

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
 Data File : BP004051.D
 Acq On : 21 Nov 2020 22:38
 Operator : CG/JU
 Sample : L4856-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OUTFALL-SED-RE

Quant Time: Nov 23 05:02:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 03:48:44 2020
 Response via : Initial Calibration

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

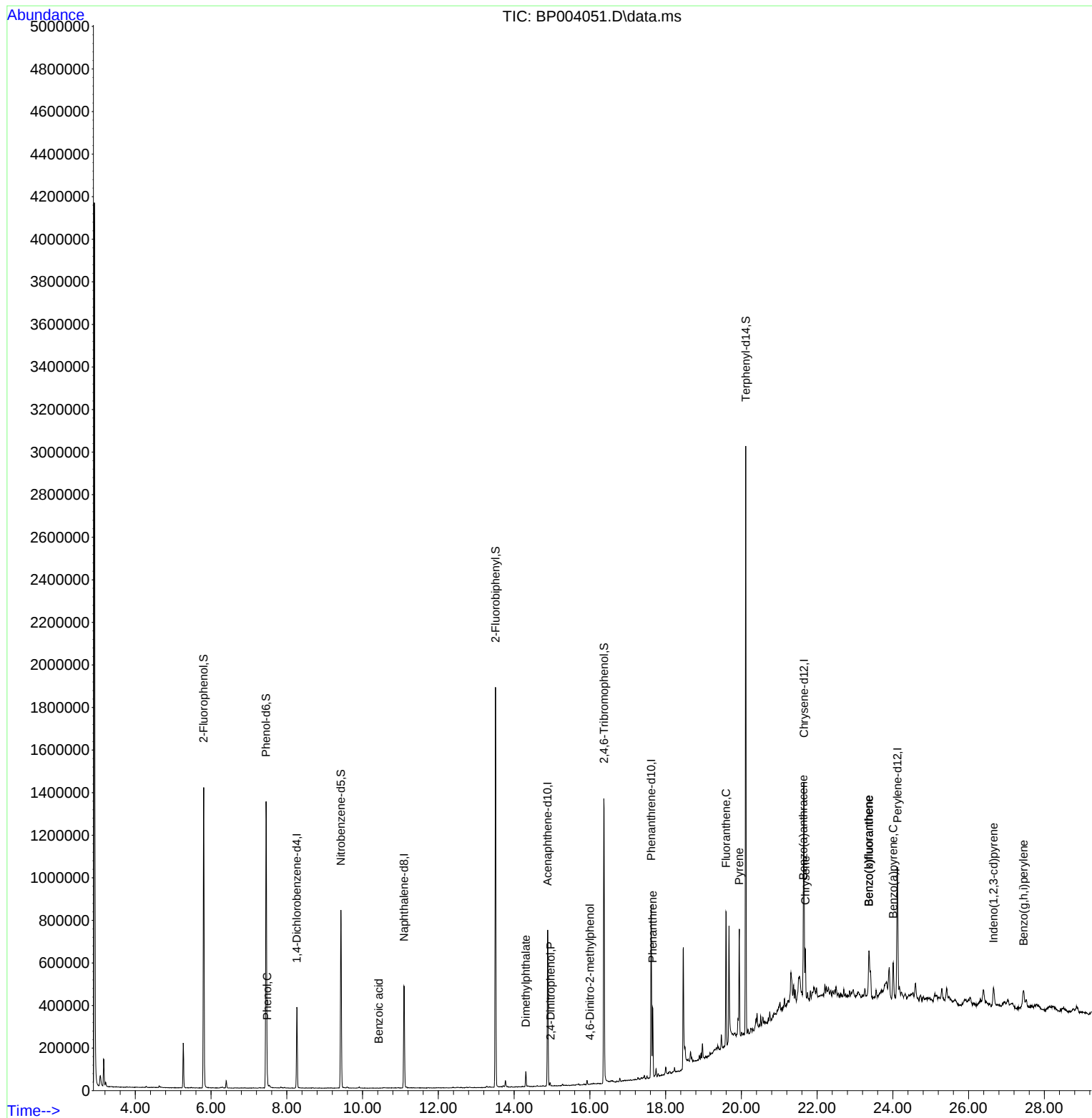
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.263	152	102642	20.00	ng	-0.03
21) Naphthalene-d8	11.093	136	393600	20.00	ng	#-0.04
39) Acenaphthene-d10	14.887	164	244167	20.00	ng	-0.02
64) Phenanthrene-d10	17.622	188	500912	20.00	ng	-0.01
76) Chrysene-d12	21.651	240	463089	20.00	ng	0.00
86) Perylene-d12	24.121	264	494168	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	585725	95.24	ng	0.00
7) Phenol-d6	7.452	99	746080	84.51	ng	0.00
23) Nitrobenzene-d5	9.428	82	467202	58.13	ng	-0.03
42) 2,4,6-Tribromophenol	16.375	330	262841	86.07	ng	-0.01
45) 2-Fluorobiphenyl	13.510	172	953766	54.61	ng	-0.02
79) Terphenyl-d14	20.116	244	1114869	46.51	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.387	77	449	Below Cal	#	46
10) Phenol	7.481	94	26648	3.13	ng	76
32) Benzoic acid	10.428	122	16	8.31	ng	# 1
50) Dimethylphthalate	14.310	163	45097	2.36	ng	100
54) 2,4-Dinitrophenol	14.963	184	24	2.75	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.004	198	15	6.35	ng	# 1
71) Phenanthrene	17.657	178	195742	6.96	ng	98
75) Fluoranthene	19.598	202	389059	11.99	ng	99
78) Pyrene	19.945	202	307302	9.78	ng	98
81) Benzo(a)anthracene	21.633	228	131974	4.32	ng	98
83) Chrysene	21.692	228	158551	5.40	ng	96
87) Indeno(1,2,3-cd)pyrene	26.656	276	96618	2.71	ng	# 95
88) Benzo(b)fluoranthene	23.368	252	269920	8.35	ng	# 98
89) Benzo(k)fluoranthene	23.368	252	269920	8.45	ng	98
90) Benzo(a)pyrene	24.010	252	125895	4.21	ng	97
92) Benzo(g,h,i)perylene	27.451	276	97555	3.39	ng	98

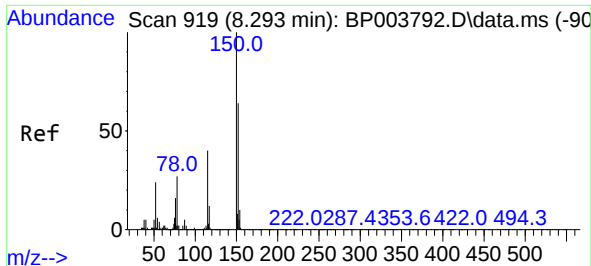
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
Data File : BP004051.D
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Sample : L4856-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Nov 23 05:02:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 03:48:44 2020
Response via : Initial Calibration

