

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
 Data File : BP003328.D
 Acq On : 18 Sep 2020 18:49
 Operator : CG/JU
 Sample : L4062-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EROC-CF-2

Quant Time: Sep 19 06:19:05 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)

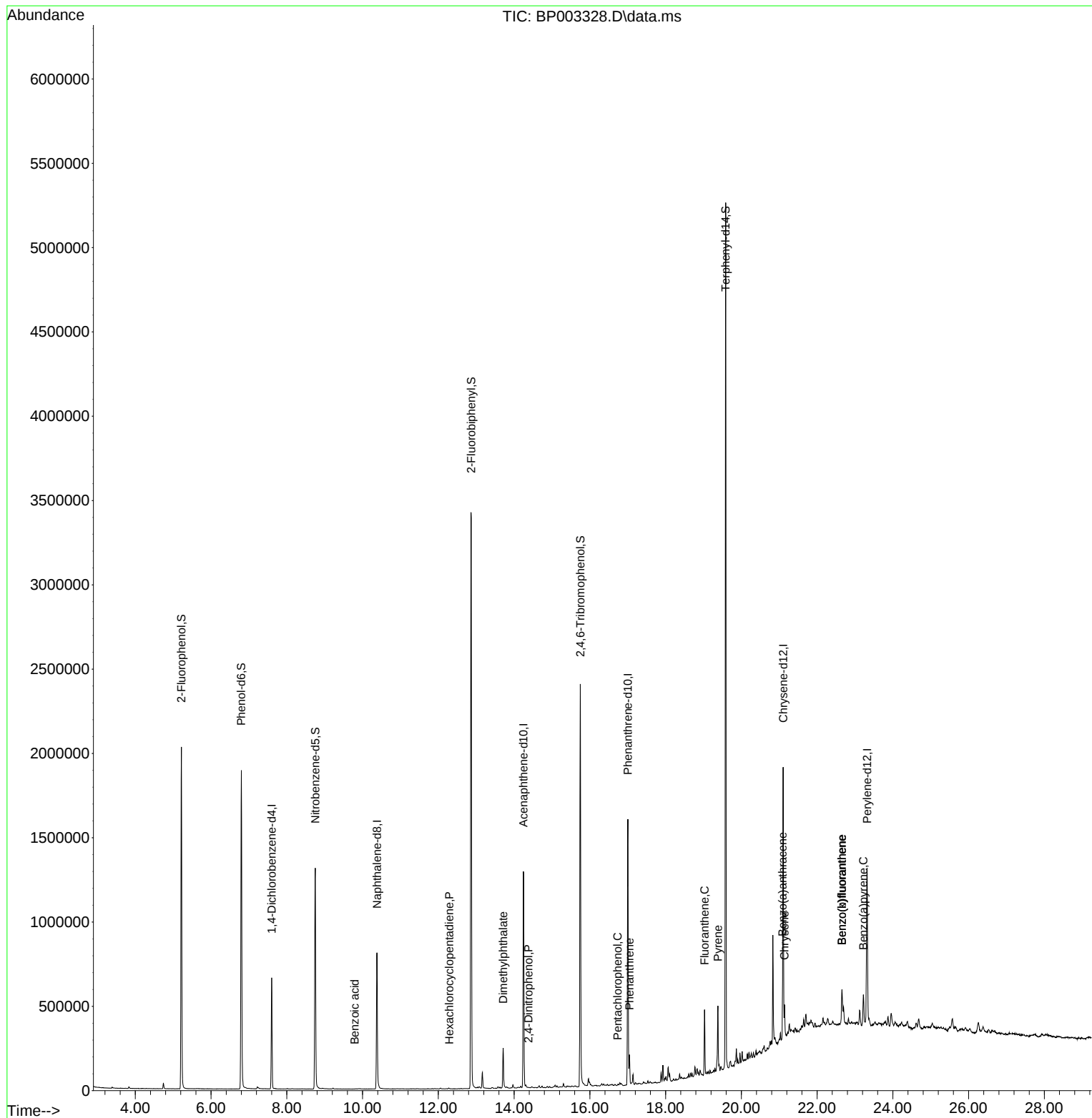
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	186955	20.00	ng	0.00
21) Naphthalene-d8	10.381	136	759581	20.00	ng	# 0.00
39) Acenaphthene-d10	14.245	164	462075	20.00	ng	0.00
64) Phenanthrene-d10	17.004	188	936318	20.00	ng	0.00
76) Chrysene-d12	21.104	240	703714	20.00	ng	0.00
86) Perylene-d12	23.321	264	681904	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	985025	92.00	ng	0.00
7) Phenol-d6	6.799	99	1268785	88.90	ng	0.00
23) Nitrobenzene-d5	8.752	82	834523	64.54	ng	0.00
42) 2,4,6-Tribromophenol	15.751	330	525817	74.61	ng	0.00
45) 2-Fluorobiphenyl	12.869	172	1928035	61.03	ng	0.00
79) Terphenyl-d14	19.586	244	2267649	67.14	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.793	122	68	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.293	237	22	6.84	ng	73
50) Dimethylphthalate	13.710	163	182622	4.95	ng	99
54) 2,4-Dinitrophenol	14.381	184	18	7.26	ng	# 1
70) Pentachlorophenol	16.733	266	45	6.78	ng	92
71) Phenanthrene	17.045	178	105686	2.07	ng	99
75) Fluoranthene	19.027	202	224067	3.50	ng	100
78) Pyrene	19.380	202	237409	5.41	ng	99
81) Benzo(a)anthracene	21.086	228	116084	2.55	ng	98
83) Chrysene	21.139	228	108137	2.47	ng	97
88) Benzo(b)fluoranthene	22.657	252	135493	3.15	ng	# 93
89) Benzo(k)fluoranthene	22.657	252	135493	3.28	ng	# 94
90) Benzo(a)pyrene	23.221	252	102648	2.53	ng	96

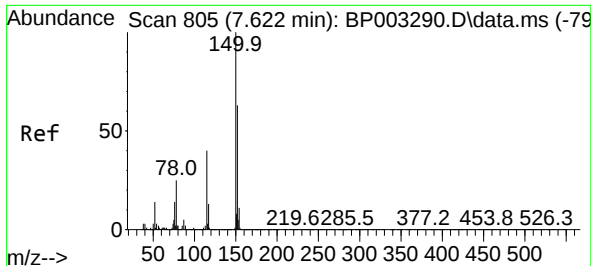
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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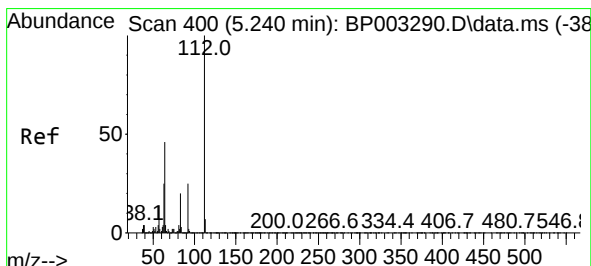
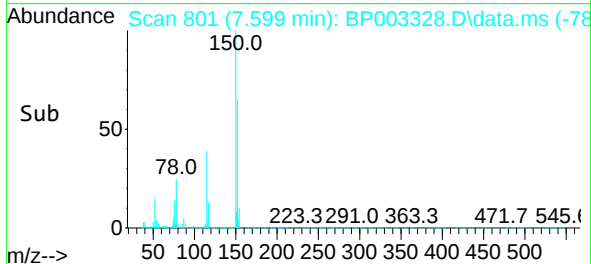
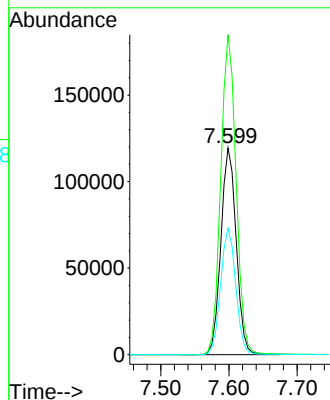
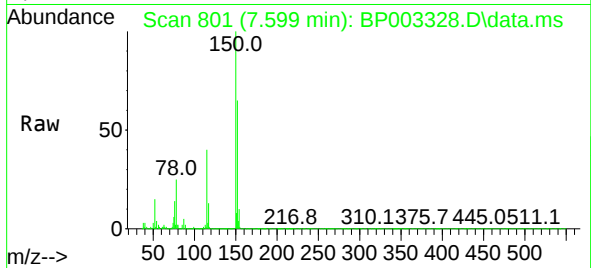




