

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
 Data File : BP009400.D
 Acq On : 15 Mar 2022 16:15
 Operator : CG/JU
 Sample : N1913-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-SOILP

Quant Time: Mar 16 01:56:55 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	262592	20.000	ng	-0.01
21) Naphthalene-d8	10.604	136	1026666	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	678366	20.000	ng	-0.01
64) Phenanthrene-d10	17.210	188	1505052	20.000	ng	-0.01
76) Chrysene-d12	21.321	240	1750396	20.000	ng	0.00
86) Perylene-d12	23.733	264	1884769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1715522	95.361	ng	0.01
7) Phenol-d6	7.010	99	2119673	92.720	ng	0.02
23) Nitrobenzene-d5	8.963	82	1334125	71.573	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	1190434	145.329	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	3247790	65.840	ng	-0.01
79) Terphenyl-d14	19.792	244	6076764	65.514	ng	0.00

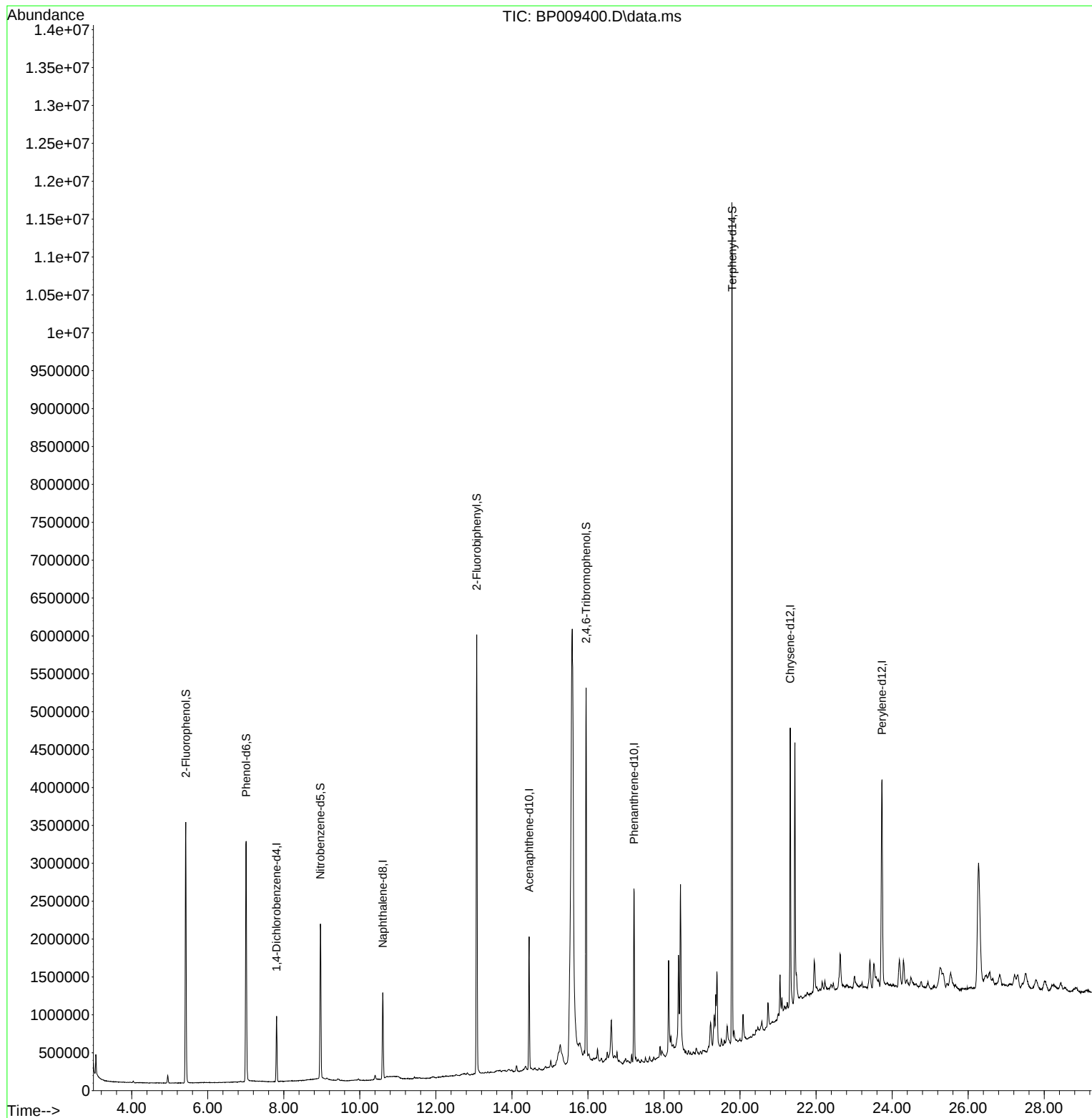
Target Compounds	Qvalue

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
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QLast Update : Sat Mar 05 01:55:59 2022
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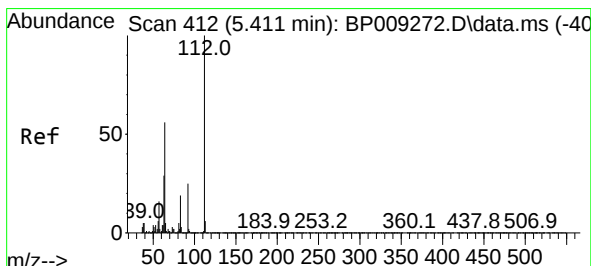
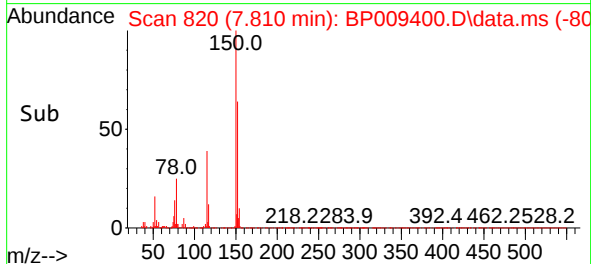
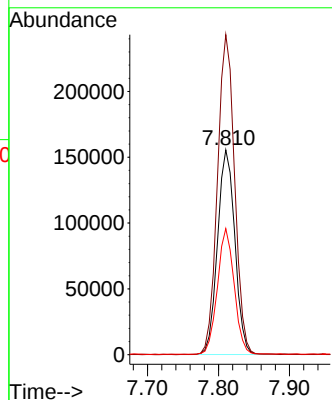
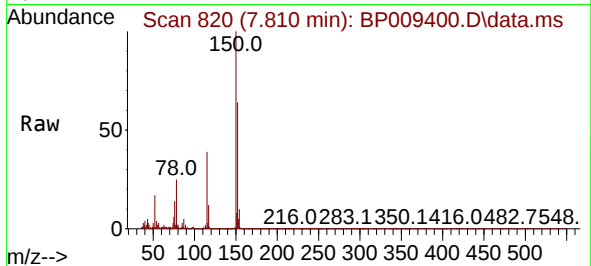




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009400.D
Acq: 15 Mar 2022 16:15