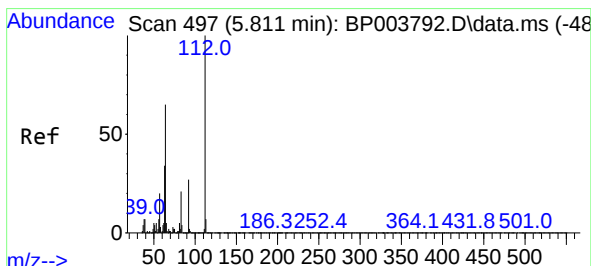
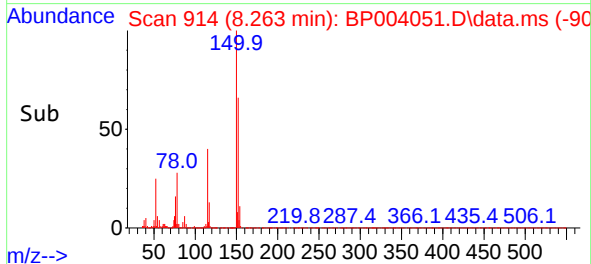
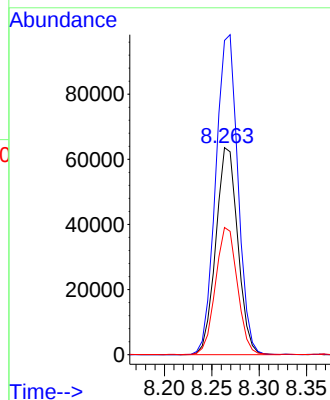
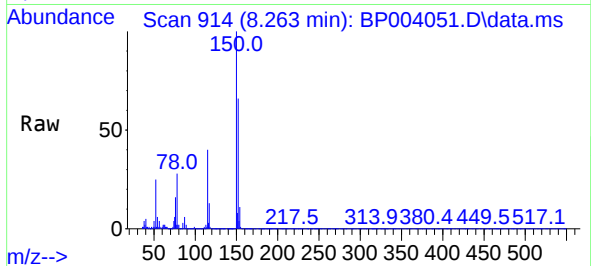




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.263 min Scan# 914
Delta R.T. -0.030 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

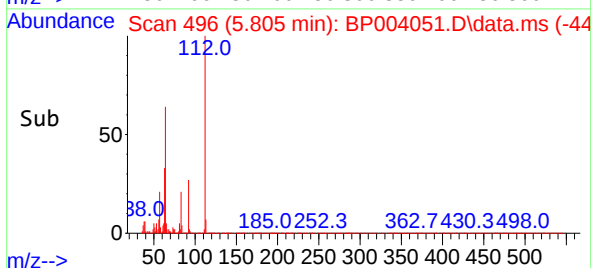
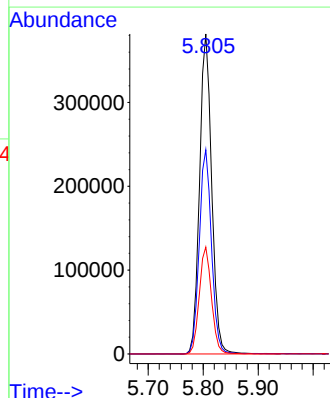
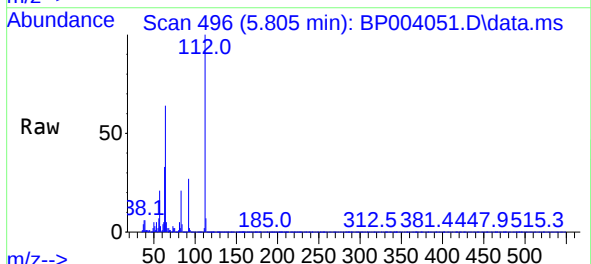
Instrument :
BNA_P
ClientSampleId :
OUTFALL-SED-RE

Tgt Ion:152 Resp: 102642
Ion Ratio Lower Upper
152 100
150 151.8 123.8 185.6
115 61.4 43.8 65.6



#5
2-Fluorophenol
Concen: 95.24 ng
RT: 5.805 min Scan# 496
Delta R.T. -0.006 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

Tgt Ion:112 Resp: 585725
Ion Ratio Lower Upper
112 100
64 63.8 32.8 49.2#
63 33.4 17.0 25.4#

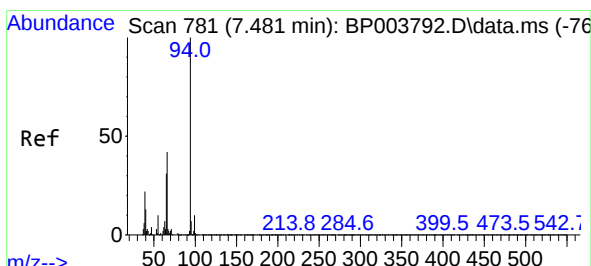
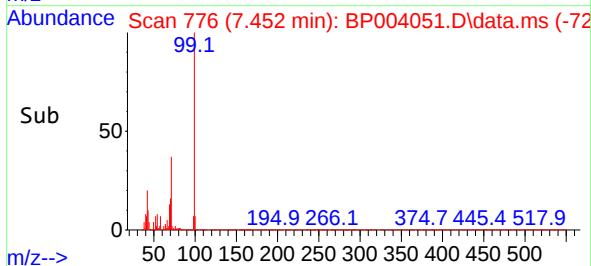
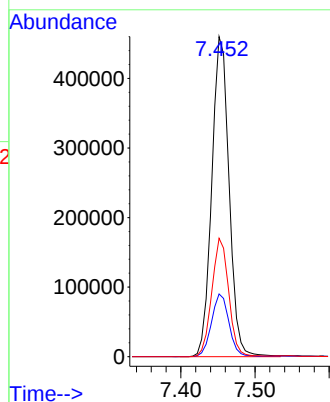
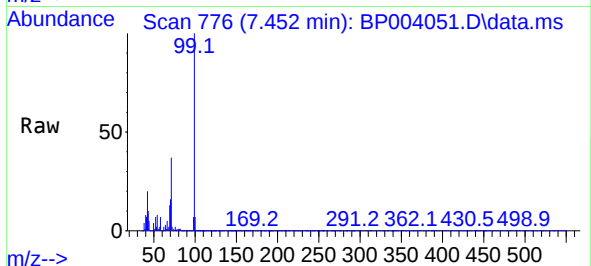




#7
Phenol-d6
Concen: 84.51 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.006 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

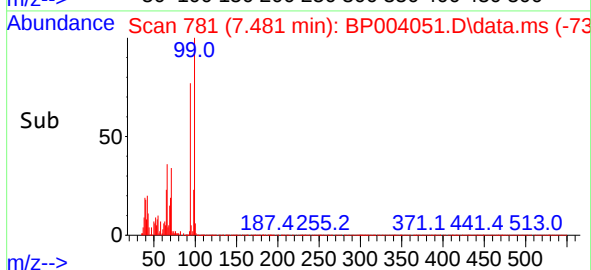
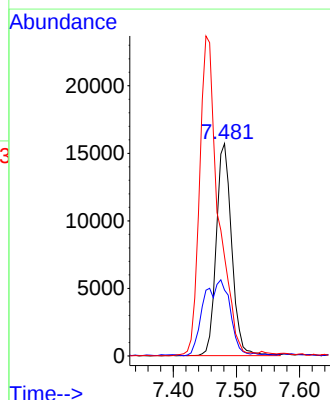
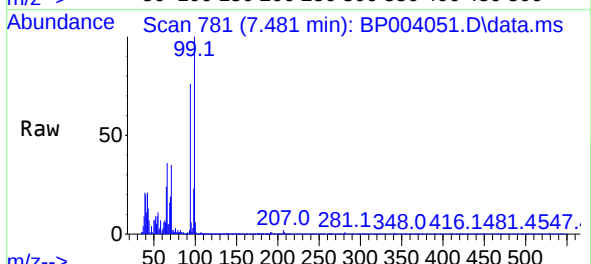
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ClientSampleId :
OUTFALL-SED-RE

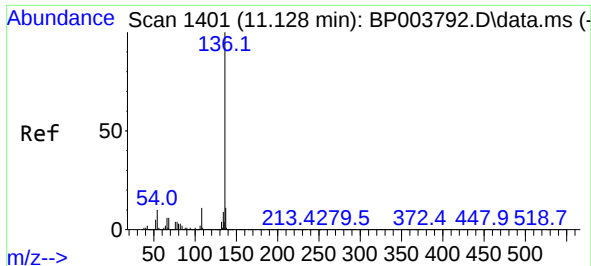
Tgt Ion: 99 Resp: 746080
Ion Ratio Lower Upper
99 100
42 19.6 8.6 13.0#
71 37.0 23.4 35.2#



#10
Phenol
Concen: 3.13 ng
RT: 7.481 min Scan# 781
Delta R.T. -0.000 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

