

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
 Data File : BP008863.D
 Acq On : 19 Jan 2022 20:22
 Operator : CG/JU
 Sample : N1172-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EME-TS-3

Quant Time: Jan 20 05:31:34 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	309925	20.000	ng	-0.01
21) Naphthalene-d8	10.646	136	1085914	20.000	ng	-0.01
39) Acenaphthene-d10	14.487	164	580306	20.000	ng	-0.01
64) Phenanthrene-d10	17.239	188	1018658	20.000	ng	-0.01
76) Chrysene-d12	21.333	240	1217602	20.000	ng	-0.01
86) Perylene-d12	23.751	264	1431780	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2125486	106.054	ng	0.00
7) Phenol-d6	7.028	99	2556201	105.328	ng	0.00
23) Nitrobenzene-d5	9.005	82	1572608	82.219	ng	-0.01
42) 2,4,6-Tribromophenol	15.981	330	826372	97.831	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	3440231	78.179	ng	-0.01
79) Terphenyl-d14	19.804	244	4015376	55.664	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.052	94	53853	2.177	ng	80
20) 3+4-Methylphenols	8.634	107	49015	2.227	ng	93
71) Phenanthrene	17.281	178	337616	5.887	ng	99
75) Fluoranthene	19.251	202	437131	6.854	ng	99
78) Pyrene	19.604	202	431593	5.080	ng	99
81) Benzo(a)anthracene	21.322	228	220636	2.693	ng	98
83) Chrysene	21.369	228	209502	2.638	ng	97
88) Benzo(b)fluoranthene	23.016	252	396374	4.145	ng #	81
89) Benzo(k)fluoranthene	23.016	252	396374	4.282	ng #	82
90) Benzo(a)pyrene	23.645	252	216695	2.348	ng #	87

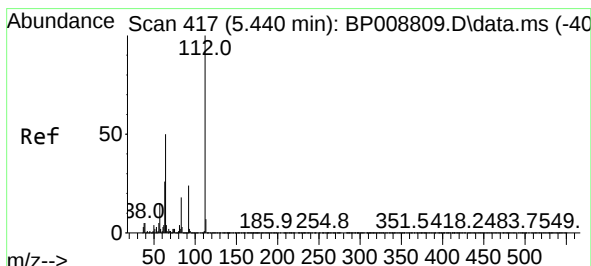
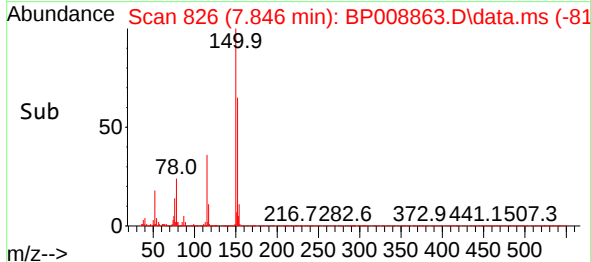
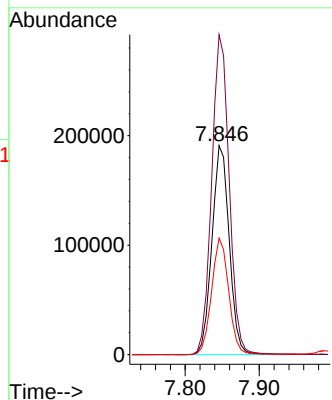
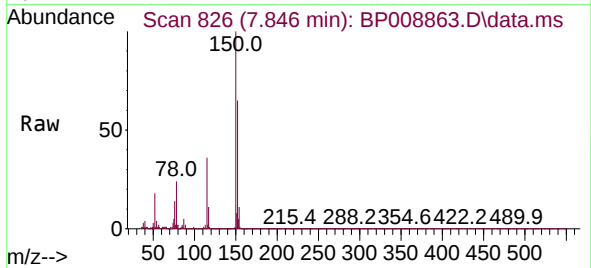
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

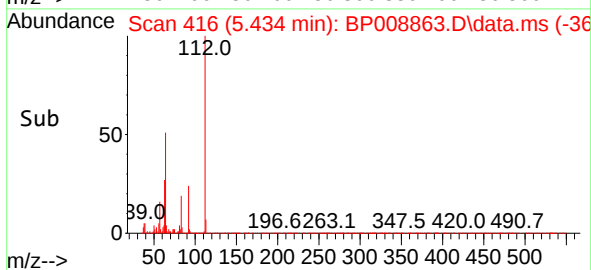
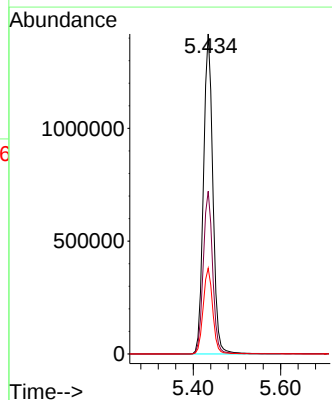
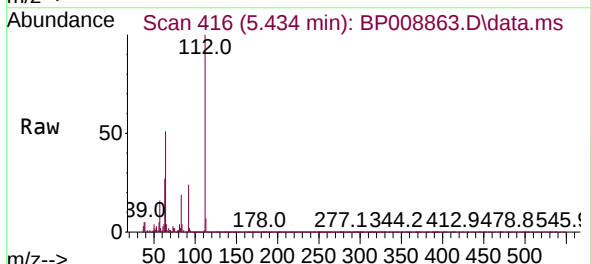
Instrument :
BNA_P
ClientSampleId :
EME-TS-3

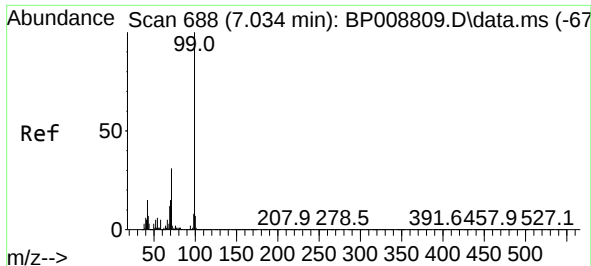
Tgt Ion:152 Resp: 309925
Ion Ratio Lower Upper
152 100
150 153.0 127.0 190.6
115 55.7 43.7 65.5



#5
2-Fluorophenol
Concen: 106.054 ng
RT: 5.434 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

Tgt Ion:112 Resp: 2125486
Ion Ratio Lower Upper
112 100
64 50.8 39.7 59.5
63 26.8 20.0 30.0



