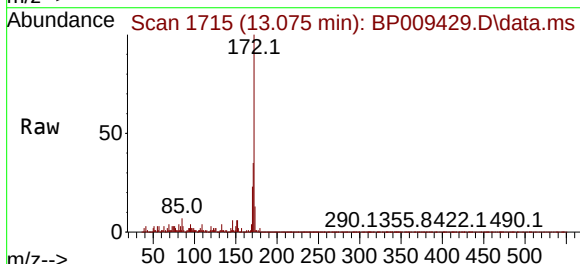
Tgt Ion:172 Resp: 2975613

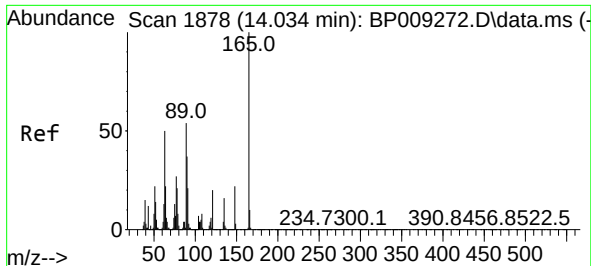
Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 23.2 18.6 27.8

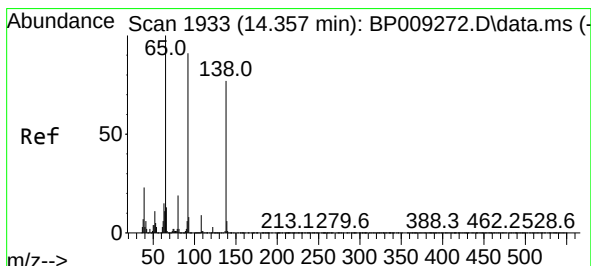
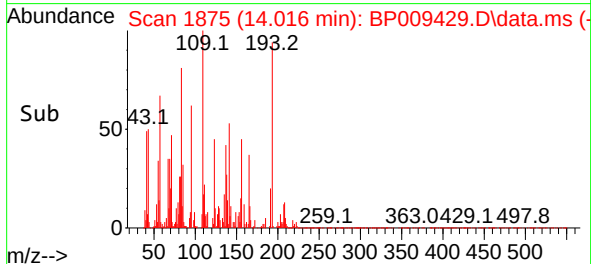
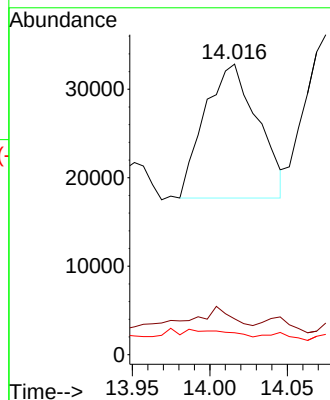
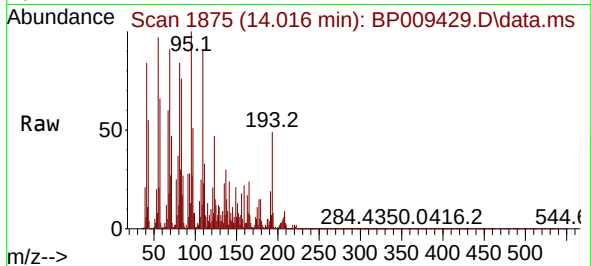




#51
2,6-Dinitrotoluene
Concen: 2.936 ng
RT: 14.016 min Scan# 1875
Delta R.T. -0.018 min
Lab File: BP009429.D
Acq: 16 Mar 2022 18:53