Tgt Ion: 94 Resp: 26648
Ion Ratio Lower Upper
94 100
65 31.1 2.3 42.3
66 46.8 10.9 50.9

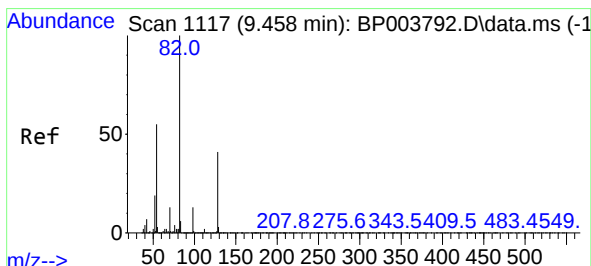
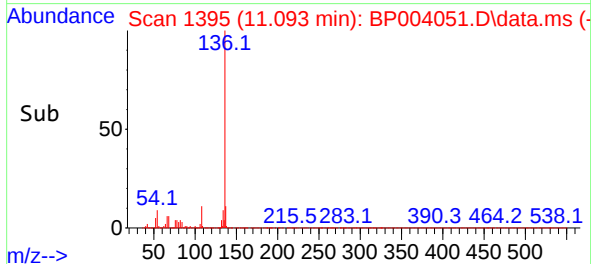
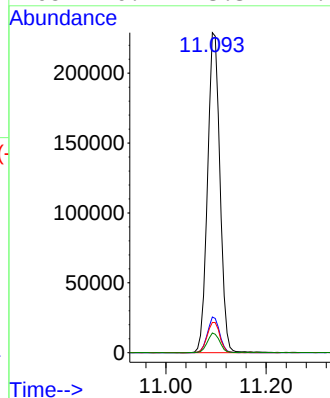
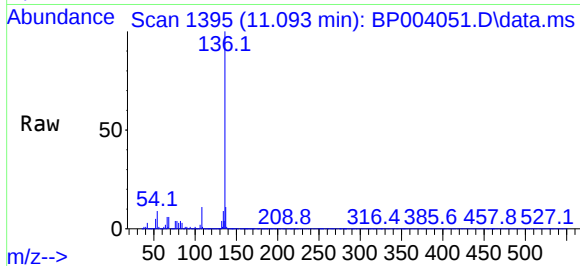




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.093 min Scan# 1395
Delta R.T. -0.035 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

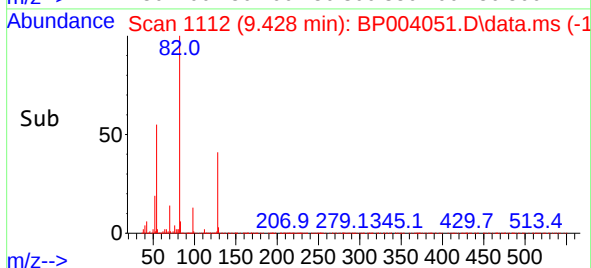
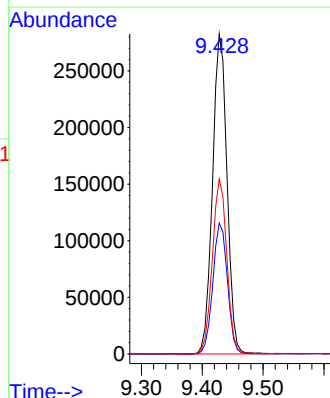
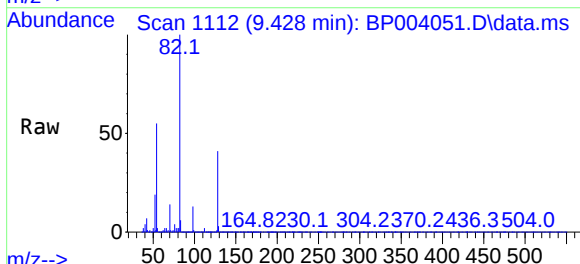
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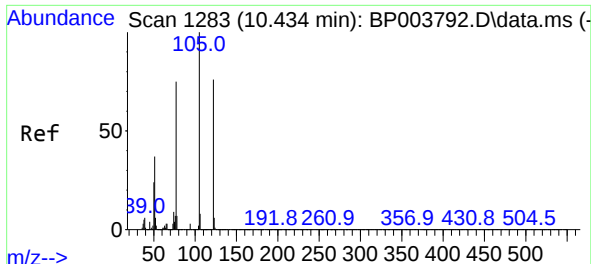
Tgt Ion:	136	Resp:	393600
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	9.5	3.6	5.4#
68	6.2	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 58.13 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.030 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

Tgt Ion:	82	Resp:	467202
Ion	Ratio	Lower	Upper
82	100		
128	40.9	45.6	68.4#
54	54.7	30.1	45.1#

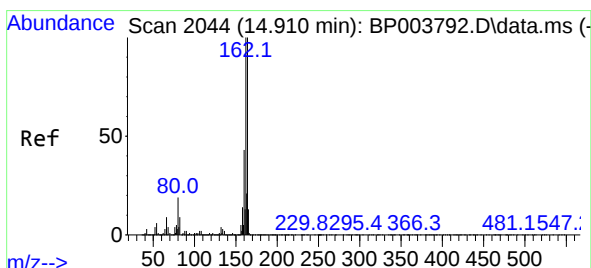
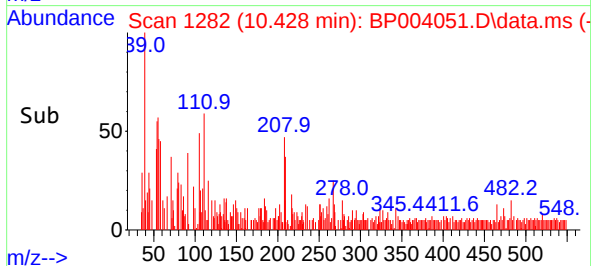
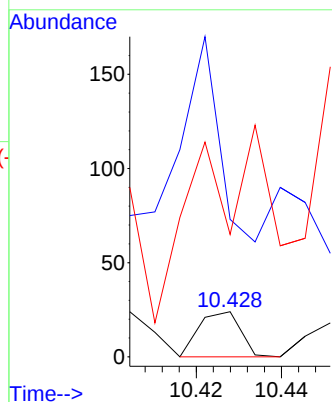
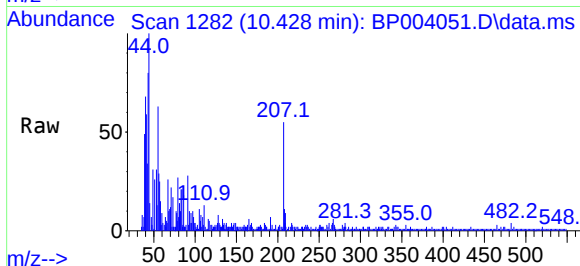




#32
Benzoic acid
Concen: 8.31 ng
RT: 10.428 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

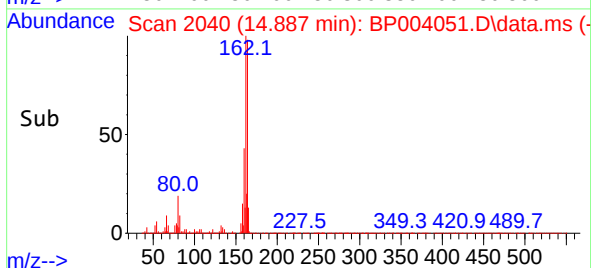
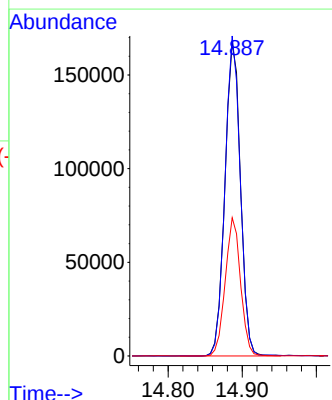
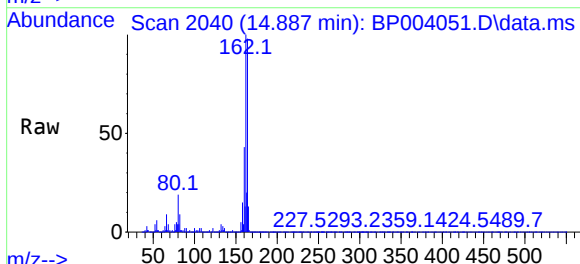
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OUTFALL-SED-RE