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.599 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP003328.D
Acq: 18 Sep 2020 18:49

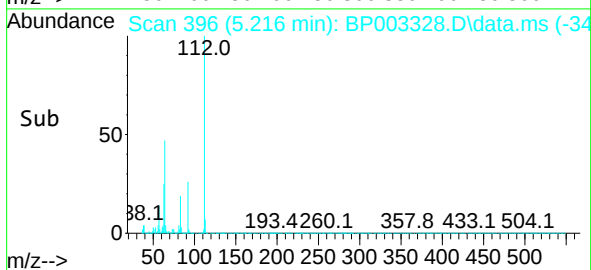
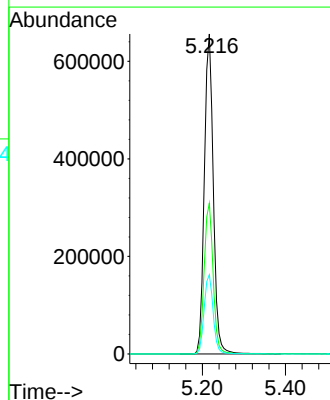
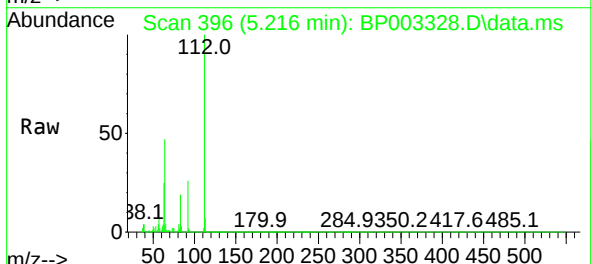
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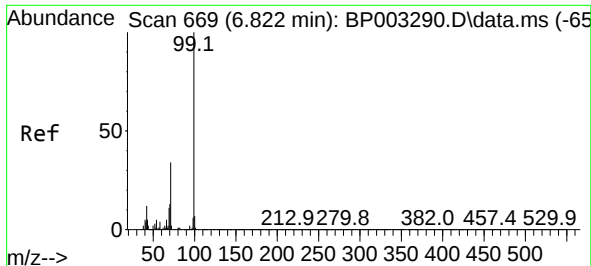
Tgt Ion:152 Resp: 186955
Ion Ratio Lower Upper
152 100
150 154.8 123.8 185.6
115 61.2 43.8 65.6



#5
2-Fluorophenol
Concen: 92.00 ng
RT: 5.216 min Scan# 396
Delta R.T. 0.006 min
Lab File: BP003328.D
Acq: 18 Sep 2020 18:49

Tgt Ion:112 Resp: 985025
Ion Ratio Lower Upper
112 100
64 47.1 32.8 49.2
63 24.7 17.0 25.4

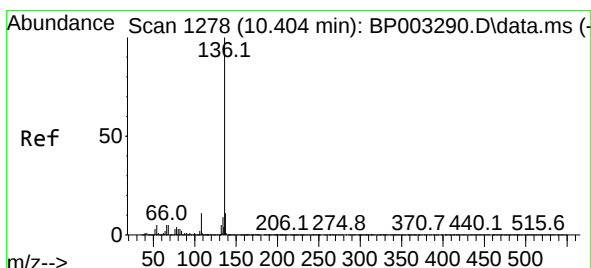
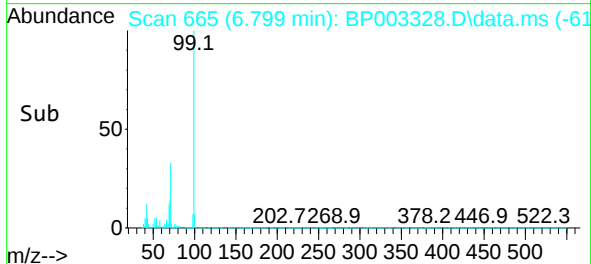
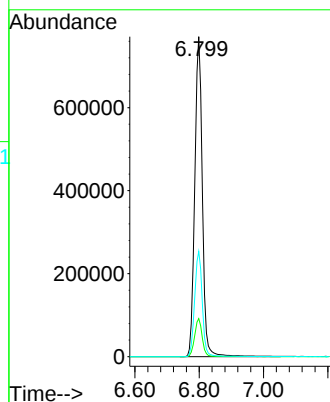
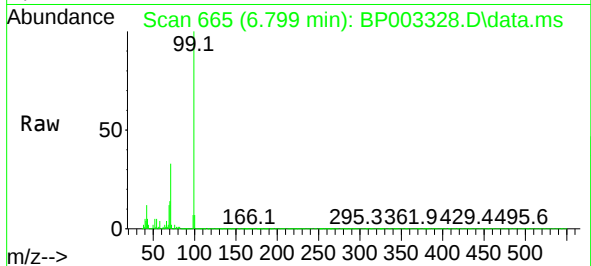




#7
Phenol-d6
Concen: 88.90 ng
RT: 6.799 min Scan# 665
Delta R.T. 0.006 min
Lab File: BP003328.D
Acq: 18 Sep 2020 18:49

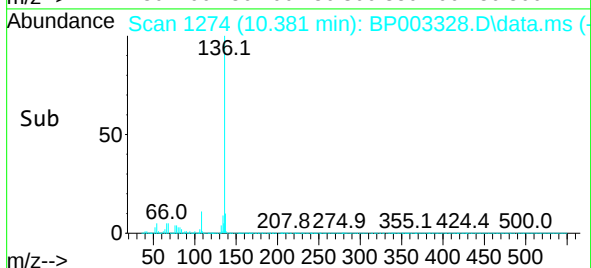
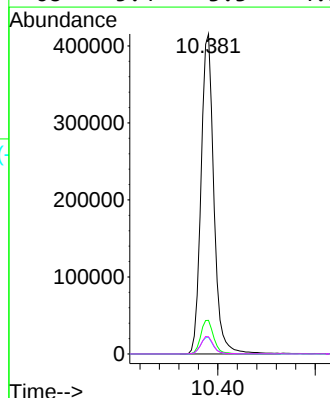
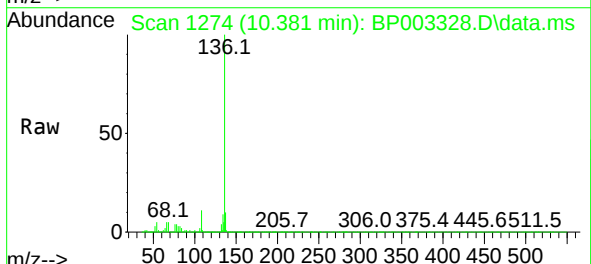
Instrument :
BNA_P
ClientSampleId :
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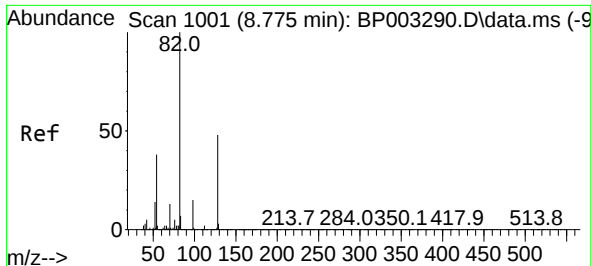
Tgt Ion: 99 Resp: 1268785
Ion Ratio Lower Upper
99 100
42 11.9 8.6 13.0
71 32.9 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.381 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BP003328.D
Acq: 18 Sep 2020 18:49

Tgt Ion: 136 Resp: 759581
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 5.3 3.6 5.4
68 5.4 3.3 4.9#

