

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
 Data File : BP003327.D
 Acq On : 18 Sep 2020 18:15
 Operator : CG/JU
 Sample : L4062-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EROC-CF-1

Quant Time: Sep 19 06:18:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 14:13:41 2020
 Response via : Initial Calibration

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

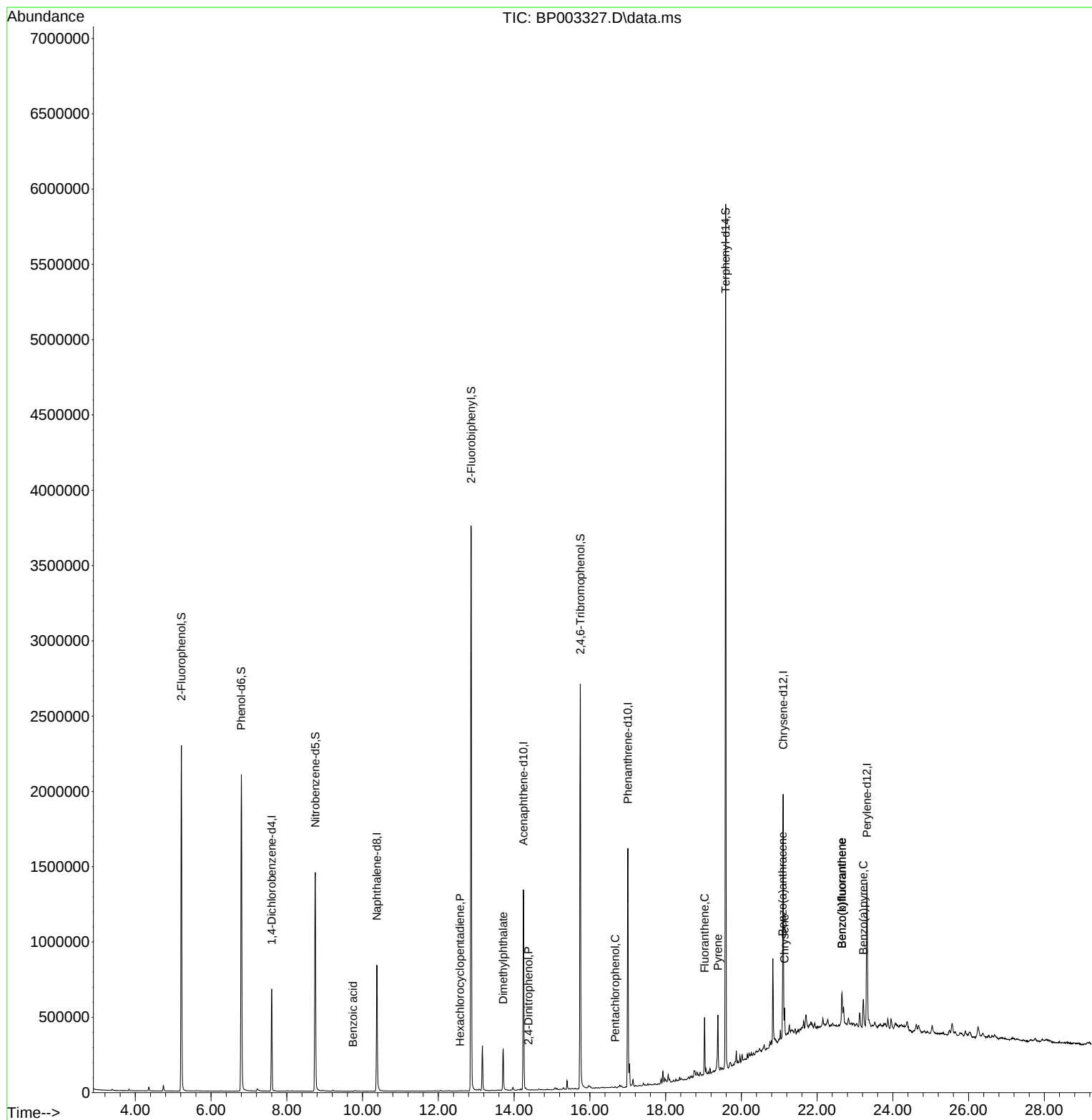
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	189099	20.00	ng	0.00
21) Naphthalene-d8	10.375	136	774435	20.00	ng	# 0.00
39) Acenaphthene-d10	14.245	164	465733	20.00	ng	0.00
64) Phenanthrene-d10	17.004	188	954627	20.00	ng	0.00
76) Chrysene-d12	21.104	240	722711	20.00	ng	0.00
86) Perylene-d12	23.315	264	694068	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	1106209	102.15	ng	0.00
7) Phenol-d6	6.799	99	1414567	98.00	ng	0.00
23) Nitrobenzene-d5	8.752	82	926245	70.26	ng	0.00
42) 2,4,6-Tribromophenol	15.751	330	589726	83.02	ng	0.00
45) 2-Fluorobiphenyl	12.869	172	2106143	66.14	ng	0.00
79) Terphenyl-d14	19.586	244	2486004	71.67	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.746	122	40	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.575	237	19	6.84	ng	85
50) Dimethylphthalate	13.710	163	211243	5.68	ng	100
54) 2,4-Dinitrophenol	14.381	184	26	7.26	ng	# 1
70) Pentachlorophenol	16.669	266	58	6.78	ng	98
75) Fluoranthene	19.027	202	224571	3.44	ng	99
78) Pyrene	19.380	202	221399	4.91	ng	99
81) Benzo(a)anthracene	21.086	228	117760	2.52	ng	98
83) Chrysene	21.139	228	109448	2.44	ng	98
88) Benzo(b)fluoranthene	22.657	252	196699	4.49	ng	# 90
89) Benzo(k)fluoranthene	22.657	252	196251	4.67	ng	# 91
90) Benzo(a)pyrene	23.221	252	109472	2.65	ng	# 95

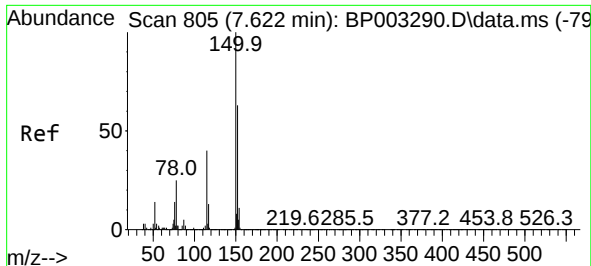
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
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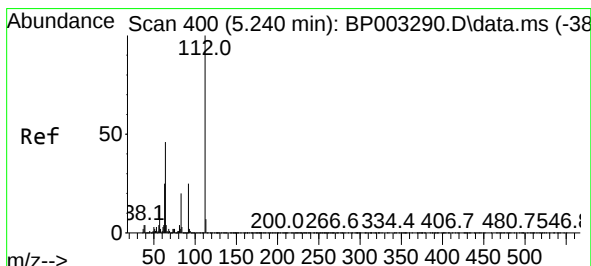
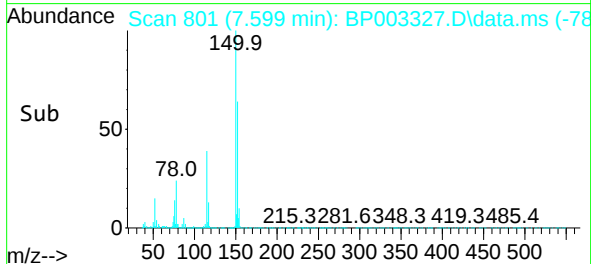
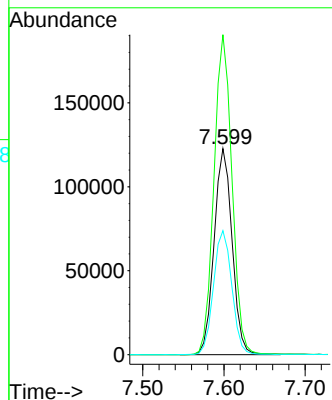
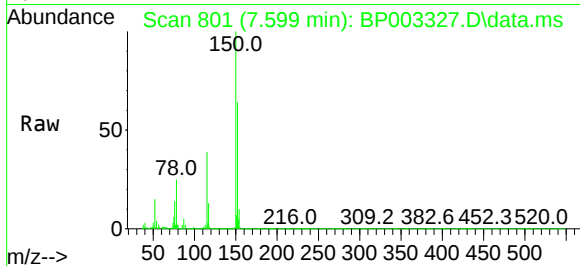




