

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
 Data File : BP009290.D
 Acq On : 07 Mar 2022 17:52
 Operator : CG/JU
 Sample : N1701-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20220213-096-21-01-ELUTRIATE

Quant Time: Mar 08 02:54:12 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)

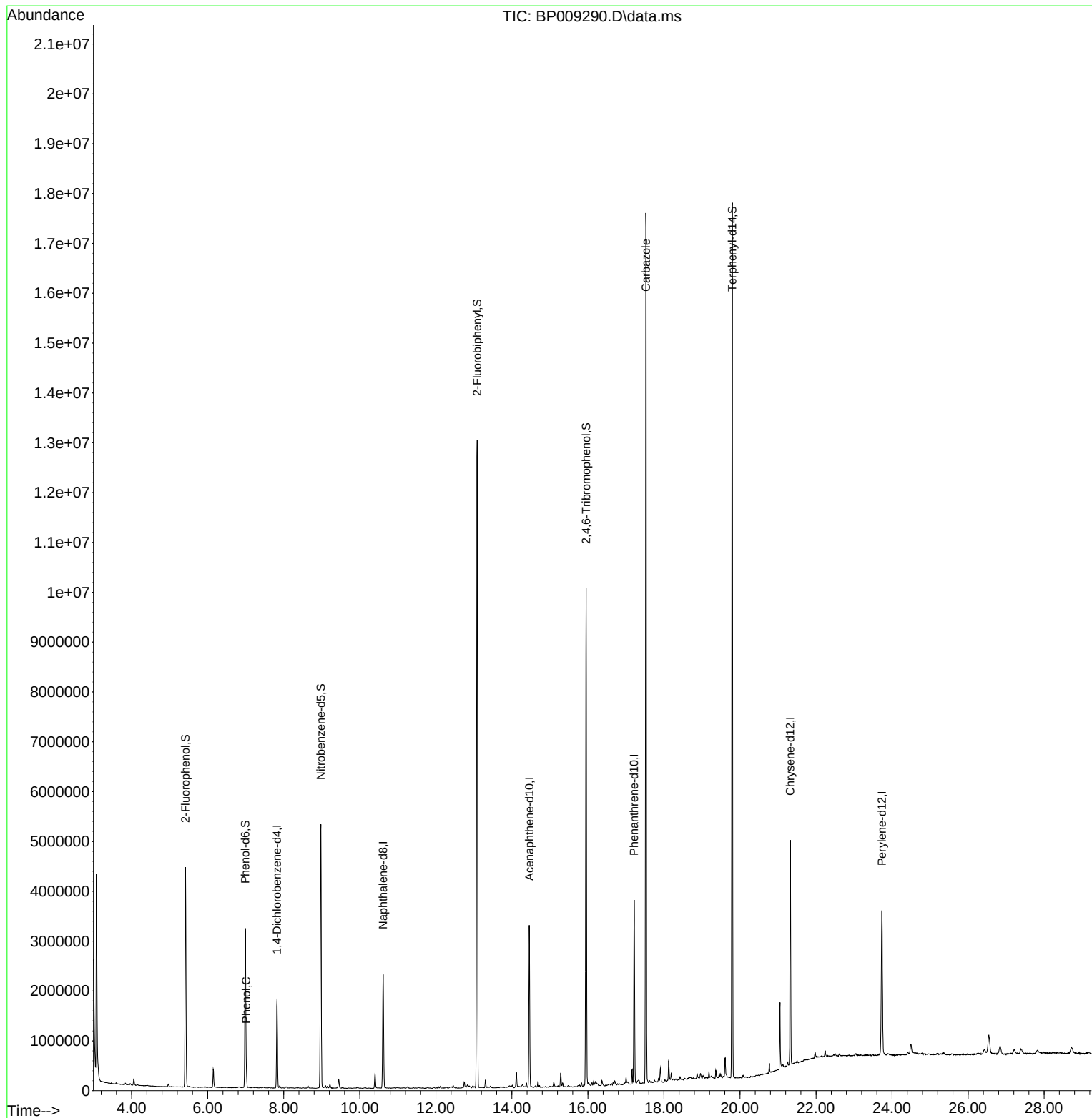
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	533659	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	2054119	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1184005	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	2345019	20.000	ng	0.00
76) Chrysene-d12	21.322	240	2279732	20.000	ng	0.00
86) Perylene-d12	23.733	264	2325921	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	2120008	57.987	ng	0.00
7) Phenol-d6	6.987	99	1978844	42.592	ng	0.00
23) Nitrobenzene-d5	8.975	82	3388458	90.857	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1978177	138.364	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	7236696	84.053	ng	0.00
79) Terphenyl-d14	19.798	244	9131071	75.586	ng	0.00
Target Compounds						
10) Phenol	7.016	94	148297	3.082	ng	96
73) Carbazole	17.528	167	376389	3.079	ng	# 60

