

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
 Data File : BP013944.D
 Acq On : 03 Mar 2023 14:50
 Operator : CG/JU
 Sample : 01764-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CS-A-CRUSHED-STONE-PILE-1

Quant Time: Mar 04 00:56:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 02 04:26:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	114007	20.000	ng	0.00
21) Naphthalene-d8	10.916	136	404707	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	240998	20.000	ng	0.00
64) Phenanthrene-d10	17.481	188	552031	20.000	ng	0.00
76) Chrysene-d12	21.557	240	617213	20.000	ng	-0.01
86) Perylene-d12	24.104	264	722603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	667954	96.561	ng	0.00
7) Phenol-d6	7.246	99	831608	93.868	ng	0.00
23) Nitrobenzene-d5	9.263	82	546864	72.968	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	392561	111.900	ng	-0.01
45) 2-Fluorobiphenyl	13.351	172	1217073	66.332	ng	0.00
79) Terphenyl-d14	20.016	244	2268288	70.708	ng	0.00

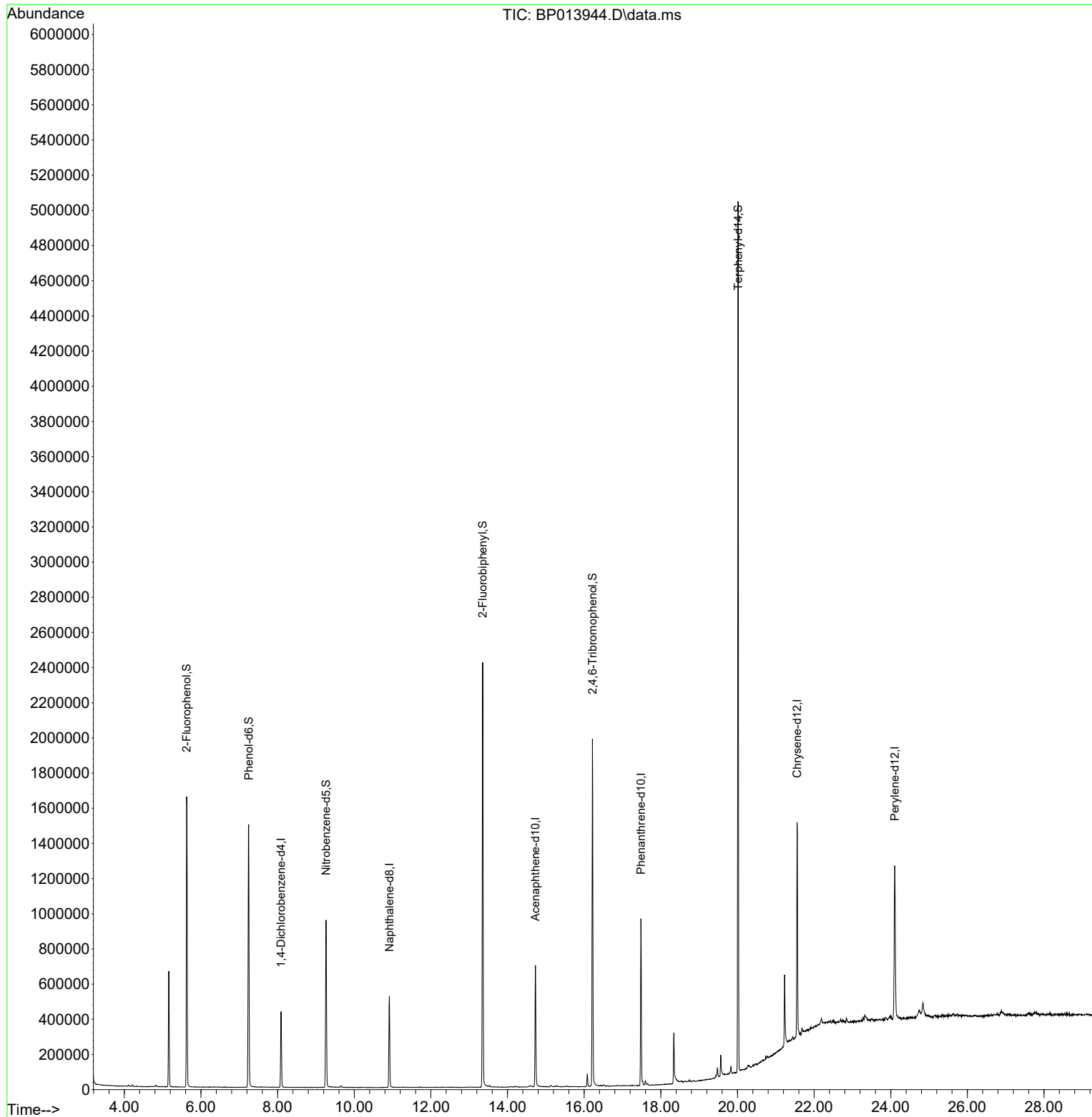
Target Compounds	Qvalue

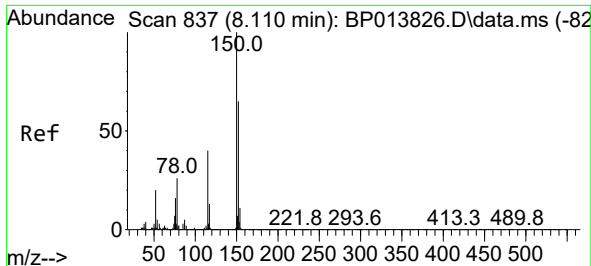
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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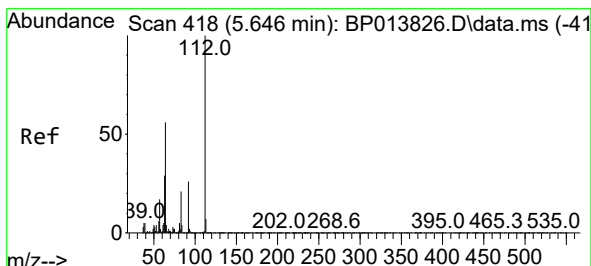
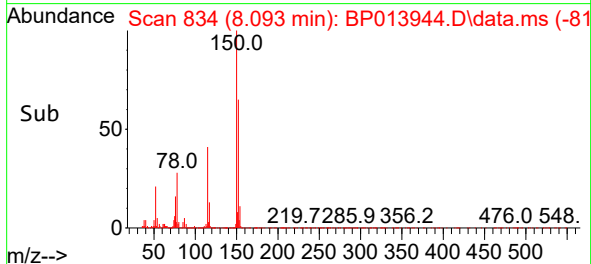
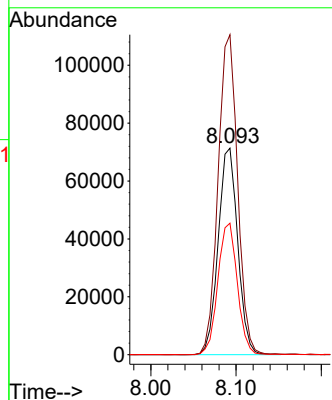
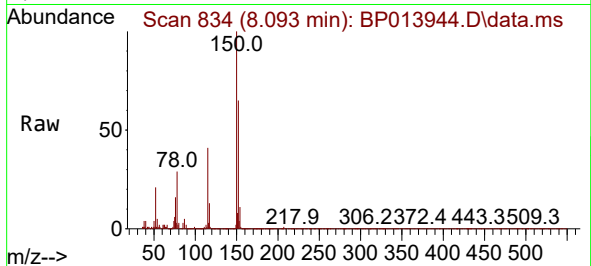




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013944.D
Acq: 03 Mar 2023 14:50