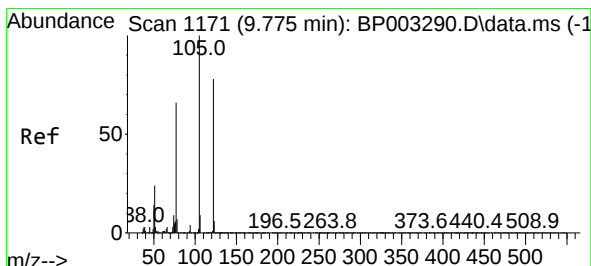
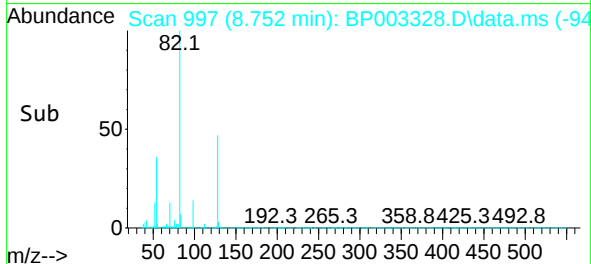
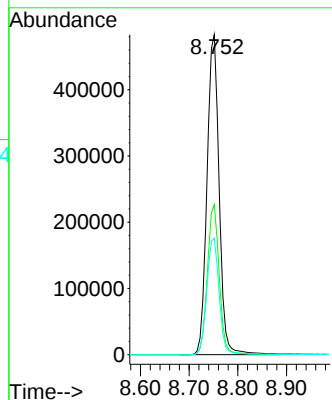
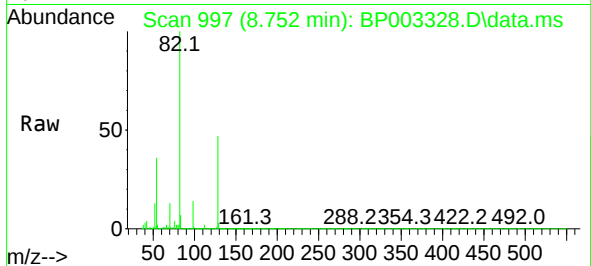




#23
Nitrobenzene-d5
Concen: 64.54 ng
RT: 8.752 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP003328.D
Acq: 18 Sep 2020 18:49

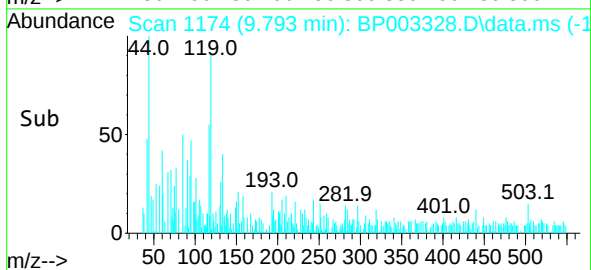
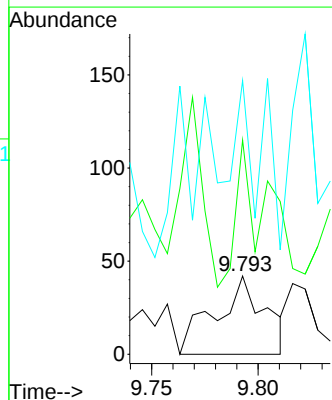
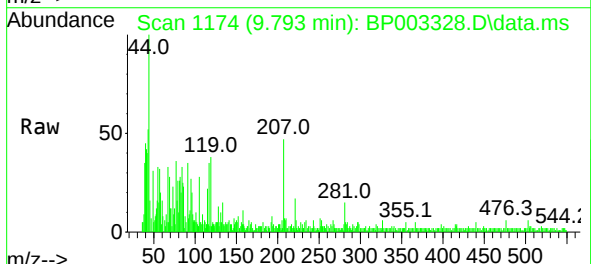
Instrument :
BNA_P
ClientSampleId :
EROC-CF-2

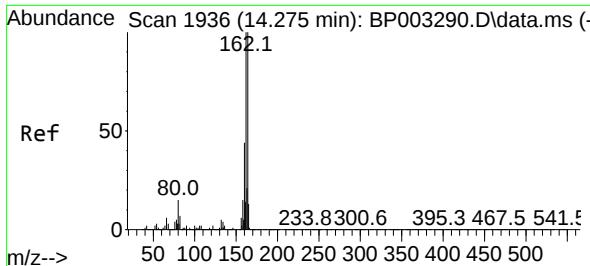
Tgt Ion: 82 Resp: 834523
Ion Ratio Lower Upper
82 100
128 46.9 45.6 68.4
54 36.4 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.793 min Scan# 1174
Delta R.T. 0.041 min
Lab File: BP003328.D
Acq: 18 Sep 2020 18:49

Tgt Ion: 122 Resp: 68
Ion Ratio Lower Upper
122 100
105 273.8 94.1 134.1#
77 350.0 50.1 90.1#

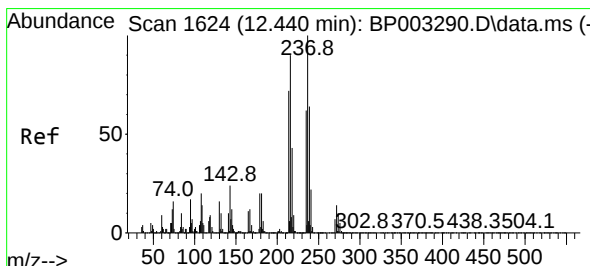
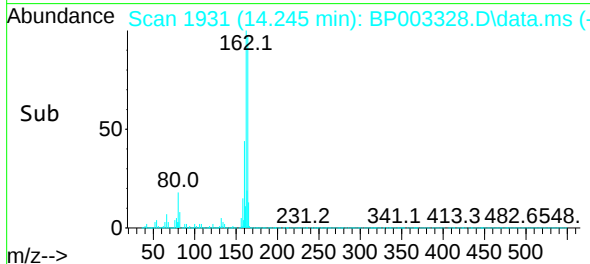
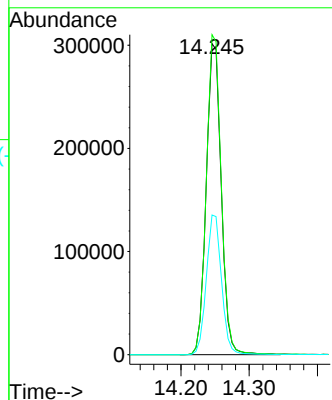
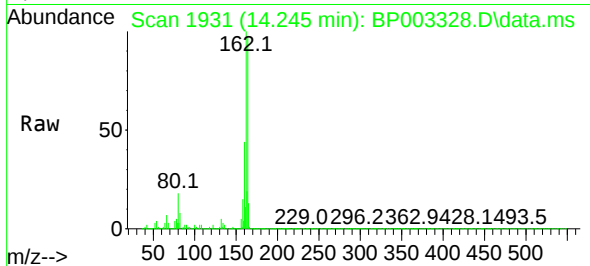




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.245 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BP003328.D
Acq: 18 Sep 2020 18:49