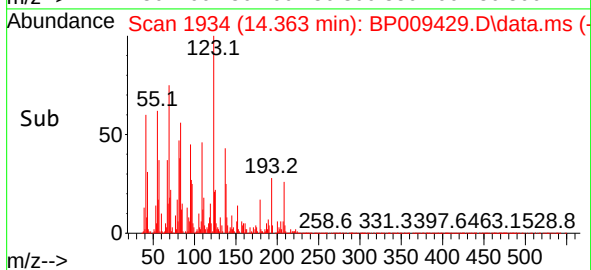
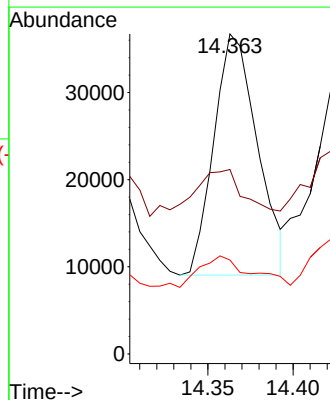
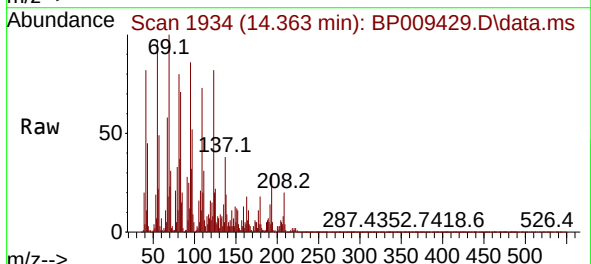
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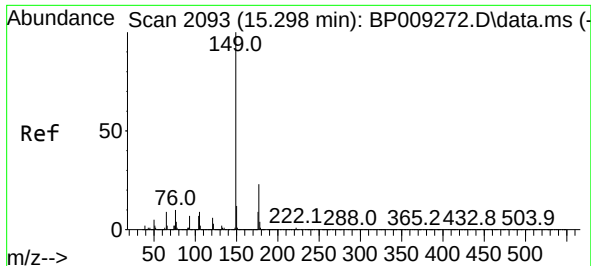
Tgt Ion:165 Resp: 35988
Ion Ratio Lower Upper
165 100
63 12.3 40.9 61.3#
89 7.5 43.4 65.2#



#53
3-Nitroaniline
Concen: 3.766 ng
RT: 14.363 min Scan# 1934
Delta R.T. 0.006 min
Lab File: BP009429.D
Acq: 16 Mar 2022 18:53

Tgt Ion:138 Resp: 49041
Ion Ratio Lower Upper
138 100
108 57.6 9.7 14.5#
92 29.4 94.4 141.6#

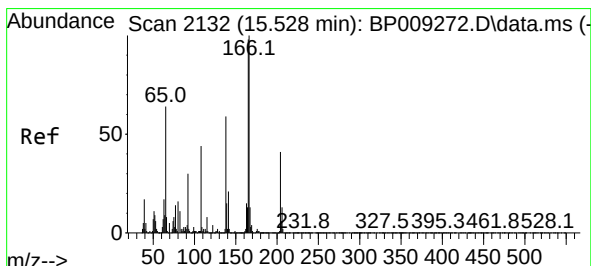
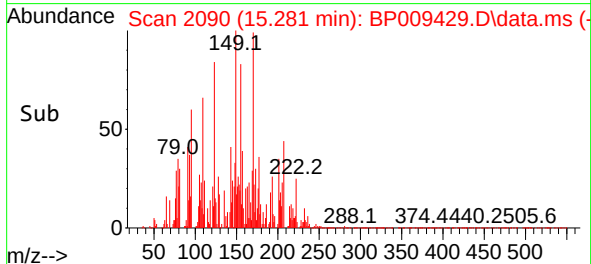
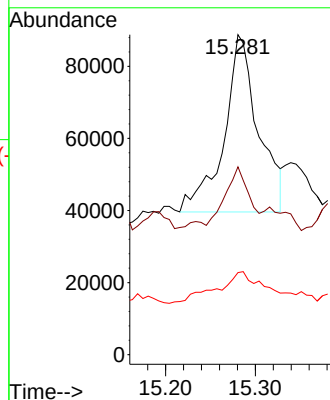
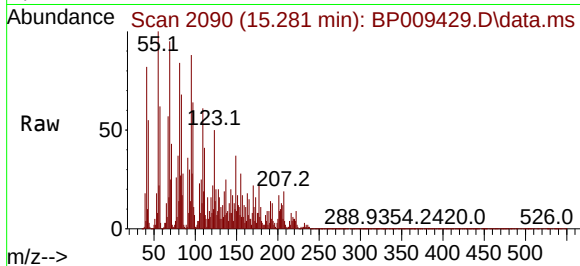