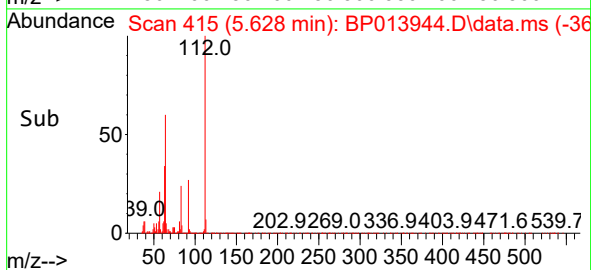
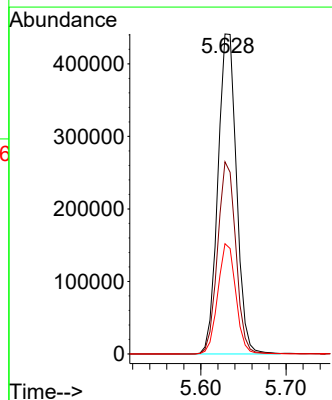
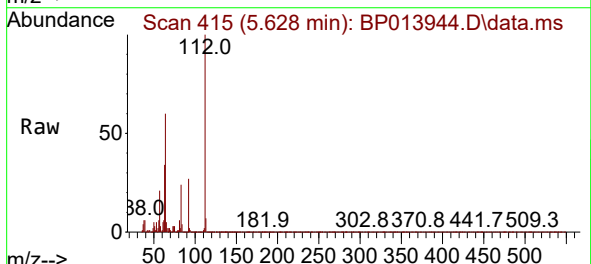
Instrument :
BNA_P
ClientSampleId :
CS-A-CRUSHED-STONE-PILE-1

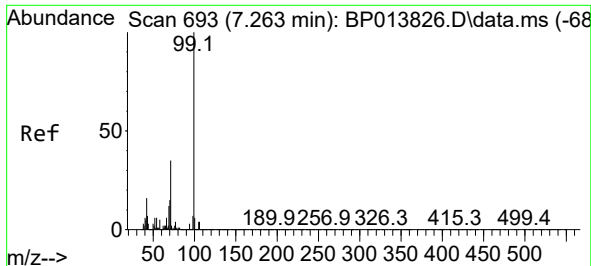
Tgt Ion:152 Resp: 114007
Ion Ratio Lower Upper
152 100
150 154.9 122.8 184.2
115 63.6 49.0 73.6



#5
2-Fluorophenol
Concen: 96.561 ng
RT: 5.628 min Scan# 415
Delta R.T. -0.006 min
Lab File: BP013944.D
Acq: 03 Mar 2023 14:50

Tgt Ion:112 Resp: 667954
Ion Ratio Lower Upper
112 100
64 60.1 44.6 66.8
63 34.4 23.6 35.4

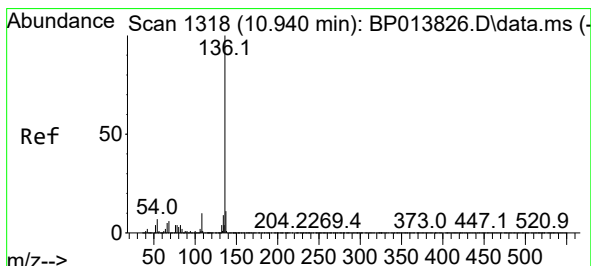
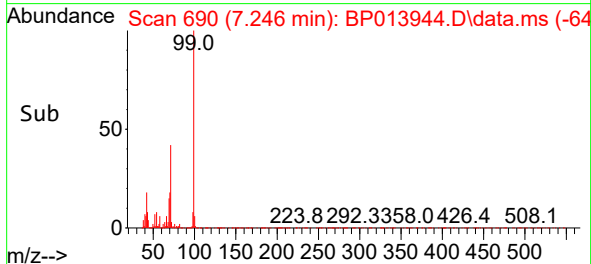
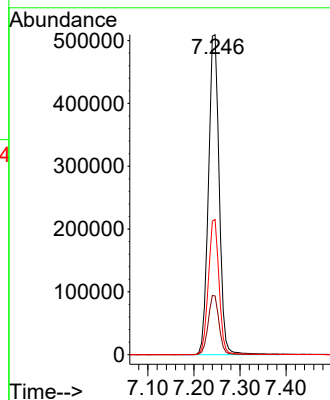
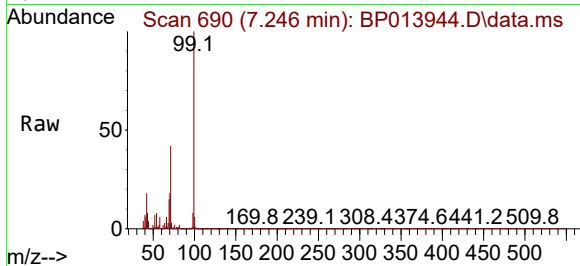