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.599 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP003327.D
Acq: 18 Sep 2020 18:15

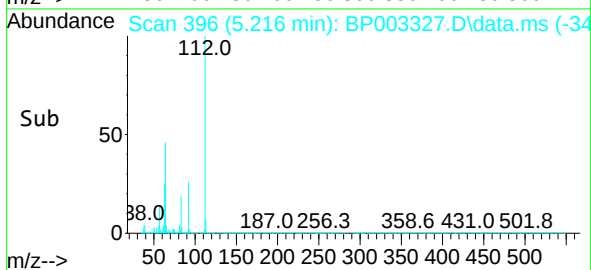
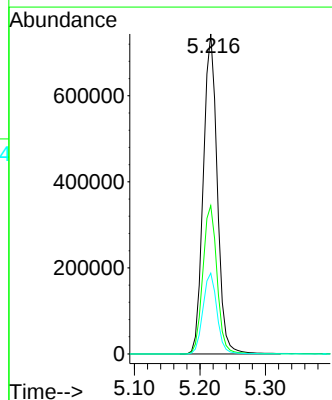
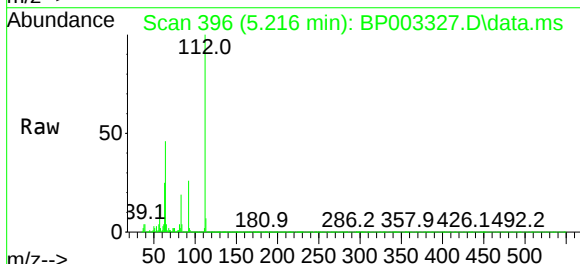
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EROC-CF-1

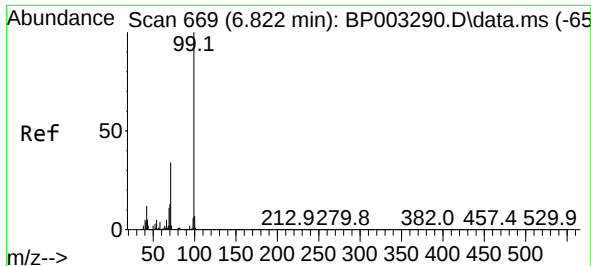
Tgt Ion:152 Resp: 189099
Ion Ratio Lower Upper
152 100
150 155.3 123.8 185.6
115 60.1 43.8 65.6



#5
2-Fluorophenol
Concen: 102.15 ng
RT: 5.216 min Scan# 396
Delta R.T. 0.006 min
Lab File: BP003327.D
Acq: 18 Sep 2020 18:15

Tgt Ion:112 Resp: 1106209
Ion Ratio Lower Upper
112 100
64 46.3 32.8 49.2
63 25.2 17.0 25.4

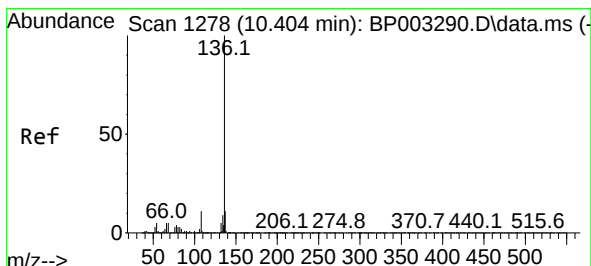
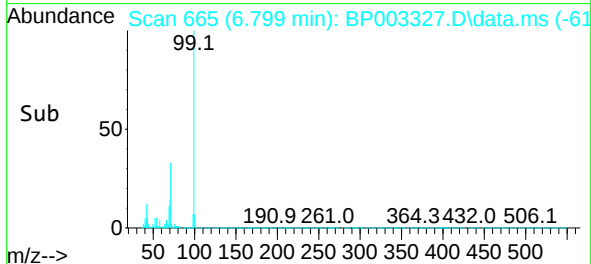
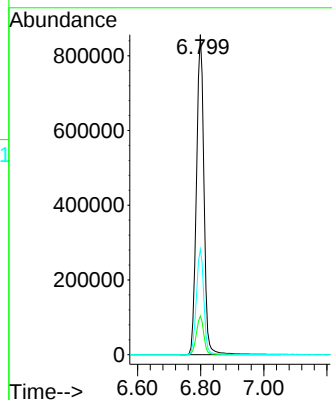
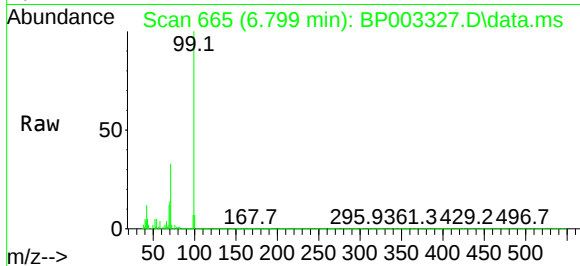




#7
Phenol-d6
Concen: 98.00 ng
RT: 6.799 min Scan# 665
Delta R.T. 0.006 min
Lab File: BP003327.D
Acq: 18 Sep 2020 18:15

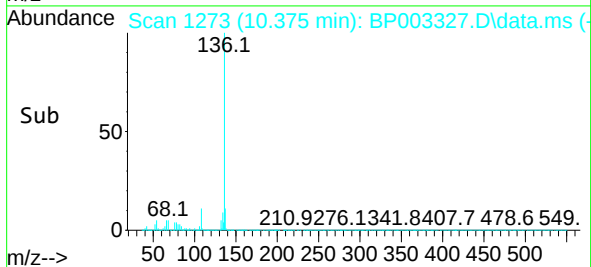
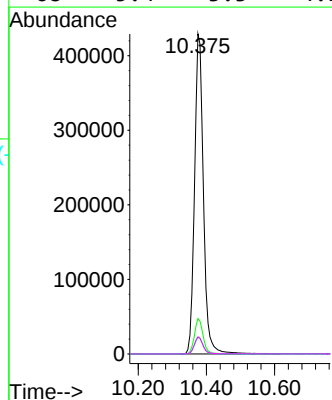
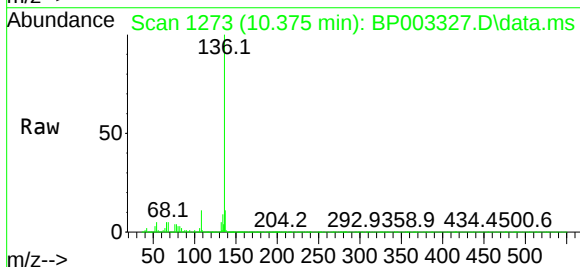
Instrument :
BNA_P
ClientSampleId :
EROC-CF-1