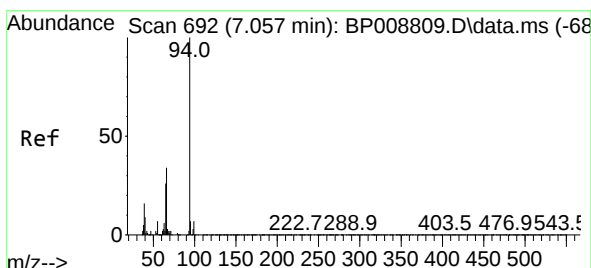
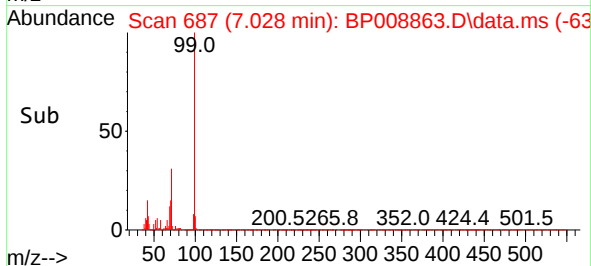
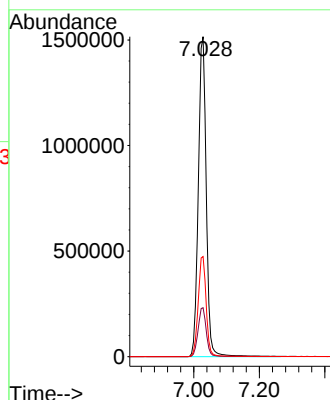
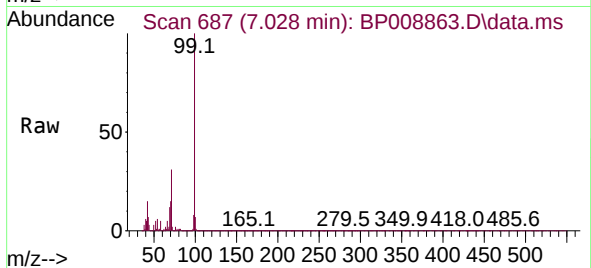


#7
Phenol-d6
Concen: 105.328 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

Instrument :
BNA_P
ClientSampleId :
EME-TS-3

Tgt Ion: 99 Resp: 2556201

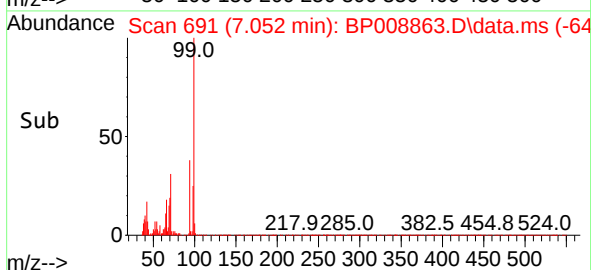
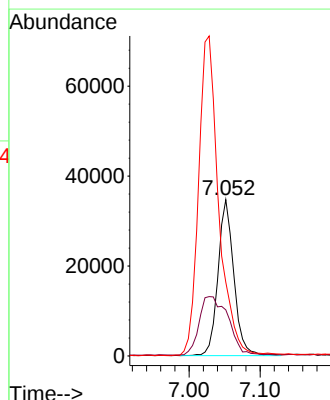
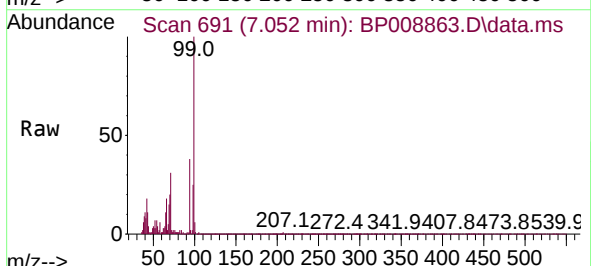
Ion	Ratio	Lower	Upper
99	100		
42	15.3	10.8	16.2
71	31.3	23.8	35.6

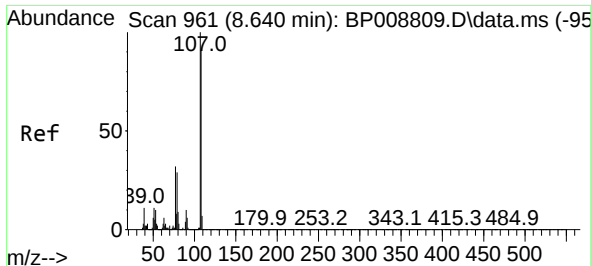


#10
Phenol
Concen: 2.177 ng
RT: 7.052 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

Tgt Ion: 94 Resp: 53853

Ion	Ratio	Lower	Upper
94	100		
65	29.5	4.1	44.1
66	47.2	12.4	52.4

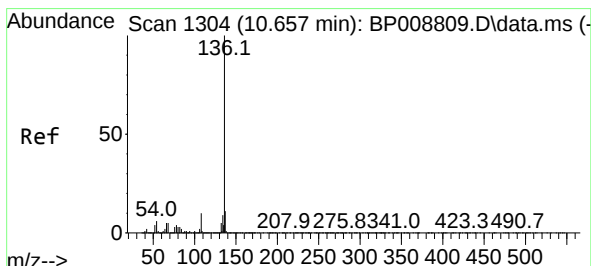
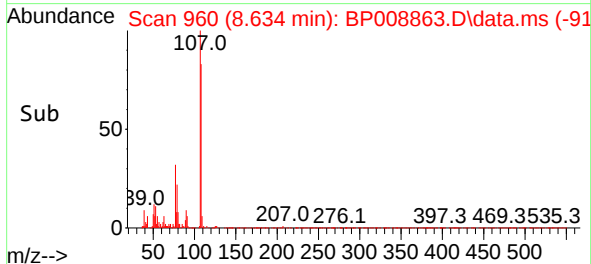
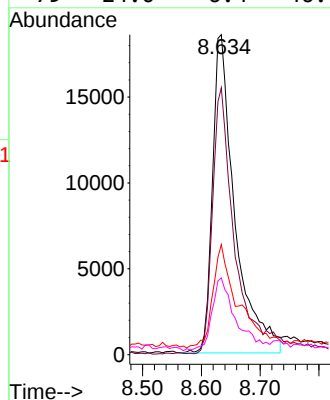
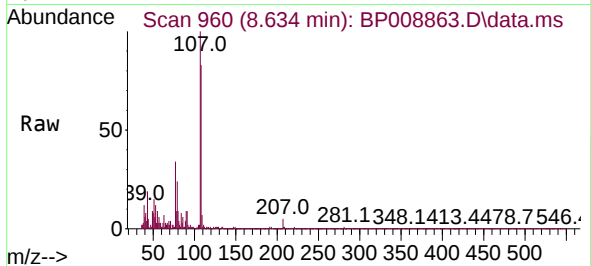