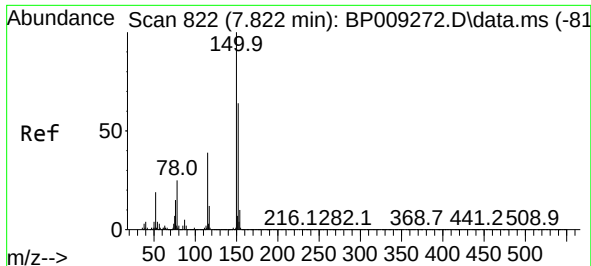
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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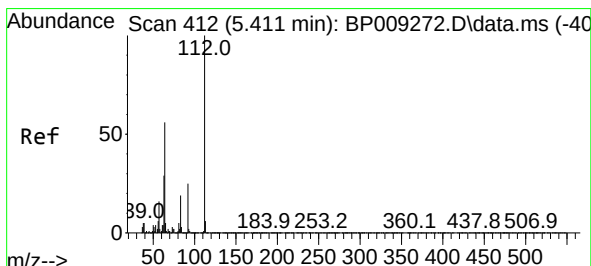
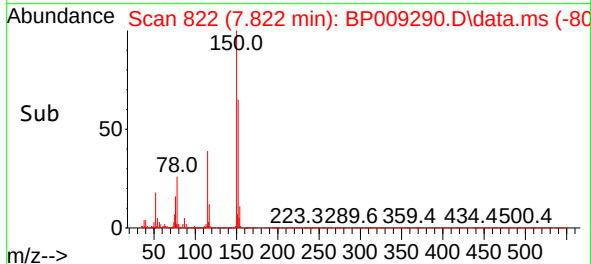
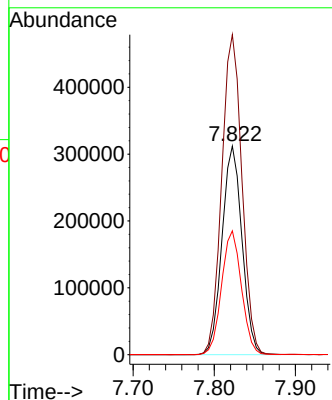
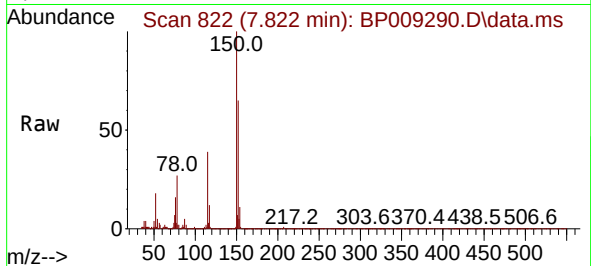




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP009290.D
Acq: 07 Mar 2022 17:52

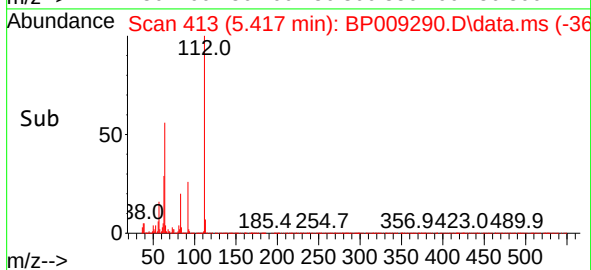
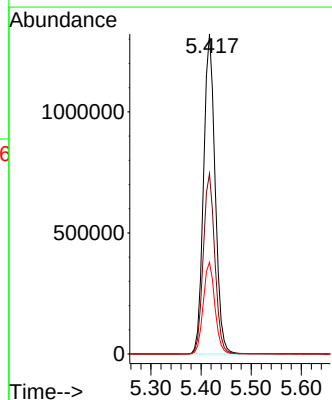
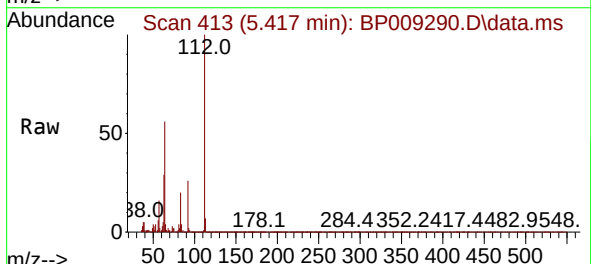
Instrument :
BNA_P
ClientSampleId :
2022013-096-21-01-ELUTRIATE

