

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
 Data File : BP008864.D
 Acq On : 19 Jan 2022 20:55
 Operator : CG/JU
 Sample : N1172-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EME-TS-4

Quant Time: Jan 20 05:31:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 14 18:05:00 2022
 Response via : Initial Calibration

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

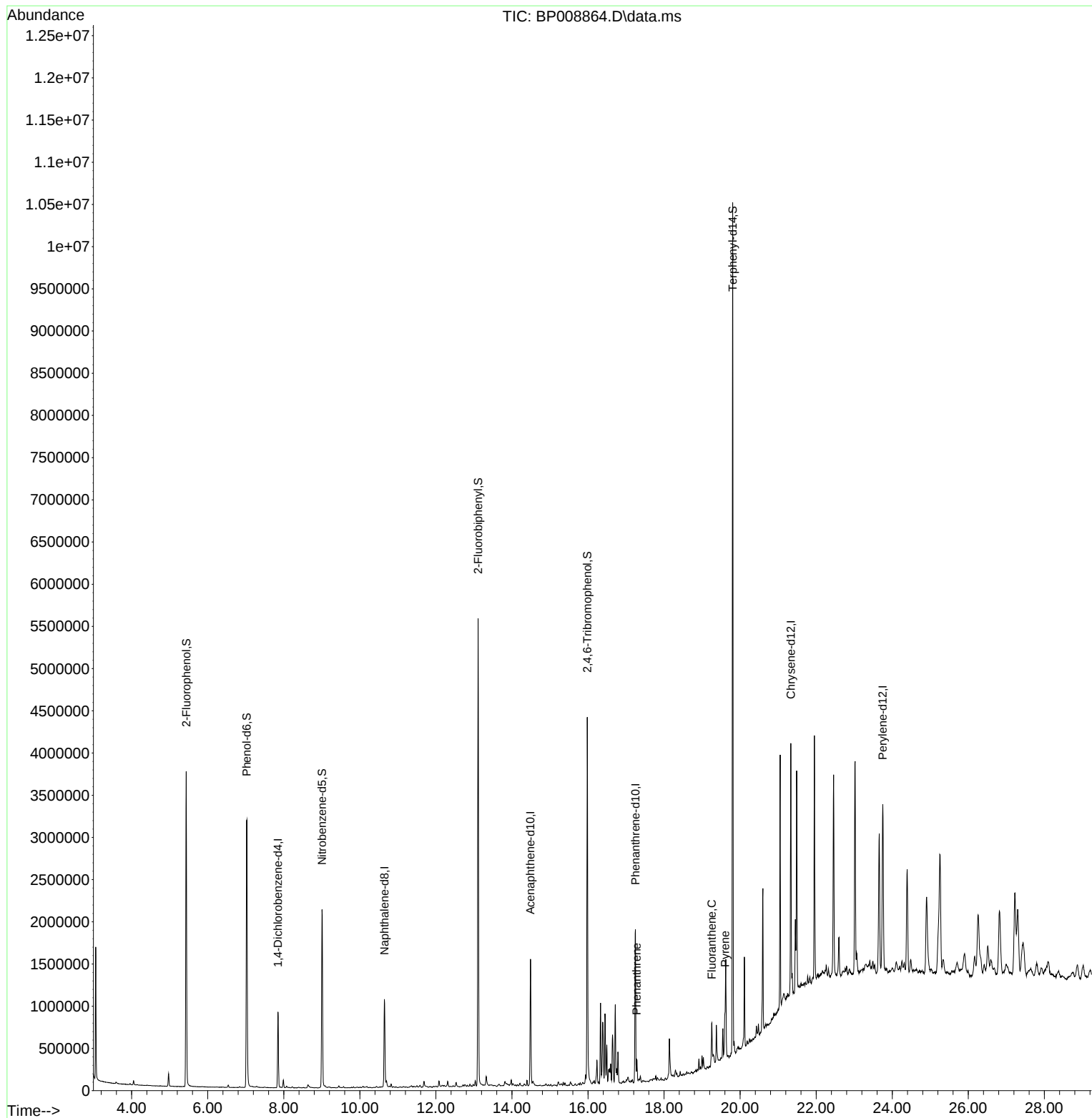
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	263271	20.000	ng	-0.01
21) Naphthalene-d8	10.646	136	944442	20.000	ng	-0.01
39) Acenaphthene-d10	14.487	164	576490	20.000	ng	-0.01
64) Phenanthrene-d10	17.245	188	1178573	20.000	ng	0.00
76) Chrysene-d12	21.333	240	1371579	20.000	ng	-0.01
86) Perylene-d12	23.751	264	1529335	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1751127	102.859	ng	0.00
7) Phenol-d6	7.022	99	2076217	100.710	ng	-0.01
23) Nitrobenzene-d5	9.005	82	1317152	79.178	ng	-0.01
42) 2,4,6-Tribromophenol	15.981	330	927682	110.551	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	3161521	72.321	ng	-0.01
79) Terphenyl-d14	19.804	244	4685480	57.662	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.281	178	171018	2.577	ng	98
75) Fluoranthene	19.251	202	210287	2.850	ng	99
78) Pyrene	19.604	202	227376	2.376	ng	99