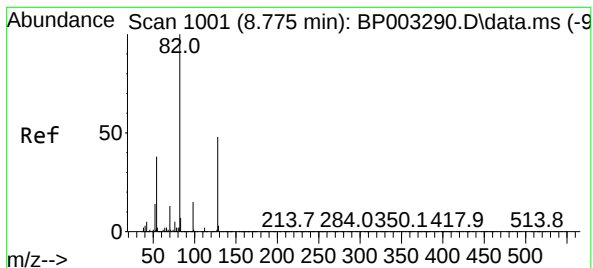
Tgt Ion: 99 Resp: 1414567
Ion Ratio Lower Upper
99 100
42 12.1 8.6 13.0
71 33.0 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.375 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BP003327.D
Acq: 18 Sep 2020 18:15

Tgt Ion: 136 Resp: 774435
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 5.2 3.6 5.4
68 5.4 3.3 4.9#

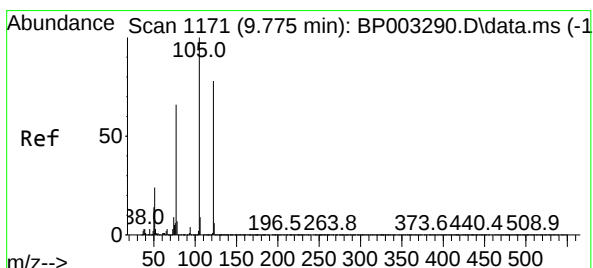
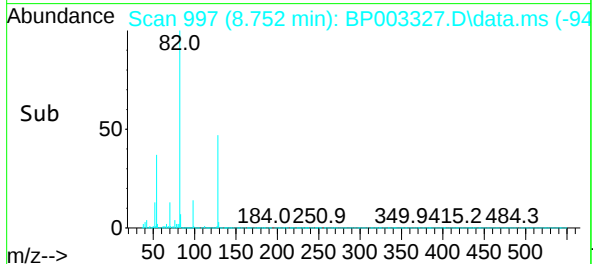
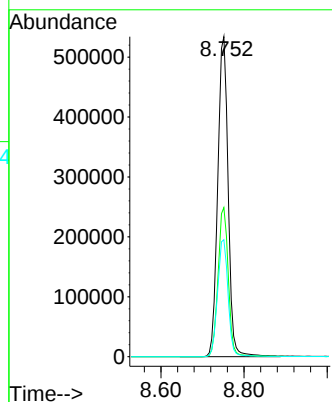
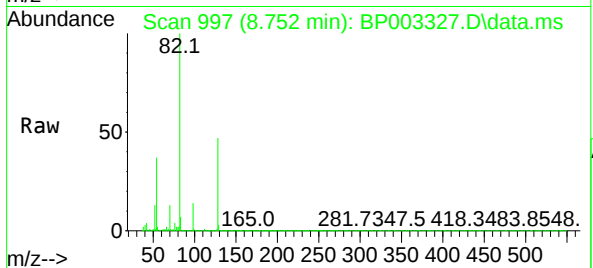




#23
Nitrobenzene-d5
Concen: 70.26 ng
RT: 8.752 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP003327.D
Acq: 18 Sep 2020 18:15

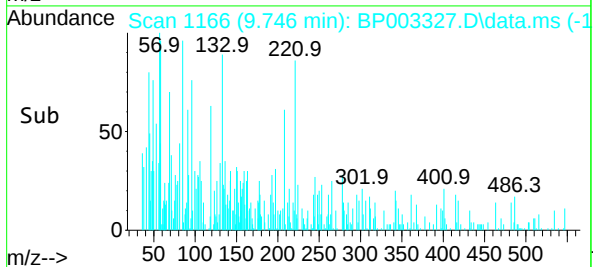
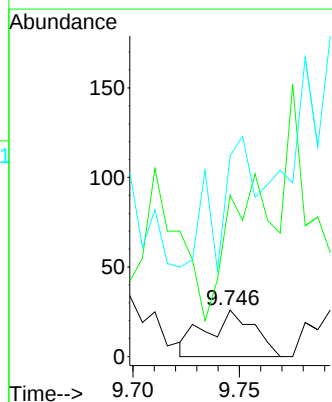
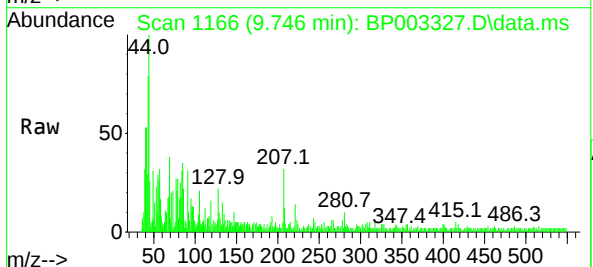
Instrument :
BNA_P
ClientSampleId :
EROC-CF-1

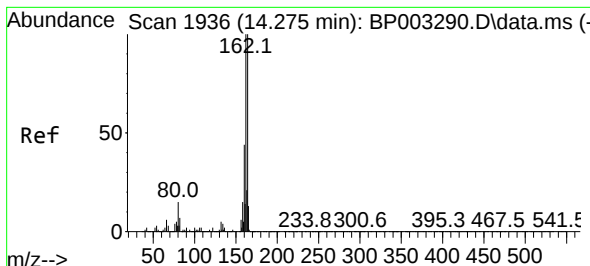
Tgt Ion: 82 Resp: 926245
Ion Ratio Lower Upper
82 100
128 46.6 45.6 68.4
54 36.6 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.746 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BP003327.D
Acq: 18 Sep 2020 18:15

Tgt Ion: 122 Resp: 40
Ion Ratio Lower Upper
122 100
105 346.2 94.1 134.1#
77 430.8 50.1 90.1#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.245 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BP003327.D

Acq: 18 Sep 2020 18:15

Instrument :

BNA_P

ClientSampleId :

EROC-CF-1

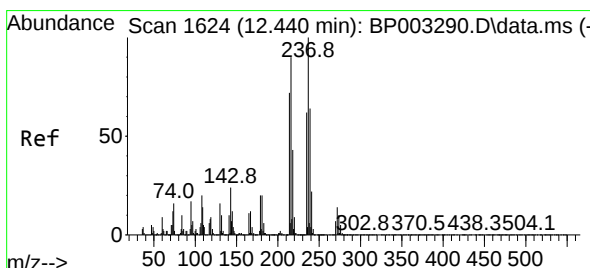
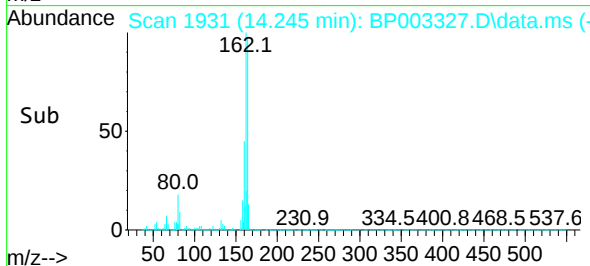
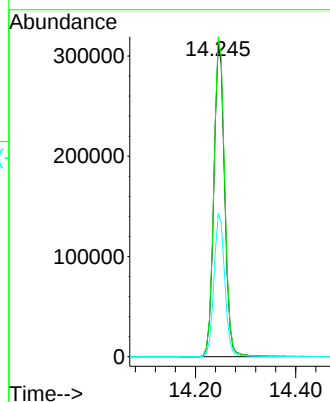
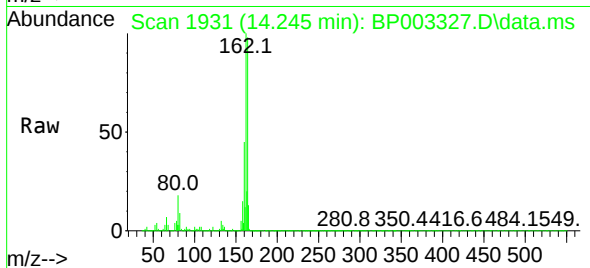
Tgt Ion:164 Resp: 465733