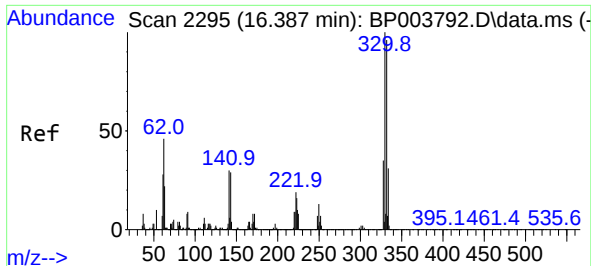
Tgt Ion:	122	Resp:	16
Ion	Ratio	Lower	Upper
122	100		
105	304.2	94.1	134.1#
77	270.8	50.1	90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.024 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

Tgt Ion:	164	Resp:	244167
Ion	Ratio	Lower	Upper
164	100		
162	102.1	79.4	119.2
160	44.1	36.1	54.1

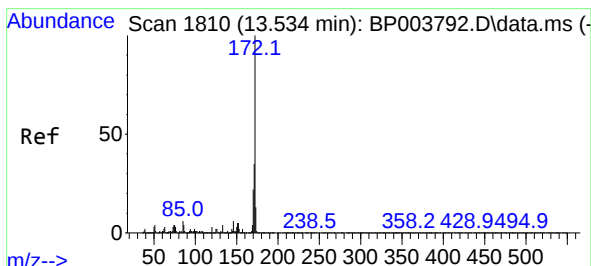
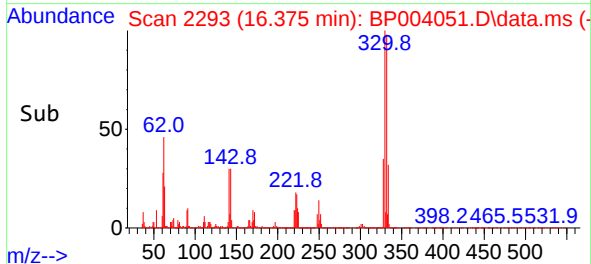
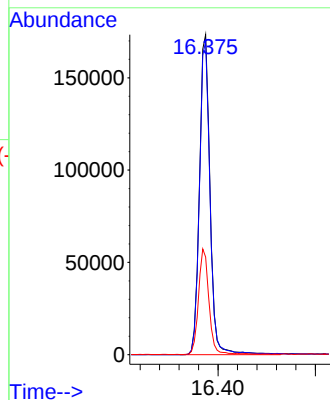
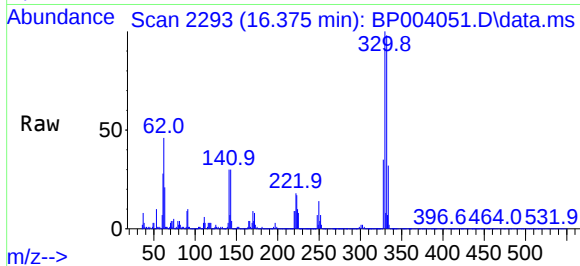




#42
2,4,6-Tribromophenol
Concen: 86.07 ng
RT: 16.375 min Scan# 2293
Delta R.T. -0.012 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

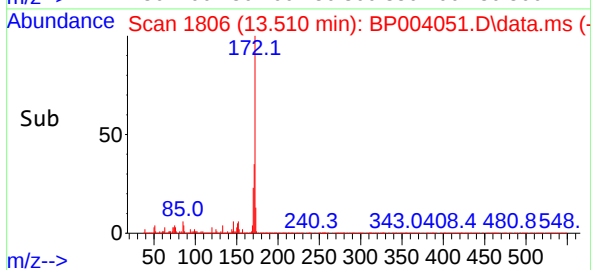
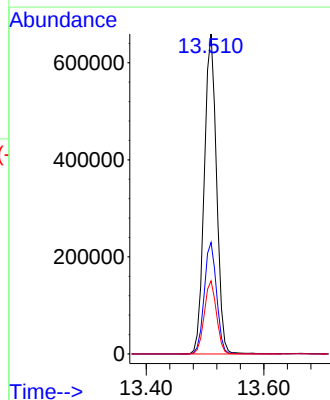
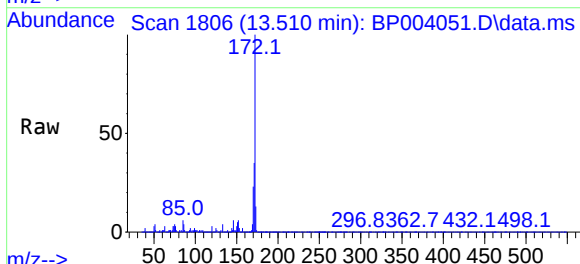
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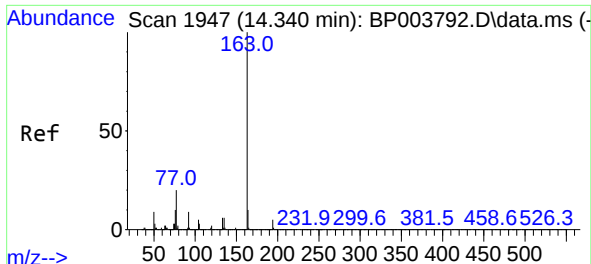
Tgt Ion:330 Resp: 262841
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 32.4 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 54.61 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.024 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

Tgt Ion:172 Resp: 953766
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.9 19.2 28.8

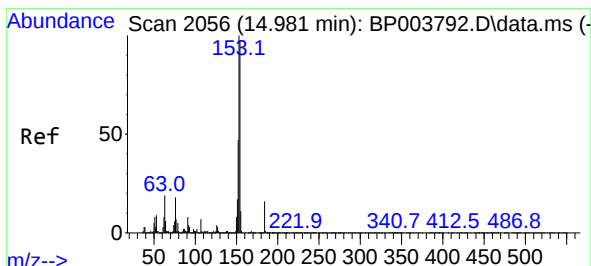
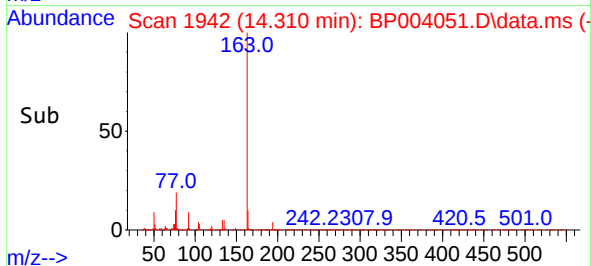
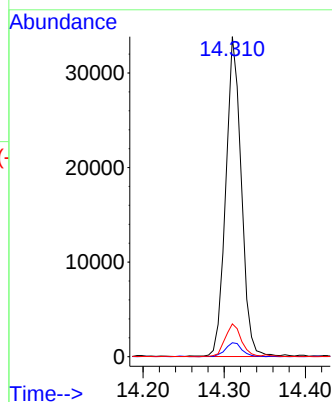
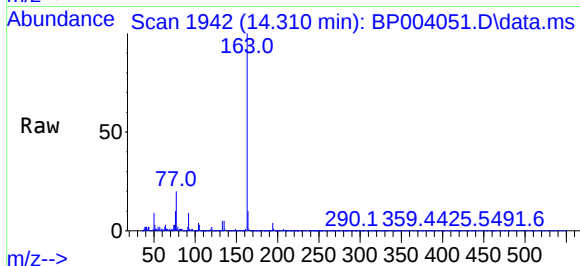