#20
3+4-Methylphenols
Concen: 2.227 ng
RT: 8.634 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

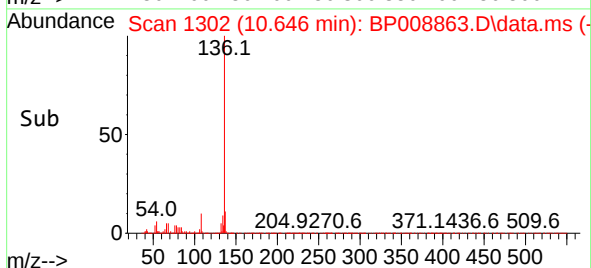
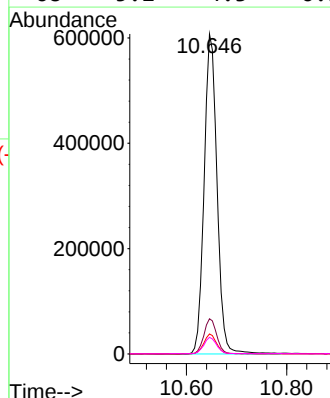
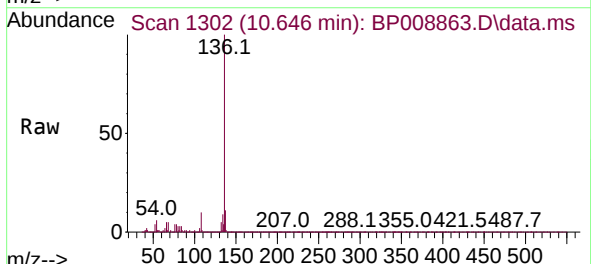
Instrument :
BNA_P
ClientSampleId :
EME-TS-3

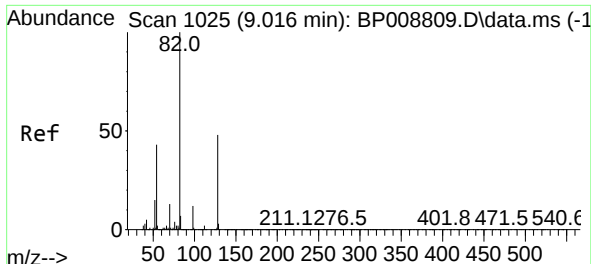
Tgt Ion:107	Resp:	49015
Ion	Ratio	Lower Upper
107	100	
108	83.4	69.8 109.8
77	34.4	10.4 50.4
79	24.0	6.4 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1302
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

Tgt Ion:136	Resp:	1085914
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.0 13.4
54	6.3	4.9 7.3
68	5.2	4.3 6.5

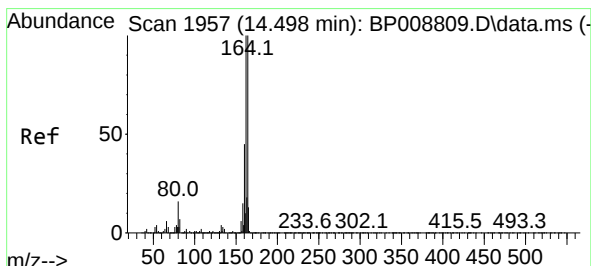
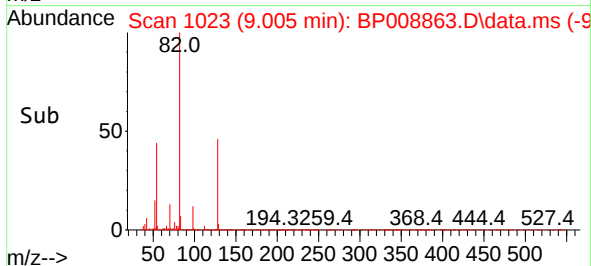
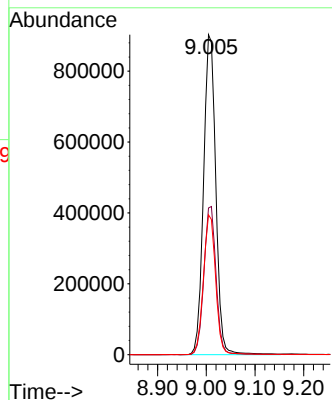
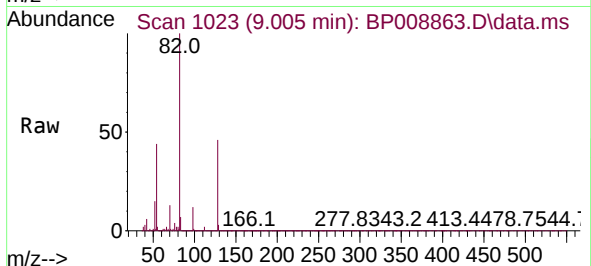




#23
Nitrobenzene-d5
Concen: 82.219 ng
RT: 9.005 min Scan# 10
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

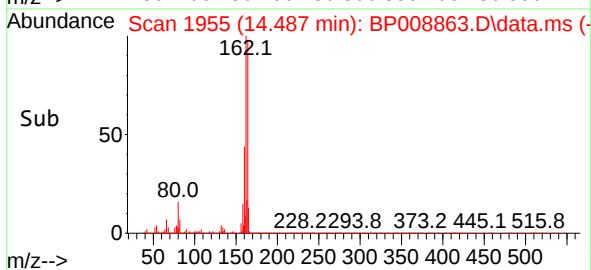
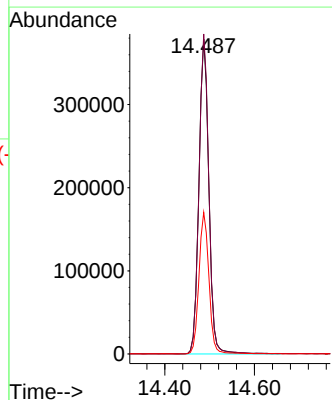
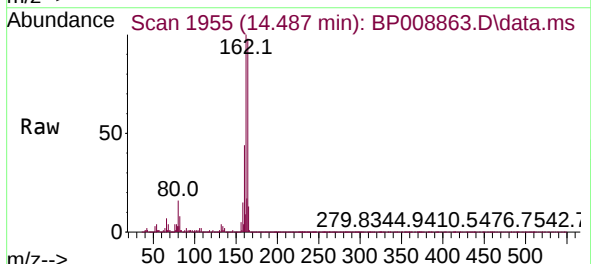
Instrument :
BNA_P
ClientSampleId :
EME-TS-3