Ion Ratio Lower Upper

164 100

162 102.0 79.4 119.2

160 45.4 36.1 54.1



#41

Hexachlorocyclopentadiene

Concen: 6.84 ng

RT: 12.575 min Scan# 1647

Delta R.T. 0.165 min

Lab File: BP003327.D

Acq: 18 Sep 2020 18:15

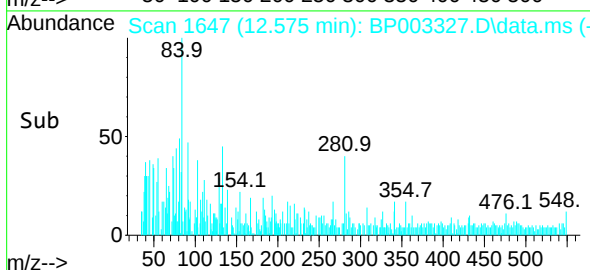
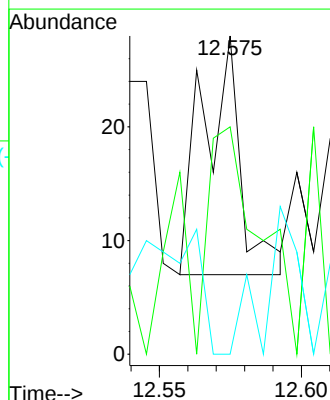
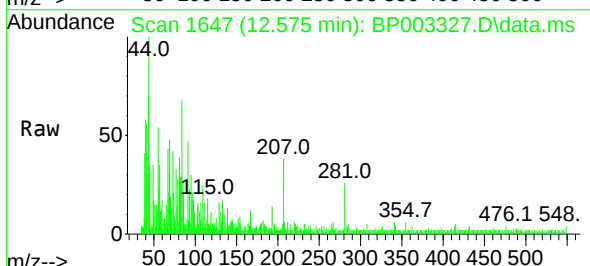
Tgt Ion:237 Resp: 19

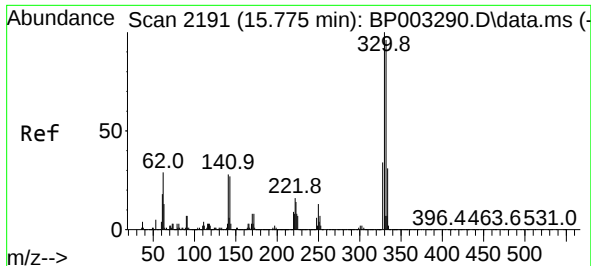
Ion Ratio Lower Upper

237 100

235 71.4 43.2 83.2

272 0.0 0.0 33.3

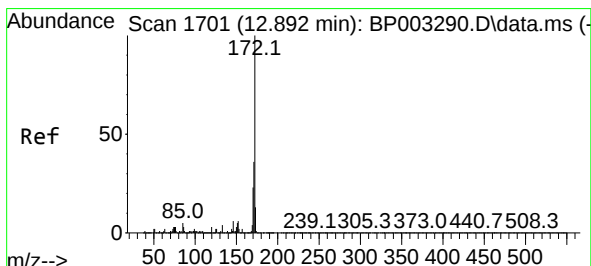
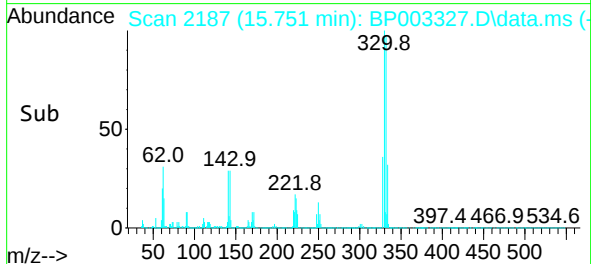
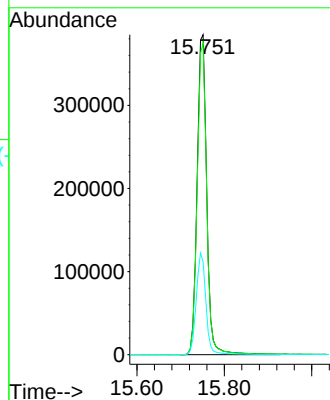
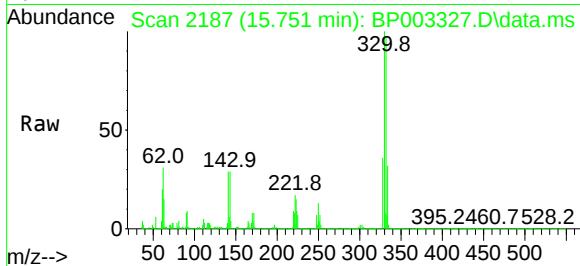




#42
2,4,6-Tribromophenol
Concen: 83.02 ng
RT: 15.751 min Scan# 2187
Delta R.T. 0.006 min
Lab File: BP003327.D
Acq: 18 Sep 2020 18:15

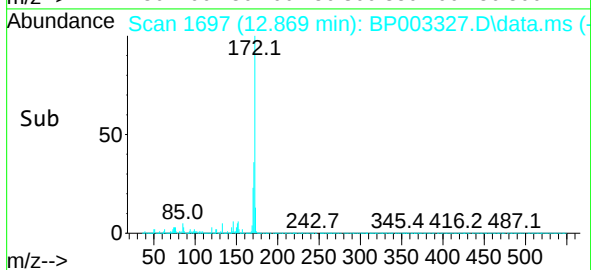
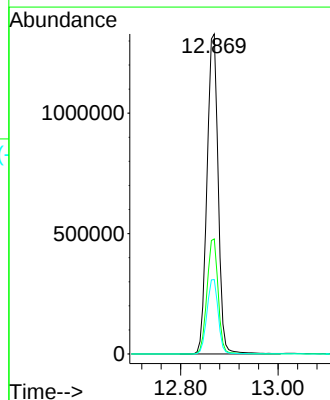
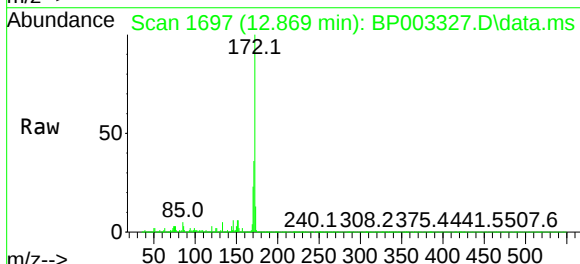
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BNA_P
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EROC-CF-1

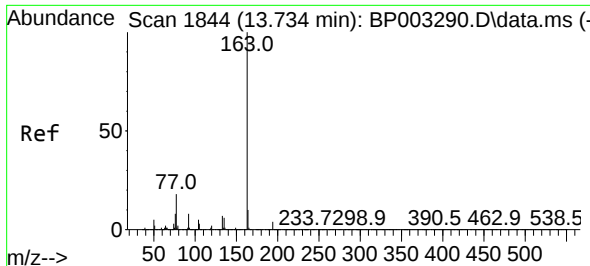
Tgt Ion:330 Resp: 589726
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 32.1 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 66.14 ng
RT: 12.869 min Scan# 1697
Delta R.T. 0.006 min
Lab File: BP003327.D
Acq: 18 Sep 2020 18:15

Tgt Ion:172 Resp: 2106143
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.2 19.2 28.8