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

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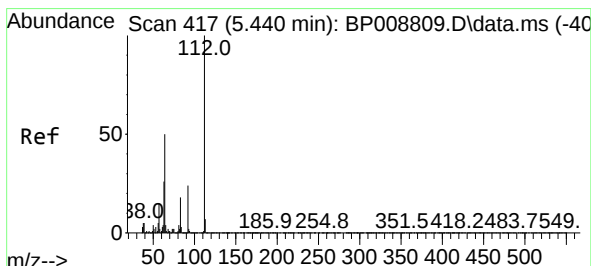
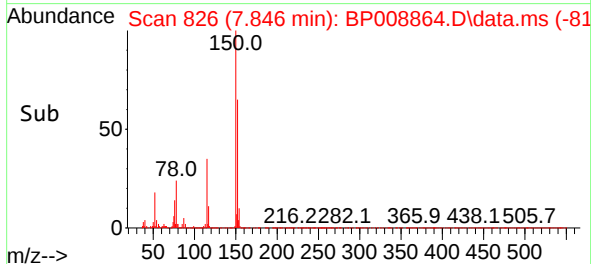
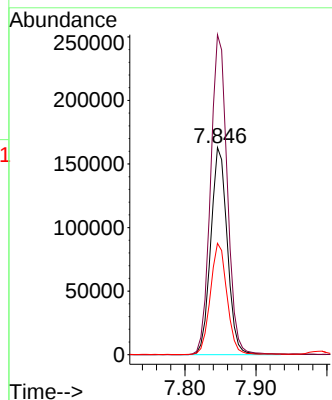
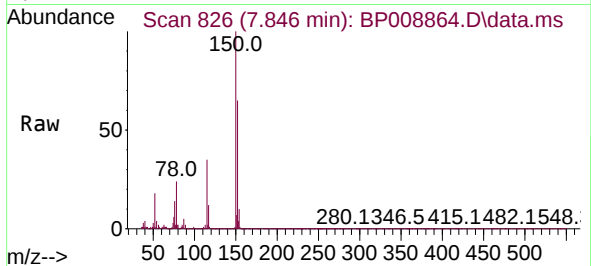




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008864.D
Acq: 19 Jan 2022 20:55

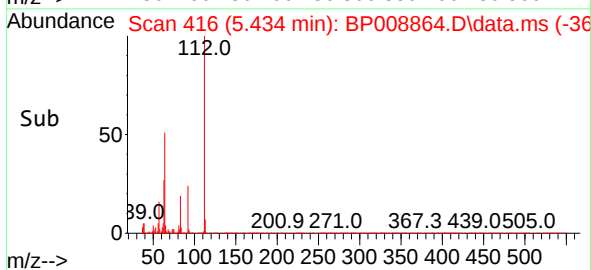
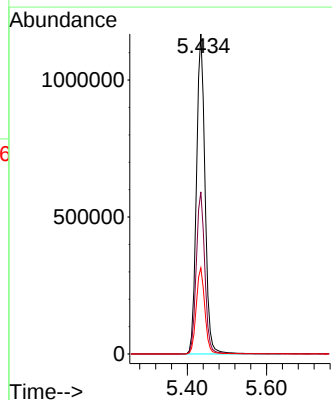
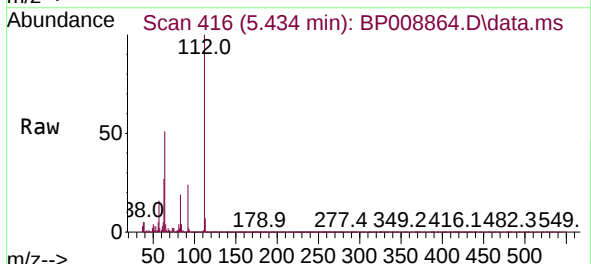
Instrument :
BNA_P
ClientSampleId :
EME-TS-4

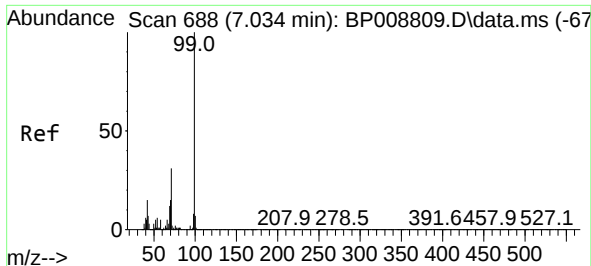
Tgt Ion:152 Resp: 263271
Ion Ratio Lower Upper
152 100
150 154.5 127.0 190.6
115 53.7 43.7 65.5



#5
2-Fluorophenol
Concen: 102.859 ng
RT: 5.434 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP008864.D
Acq: 19 Jan 2022 20:55