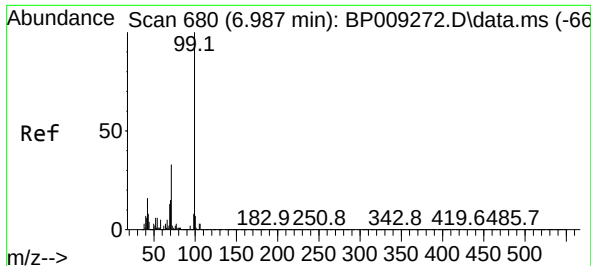
Tgt Ion:152 Resp: 533659
Ion Ratio Lower Upper
152 100
150 153.3 124.5 186.7
115 59.3 48.2 72.4



#5
2-Fluorophenol
Concen: 57.987 ng
RT: 5.417 min Scan# 413
Delta R.T. 0.006 min
Lab File: BP009290.D
Acq: 07 Mar 2022 17:52

Tgt Ion:112 Resp: 2120008
Ion Ratio Lower Upper
112 100
64 56.3 45.0 67.4
63 28.6 23.0 34.6

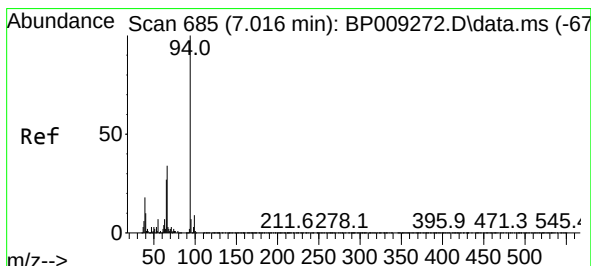
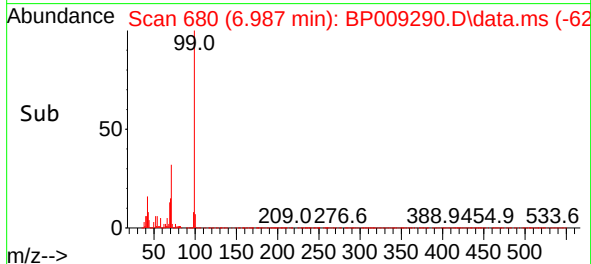
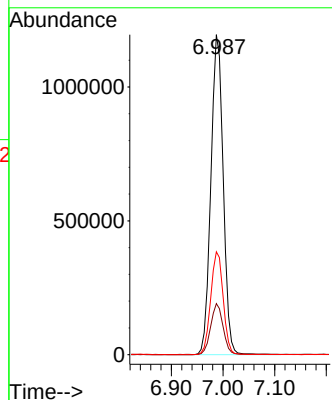
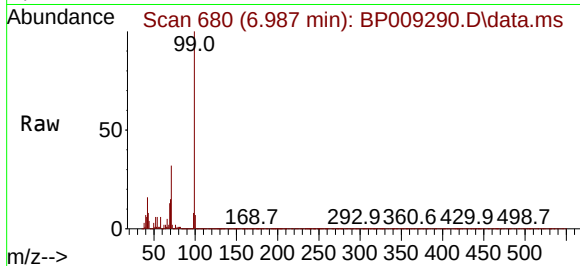




#7
Phenol-d6
Concen: 42.592 ng
RT: 6.987 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009290.D
Acq: 07 Mar 2022 17:52

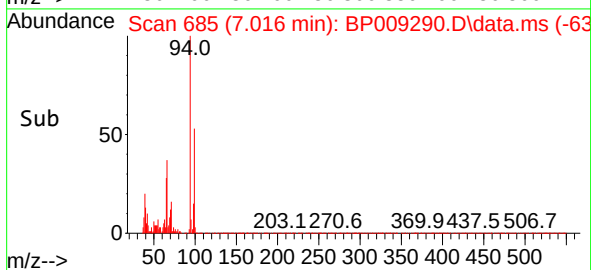
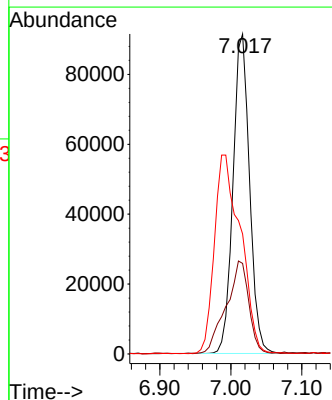
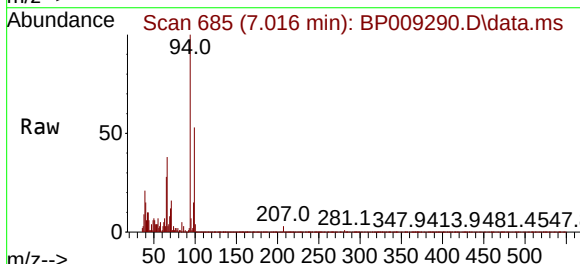
Instrument :
BNA_P
ClientSampleId :
20220213-096-21-01-ELUTRIATE