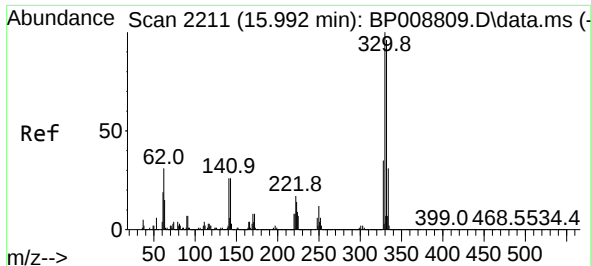
Tgt Ion: 82 Resp: 1572608
Ion Ratio Lower Upper
82 100
128 45.9 39.4 59.2
54 43.7 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1955
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

Tgt Ion:164 Resp: 580306
Ion Ratio Lower Upper
164 100
162 101.6 79.9 119.9
160 45.0 35.5 53.3

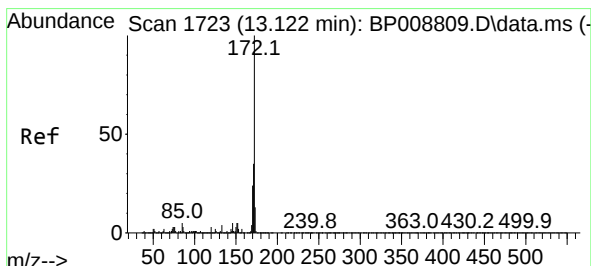
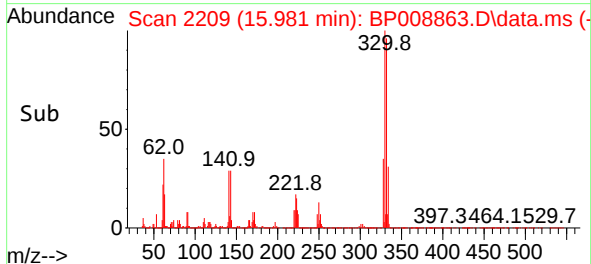
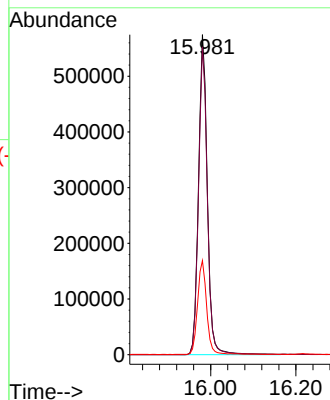
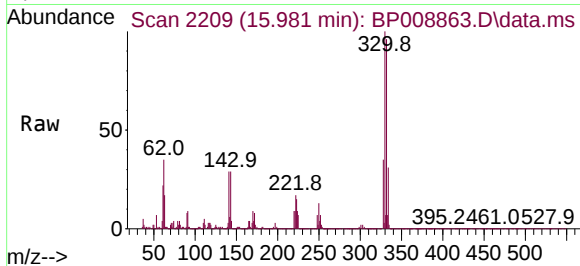




#42
2,4,6-Tribromophenol
Concen: 97.831 ng
RT: 15.981 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

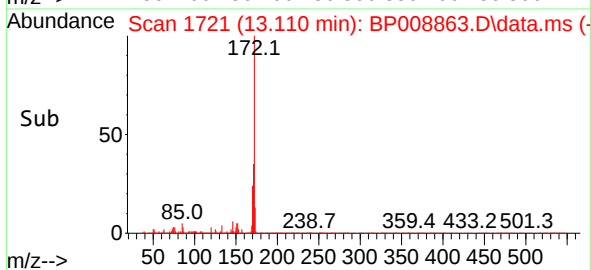
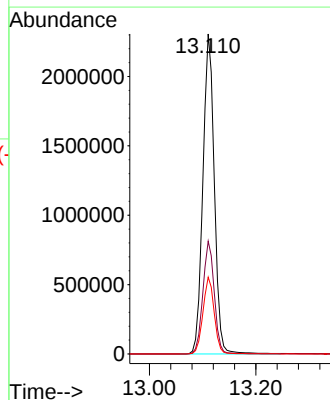
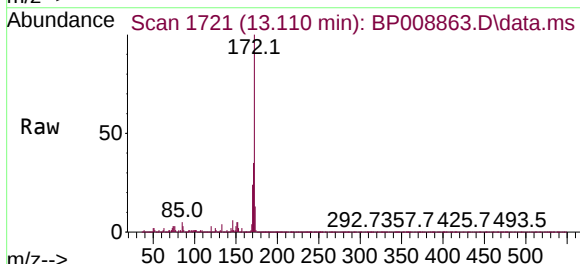
Instrument :
BNA_P
ClientSampleId :
EME-TS-3

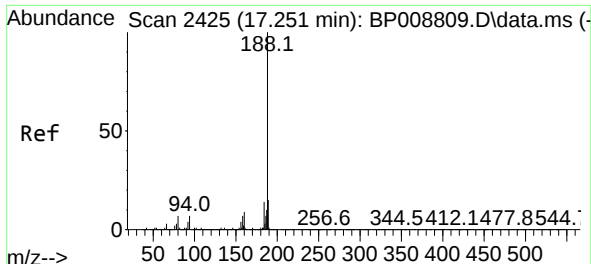
Tgt Ion:330 Resp: 826372
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 30.0 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 78.179 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

Tgt Ion:172 Resp: 3440231
Ion Ratio Lower Upper
172 100
171 35.3 29.3 43.9
170 24.0 19.5 29.3