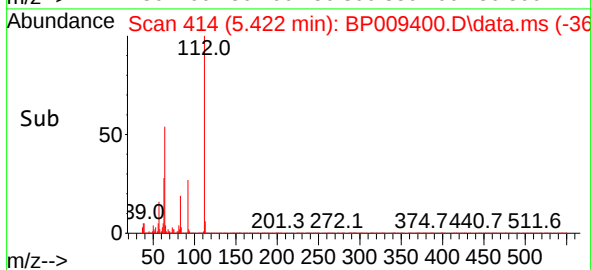
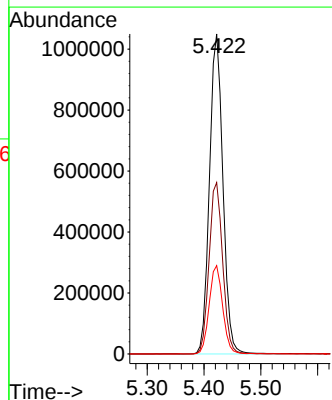
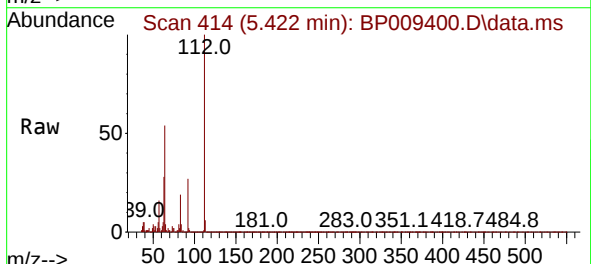
Instrument :
BNA_P
ClientSampleId :
BS-SOILP

Tgt Ion:152 Resp: 262592
Ion Ratio Lower Upper
152 100
150 156.2 124.5 186.7
115 61.6 48.2 72.4



#5
2-Fluorophenol
Concen: 95.361 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.011 min
Lab File: BP009400.D
Acq: 15 Mar 2022 16:15

Tgt Ion:112 Resp: 1715522
Ion Ratio Lower Upper
112 100
64 53.6 45.0 67.4
63 27.6 23.0 34.6

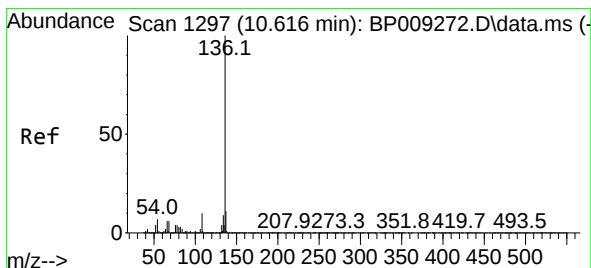
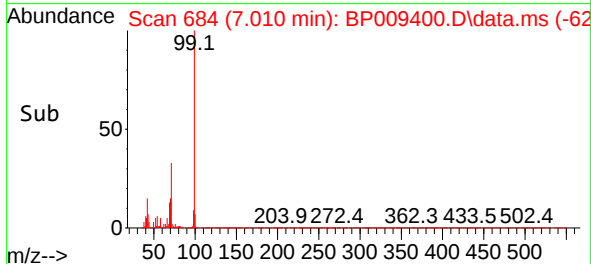
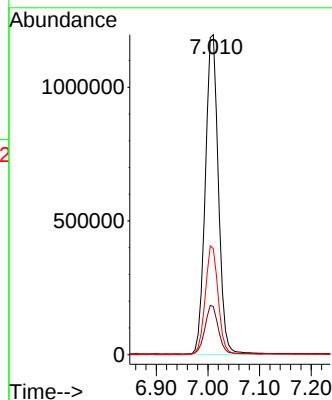
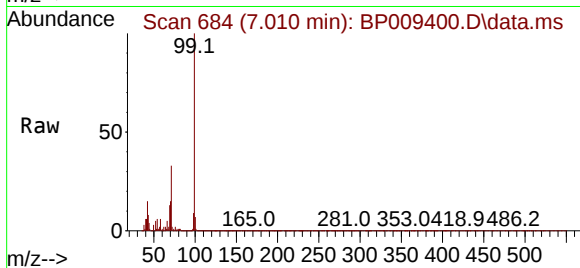




#7
Phenol-d6
Concen: 92.720 ng
RT: 7.010 min Scan# 61
Delta R.T. 0.023 min
Lab File: BP009400.D
Acq: 15 Mar 2022 16:15