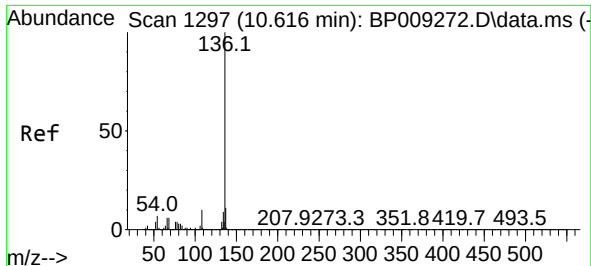
Tgt Ion: 99 Resp: 1978844
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 32.2 26.3 39.5



#10
Phenol
Concen: 3.082 ng
RT: 7.016 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP009290.D
Acq: 07 Mar 2022 17:52

Tgt Ion: 94 Resp: 148297
Ion Ratio Lower Upper
94 100
65 28.3 7.2 47.2
66 37.5 14.3 54.3

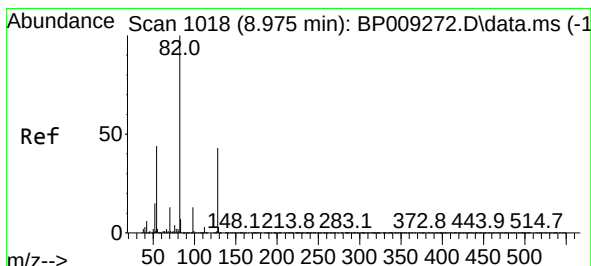
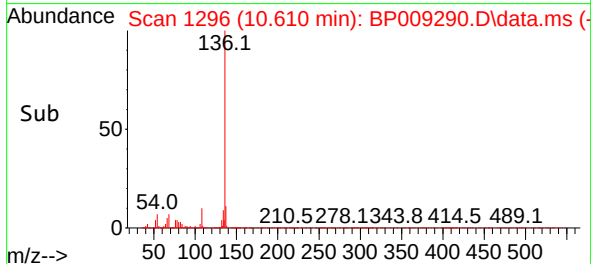
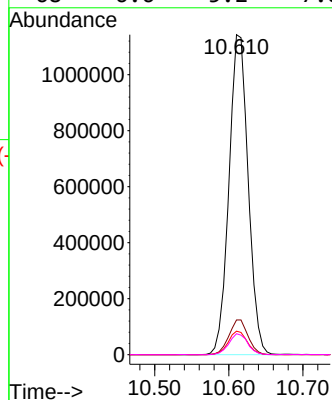
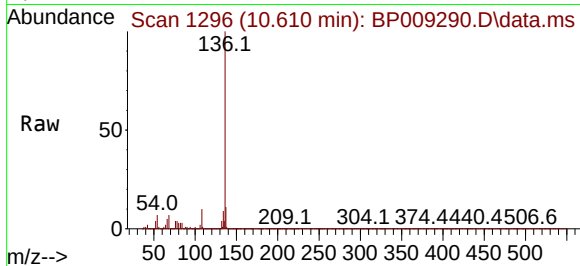




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP009290.D
Acq: 07 Mar 2022 17:52

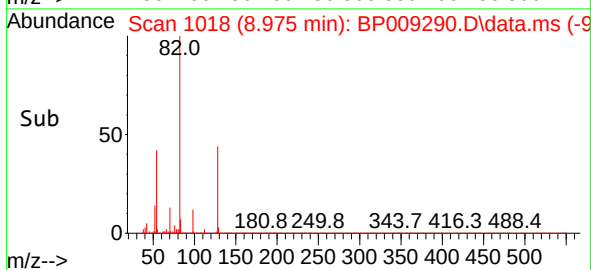
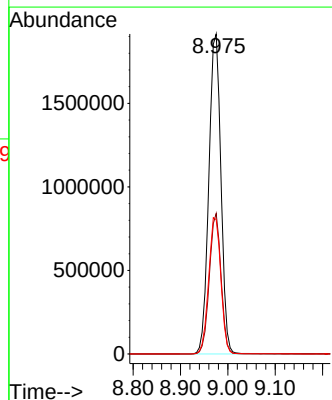
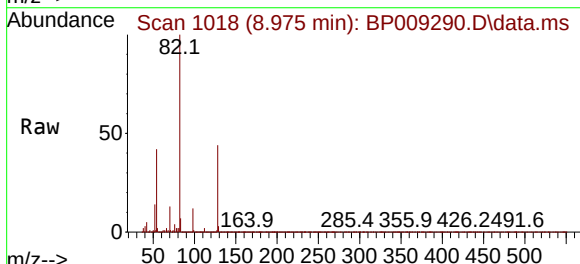
Instrument : BNA_P
ClientSampleId : 2022013-096-21-01-ELUTRIATE