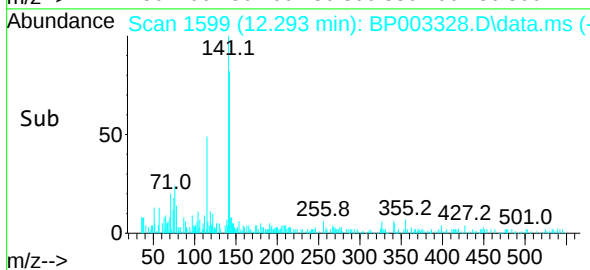
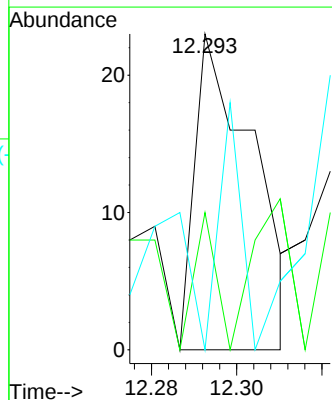
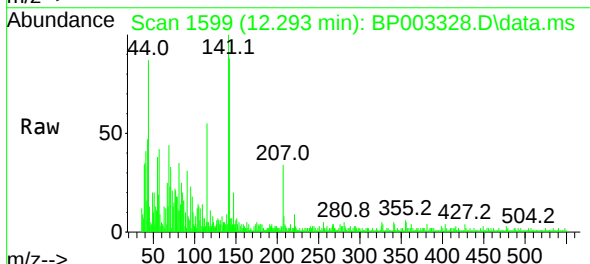
Instrument :
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ClientSampleId :
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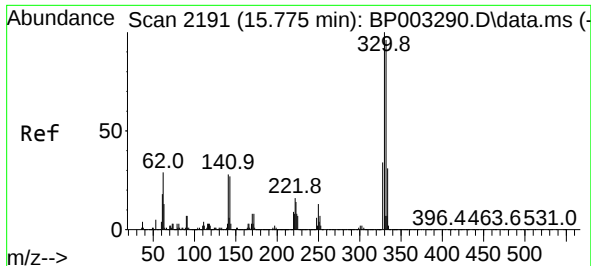
Tgt Ion:164 Resp: 462075
Ion Ratio Lower Upper
164 100
162 102.9 79.4 119.2
160 44.9 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.293 min Scan# 1599
Delta R.T. -0.118 min
Lab File: BP003328.D
Acq: 18 Sep 2020 18:49

Tgt Ion:237 Resp: 22
Ion Ratio Lower Upper
237 100
235 43.5 43.2 83.2
272 0.0 0.0 33.3

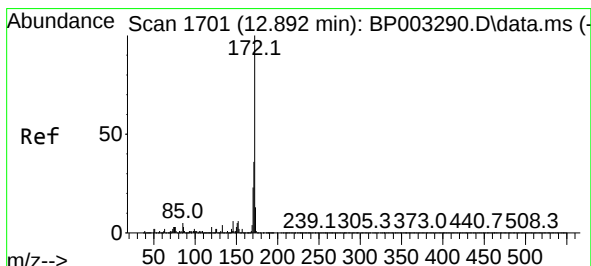
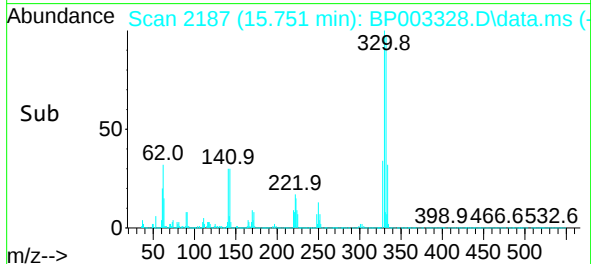
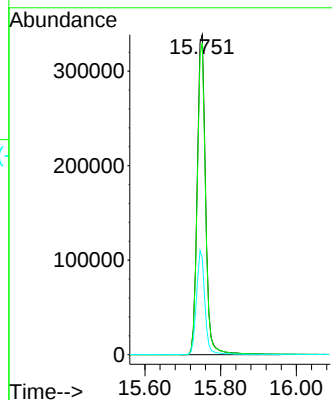
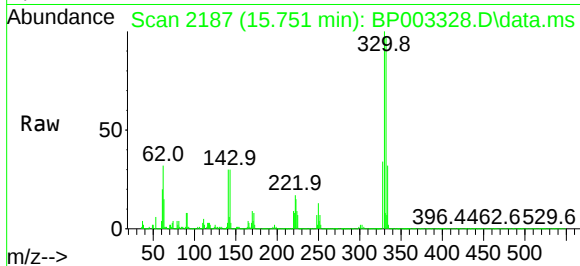




#42
2,4,6-Tribromophenol
Concen: 74.61 ng
RT: 15.751 min Scan# 2187
Delta R.T. 0.006 min
Lab File: BP003328.D
Acq: 18 Sep 2020 18:49

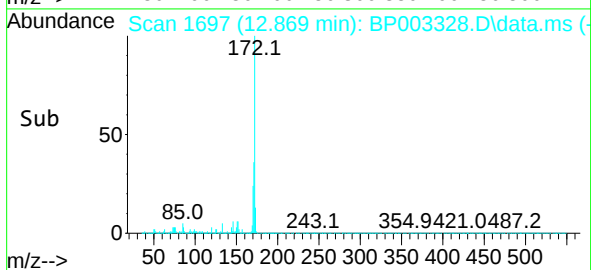
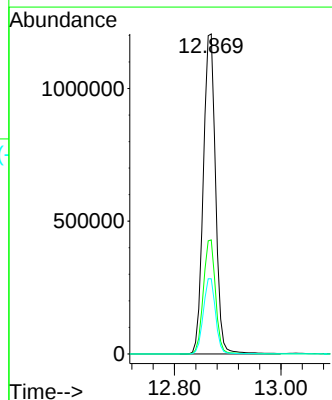
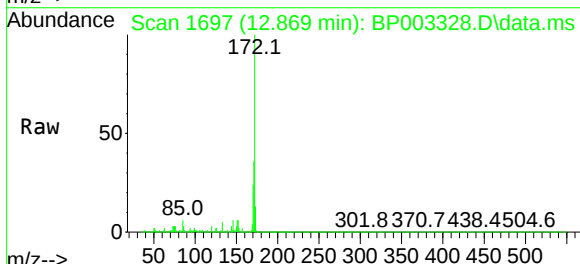
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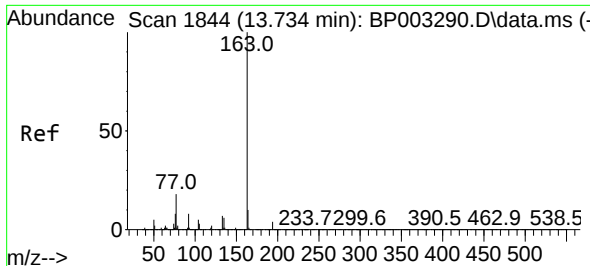
Tgt Ion:330 Resp: 525817
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 32.4 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 61.03 ng
RT: 12.869 min Scan# 1697
Delta R.T. 0.006 min
Lab File: BP003328.D
Acq: 18 Sep 2020 18:49

Tgt Ion:172 Resp: 1928035
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.5 19.2 28.8

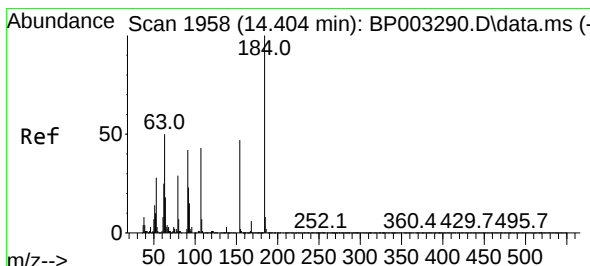
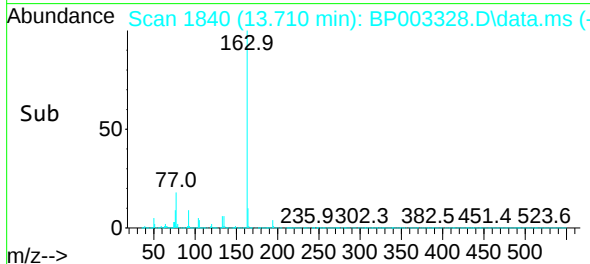
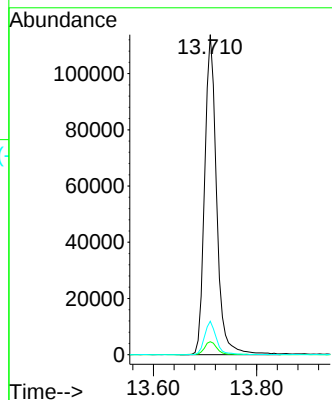
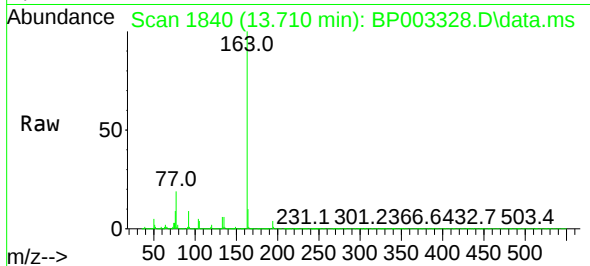