#50
Dimethylphthalate
Concen: 2.36 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.030 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

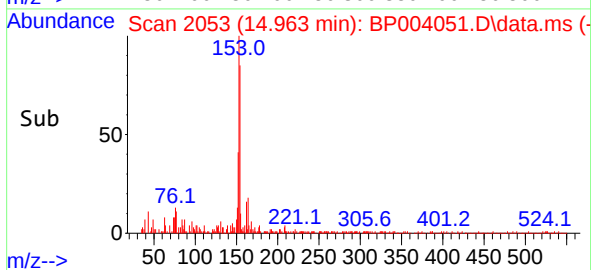
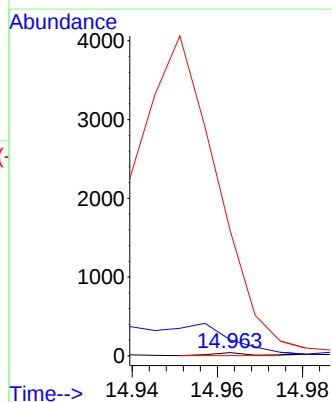
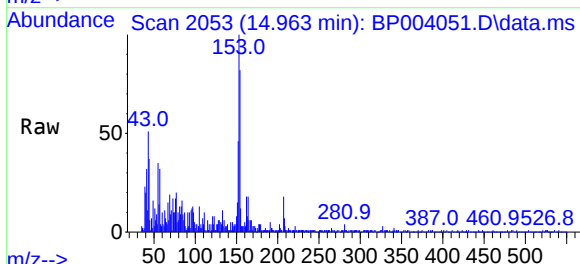
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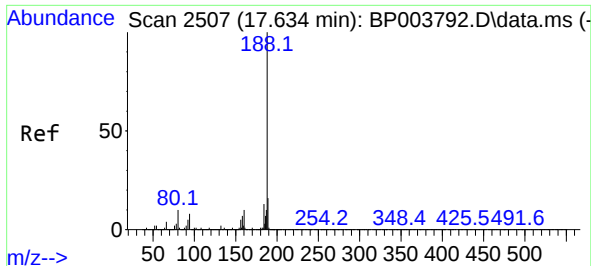
Tgt Ion:163 Resp: 45097
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.3 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 14.963 min Scan# 2053
Delta R.T. -0.018 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 490.5 32.3 48.5#
154 3788.1 49.1 73.7#

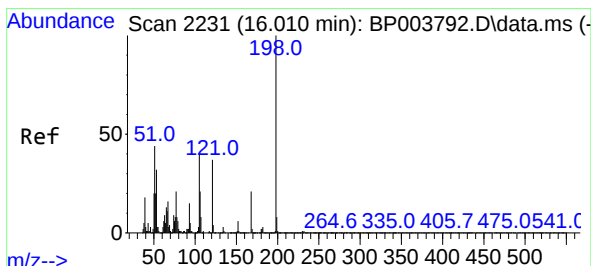
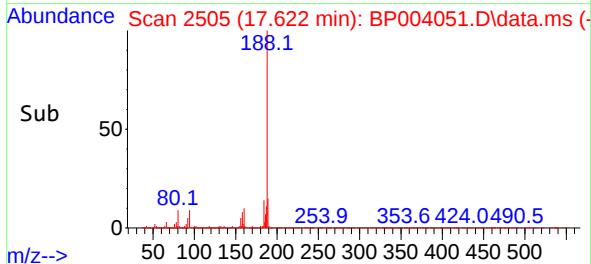
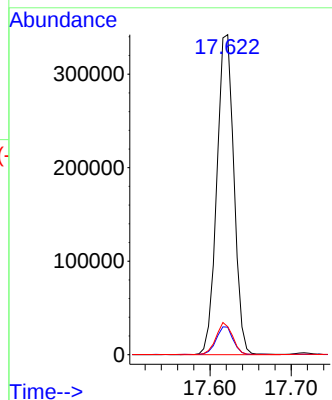
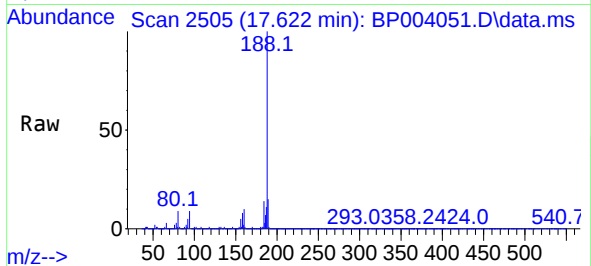




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. -0.012 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

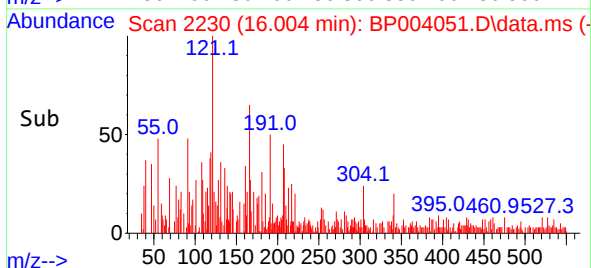
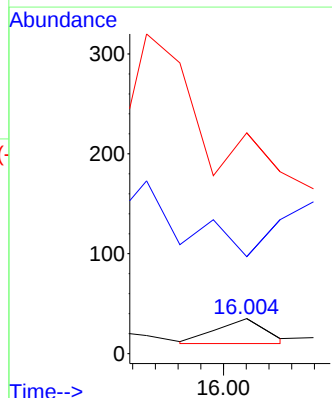
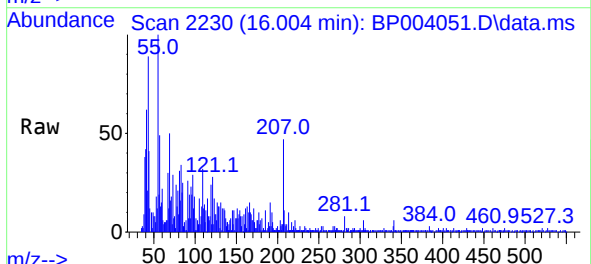
Instrument :
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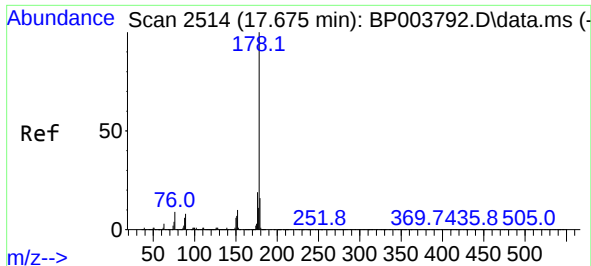
Tgt Ion:188	Resp:	500912
Ion Ratio	Lower	Upper
188	100	
94	8.6	6.2 9.2
80	8.8	6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.004 min Scan# 2230
Delta R.T. -0.006 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

Tgt Ion:198	Resp:	15
Ion Ratio	Lower	Upper
198	100	
51	277.1	6.4 46.4#
105	631.4	18.9 58.9#