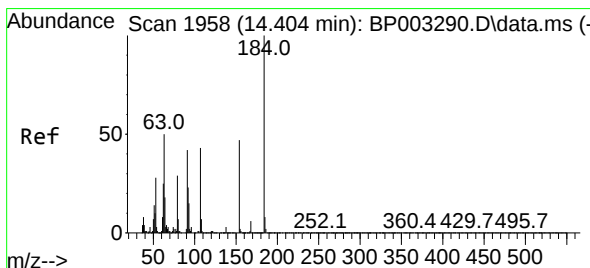
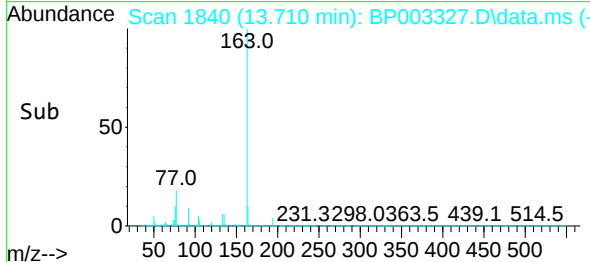
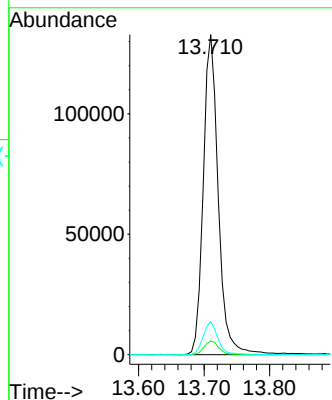
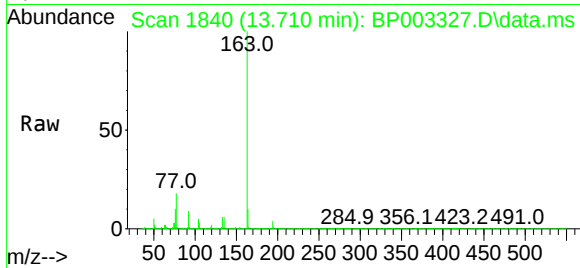




#50
Dimethylphthalate
Concen: 5.68 ng
RT: 13.710 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BP003327.D
Acq: 18 Sep 2020 18:15

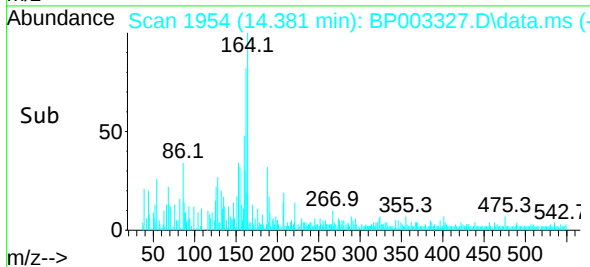
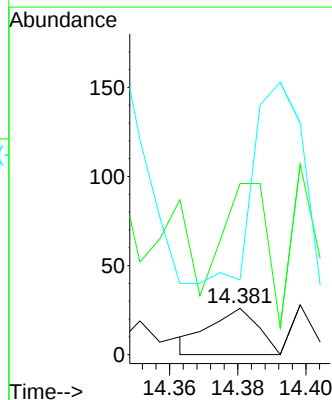
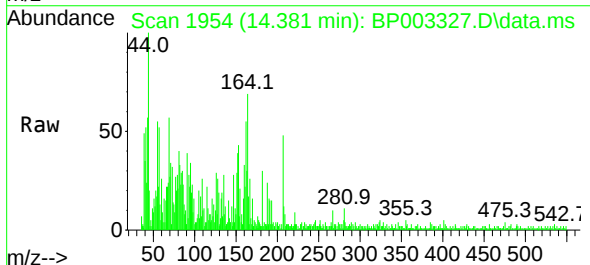
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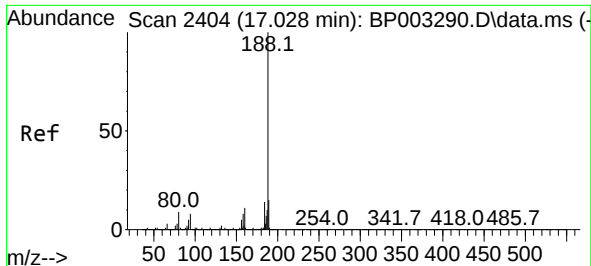
Tgt Ion:163 Resp: 211243
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.4 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.381 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP003327.D
Acq: 18 Sep 2020 18:15

Tgt Ion:184 Resp: 26
Ion Ratio Lower Upper
184 100
63 369.2 32.3 48.5#
154 161.5 49.1 73.7#

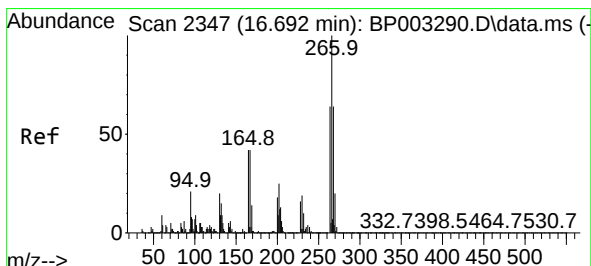
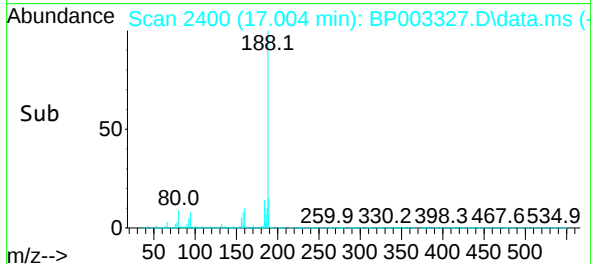
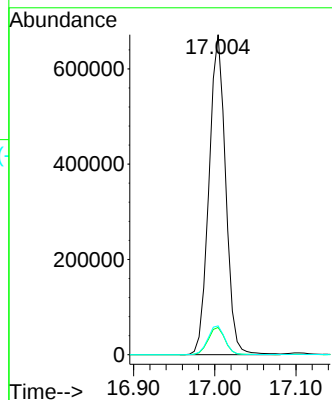
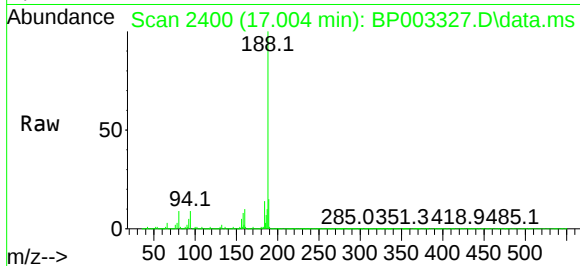




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.004 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BP003327.D
Acq: 18 Sep 2020 18:15

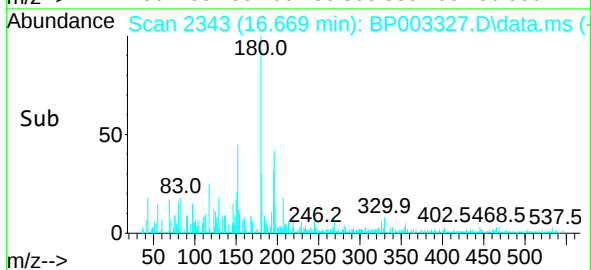
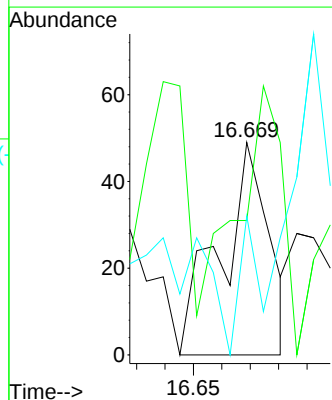
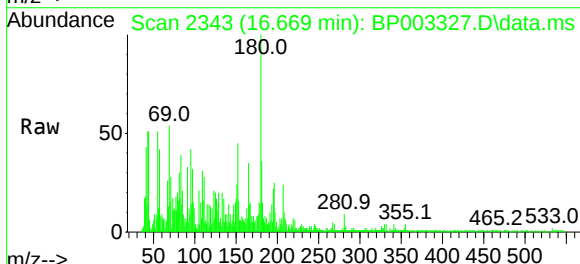
Instrument :
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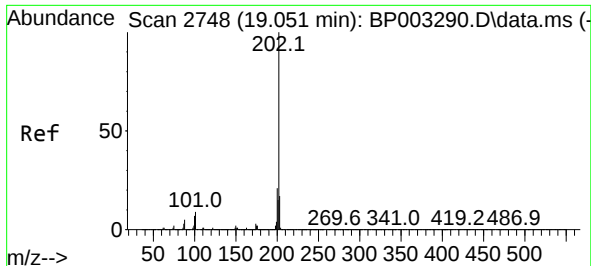
Tgt Ion:	188	Resp:	954627
Ion Ratio	100	Lower	Upper
188	100		
94	8.5	6.2	9.2
80	9.0	6.2	9.2