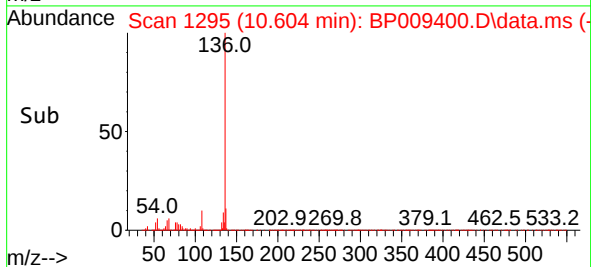
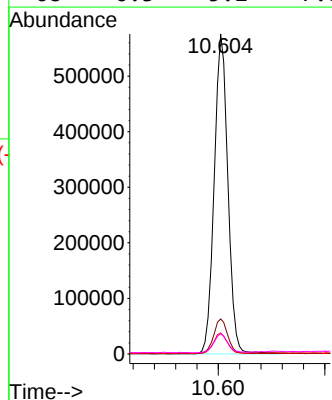
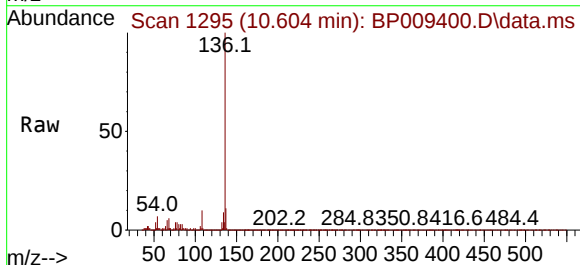
Instrument :
BNA_P
ClientSampleId :
BS-SOILP

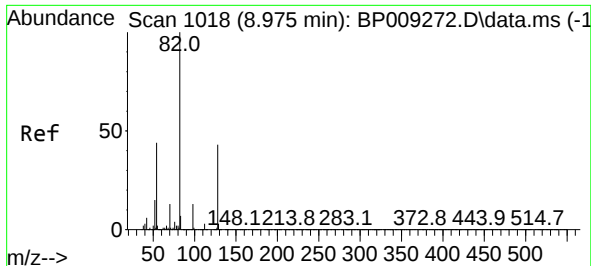
Tgt Ion: 99 Resp: 2119673
Ion Ratio Lower Upper
99 100
42 15.1 12.8 19.2
71 33.2 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP009400.D
Acq: 15 Mar 2022 16:15

Tgt Ion:136 Resp: 1026666
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.5 5.8 8.8
68 6.3 5.2 7.8

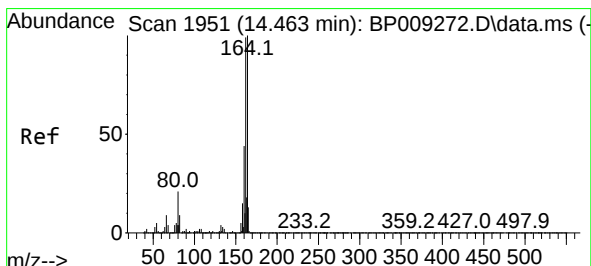
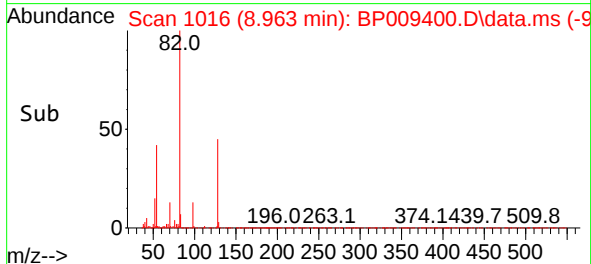
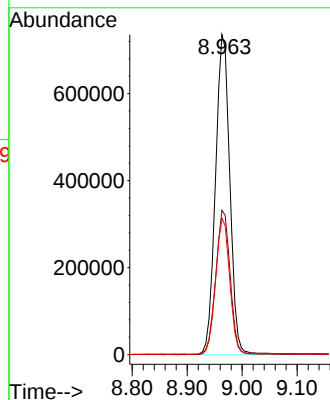
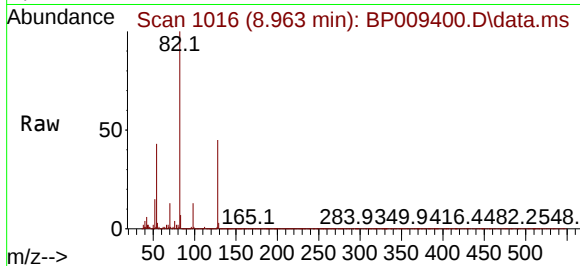