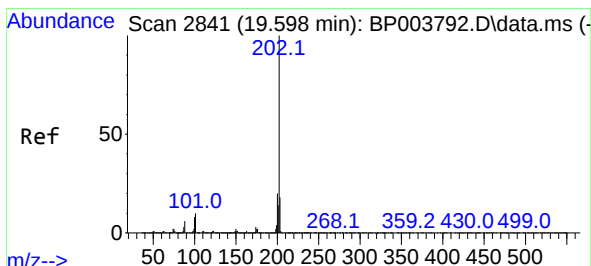
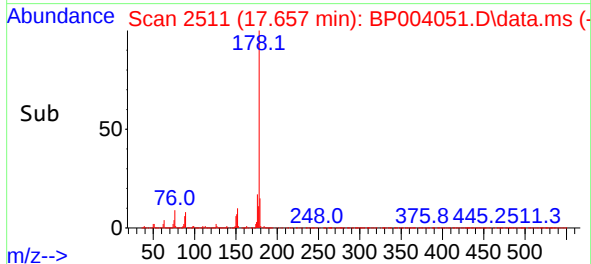
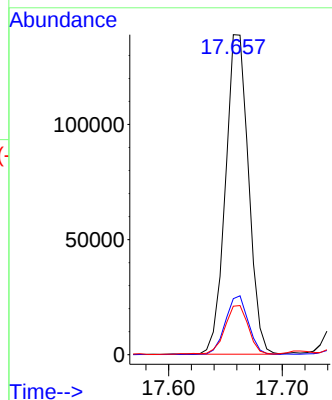
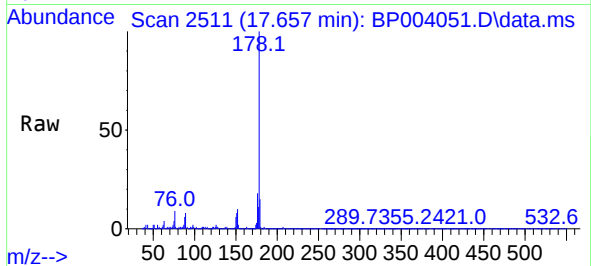




#71
Phenanthrene
Concen: 6.96 ng
RT: 17.657 min Scan# 2511
Delta R.T. -0.018 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

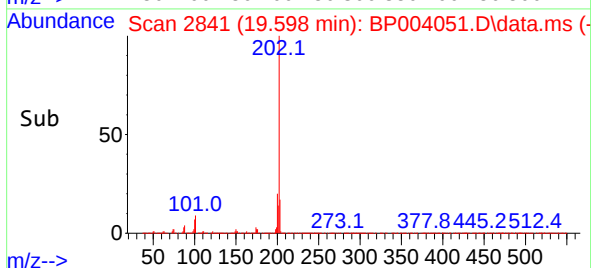
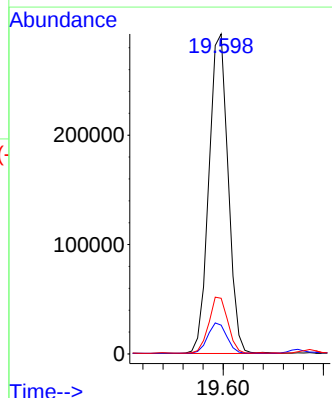
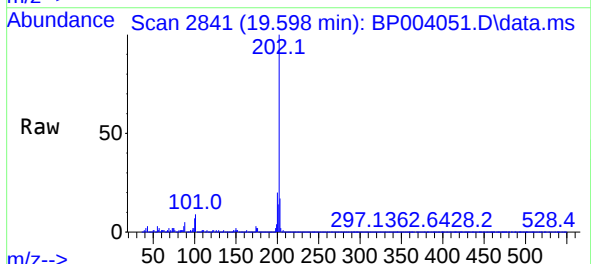
Instrument :
BNA_P
ClientSampleId :
OUTFALL-SED-RE

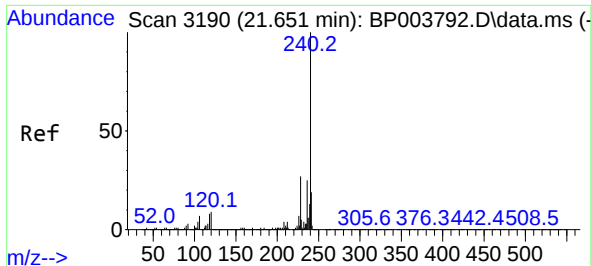
Tgt Ion:178 Resp: 195742
Ion Ratio Lower Upper
178 100
176 17.5 15.3 22.9
179 15.1 12.5 18.7



#75
Fluoranthene
Concen: 11.99 ng
RT: 19.598 min Scan# 2841
Delta R.T. -0.000 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

Tgt Ion:202 Resp: 389059
Ion Ratio Lower Upper
202 100
101 9.0 0.0 29.4
203 17.4 0.0 37.8

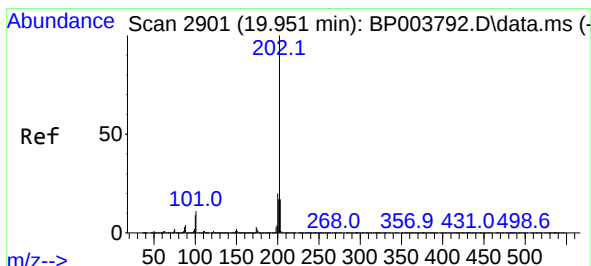
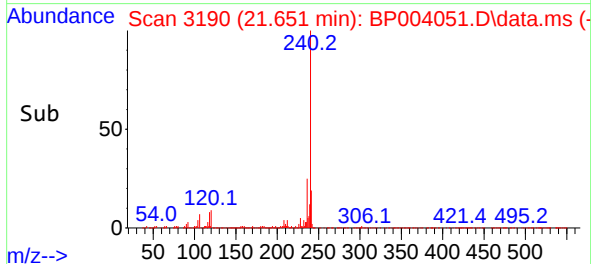
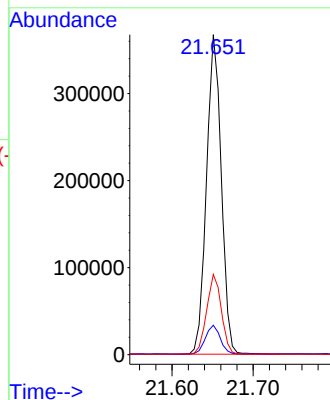
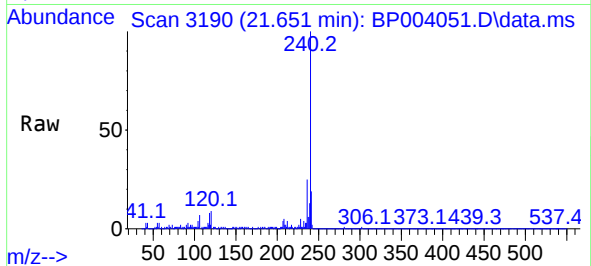




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.651 min Scan# 3190
Delta R.T. -0.000 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

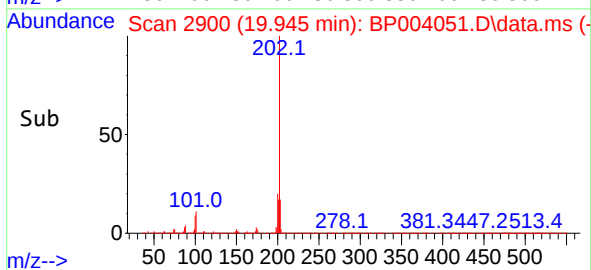
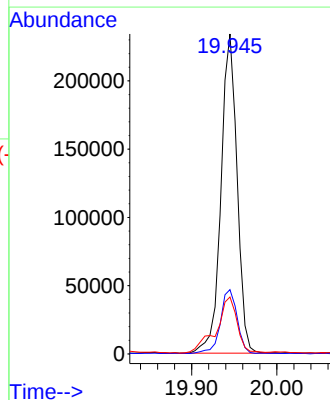
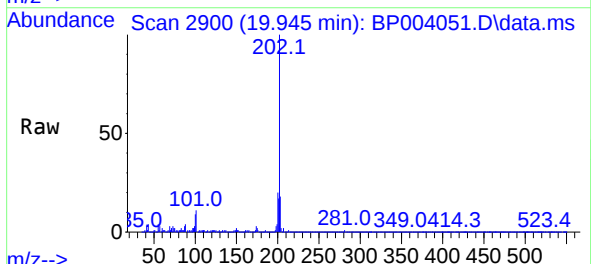
Instrument :
BNA_P
ClientSampleId :
OUTFALL-SED-RE