#60
Diethylphthalate
Concen: 2.170 ng
RT: 15.281 min Scan# 2093
Delta R.T. -0.018 min
Lab File: BP009429.D
Acq: 16 Mar 2022 18:53

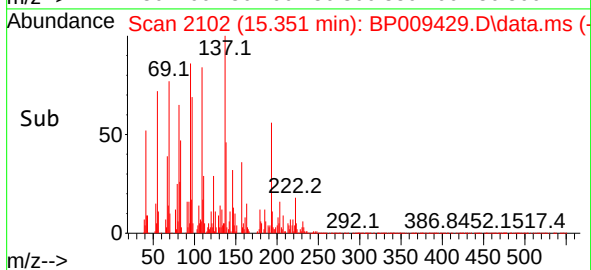
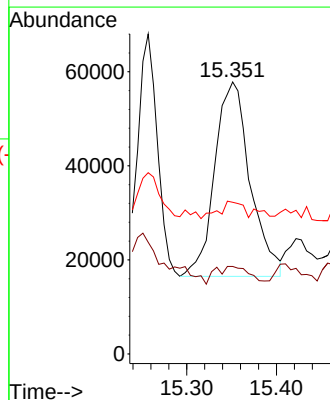
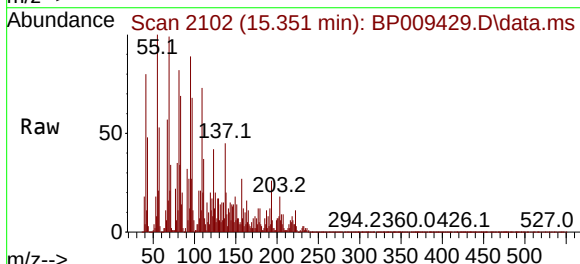
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DB-8-(15-20)-3-12-22

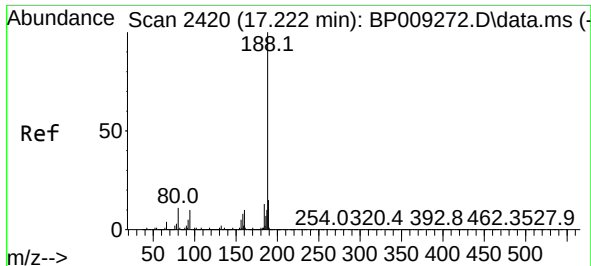
Tgt Ion:149 Resp: 131172
Ion Ratio Lower Upper
149 100
177 58.7 18.2 27.2#
150 25.7 9.9 14.9#



#62
4-Nitroaniline
Concen: 8.975 ng
RT: 15.351 min Scan# 2102
Delta R.T. -0.177 min
Lab File: BP009429.D
Acq: 16 Mar 2022 18:53

Tgt Ion:138 Resp: 113324
Ion Ratio Lower Upper
138 100
92 32.2 31.2 71.2
108 55.8 54.3 94.3

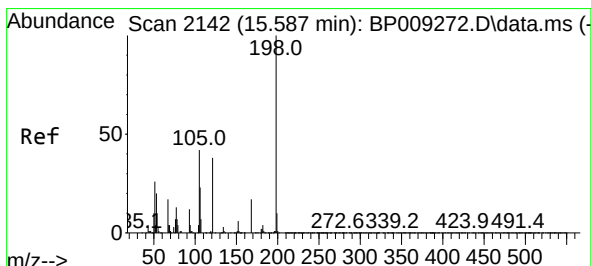
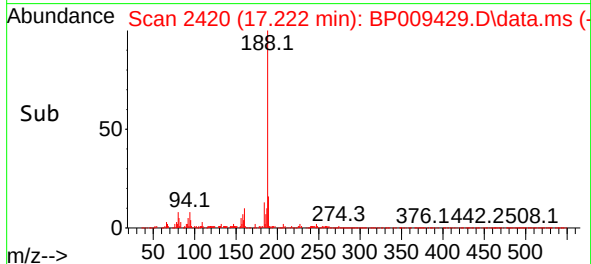
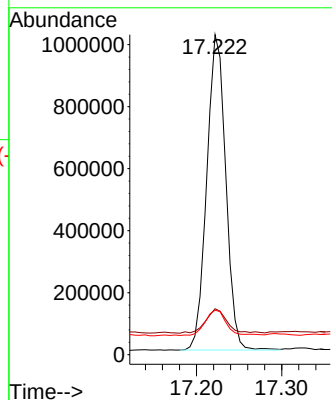
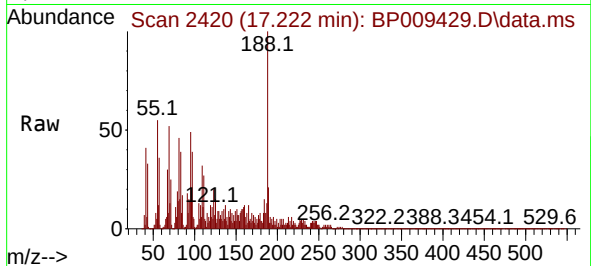