#7
Phenol-d6
Concen: 93.868 ng
RT: 7.246 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP013944.D
Acq: 03 Mar 2023 14:50

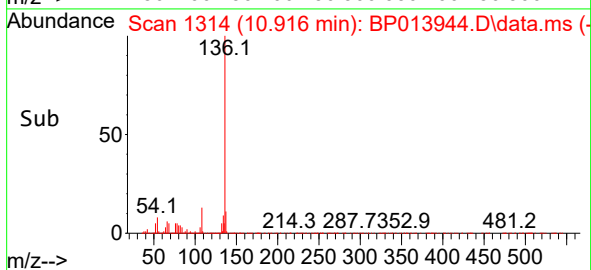
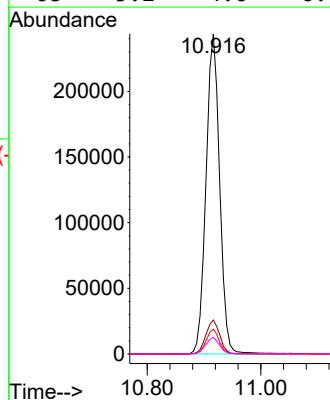
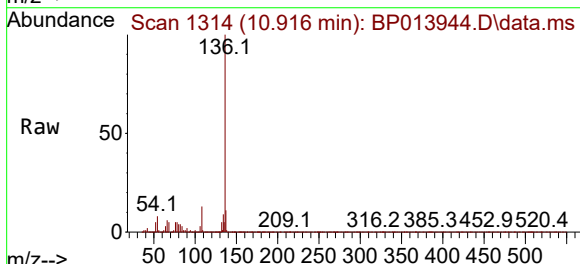
Instrument :
BNA_P
ClientSampleId :
CS-A-CRUSHED-STONE-PILE-1

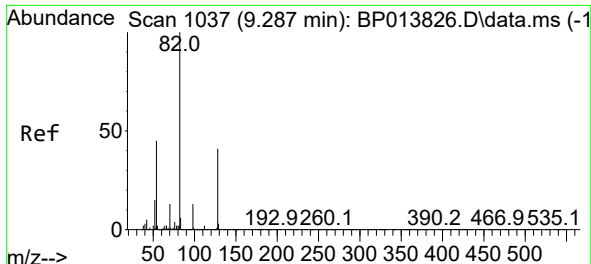
Tgt Ion: 99 Resp: 831608
Ion Ratio Lower Upper
99 100
42 18.3 12.5 18.7
71 42.2 27.8 41.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP013944.D
Acq: 03 Mar 2023 14:50

Tgt Ion: 136 Resp: 404707
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 7.8 5.8 8.6
68 5.2 4.6 6.8