#50
Dimethylphthalate
Concen: 4.95 ng
RT: 13.710 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BP003328.D
Acq: 18 Sep 2020 18:49

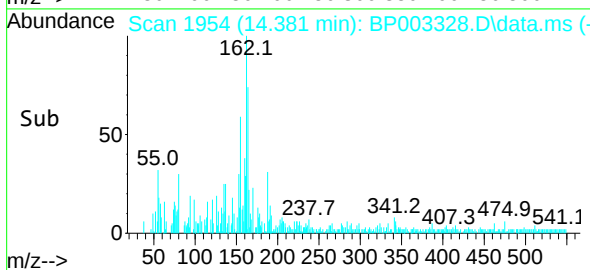
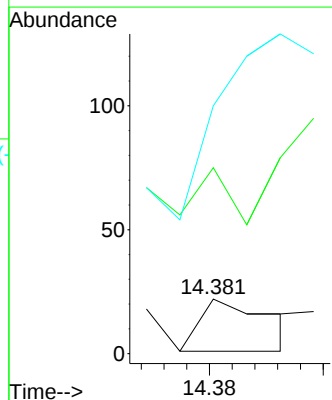
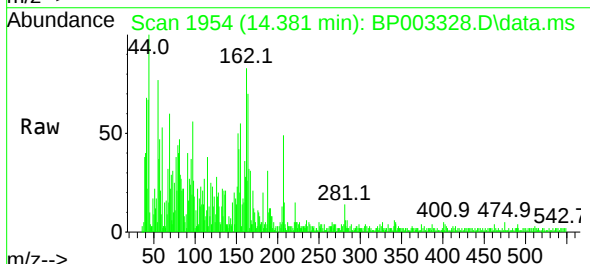
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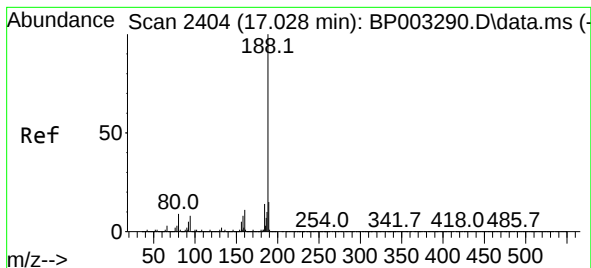
Tgt Ion:163 Resp: 182622
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.5 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.381 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP003328.D
Acq: 18 Sep 2020 18:49

Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 413.6 32.3 48.5#
154 454.5 49.1 73.7#

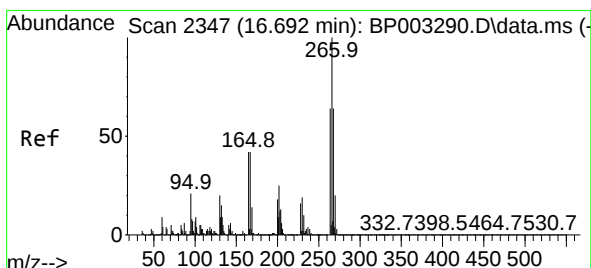
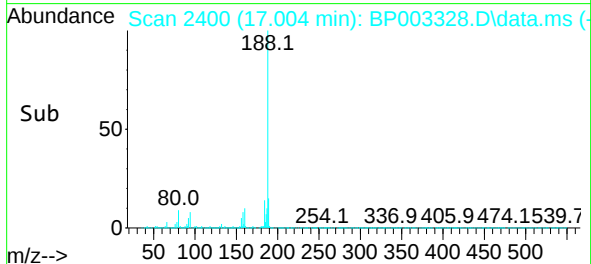
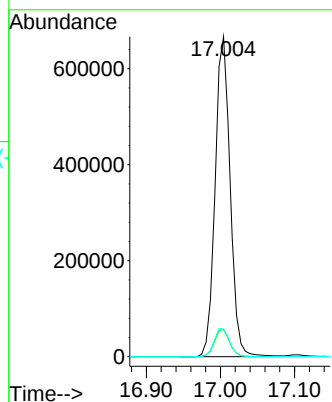
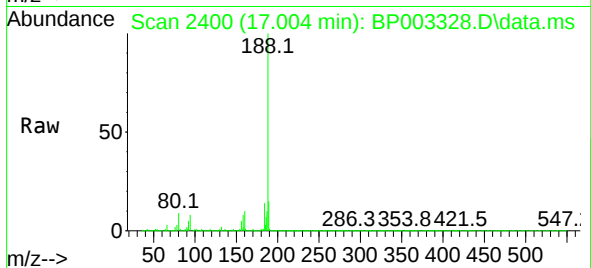




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.004 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BP003328.D
Acq: 18 Sep 2020 18:49

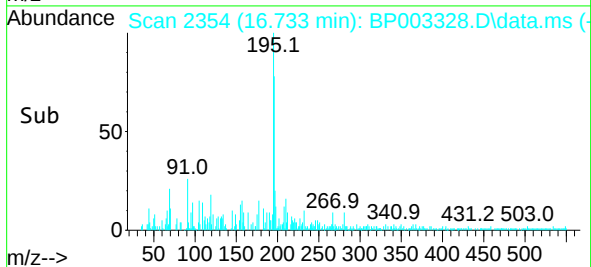
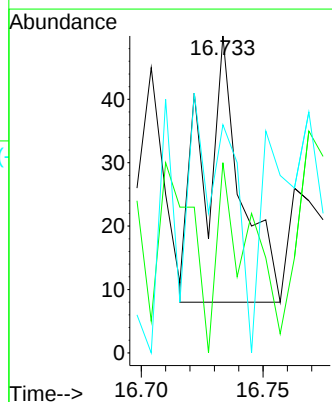
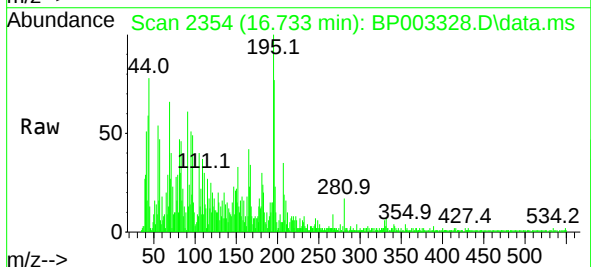
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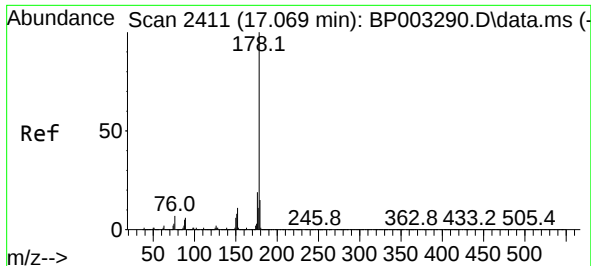
Tgt Ion:188 Resp: 936318
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 8.6 6.2 9.2



#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.733 min Scan# 2354
Delta R.T. 0.065 min
Lab File: BP003328.D
Acq: 18 Sep 2020 18:49

Tgt Ion:266 Resp: 45
Ion Ratio Lower Upper
266 100
268 60.0 51.1 76.7
264 72.0 50.6 76.0