#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.669 min Scan# 2343
Delta R.T. -0.000 min
Lab File: BP003327.D
Acq: 18 Sep 2020 18:15

Tgt Ion:	266	Resp:	58
Ion Ratio	100	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	65.3	50.6	76.0

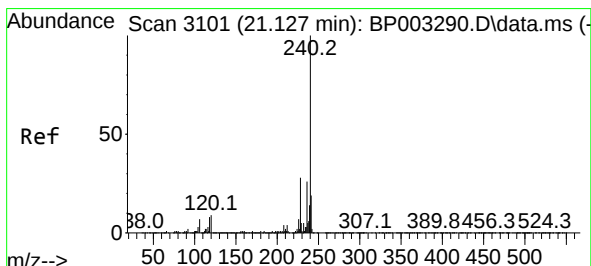
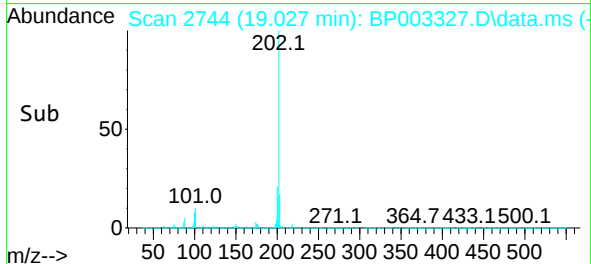
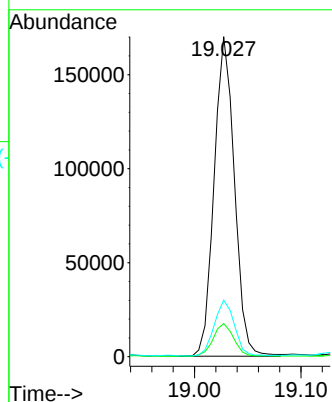
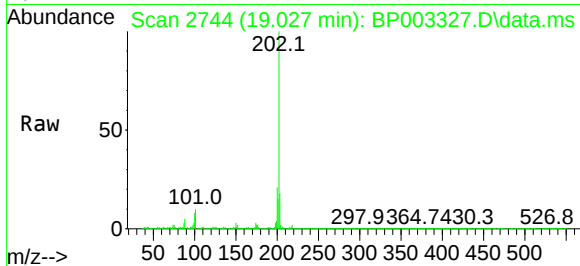




#75
Fluoranthene
Concen: 3.44 ng
RT: 19.027 min Scan# 2744
Delta R.T. -0.000 min
Lab File: BP003327.D
Acq: 18 Sep 2020 18:15

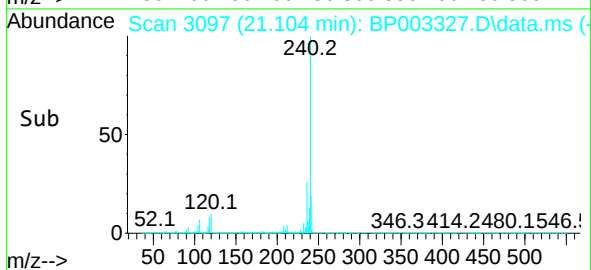
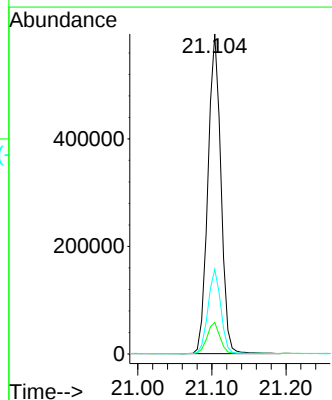
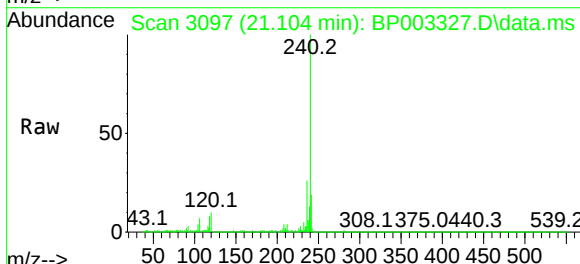
Instrument :
BNA_P
ClientSampleId :
EROC-CF-1

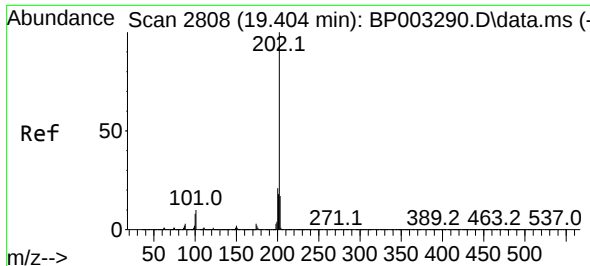
Tgt Ion:	202	Resp:	224571
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	29.4
203	17.7	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.104 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BP003327.D
Acq: 18 Sep 2020 18:15

Tgt Ion:	240	Resp:	722711
Ion Ratio	Lower	Upper	
240	100		
120	9.9	7.8	11.6
236	26.5	20.8	31.2

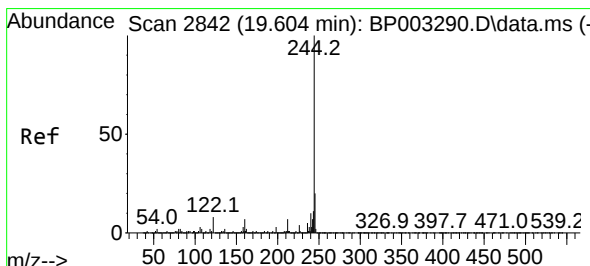
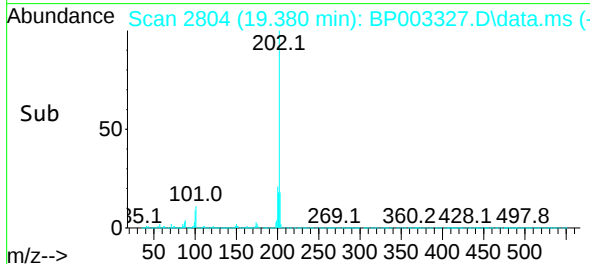
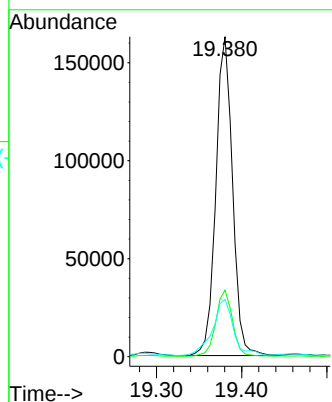
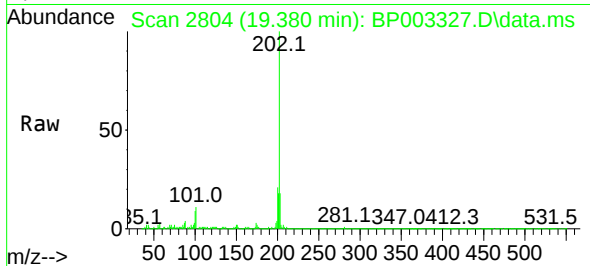