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BP009429.D
Acq: 16 Mar 2022 18:53

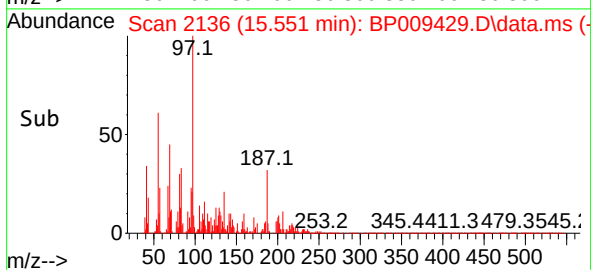
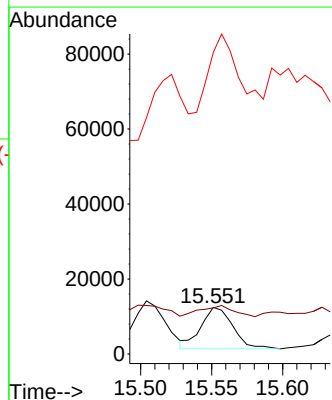
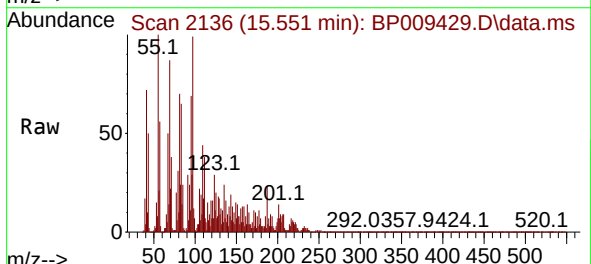
Instrument :
BNA_P
ClientSampleId :
DB-8-(15-20)-3-12-22

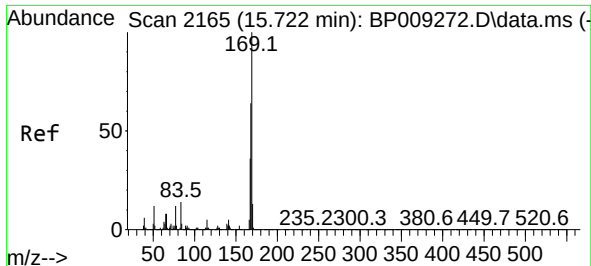
Tgt Ion:188 Resp: 1576400
Ion Ratio Lower Upper
188 100
94 14.4 7.9 11.9#
80 13.9 8.8 13.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 2.498 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.035 min
Lab File: BP009429.D
Acq: 16 Mar 2022 18:53

Tgt Ion:198 Resp: 17323
Ion Ratio Lower Upper
198 100
51 99.1 17.7 57.7#
105 647.9 23.2 63.2#