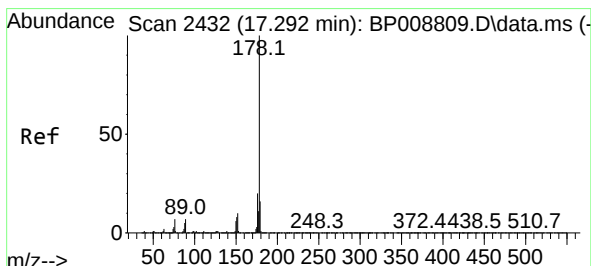
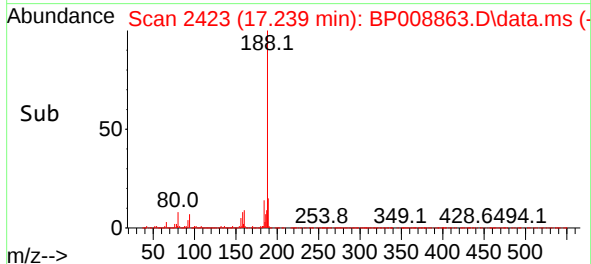
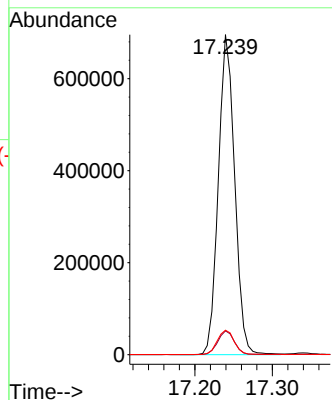
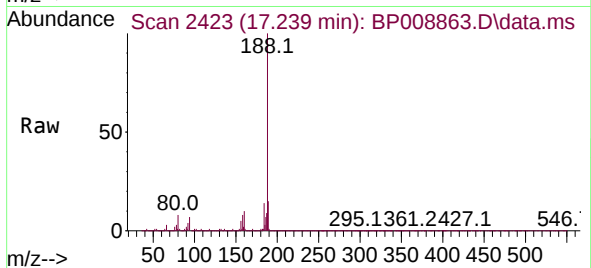




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

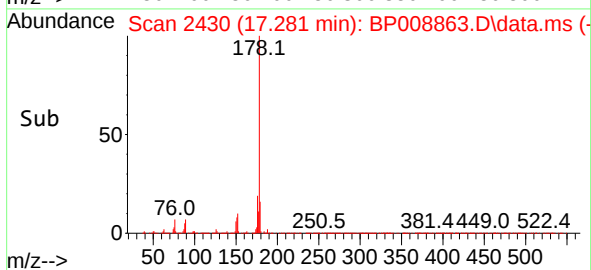
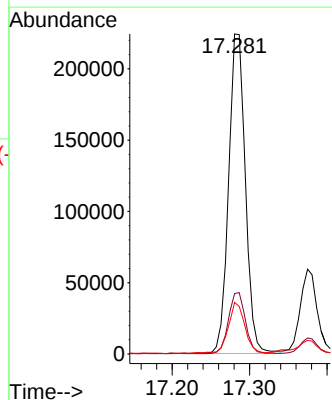
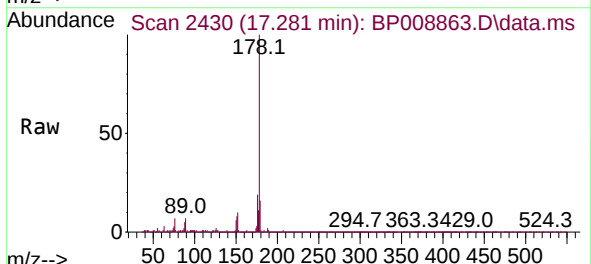
Instrument :
BNA_P
ClientSampleId :
EME-TS-3

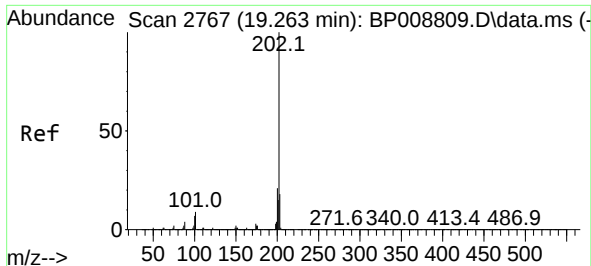
Tgt Ion:188 Resp: 1018658
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 7.6 7.2 10.8



#71
Phenanthrene
Concen: 5.887 ng
RT: 17.281 min Scan# 2430
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

Tgt Ion:178 Resp: 337616
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 16.1 13.0 19.4

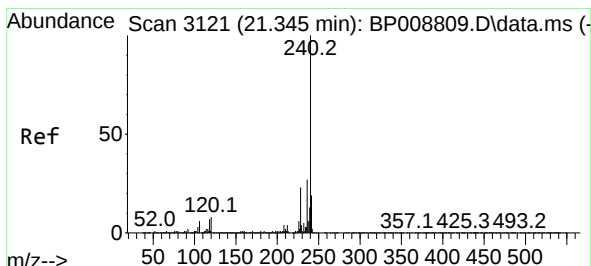
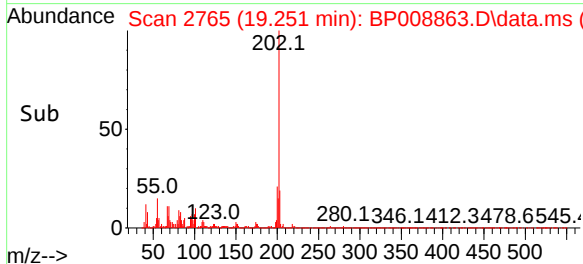
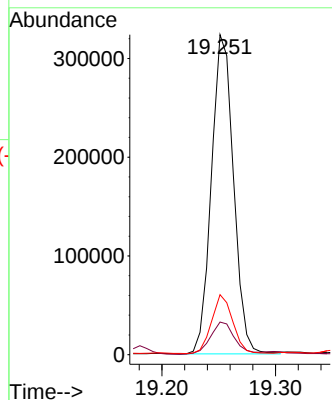
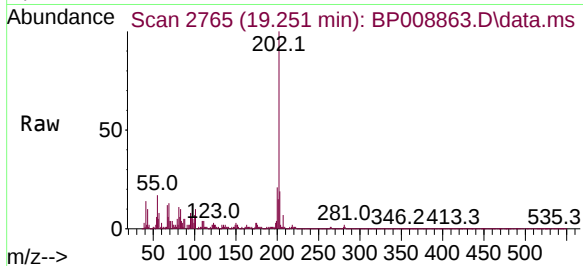




#75
Fluoranthene
Concen: 6.854 ng
RT: 19.251 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