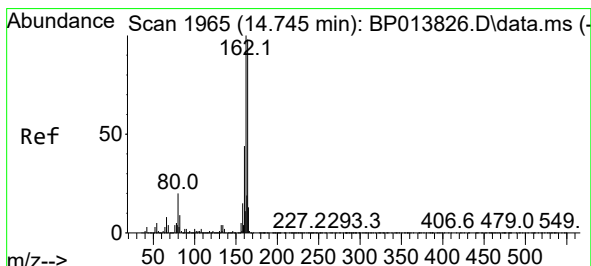
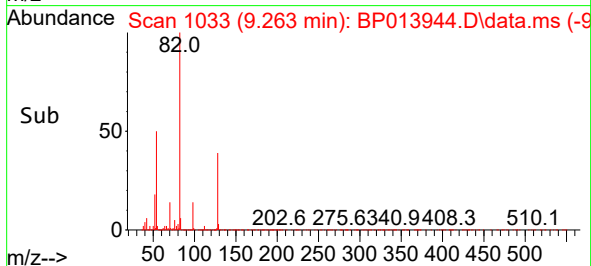
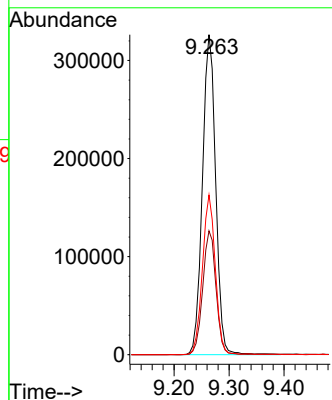
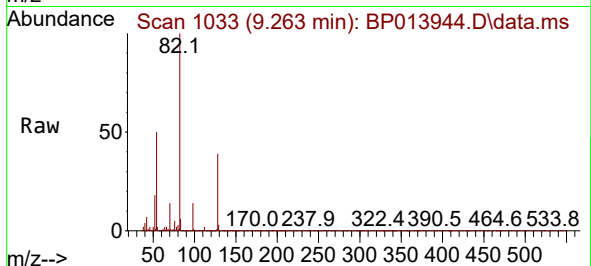




#23
Nitrobenzene-d5
Concen: 72.968 ng
RT: 9.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BP013944.D
Acq: 03 Mar 2023 14:50

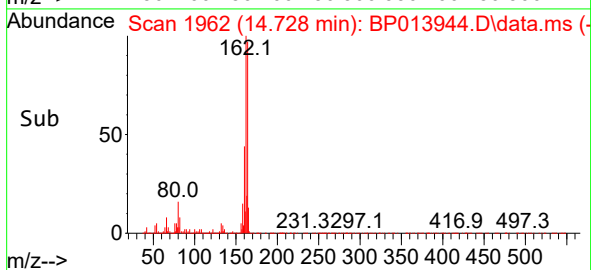
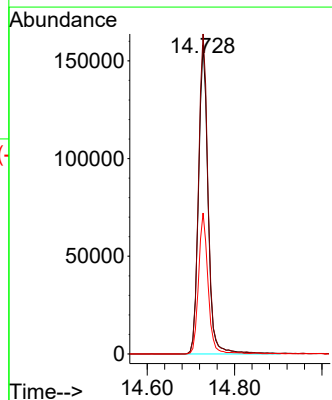
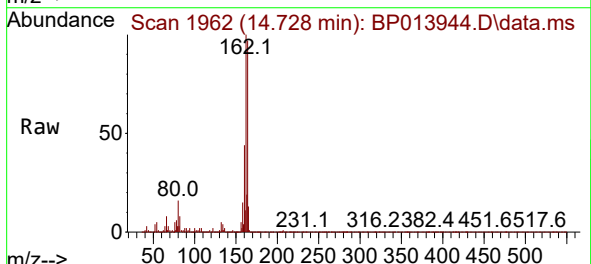
Instrument :
BNA_P
ClientSampleId :
CS-A-CRUSHED-STONE-PILE-1

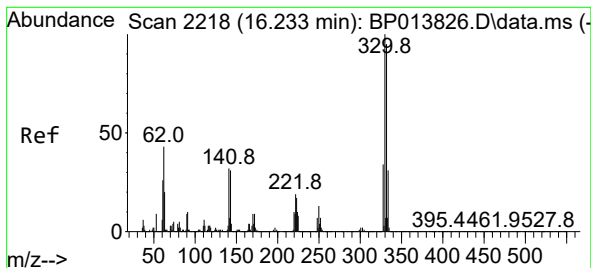
Tgt Ion: 82 Resp: 546864
Ion Ratio Lower Upper
82 100
128 38.7 32.9 49.3
54 49.9 35.6 53.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP013944.D
Acq: 03 Mar 2023 14:50

Tgt Ion: 164 Resp: 240998
Ion Ratio Lower Upper
164 100
162 103.6 81.7 122.5
160 45.6 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 111.900 ng