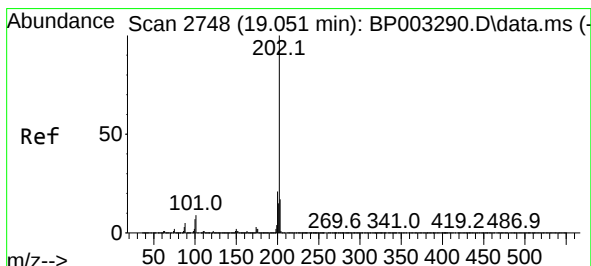
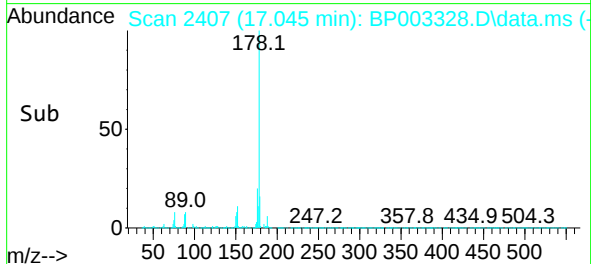
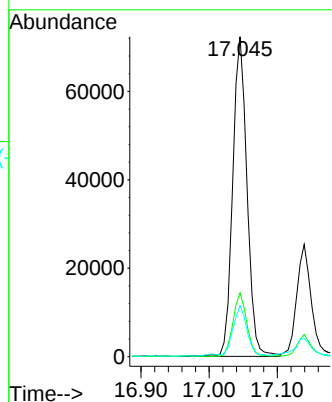
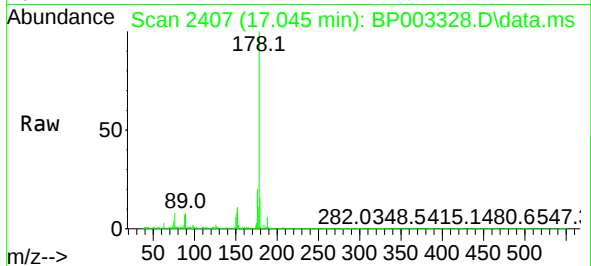




#71
Phenanthrene
Concen: 2.07 ng
RT: 17.045 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BP003328.D
Acq: 18 Sep 2020 18:49

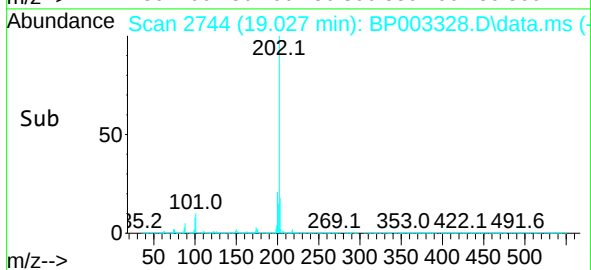
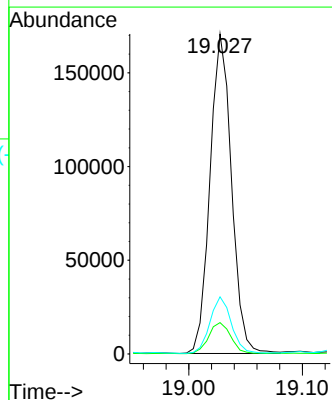
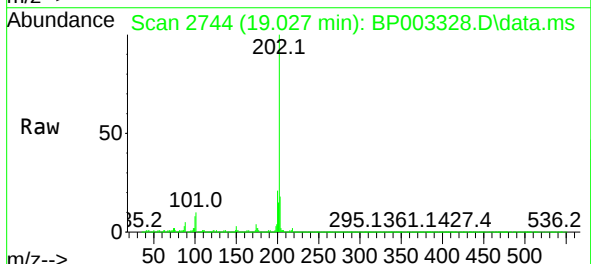
Instrument :
BNA_P
ClientSampleId :
EROC-CF-2

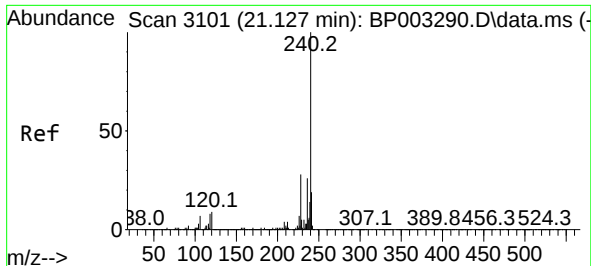
Tgt Ion:178 Resp: 105686
Ion Ratio Lower Upper
178 100
176 20.0 15.3 22.9
179 15.9 12.5 18.7



#75
Fluoranthene
Concen: 3.50 ng
RT: 19.027 min Scan# 2744
Delta R.T. -0.000 min
Lab File: BP003328.D
Acq: 18 Sep 2020 18:49

Tgt Ion:202 Resp: 224067
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.4
203 17.9 0.0 37.8

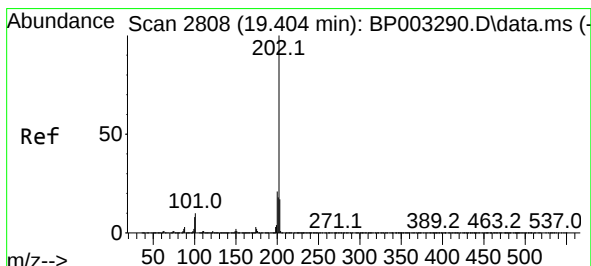
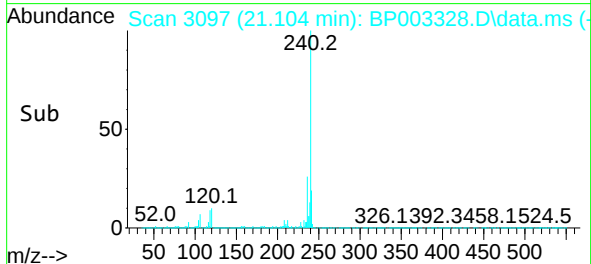
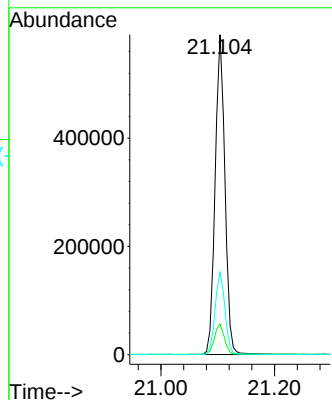
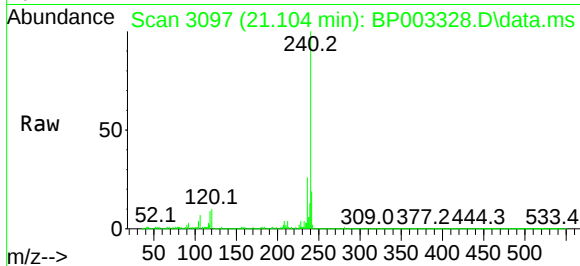




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.104 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BP003328.D
Acq: 18 Sep 2020 18:49

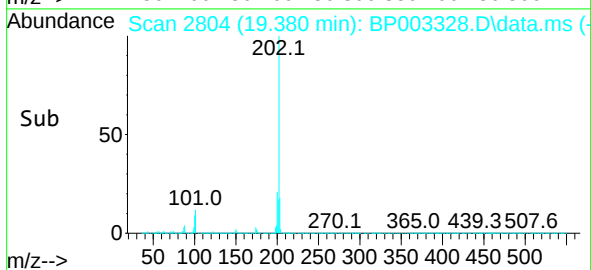
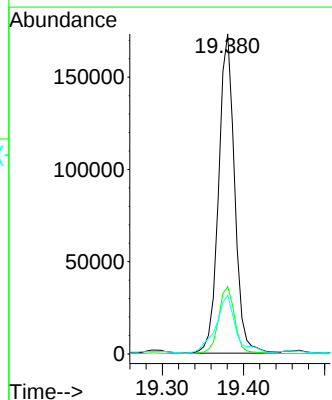
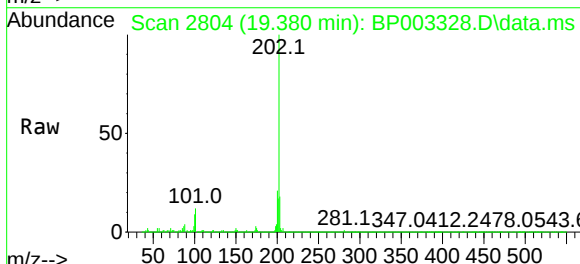
Instrument :
BNA_P
ClientSampleId :
EROC-CF-2