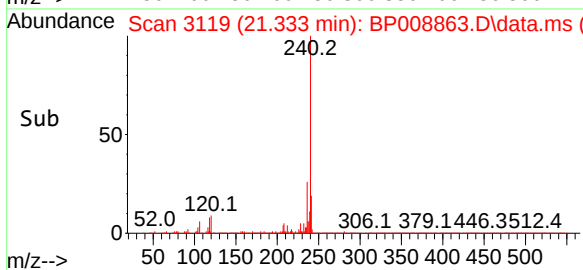
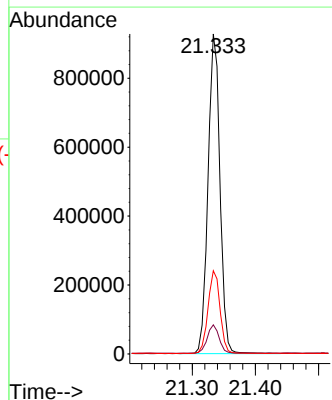
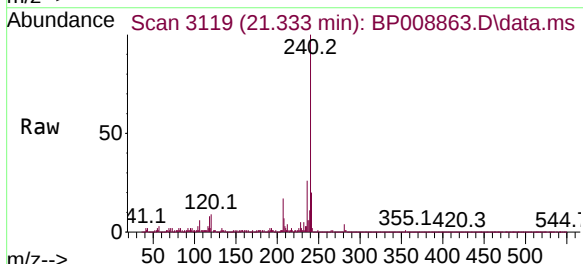
Instrument :
BNA_P
ClientSampleId :
EME-TS-3

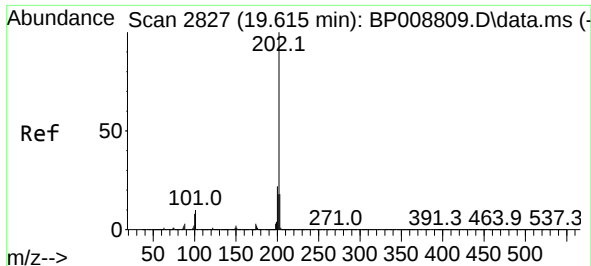
Tgt Ion:	202	Resp:	437131
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.7
203	18.8	0.0	38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

Tgt Ion:	240	Resp:	1217602
Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.7	11.5
236	26.0	21.2	31.8

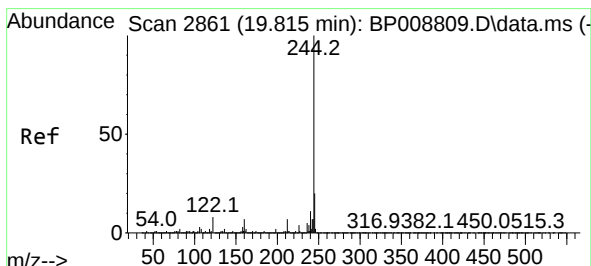
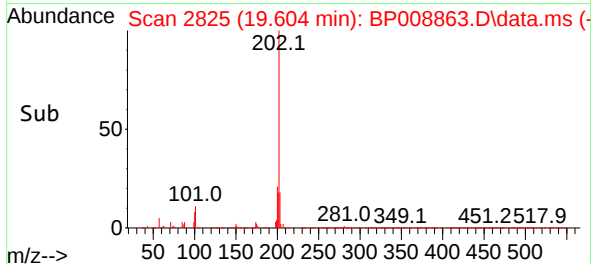
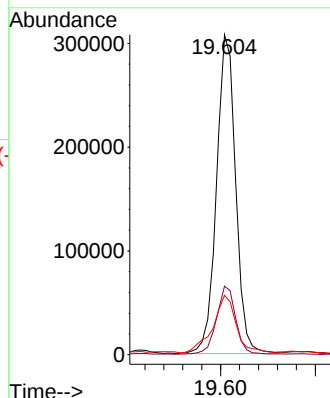
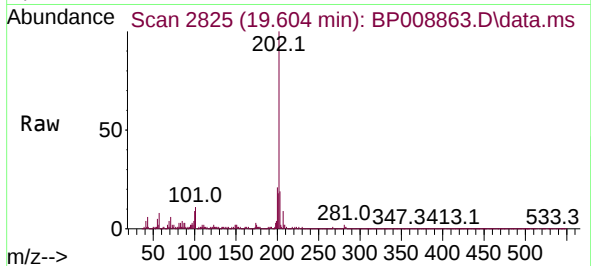




#78
Pyrene
Concen: 5.080 ng
RT: 19.604 min Scan# 2825
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

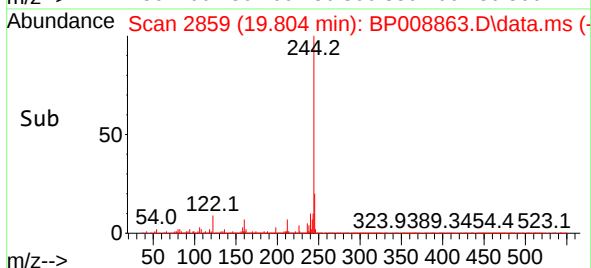
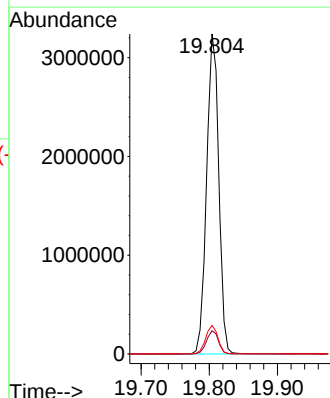
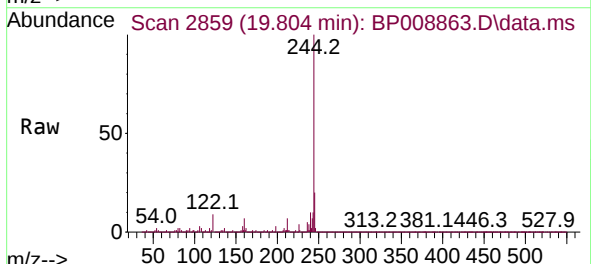
Instrument :
BNA_P
ClientSampleId :
EME-TS-3

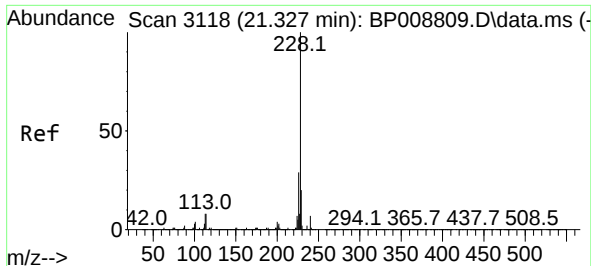
Tgt Ion:202 Resp: 431593
Ion Ratio Lower Upper
202 100
200 21.4 18.0 27.0
203 18.5 15.0 22.6