RT: 16.216 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP013944.D

Acq: 03 Mar 2023 14:50

Instrument :

BNA_P

ClientSampleId :

CS-A-CRUSHED-STONE-PILE-1

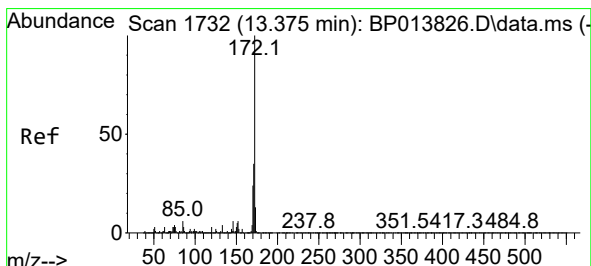
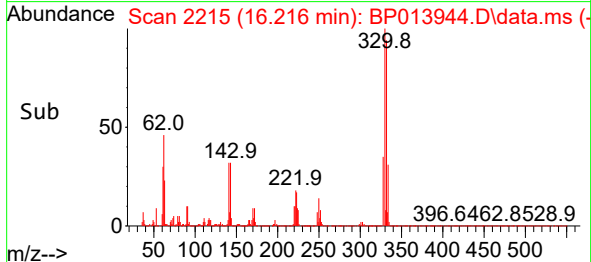
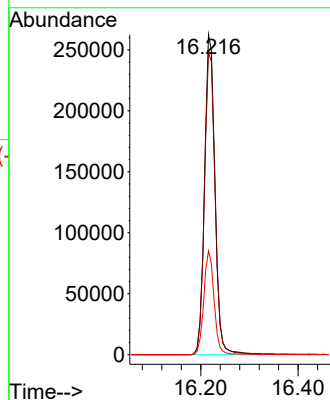
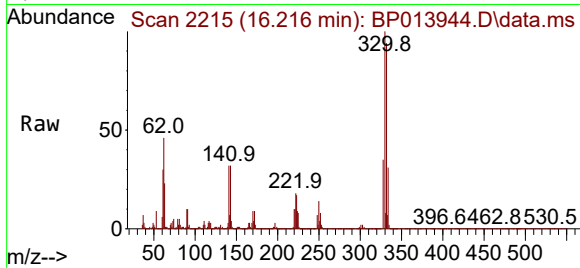
Tgt Ion:330 Resp: 392561

Ion Ratio Lower Upper

330 100

332 96.5 76.7 115.1

141 32.0 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 66.332 ng

RT: 13.351 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BP013944.D

Acq: 03 Mar 2023 14:50

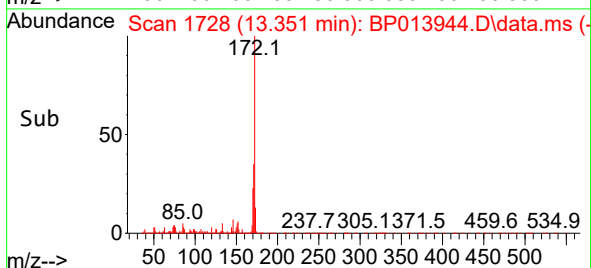
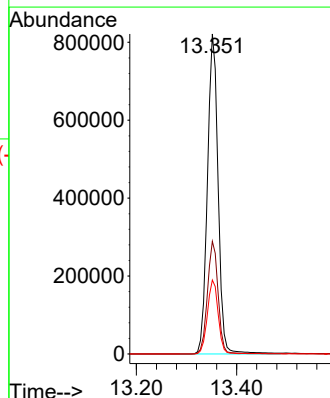
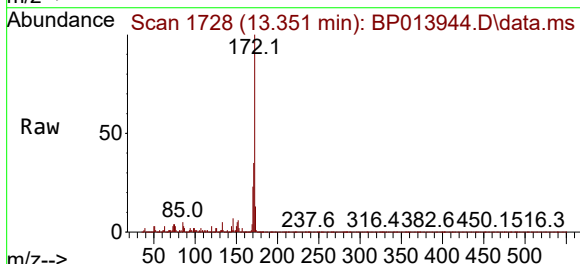
Tgt Ion:172 Resp: 1217073