Tgt Ion:112 Resp: 1751127
Ion Ratio Lower Upper
112 100
64 50.7 39.7 59.5
63 26.9 20.0 30.0



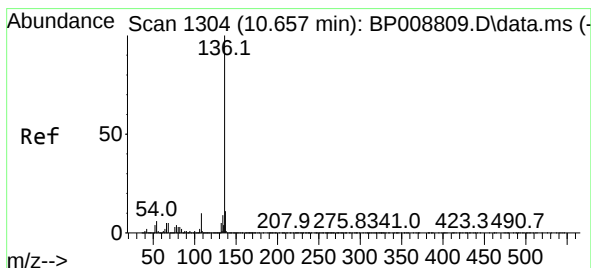
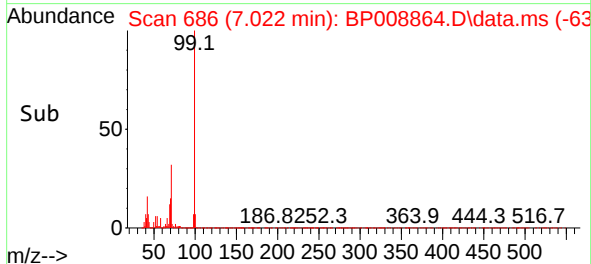
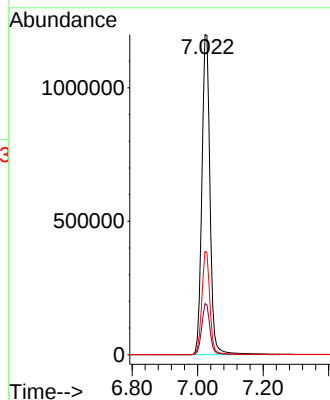
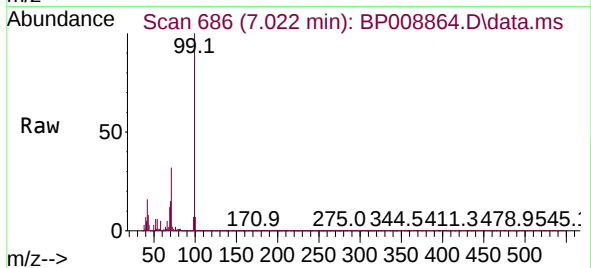


#7
Phenol-d6
Concen: 100.710 ng
RT: 7.022 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP008864.D
Acq: 19 Jan 2022 20:55

Instrument :
BNA_P
ClientSampleId :
EME-TS-4

Tgt Ion: 99 Resp: 2076217

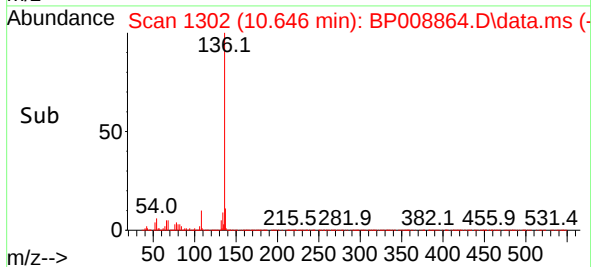
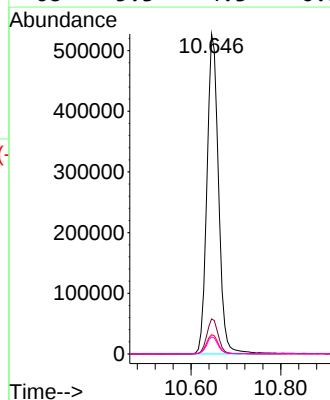
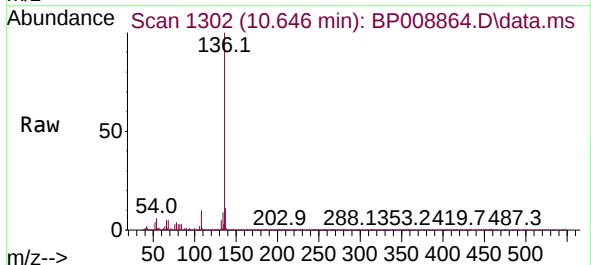
Ion	Ratio	Lower	Upper
99	100		
42	15.9	10.8	16.2
71	32.3	23.8	35.6

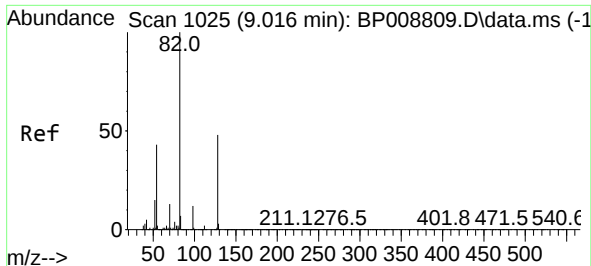


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1302
Delta R.T. -0.011 min
Lab File: BP008864.D
Acq: 19 Jan 2022 20:55