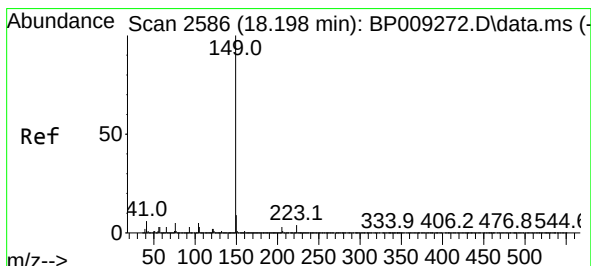
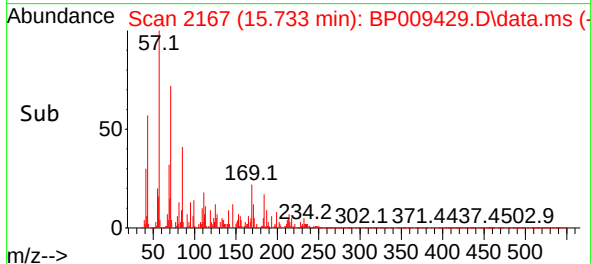
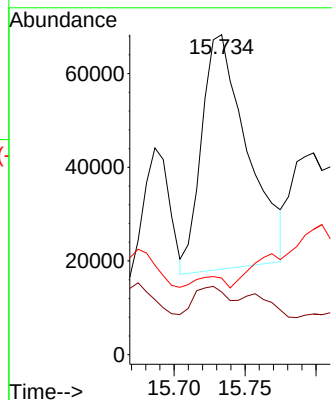
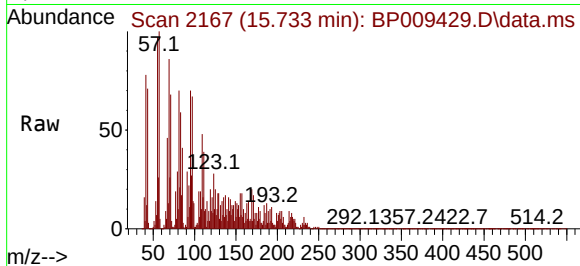




#66
 n-Nitrosodiphenylamine
 Concen: 2.268 ng
 RT: 15.733 min Scan# 2165
 Delta R.T. 0.012 min
 Lab File: BP009429.D
 Acq: 16 Mar 2022 18:53

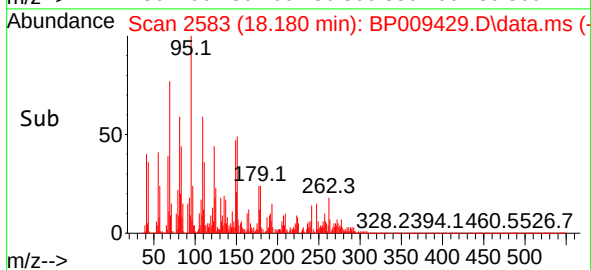
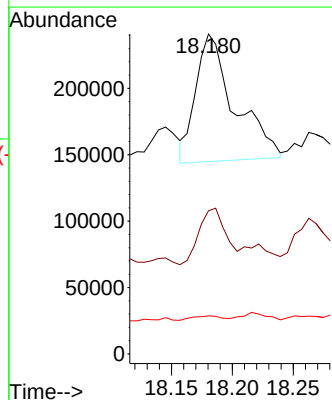
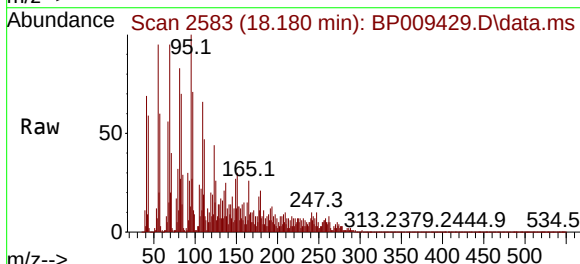
Instrument :
 BNA_P
 ClientSampleId :
 DB-8-(15-20)-3-12-22

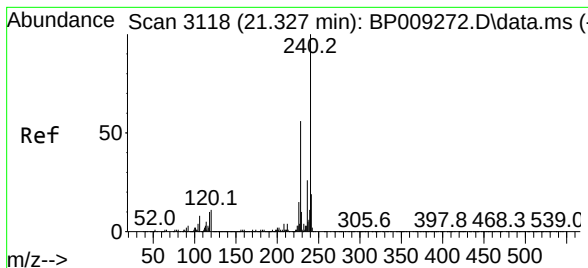
Tgt Ion:169 Resp: 112241
 Ion Ratio Lower Upper
 169 100
 168 19.6 51.6 77.4#
 167 23.9 29.0 43.4#