#79
Terphenyl-d14
Concen: 55.664 ng
RT: 19.804 min Scan# 2859
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

Tgt Ion:244 Resp: 4015376
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 8.9 9.2 13.8#

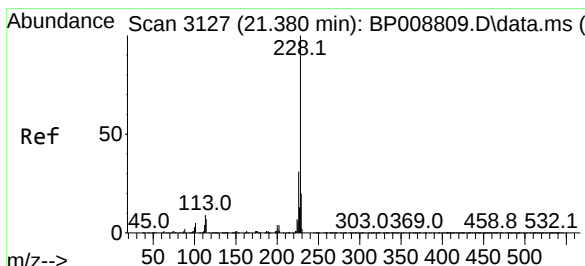
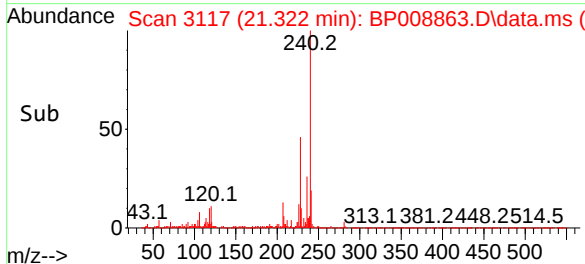
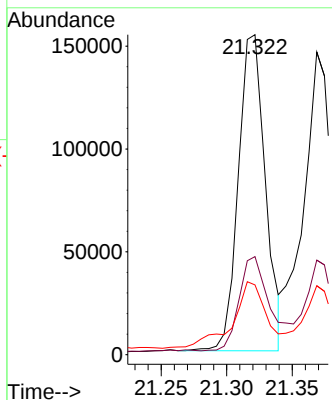
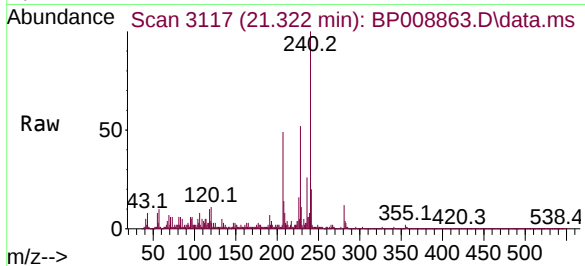




#81
Benzo(a)anthracene
Concen: 2.693 ng
RT: 21.322 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

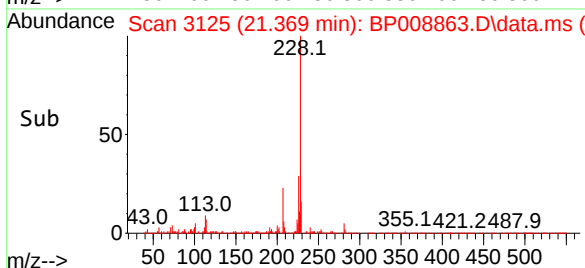
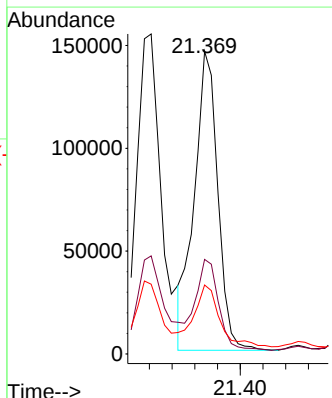
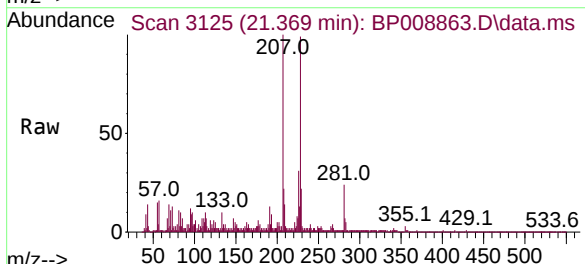
Instrument :
BNA_P
ClientSampleId :
EME-TS-3

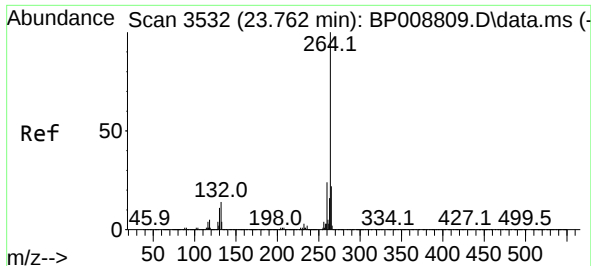
Tgt Ion:228 Resp: 220636
Ion Ratio Lower Upper
228 100
226 30.6 23.3 34.9
229 21.8 17.0 25.6



#83
Chrysene
Concen: 2.638 ng
RT: 21.369 min Scan# 3125
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

Tgt Ion:228 Resp: 209502
Ion Ratio Lower Upper
228 100
226 31.3 26.0 39.0
229 22.8 16.9 25.3

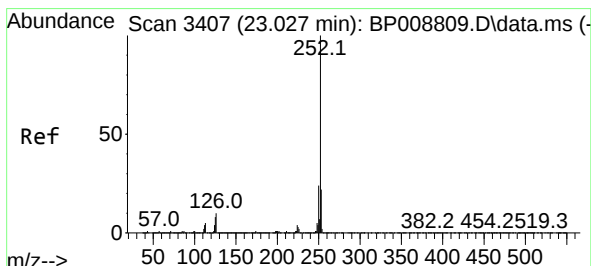
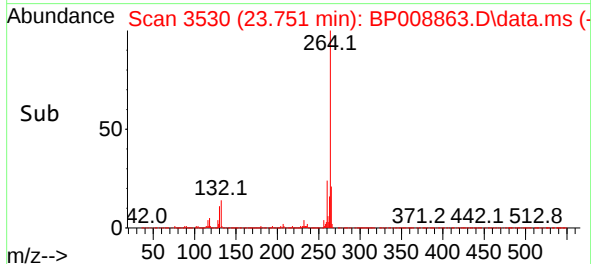
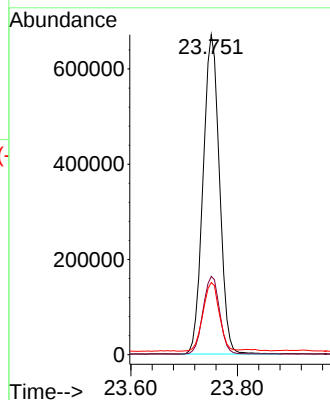
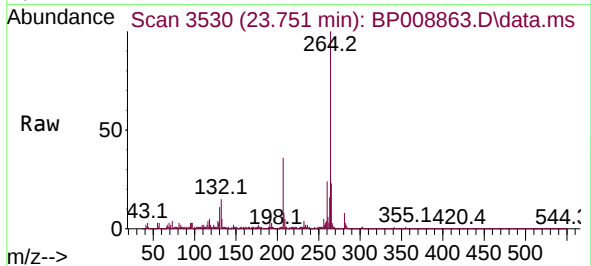