Tgt Ion:136 Resp: 944442

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.0	4.9	7.3
68	5.3	4.3	6.5

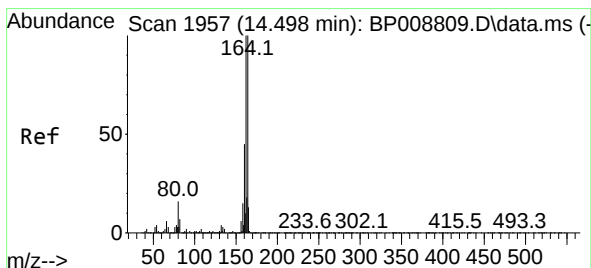
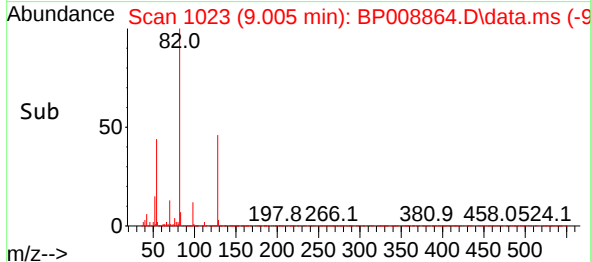
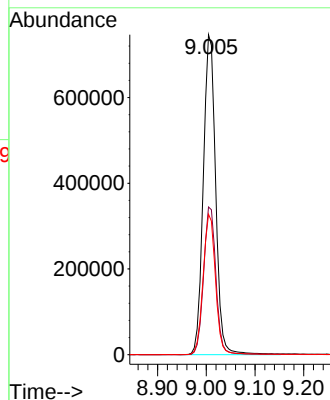
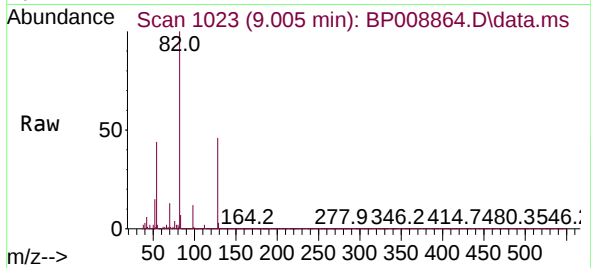




#23
Nitrobenzene-d5
Concen: 79.178 ng
RT: 9.005 min Scan# 1023
Delta R.T. -0.011 min
Lab File: BP008864.D
Acq: 19 Jan 2022 20:55

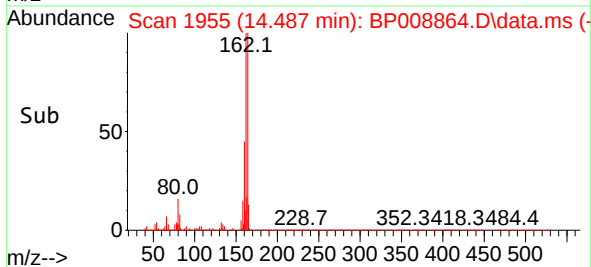
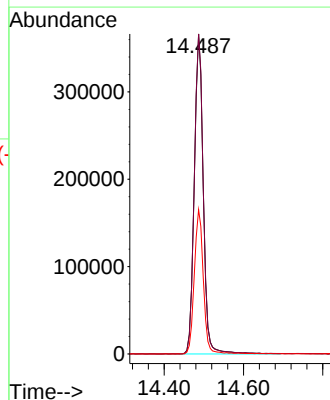
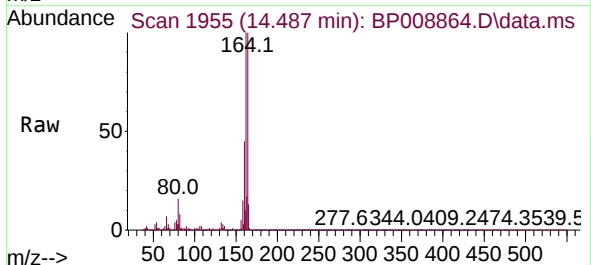
Instrument :
BNA_P
ClientSampleId :
EME-TS-4

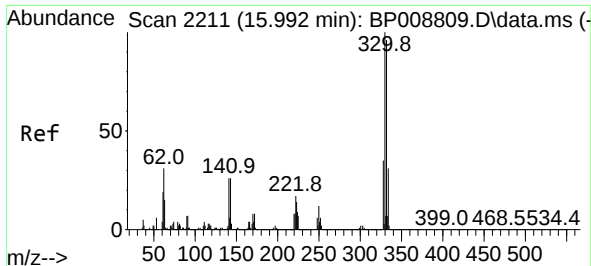
Tgt Ion: 82 Resp: 1317152
Ion Ratio Lower Upper
82 100
128 46.1 39.4 59.2
54 43.9 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1955
Delta R.T. -0.011 min
Lab File: BP008864.D
Acq: 19 Jan 2022 20:55