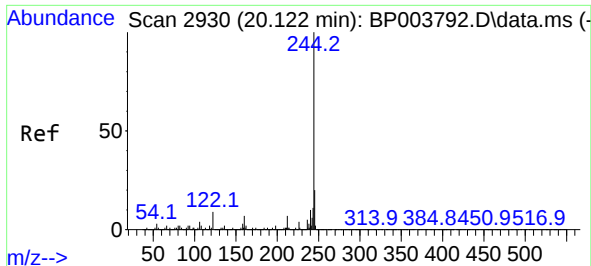
Tgt Ion:240 Resp: 463089
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.6
236 25.1 20.8 31.2



#78
Pyrene
Concen: 9.78 ng
RT: 19.945 min Scan# 2900
Delta R.T. -0.006 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

Tgt Ion:202 Resp: 307302
Ion Ratio Lower Upper
202 100
200 20.1 17.1 25.7
203 17.8 14.2 21.2

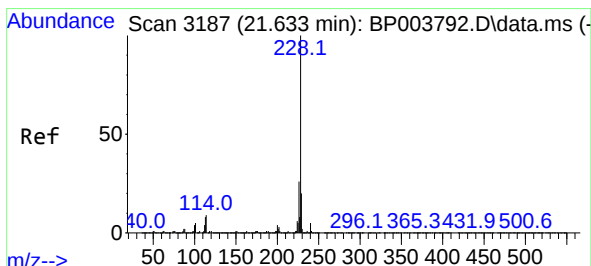
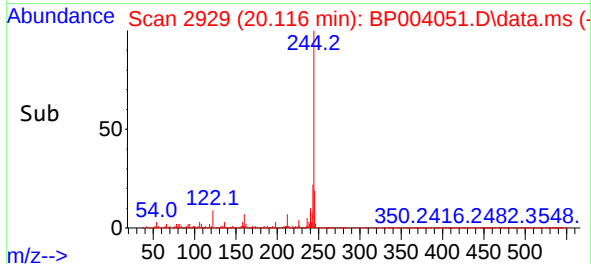
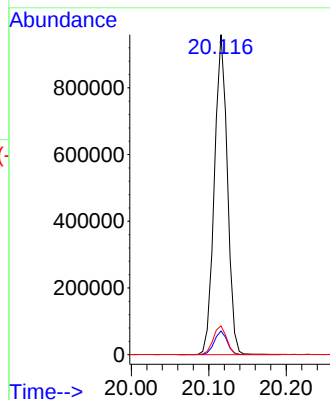
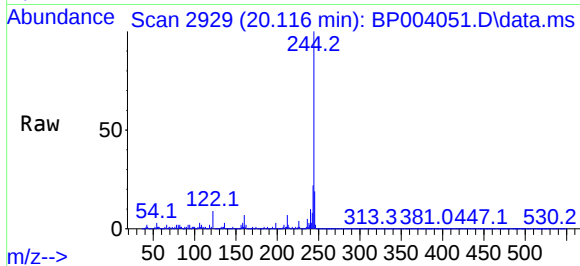




#79
Terphenyl-d14
Concen: 46.51 ng
RT: 20.116 min Scan# 2929
Delta R.T. -0.006 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

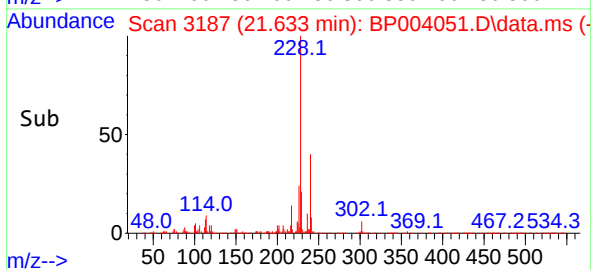
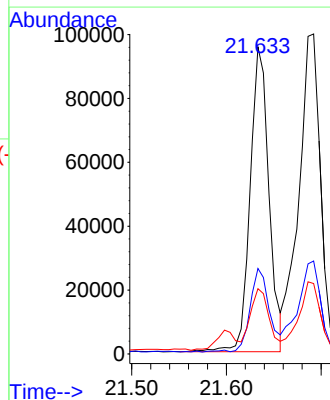
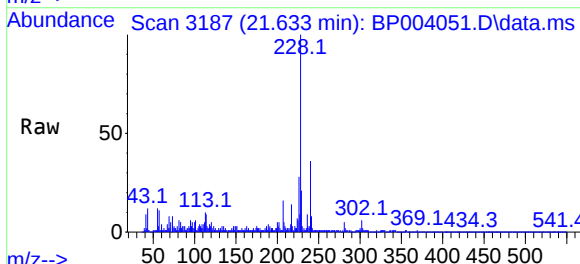
Instrument :
BNA_P
ClientSampleId :
OUTFALL-SED-RE

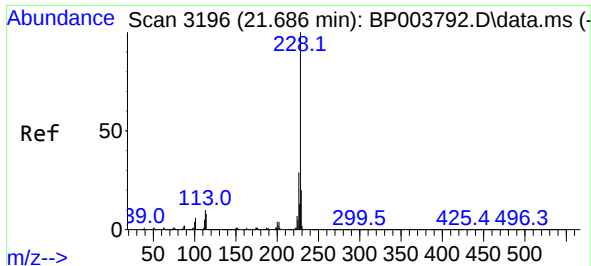
Tgt Ion:244 Resp: 1114869
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 9.0 7.8 11.8



#81
Benzo(a)anthracene
Concen: 4.32 ng
RT: 21.633 min Scan# 3187
Delta R.T. -0.000 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

Tgt Ion:228 Resp: 131974
Ion Ratio Lower Upper
228 100
226 27.8 22.1 33.1
229 21.3 15.9 23.9

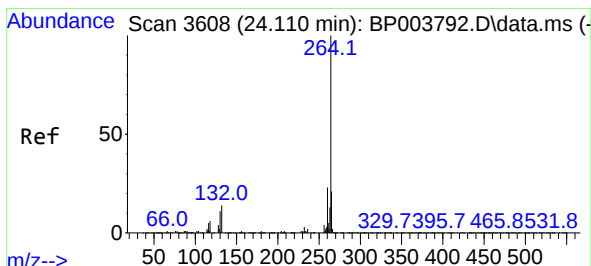
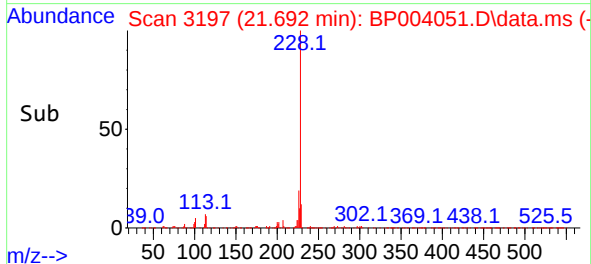
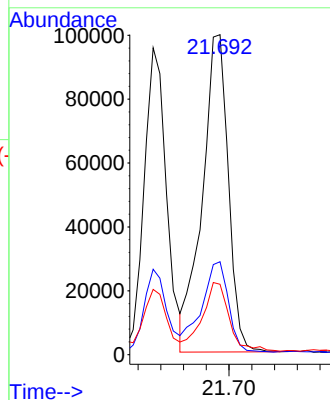
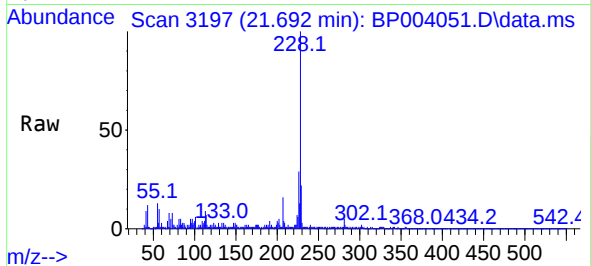




#83
Chrysene
Concen: 5.40 ng
RT: 21.692 min Scan# 3197
Delta R.T. 0.006 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