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.751 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BP008863.D
 Acq: 19 Jan 2022 20:22

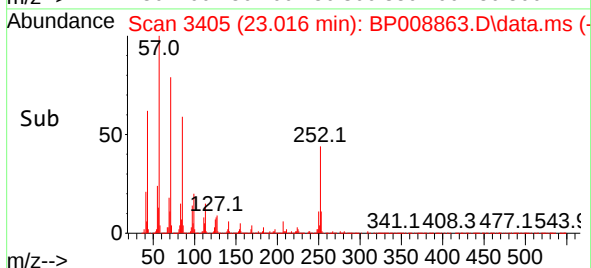
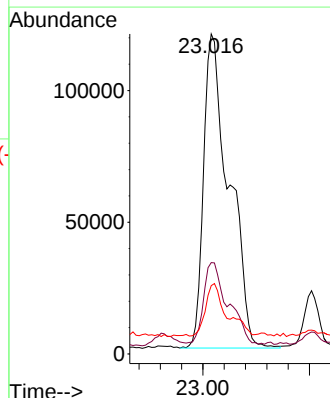
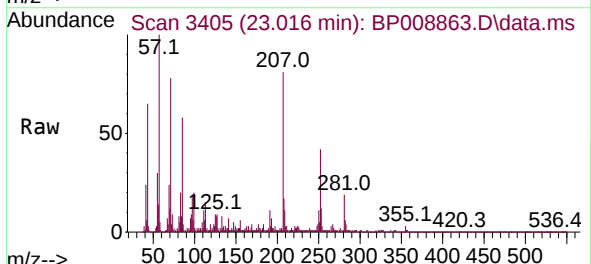
Instrument :
 BNA_P
 ClientSampleId :
 EME-TS-3

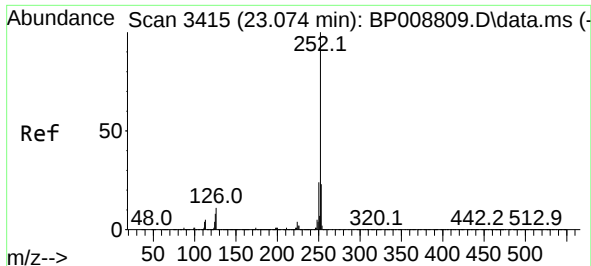
Tgt Ion:264 Resp: 1431780
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.1 28.7
 265 22.6 17.1 25.7



#88
 Benzo(b)fluoranthene
 Concen: 4.145 ng
 RT: 23.016 min Scan# 3405
 Delta R.T. -0.011 min
 Lab File: BP008863.D
 Acq: 19 Jan 2022 20:22

Tgt Ion:252 Resp: 396374
 Ion Ratio Lower Upper
 252 100
 253 28.6 18.0 27.0#
 125 21.3 6.9 10.3#

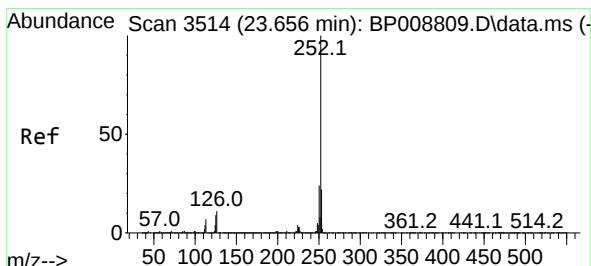
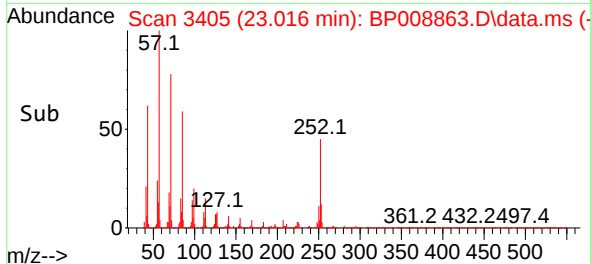
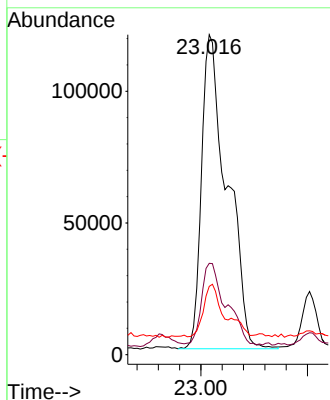
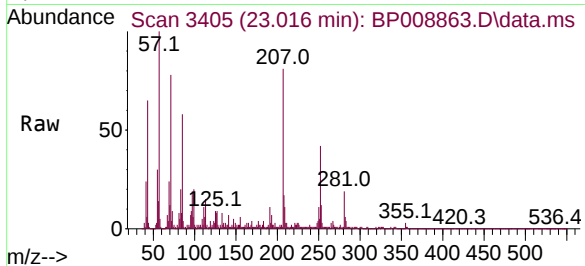




#89
Benzo(k)fluoranthene
Concen: 4.282 ng
RT: 23.016 min Scan# 3415
Delta R.T. -0.059 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

Instrument :
BNA_P
ClientSampleId :
EME-TS-3

Tgt Ion:252 Resp: 396374
Ion Ratio Lower Upper
252 100
253 28.6 18.2 27.2#
125 21.3 7.3 10.9#



#90
Benzo(a)pyrene
Concen: 2.348 ng
RT: 23.645 min Scan# 3512
Delta R.T. -0.011 min
Lab File: BP008863.D
Acq: 19 Jan 2022 20:22

Tgt Ion:252 Resp: 216695
Ion Ratio Lower Upper
252 100
253 25.9 17.8 26.8
125 19.0 7.8 11.6#