#78
Pyrene
Concen: 4.91 ng
RT: 19.380 min Scan# 2804
Delta R.T. -0.000 min
Lab File: BP003327.D
Acq: 18 Sep 2020 18:15

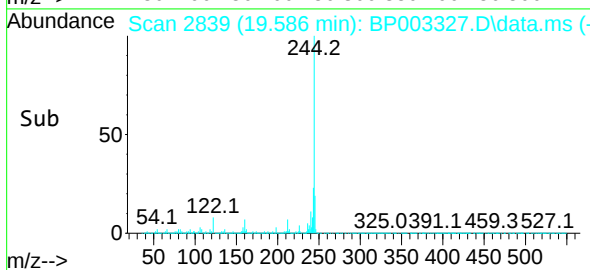
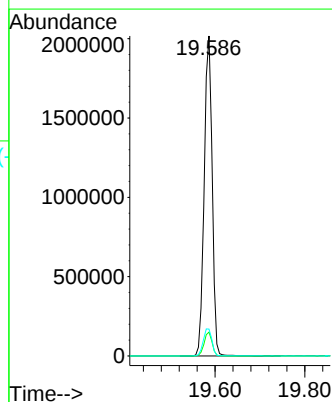
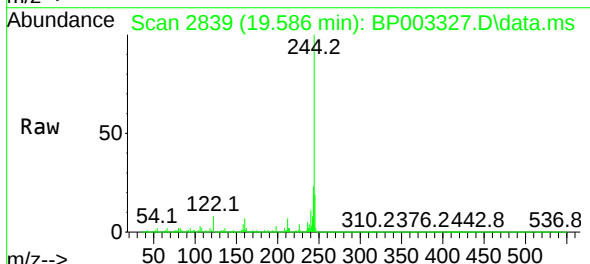
Instrument :
BNA_P
ClientSampleId :
EROC-CF-1

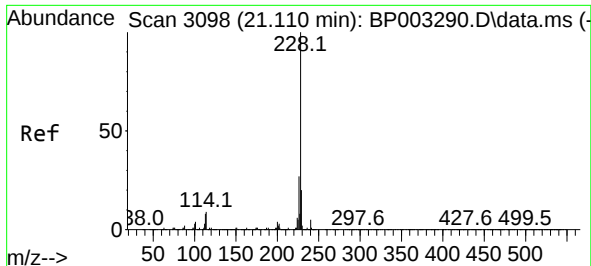
Tgt Ion:202 Resp: 221399
Ion Ratio Lower Upper
202 100
200 20.8 17.1 25.7
203 17.9 14.2 21.2



#79
Terphenyl-d14
Concen: 71.67 ng
RT: 19.586 min Scan# 2839
Delta R.T. 0.006 min
Lab File: BP003327.D
Acq: 18 Sep 2020 18:15

Tgt Ion:244 Resp: 2486004
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 8.4 7.8 11.8

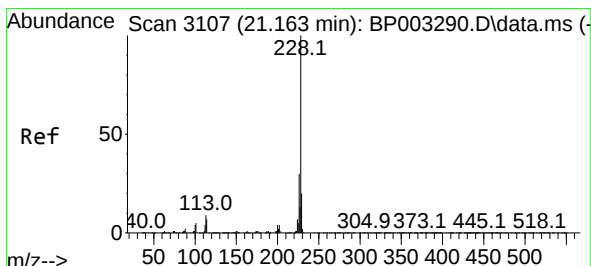
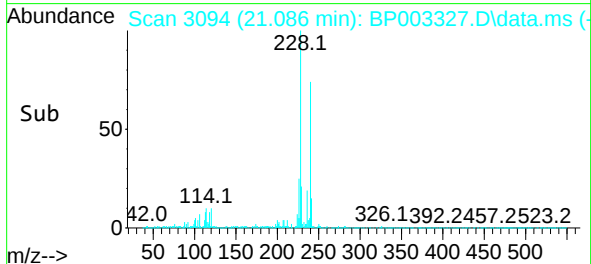
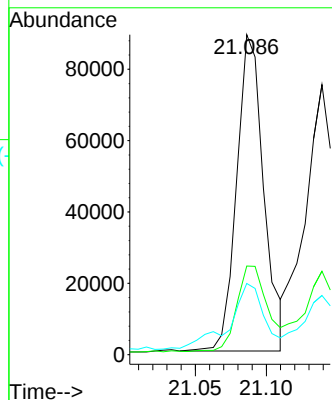
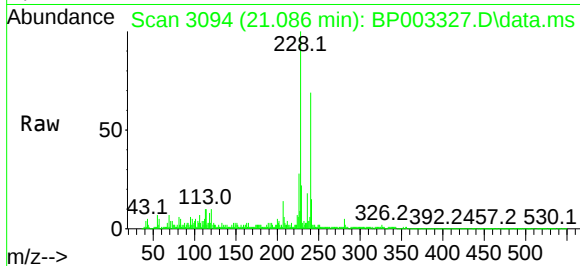




#81
Benzo(a)anthracene
Concen: 2.52 ng
RT: 21.086 min Scan# 3094
Delta R.T. -0.000 min
Lab File: BP003327.D
Acq: 18 Sep 2020 18:15

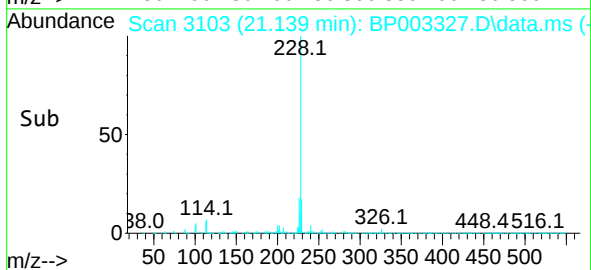
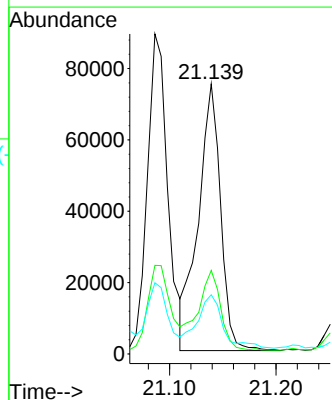
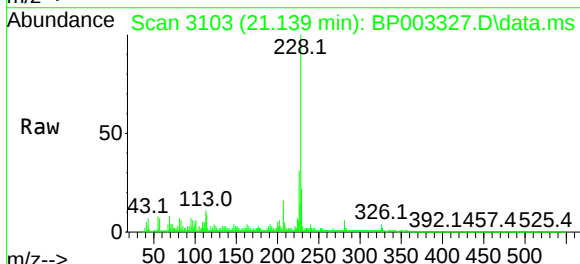
Instrument :
BNA_P
ClientSampleId :
EROC-CF-1

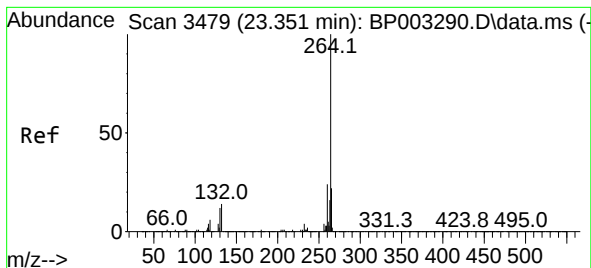
Tgt Ion:228 Resp: 117760
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 22.2 15.9 23.9