#23
 Nitrobenzene-d5
 Concen: 71.573 ng
 RT: 8.963 min Scan# 1016
 Delta R.T. -0.012 min
 Lab File: BP009400.D
 Acq: 15 Mar 2022 16:15

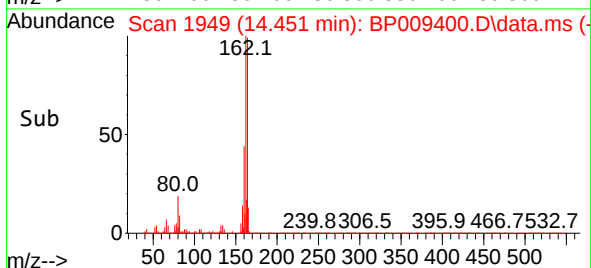
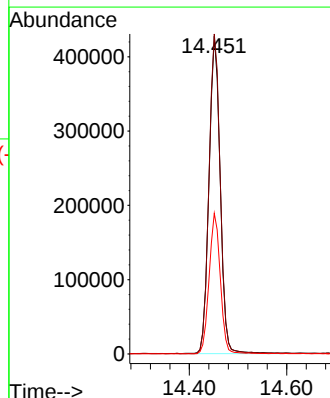
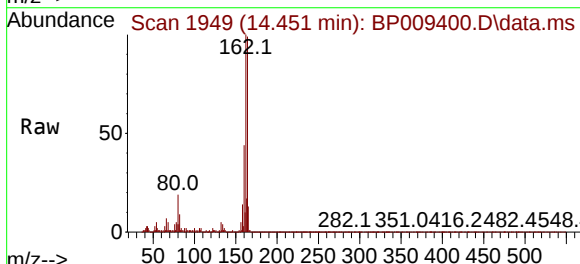
Instrument :
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 ClientSampleId :
 BS-SOILP

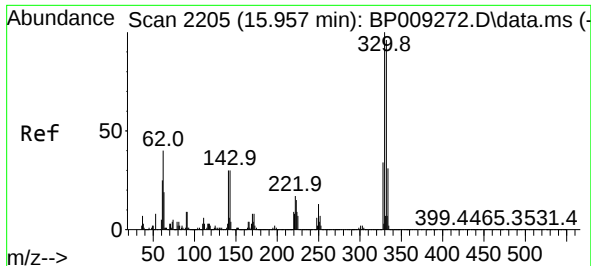
Tgt Ion: 82 Resp: 1334125
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.2 51.4
 54 42.6 34.7 52.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.451 min Scan# 1949
 Delta R.T. -0.012 min
 Lab File: BP009400.D
 Acq: 15 Mar 2022 16:15

Tgt Ion:164 Resp: 678366
 Ion Ratio Lower Upper
 164 100
 162 100.7 79.1 118.7
 160 44.3 34.9 52.3