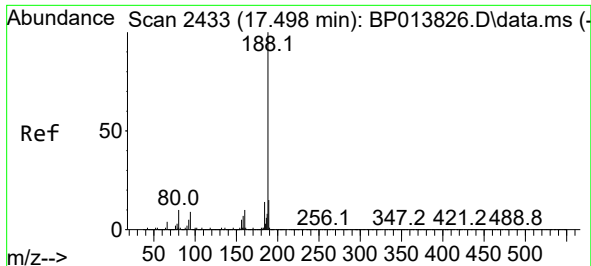
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.1 19.0 28.4

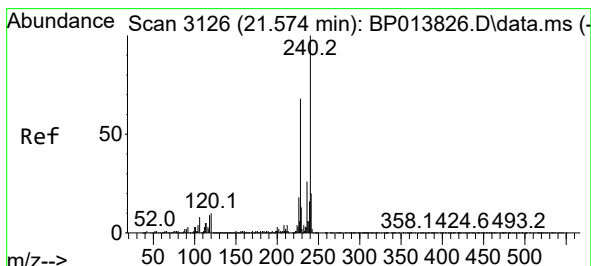
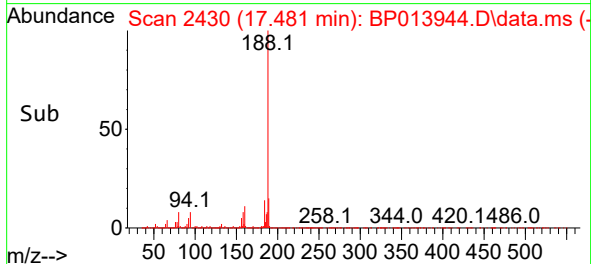
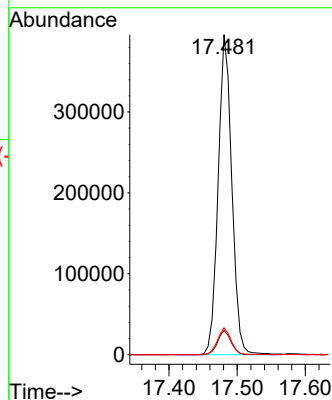
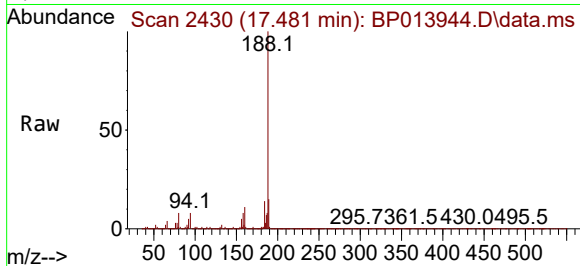




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.481 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BP013944.D
Acq: 03 Mar 2023 14:50