#83
Chrysene
Concen: 2.44 ng
RT: 21.139 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP003327.D
Acq: 18 Sep 2020 18:15

Tgt Ion:228 Resp: 109448
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 21.9 15.8 23.6





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.315 min Scan# 3473

Delta R.T. -0.000 min

Lab File: BP003327.D

Acq: 18 Sep 2020 18:15

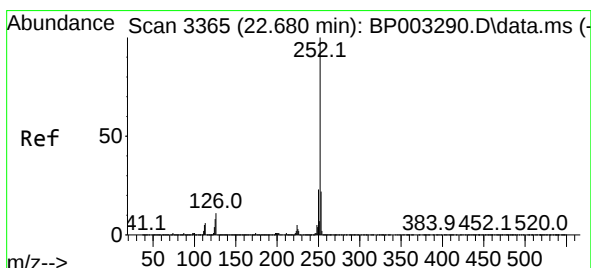
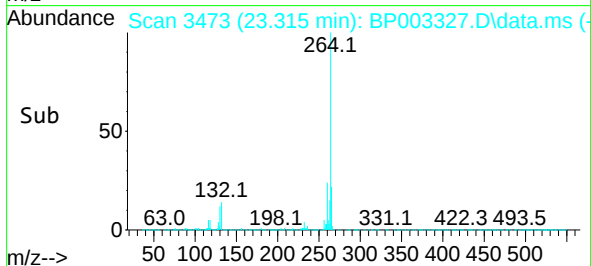
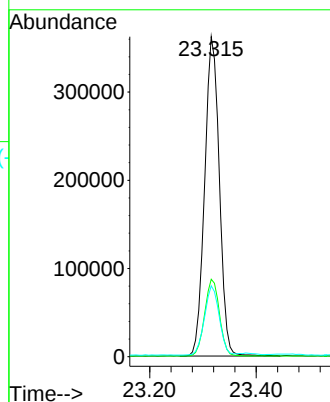
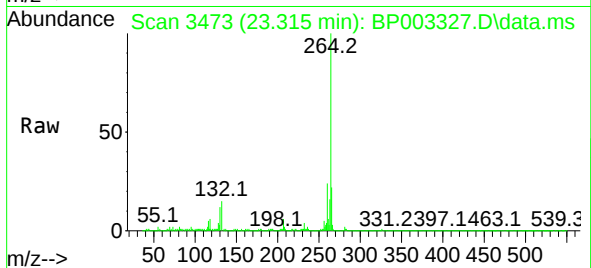
Tgt Ion:264 Resp: 694068

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 22.2 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 4.49 ng

RT: 22.657 min Scan# 3361

Delta R.T. 0.006 min

Lab File: BP003327.D

Acq: 18 Sep 2020 18:15

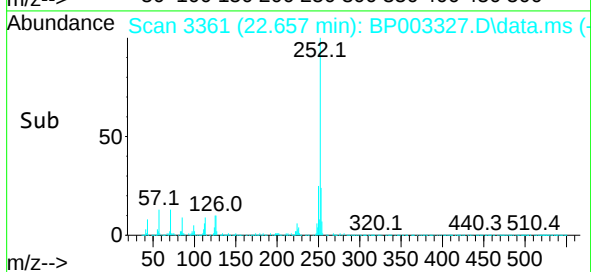
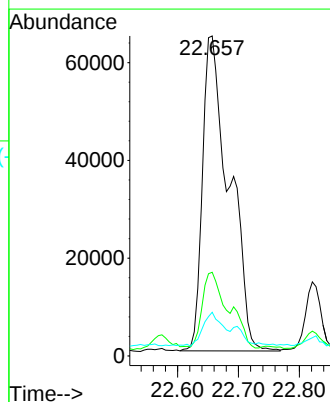
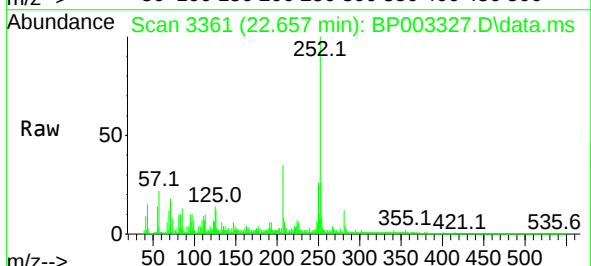
Tgt Ion:252 Resp: 196699

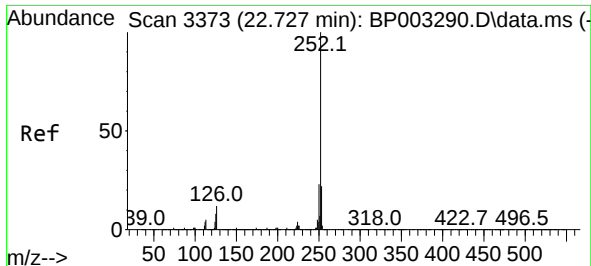
Ion Ratio Lower Upper

252 100

253 26.1 17.6 26.4

125 13.7 7.3 10.9#

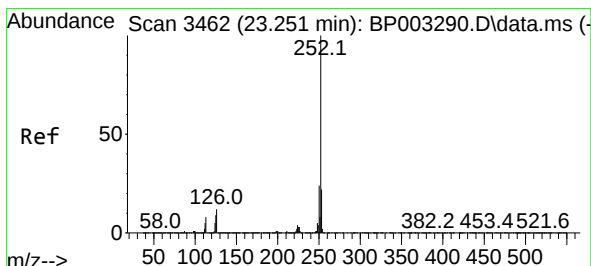
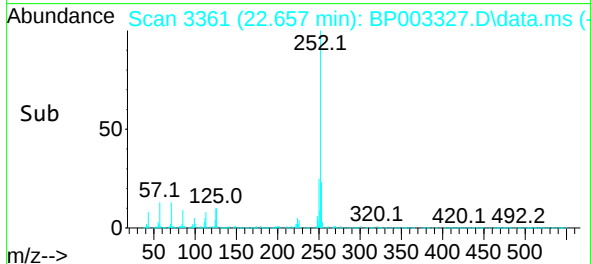
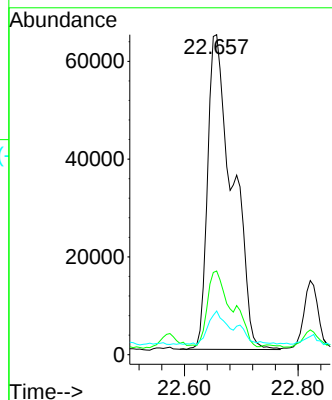
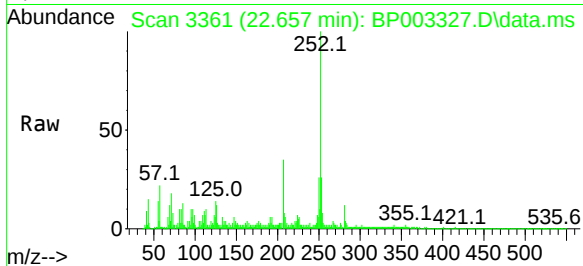




#89
Benzo(k)fluoranthene
Concen: 4.67 ng
RT: 22.657 min Scan# 3361
Delta R.T. -0.035 min
Lab File: BP003327.D
Acq: 18 Sep 2020 18:15

Instrument :
BNA_P
ClientSampleId :
EROC-CF-1

Tgt Ion:252 Resp: 196251
Ion Ratio Lower Upper
252 100
253 26.1 17.8 26.8
125 13.7 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 2.65 ng
RT: 23.221 min Scan# 3457
Delta R.T. -0.000 min
Lab File: BP003327.D
Acq: 18 Sep 2020 18:15

Tgt Ion:252 Resp: 109472
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.0
125 12.7 8.2 12.4#