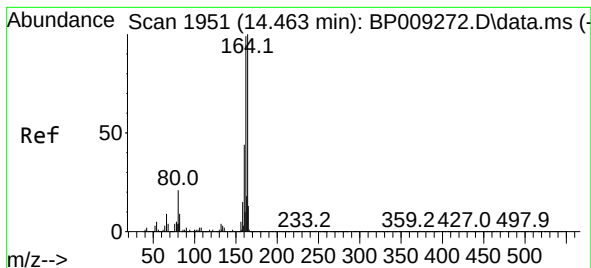
Tgt Ion:136 Resp: 2054119
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.3 5.8 8.8
68 6.6 5.2 7.8



#23
Nitrobenzene-d5
Concen: 90.857 ng
RT: 8.975 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BP009290.D
Acq: 07 Mar 2022 17:52

Tgt Ion: 82 Resp: 3388458
Ion Ratio Lower Upper
82 100
128 43.9 34.2 51.4
54 42.0 34.7 52.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP009290.D

Acq: 07 Mar 2022 17:52

Instrument :

BNA_P

ClientSampleId :

20220213-096-21-01-ELUTRIATE

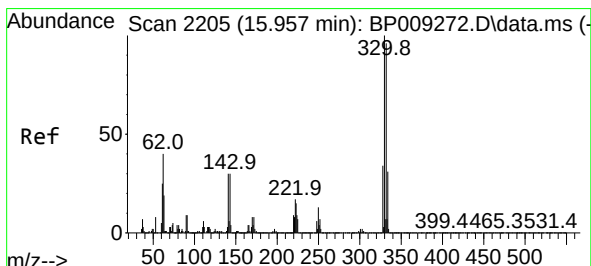
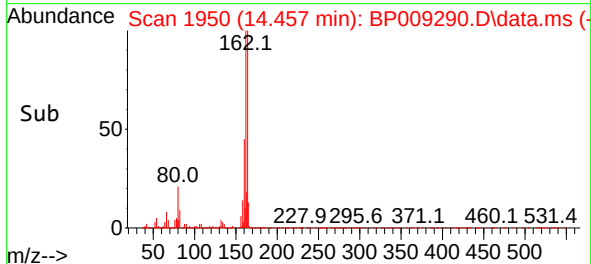
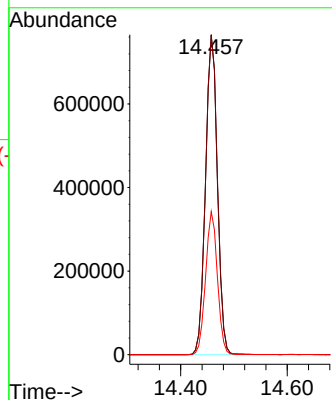
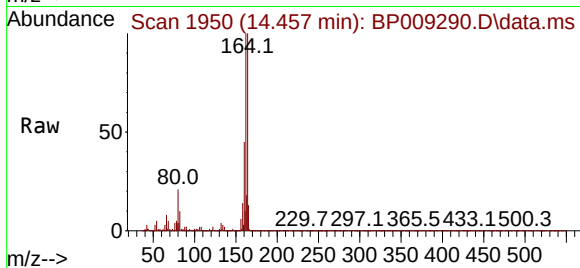
Tgt Ion:164 Resp: 1184005