Tgt Ion:164 Resp: 576490
Ion Ratio Lower Upper
164 100
162 100.0 79.9 119.9
160 45.1 35.5 53.3

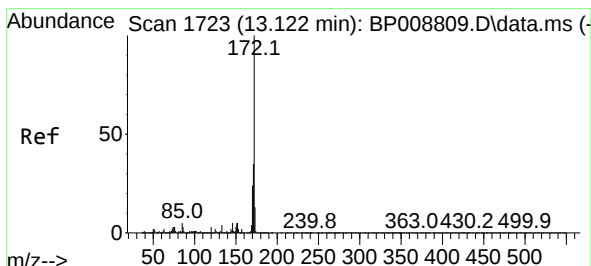
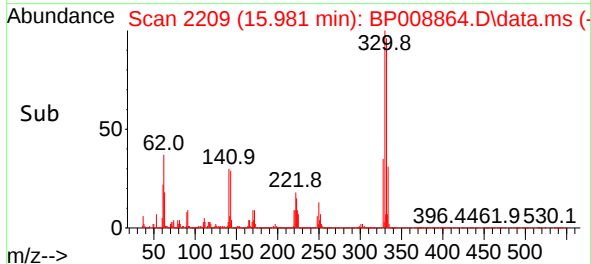
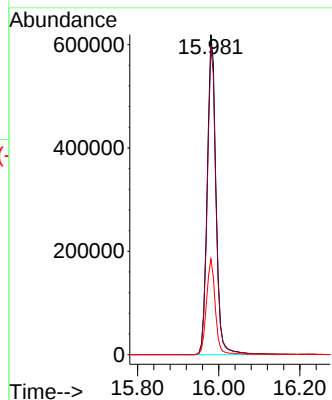
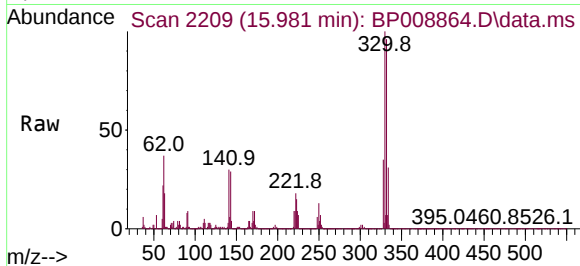




#42
2,4,6-Tribromophenol
Concen: 110.551 ng
RT: 15.981 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP008864.D
Acq: 19 Jan 2022 20:55

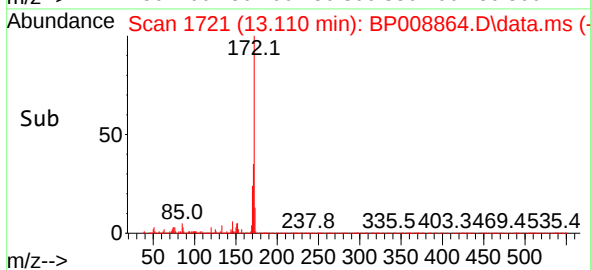
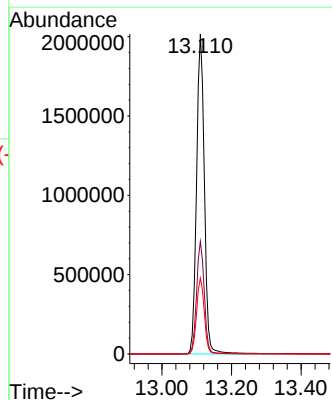
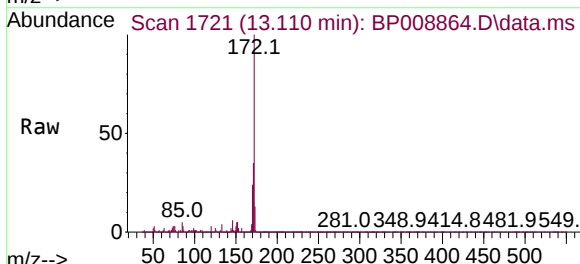
Instrument :
BNA_P
ClientSampleId :
EME-TS-4

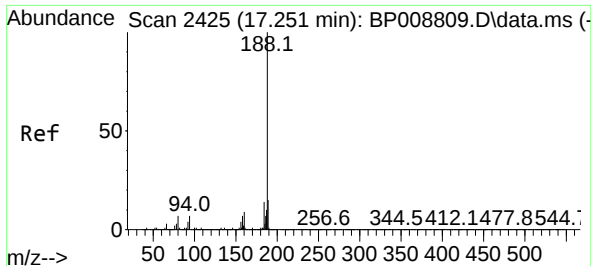
Tgt Ion:330 Resp: 927682
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 30.1 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 72.321 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.011 min
Lab File: BP008864.D
Acq: 19 Jan 2022 20:55

Tgt Ion:172 Resp: 3161521
Ion Ratio Lower Upper
172 100
171 35.2 29.3 43.9
170 23.7 19.5 29.3