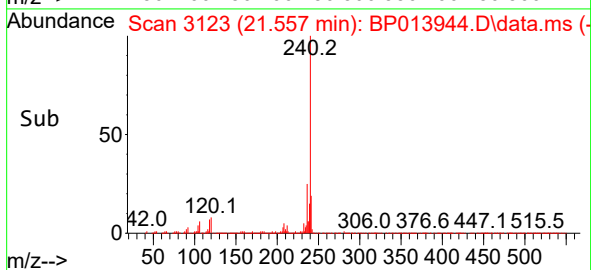
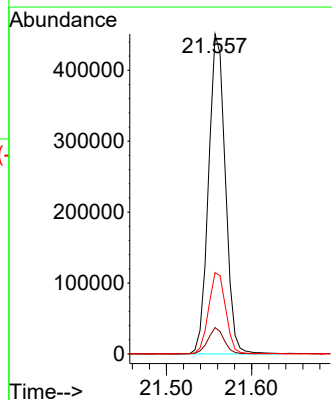
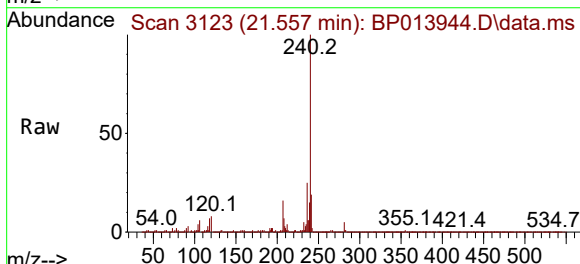
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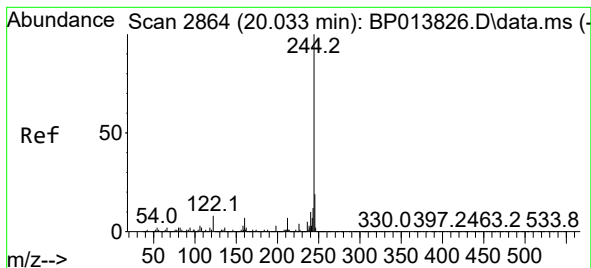
Tgt Ion:188 Resp: 552031
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.6
80 8.4 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.557 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BP013944.D
Acq: 03 Mar 2023 14:50

Tgt Ion:240 Resp: 617213
Ion Ratio Lower Upper
240 100
120 8.3 7.9 11.9
236 25.4 20.9 31.3





#79

Terphenyl-d14

Concen: 70.708 ng

RT: 20.016 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013944.D

Acq: 03 Mar 2023 14:50

Instrument :

BNA_P

ClientSampleId :

CS-A-CRUSHED-STONE-PILE-1

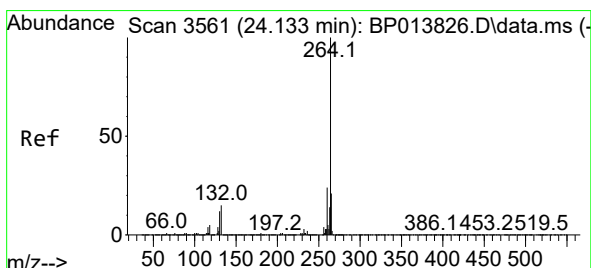
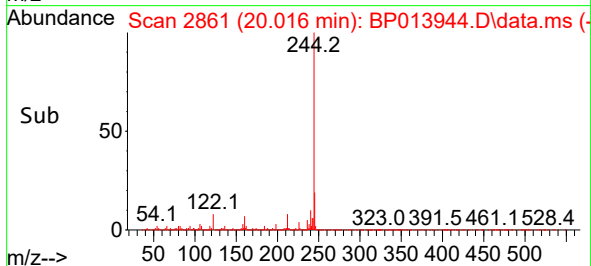
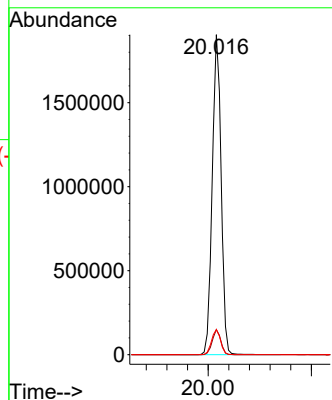
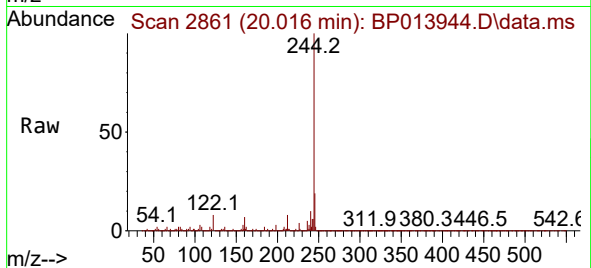
Tgt Ion:244 Resp: 2268288

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

122 7.9 6.7 10.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.104 min Scan# 3556

Delta R.T. -0.006 min

Lab File: BP013944.D

Acq: 03 Mar 2023 14:50

Tgt Ion:264 Resp: 722603

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 22.0 17.6 26.4