Ion Ratio Lower Upper

164 100

162 99.7 79.1 118.7

160 44.7 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 138.364 ng

RT: 15.951 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BP009290.D

Acq: 07 Mar 2022 17:52

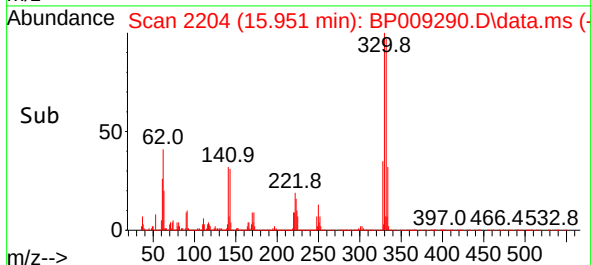
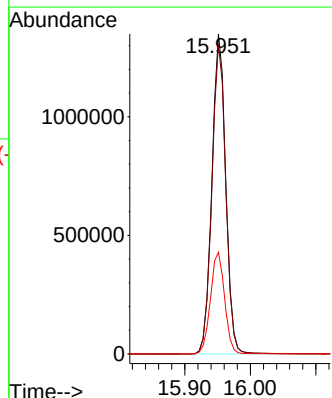
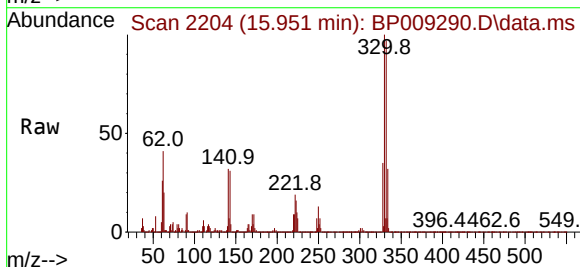
Tgt Ion:330 Resp: 1978177

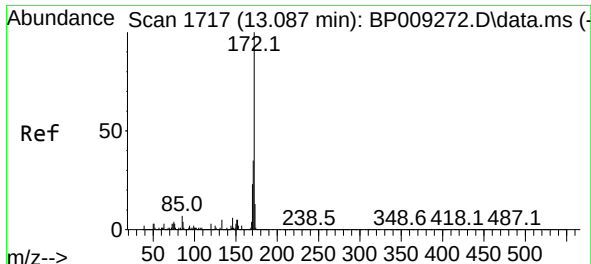
Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

141 32.6 27.6 41.4

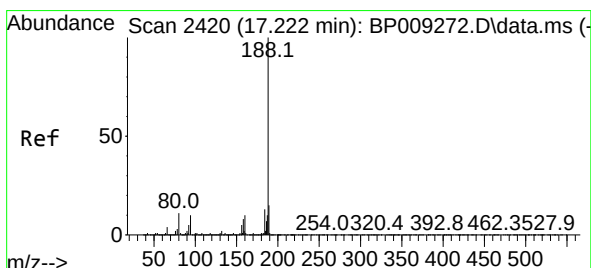
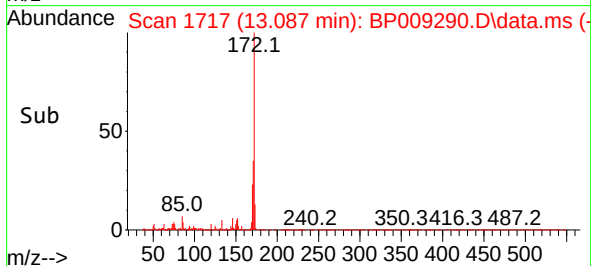
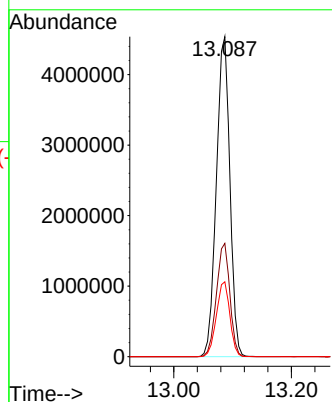
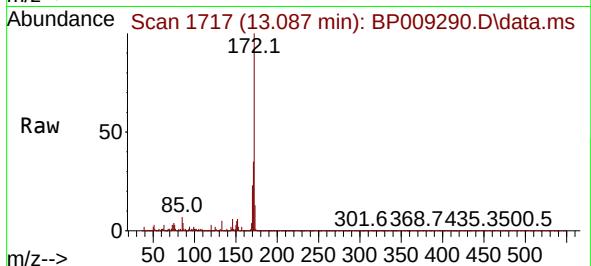




#45
2-Fluorobiphenyl
Concen: 84.053 ng
RT: 13.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP009290.D
Acq: 07 Mar 2022 17:52