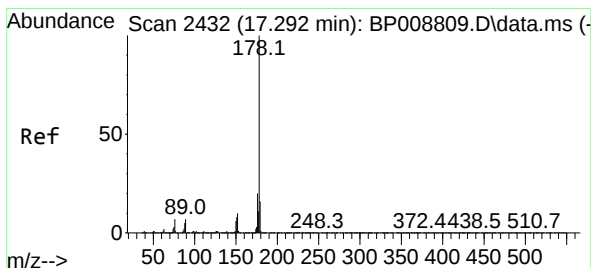
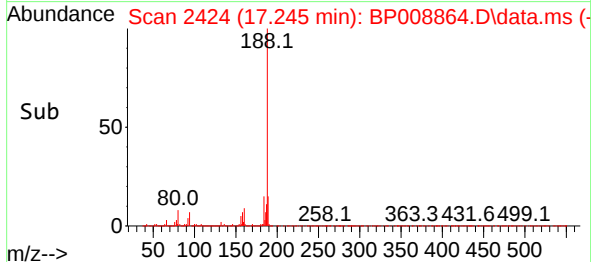
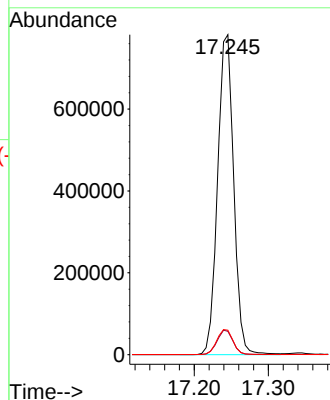
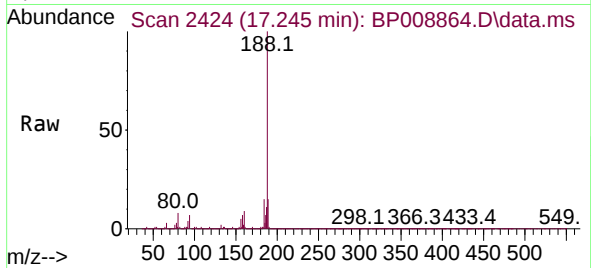




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP008864.D
Acq: 19 Jan 2022 20:55

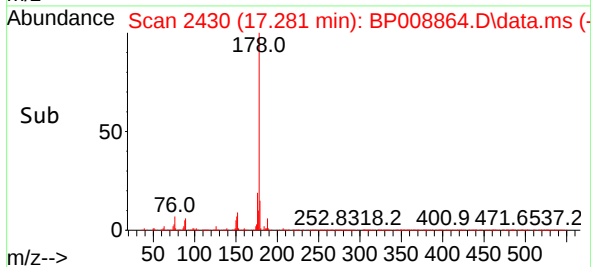
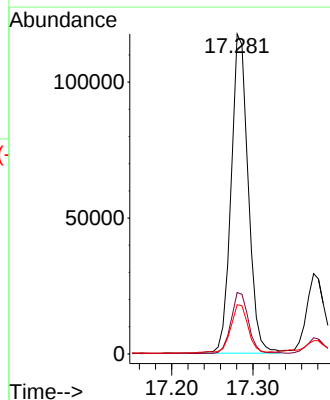
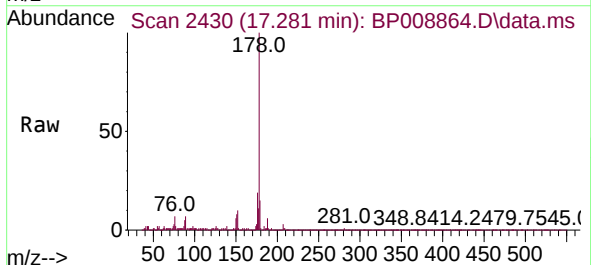
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BNA_P
ClientSampleId :
EME-TS-4

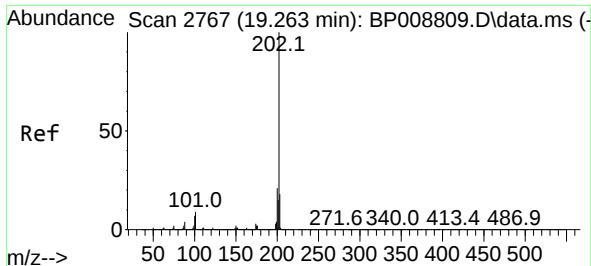
Tgt Ion:188 Resp: 1178573
Ion Ratio Lower Upper
188 100
94 7.3 6.8 10.2
80 7.6 7.2 10.8



#71
Phenanthrene
Concen: 2.577 ng
RT: 17.281 min Scan# 2430
Delta R.T. -0.011 min
Lab File: BP008864.D
Acq: 19 Jan 2022 20:55

Tgt Ion:178 Resp: 171018
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.4 13.0 19.4