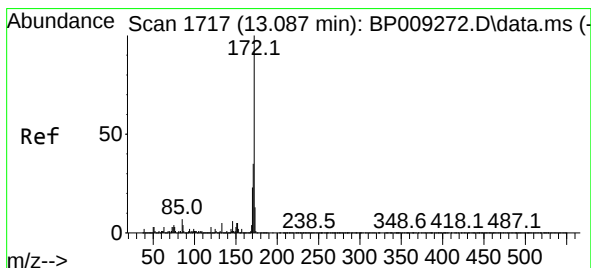
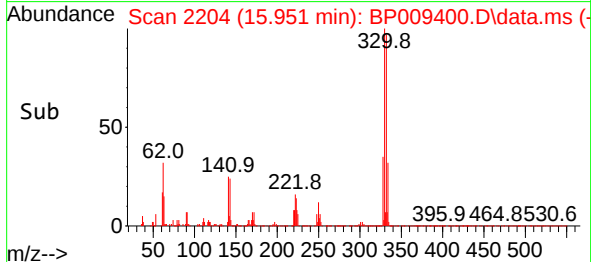
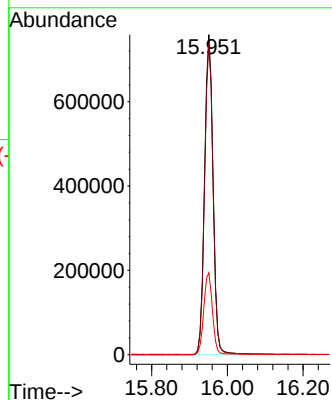
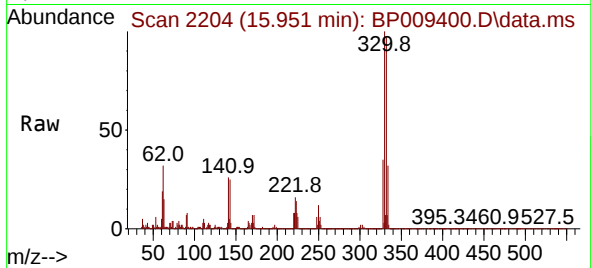




#42
2,4,6-Tribromophenol
Concen: 145.329 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009400.D
Acq: 15 Mar 2022 16:15

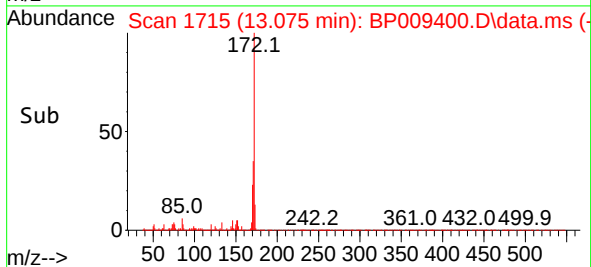
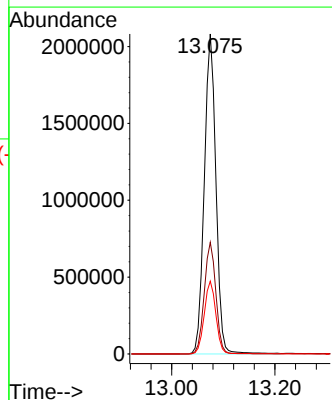
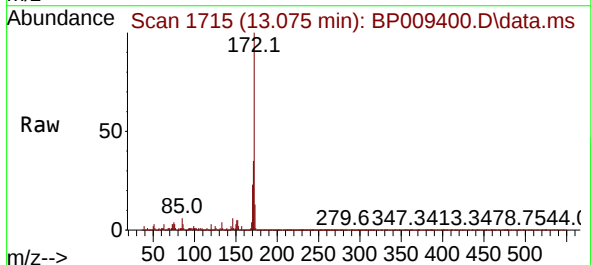
Instrument :
BNA_P
ClientSampleId :
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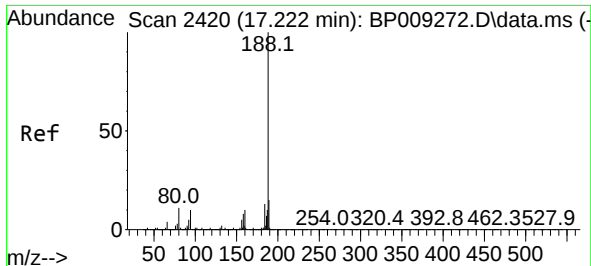
Tgt Ion:330 Resp: 1190434
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 25.8 27.6 41.4#