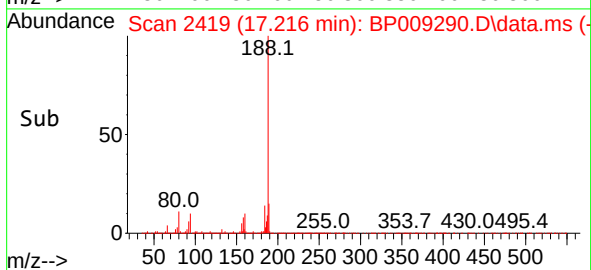
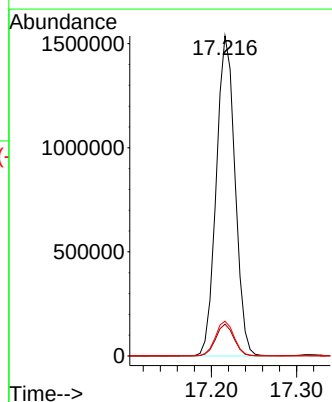
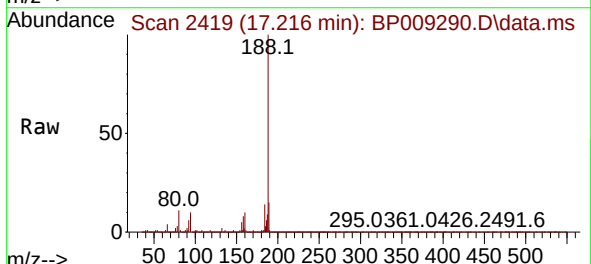
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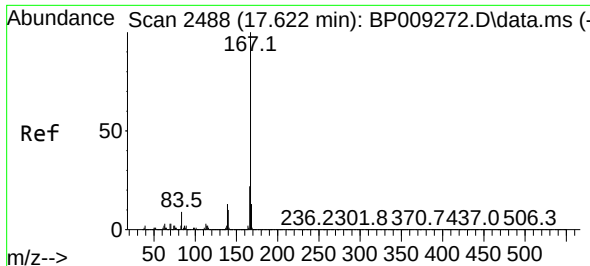
Tgt Ion:172 Resp: 7236696
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.4 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009290.D
Acq: 07 Mar 2022 17:52

Tgt Ion:188 Resp: 2345019
Ion Ratio Lower Upper
188 100
94 10.0 7.9 11.9
80 10.9 8.8 13.2

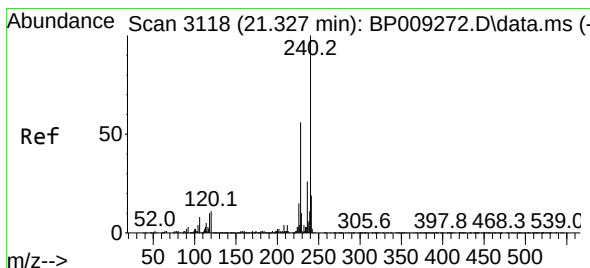
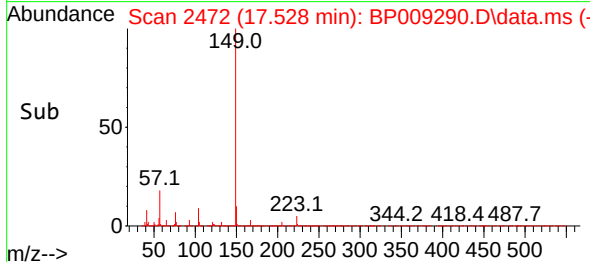
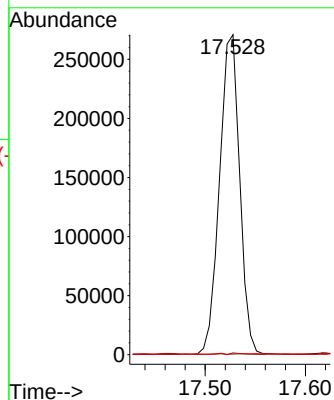
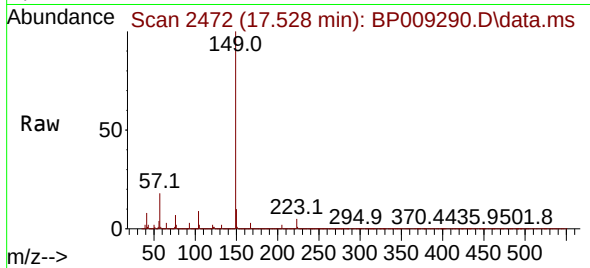




#73
 Carbazole
 Concen: 3.079 ng
 RT: 17.528 min Scan# 2488
 Delta R.T. -0.094 min
 Lab File: BP009290.D
 Acq: 07 Mar 2022 17:52