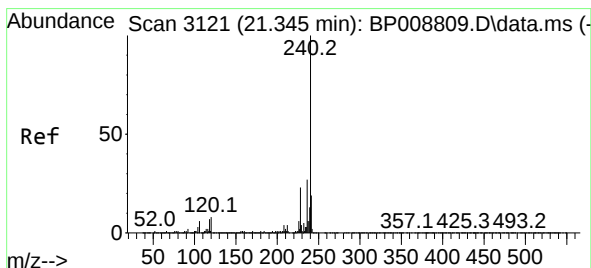
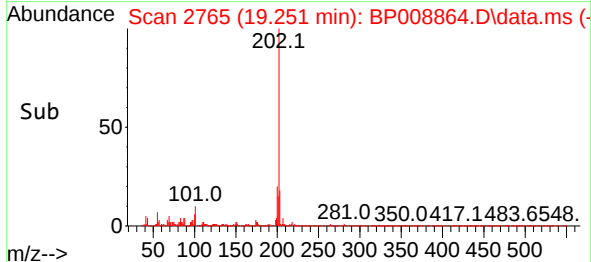
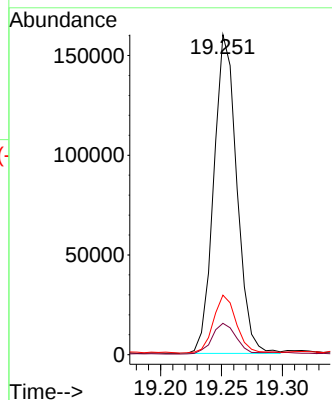
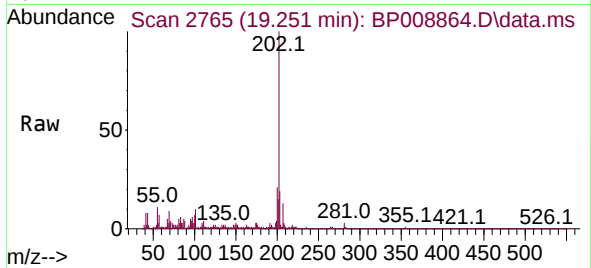




#75
Fluoranthene
Concen: 2.850 ng
RT: 19.251 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP008864.D
Acq: 19 Jan 2022 20:55

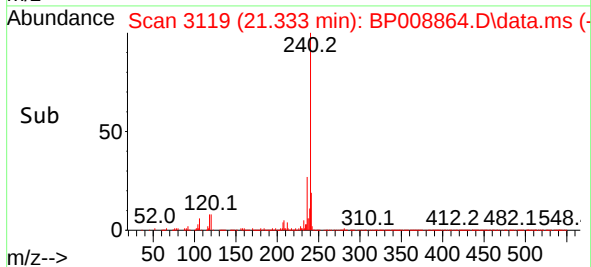
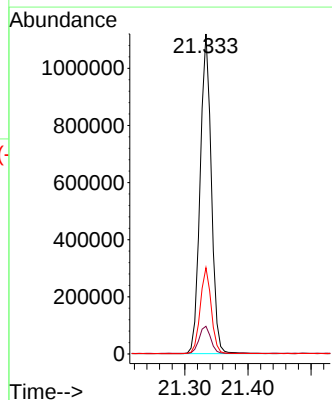
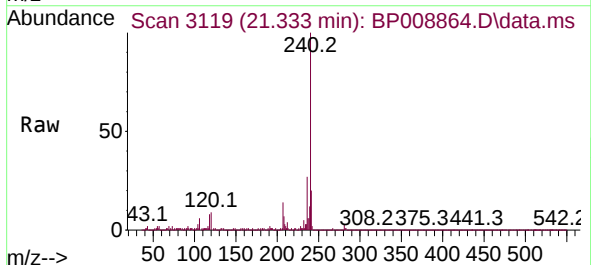
Instrument :
BNA_P
ClientSampleId :
EME-TS-4

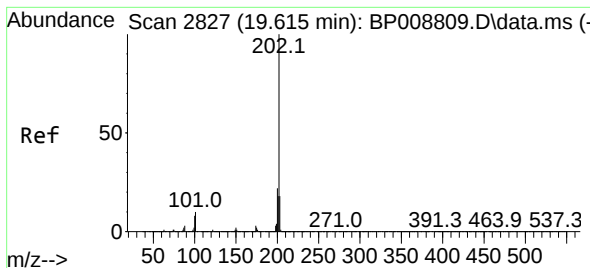
Tgt Ion:202 Resp: 210287
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.7
203 18.6 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.011 min
Lab File: BP008864.D
Acq: 19 Jan 2022 20:55

Tgt Ion:240 Resp: 1371579
Ion Ratio Lower Upper
240 100
120 8.6 7.7 11.5
236 26.9 21.2 31.8





#78

Pyrene

Concen: 2.376 ng

RT: 19.604 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP008864.D

Acq: 19 Jan 2022 20:55

Instrument :

BNA_P

ClientSampleId :