#45
2-Fluorobiphenyl
Concen: 65.840 ng
RT: 13.075 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BP009400.D
Acq: 15 Mar 2022 16:15

Tgt Ion:172 Resp: 3247790
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 22.7 18.6 27.8

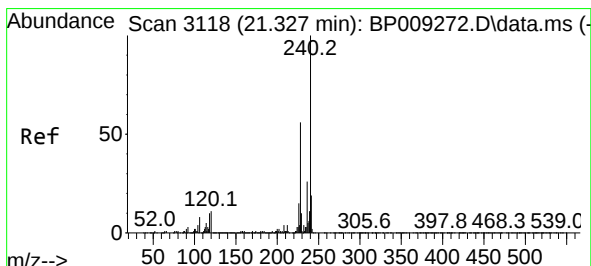
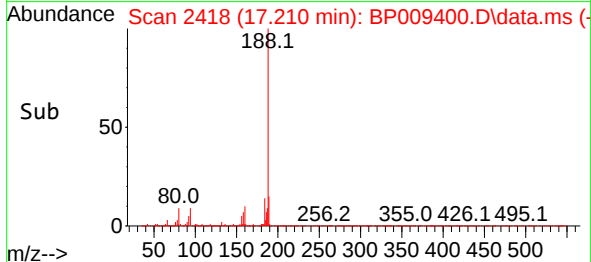
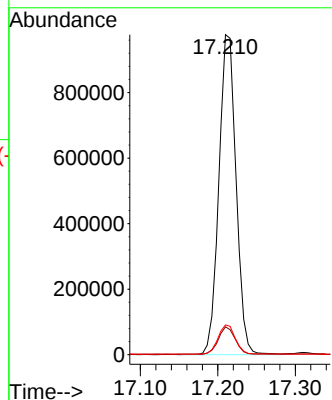
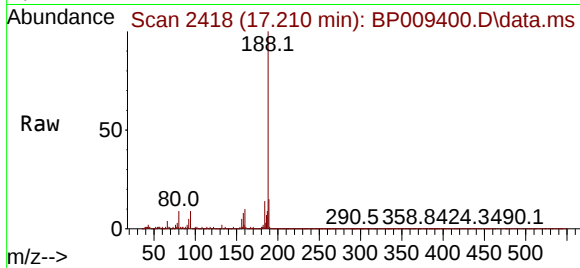




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BP009400.D
Acq: 15 Mar 2022 16:15