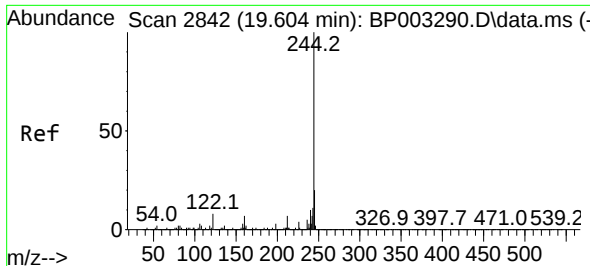
Tgt Ion:240 Resp: 703714
Ion Ratio Lower Upper
240 100
120 9.6 7.8 11.6
236 25.7 20.8 31.2



#78
Pyrene
Concen: 5.41 ng
RT: 19.380 min Scan# 2804
Delta R.T. -0.000 min
Lab File: BP003328.D
Acq: 18 Sep 2020 18:49

Tgt Ion:202 Resp: 237409
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 18.3 14.2 21.2

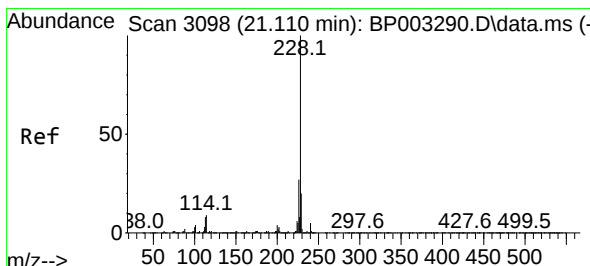
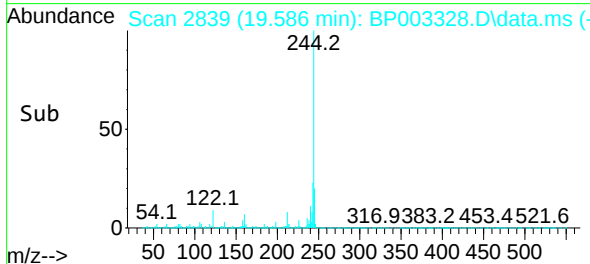
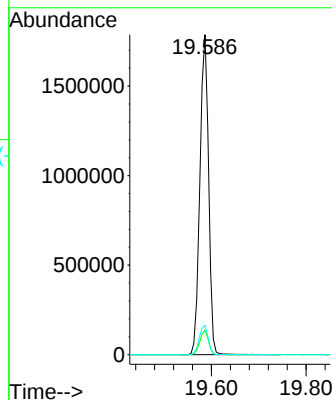
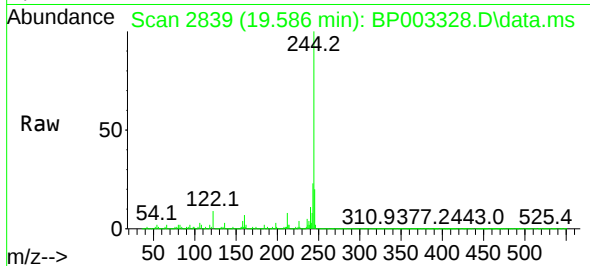




#79
 Terphenyl-d14
 Concen: 67.14 ng
 RT: 19.586 min Scan# 2839
 Delta R.T. 0.006 min
 Lab File: BP003328.D
 Acq: 18 Sep 2020 18:49

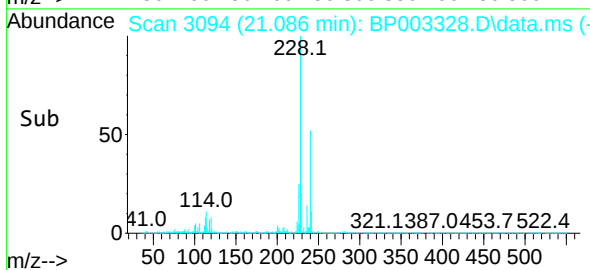
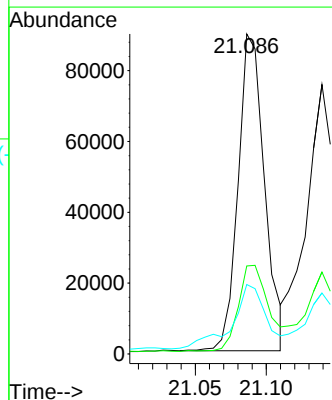
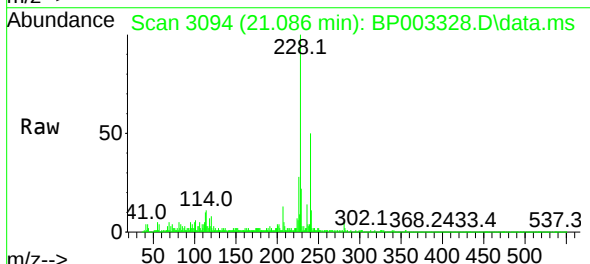
Instrument :
 BNA_P
 ClientSampleId :
 EROC-CF-2

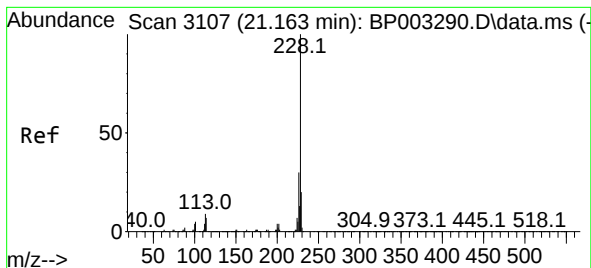
Tgt Ion:244 Resp: 2267649
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 9.1 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 2.55 ng
 RT: 21.086 min Scan# 3094
 Delta R.T. -0.000 min
 Lab File: BP003328.D
 Acq: 18 Sep 2020 18:49

Tgt Ion:228 Resp: 116084
 Ion Ratio Lower Upper
 228 100
 226 27.5 22.1 33.1
 229 21.7 15.9 23.9





#83

Chrysene

Concen: 2.47 ng

RT: 21.139 min Scan# 3103

Delta R.T. -0.000 min

Lab File: BP003328.D

Acq: 18 Sep 2020 18:49

Tgt Ion:228 Resp: 108137

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

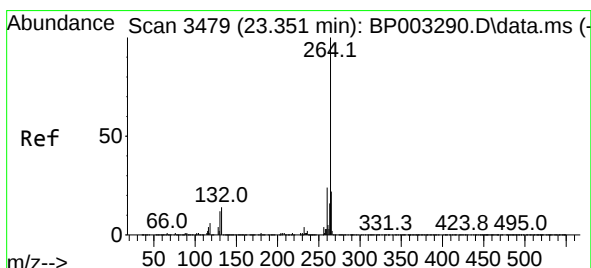
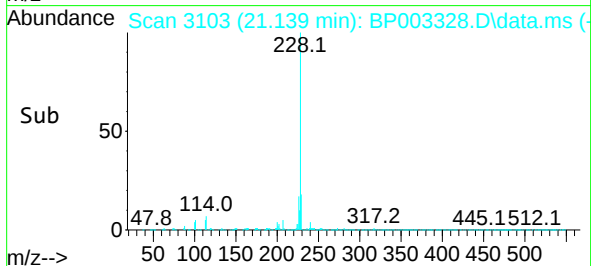
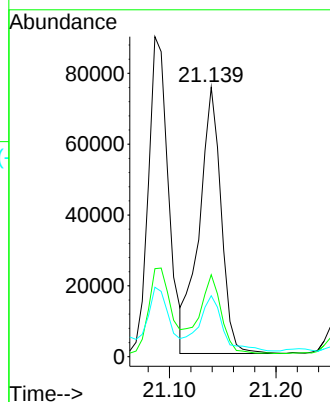
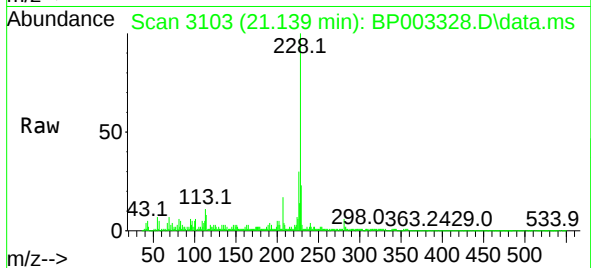
229 22.6 15.8 23.6