#74
 Di-n-butylphthalate
 Concen: 2.333 ng
 RT: 18.180 min Scan# 2583
 Delta R.T. -0.018 min
 Lab File: BP009429.D
 Acq: 16 Mar 2022 18:53

Tgt Ion:149 Resp: 212161
 Ion Ratio Lower Upper
 149 100
 150 44.7 7.3 10.9#
 104 11.9 4.2 6.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.345 min Scan# 3118

Delta R.T. 0.018 min

Lab File: BP009429.D

Acq: 16 Mar 2022 18:53

Instrument :

BNA_P

ClientSampleId :

DB-8-(15-20)-3-12-22

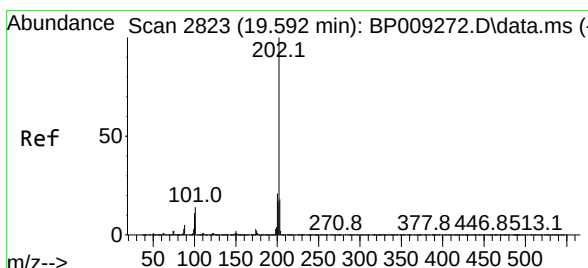
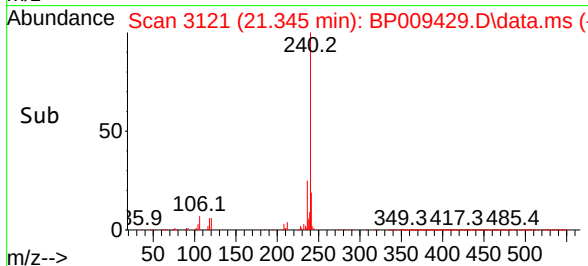
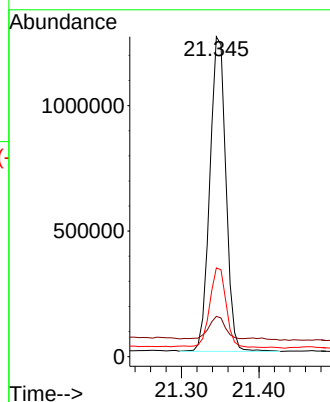
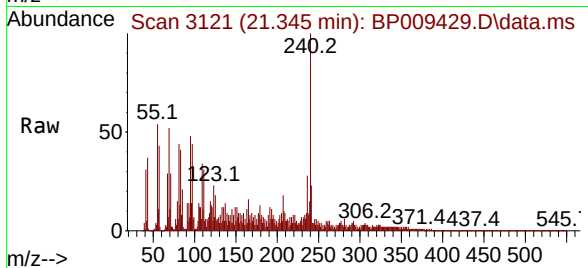
Tgt Ion:240 Resp: 1804328

Ion Ratio Lower Upper

240 100

120 12.6 9.0 13.4

236 27.8 20.6 30.8



#78

Pyrene

Concen: 2.051 ng

RT: 19.610 min Scan# 2826

Delta R.T. 0.018 min

Lab File: BP009429.D

Acq: 16 Mar 2022 18:53

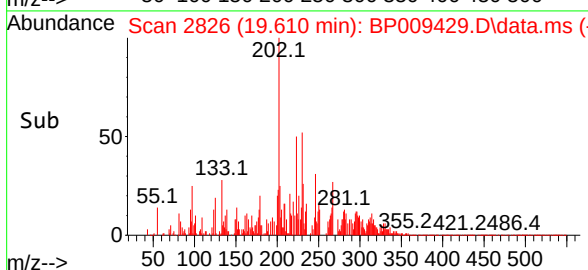
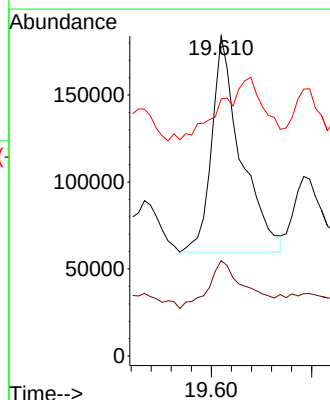
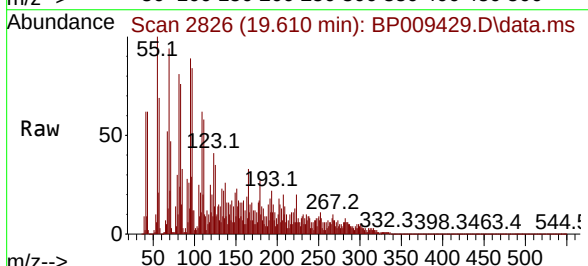
Tgt Ion:202 Resp: 249855