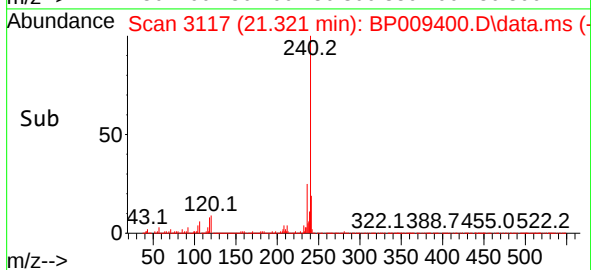
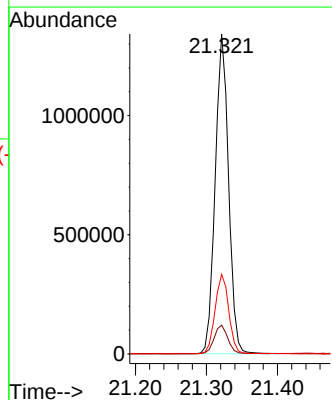
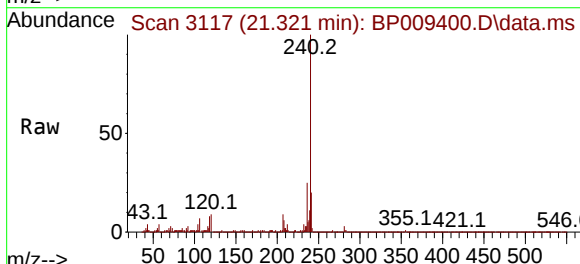
Instrument :
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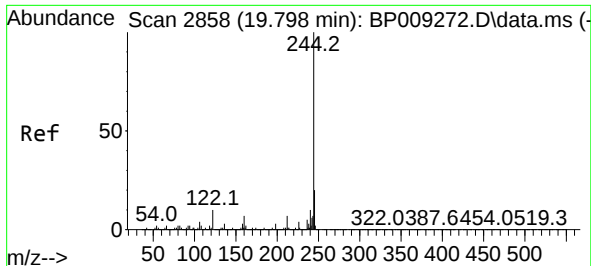
Tgt Ion:188 Resp: 1505052
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.3 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.321 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP009400.D
Acq: 15 Mar 2022 16:15

Tgt Ion:240 Resp: 1750396
Ion Ratio Lower Upper
240 100
120 9.0 9.0 13.4
236 24.9 20.6 30.8

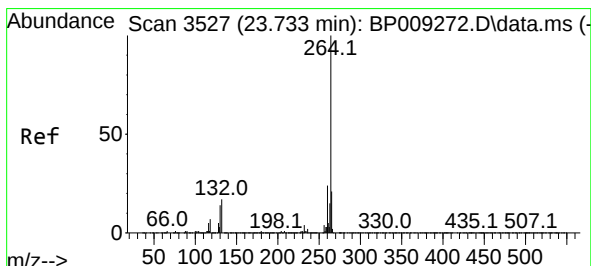
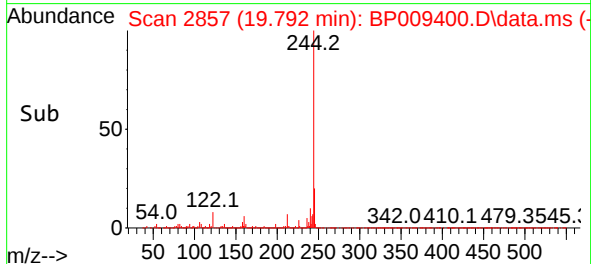
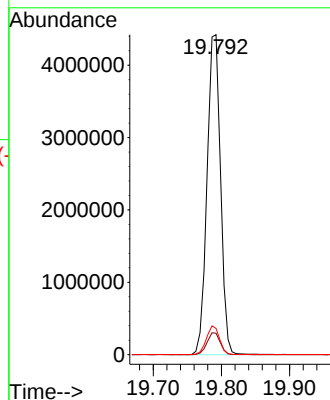
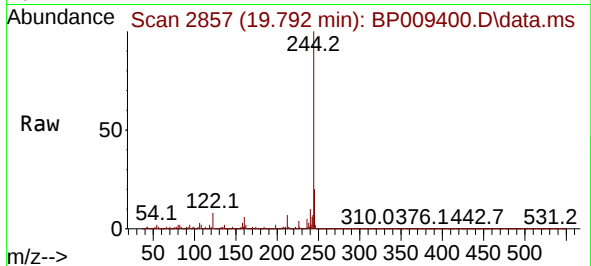




#79
 Terphenyl-d14
 Concen: 65.514 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009400.D
 Acq: 15 Mar 2022 16:15

Instrument :
 BNA_P
 ClientSampleId :
 BS-SOILP

Tgt Ion:244 Resp: 6076764
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 8.2 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: BP009400.D
 Acq: 15 Mar 2022 16:15

Tgt Ion:264 Resp: 1884769
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 21.5 17.2 25.8