Instrument :

BNA_P

ClientSampleId :

EROC-CF-2



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.321 min Scan# 3474

Delta R.T. 0.006 min

Lab File: BP003328.D

Acq: 18 Sep 2020 18:49

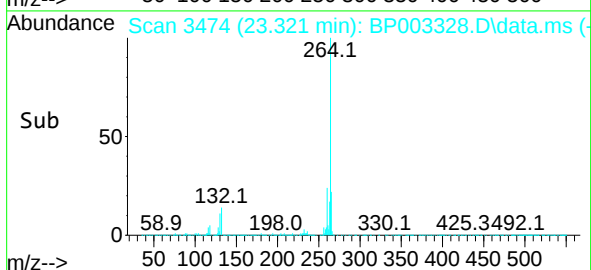
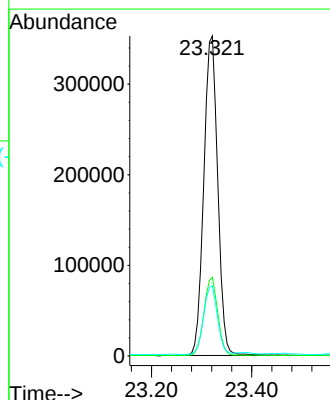
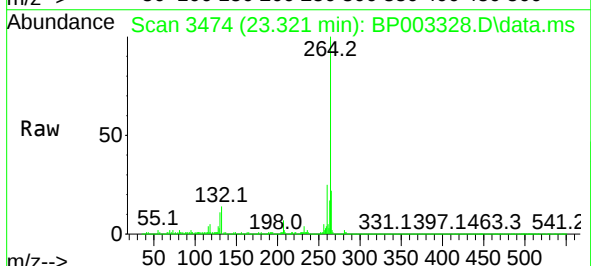
Tgt Ion:264 Resp: 681904

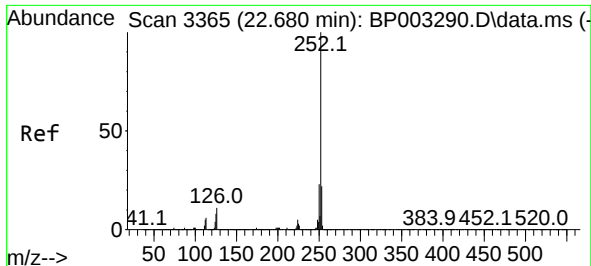
Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 21.9 17.4 26.2

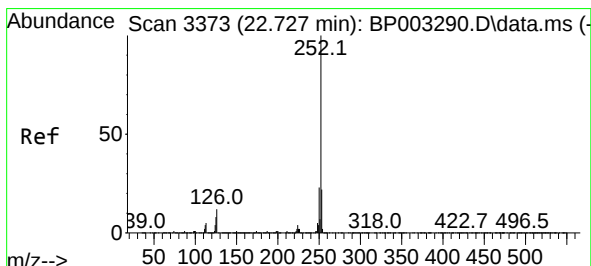
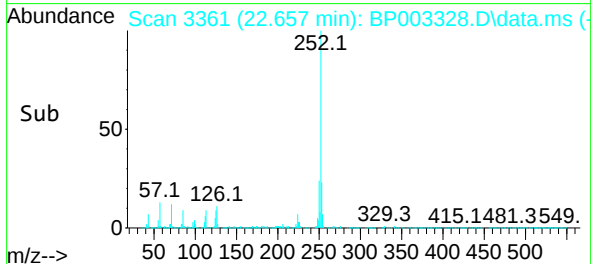
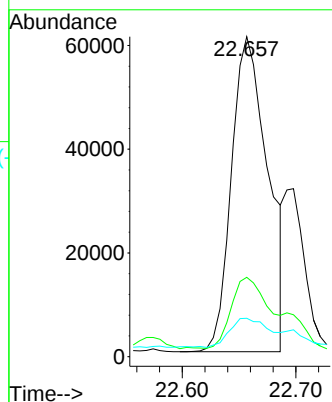
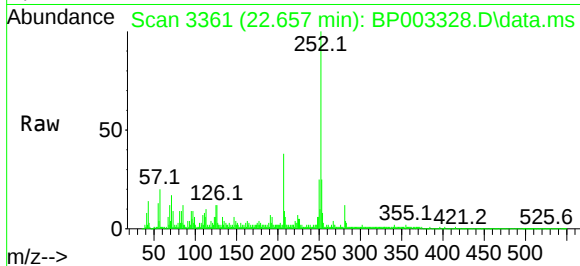




#88
Benzo(b)fluoranthene
Concen: 3.15 ng
RT: 22.657 min Scan# 3361
Delta R.T. 0.006 min
Lab File: BP003328.D
Acq: 18 Sep 2020 18:49

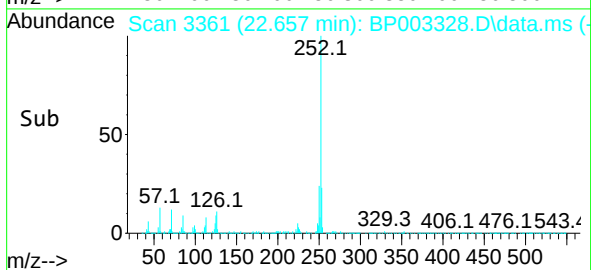
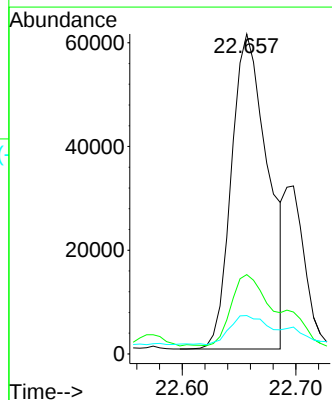
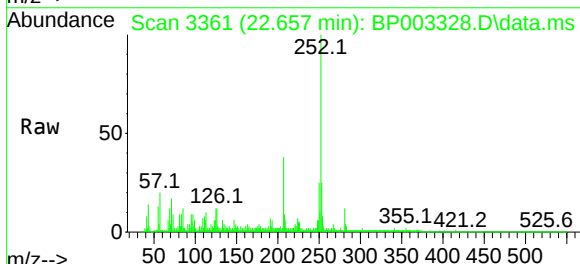
Instrument :
BNA_P
ClientSampleId :
EROC-CF-2

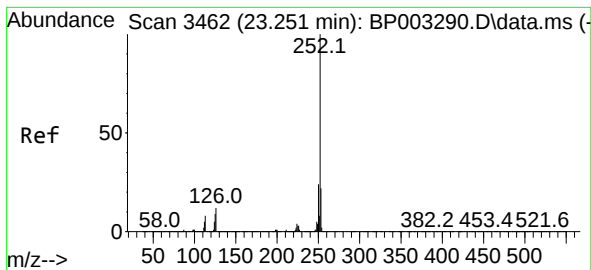
Tgt Ion:252 Resp: 135493
Ion Ratio Lower Upper
252 100
253 24.8 17.6 26.4
125 12.0 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 3.28 ng
RT: 22.657 min Scan# 3361
Delta R.T. -0.035 min
Lab File: BP003328.D
Acq: 18 Sep 2020 18:49

Tgt Ion:252 Resp: 135493
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.8
125 12.0 7.4 11.2#





#90

Benzo(a)pyrene

Concen: 2.53 ng

RT: 23.221 min Scan# 3457

Delta R.T. -0.000 min

Lab File: BP003328.D

Acq: 18 Sep 2020 18:49

Tgt Ion:252 Resp: 102648

Ion Ratio Lower Upper

252 100

253 23.6 17.4 26.0

125 11.7 8.2 12.4

Instrument :

BNA_P

ClientSampleId :

EROC-CF-2