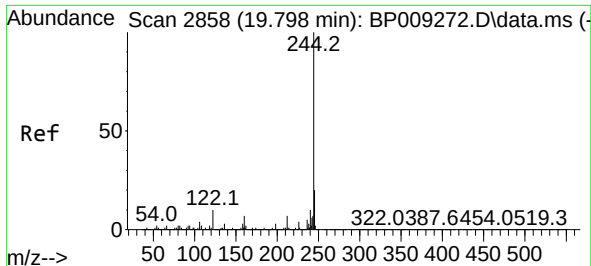
Ion Ratio Lower Upper

202 100

200 29.8 16.8 25.2#

203 80.4 14.2 21.4#

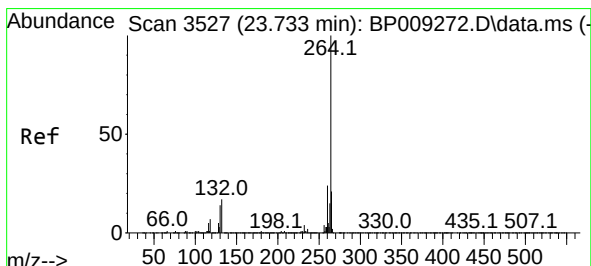
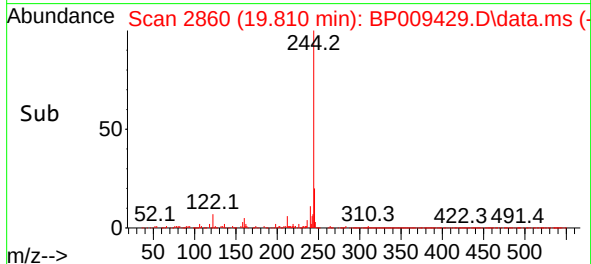
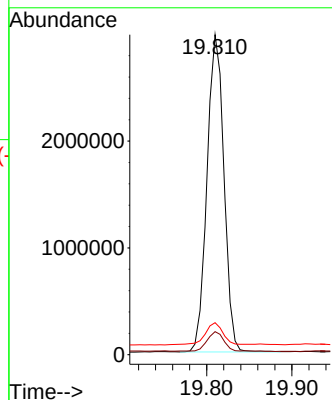
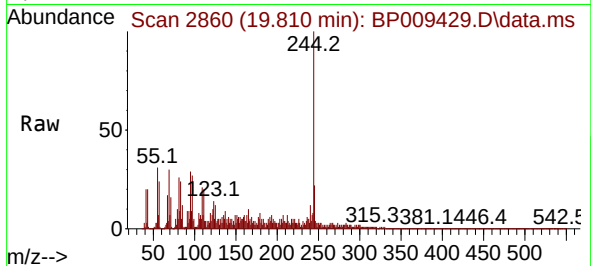




#79
 Terphenyl-d14
 Concen: 42.909 ng
 RT: 19.810 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP009429.D
 Acq: 16 Mar 2022 18:53

Instrument :
 BNA_P
 ClientSampleId :
 DB-8-(15-20)-3-12-22

Tgt Ion:244 Resp: 4102587
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 10.0 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.757 min Scan# 3531
 Delta R.T. 0.023 min
 Lab File: BP009429.D
 Acq: 16 Mar 2022 18:53

Tgt Ion:264 Resp: 2033153
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.0
 265 23.4 17.2 25.8