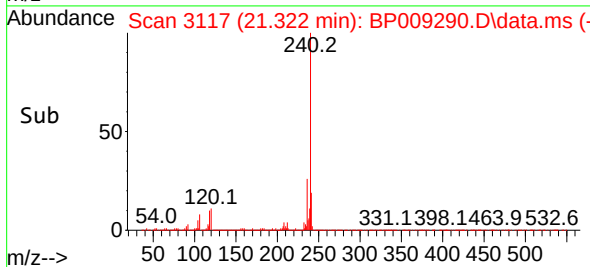
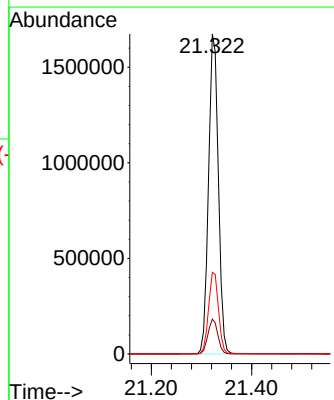
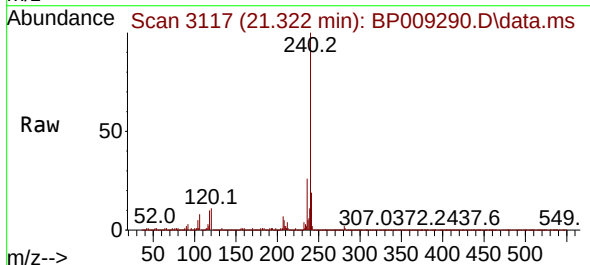
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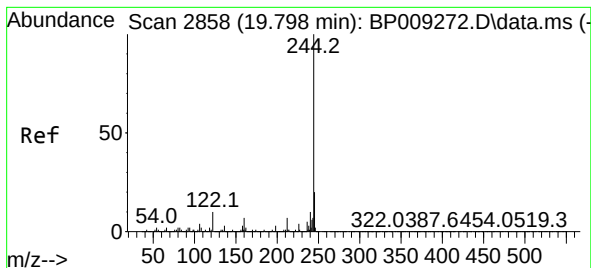
Tgt Ion:167 Resp: 376389
 Ion Ratio Lower Upper
 167 100
 166 0.6 17.2 25.8#
 139 0.2 10.3 15.5#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.322 min Scan# 3117
 Delta R.T. -0.006 min
 Lab File: BP009290.D
 Acq: 07 Mar 2022 17:52

Tgt Ion:240 Resp: 2279732
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.0 13.4
 236 25.5 20.6 30.8





#79

Terphenyl-d14

Concen: 75.586 ng

RT: 19.798 min Scan# 2858

Delta R.T. 0.000 min

Lab File: BP009290.D

Acq: 07 Mar 2022 17:52

Instrument :

BNA_P

ClientSampleId :

20220213-096-21-01-ELUTRIATE

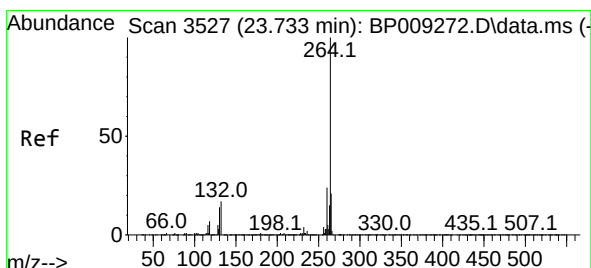
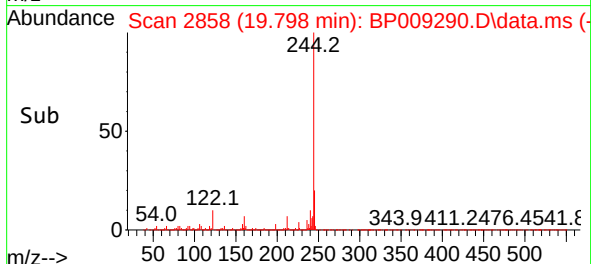
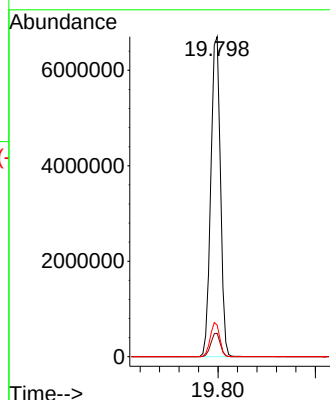
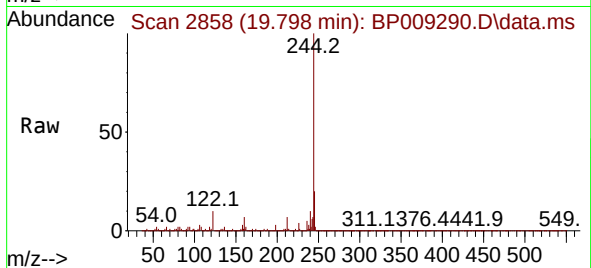
Tgt Ion:244 Resp: 9131071

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.9 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.733 min Scan# 3527

Delta R.T. 0.000 min

Lab File: BP009290.D

Acq: 07 Mar 2022 17:52

Tgt Ion:264 Resp: 2325921

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 21.5 17.2 25.8