EME-TS-4

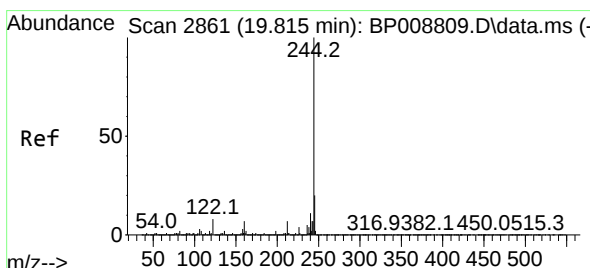
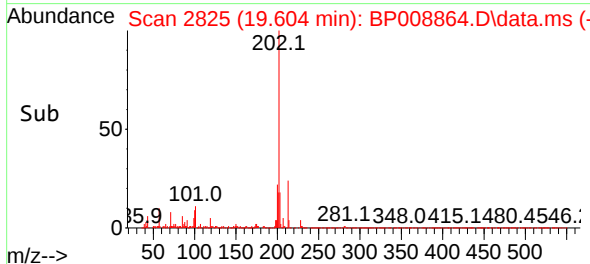
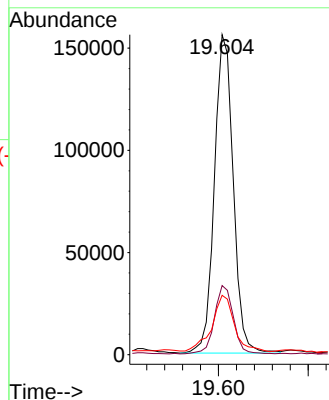
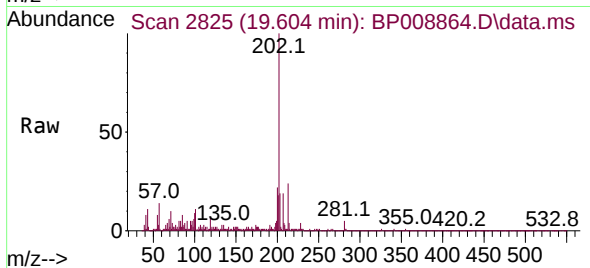
Tgt Ion:202 Resp: 227376

Ion Ratio Lower Upper

202 100

200 21.6 18.0 27.0

203 18.6 15.0 22.6



#79

Terphenyl-d14

Concen: 57.662 ng

RT: 19.804 min Scan# 2859

Delta R.T. -0.011 min

Lab File: BP008864.D

Acq: 19 Jan 2022 20:55

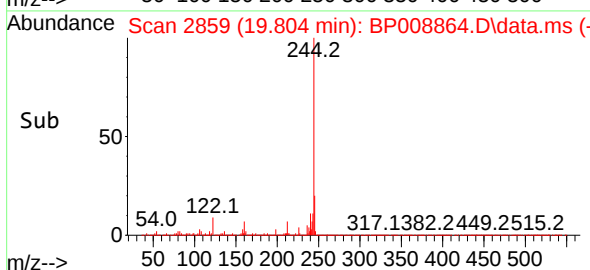
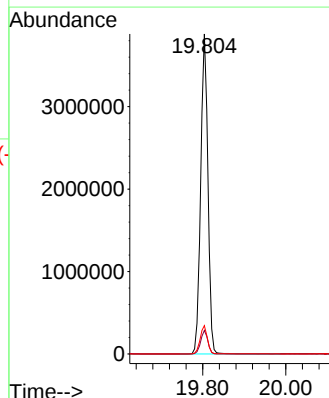
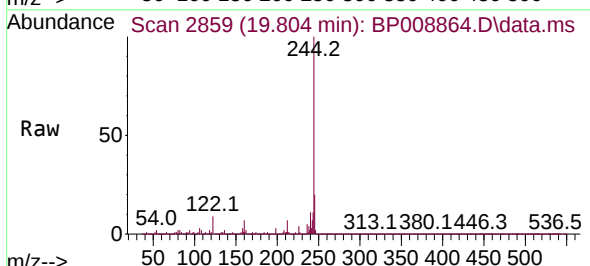
Tgt Ion:244 Resp: 4685480

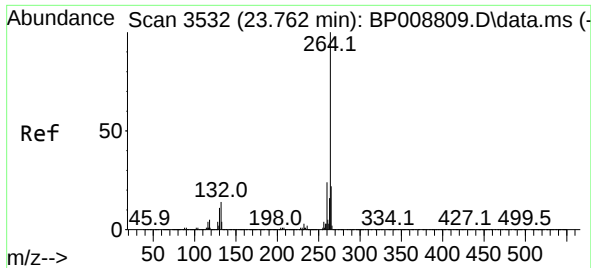
Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

122 8.9 9.2 13.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 31
Delta R.T. -0.011 min
Lab File: BP008864.D
Acq: 19 Jan 2022 20:55

Instrument :
BNA_P
ClientSampleId :
EME-TS-4

Tgt Ion:264 Resp: 1529335

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.1	28.7
265	22.5	17.1	25.7