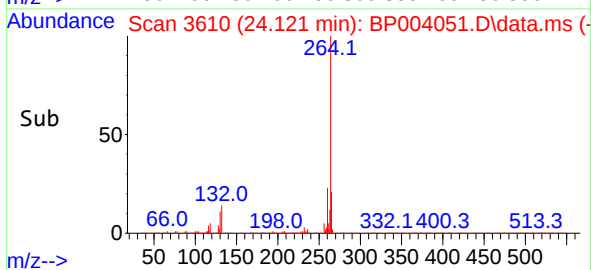
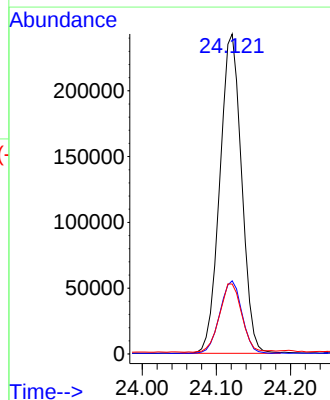
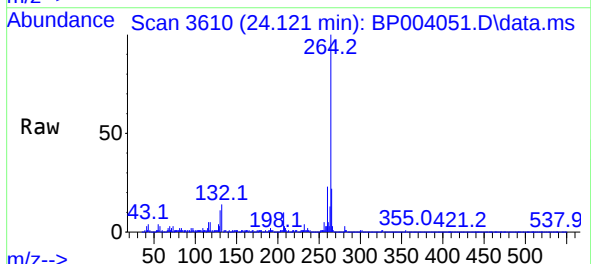
Instrument :
BNA_P
ClientSampleId :
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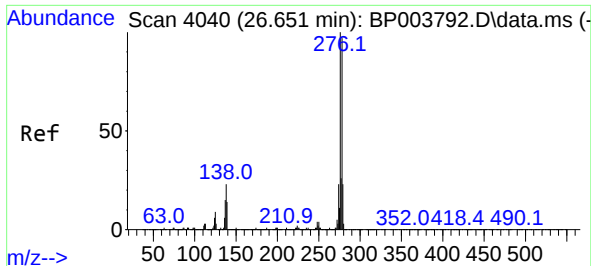
Tgt Ion:228	Resp: 158551
Ion Ratio	Lower Upper
228 100	
226 29.1	24.4 36.6
229 22.0	15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.121 min Scan# 3610
Delta R.T. 0.012 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

Tgt Ion:264	Resp: 494168
Ion Ratio	Lower Upper
264 100	
260 22.9	18.8 28.2
265 21.8	17.4 26.2

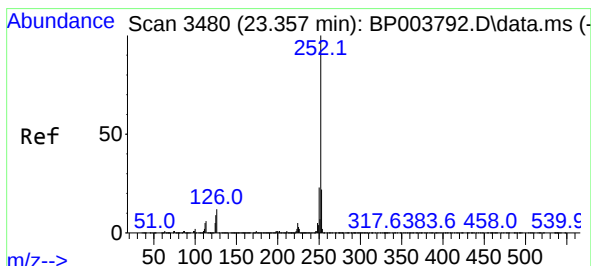
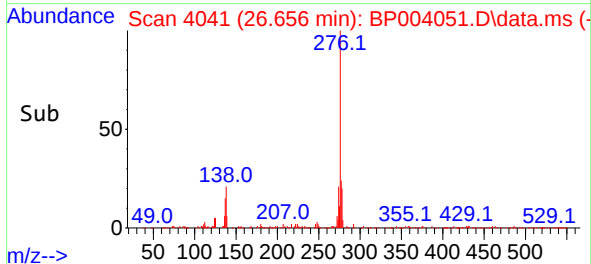
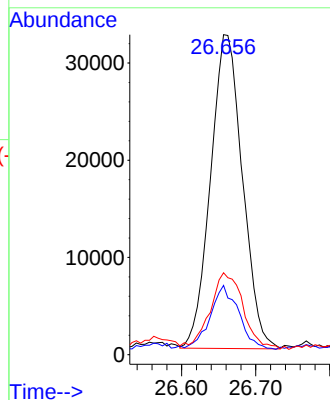
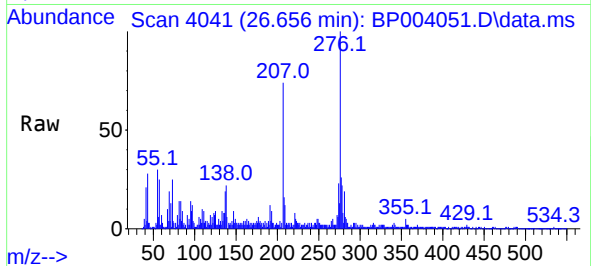




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.71 ng
RT: 26.656 min Scan# 4041
Delta R.T. 0.006 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

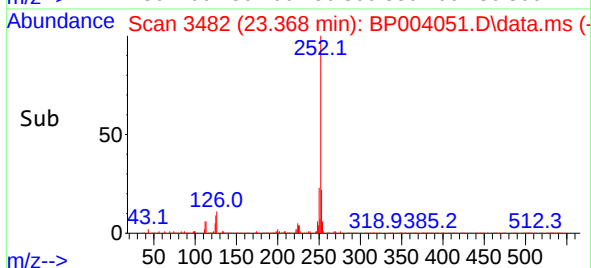
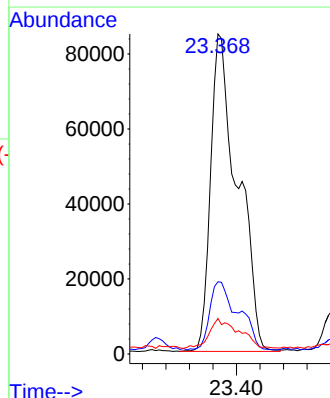
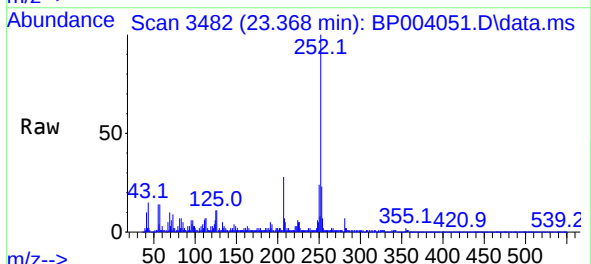
Instrument :
BNA_P
ClientSampleId :
OUTFALL-SED-RE

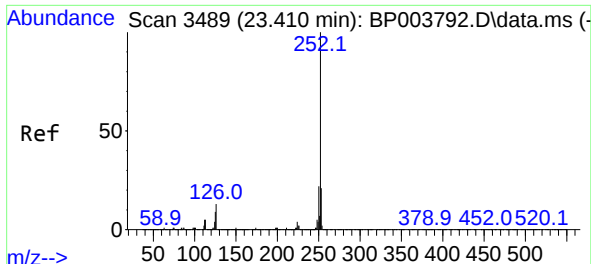
Tgt Ion:	276	Resp:	96618
Ion Ratio	Lower	Upper	
276	100		
138	18.5	18.7	28.1#
277	25.1	20.4	30.6



#88
Benzo(b)fluoranthene
Concen: 8.35 ng
RT: 23.368 min Scan# 3482
Delta R.T. 0.012 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

Tgt Ion:	252	Resp:	269920
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.6	26.4
125	11.1	7.3	10.9#

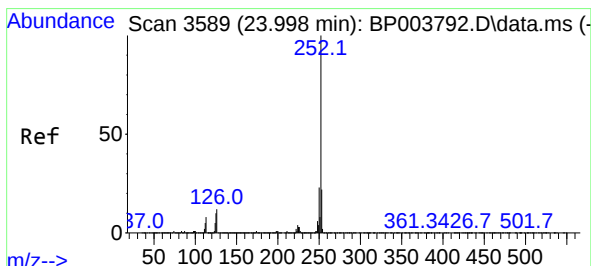
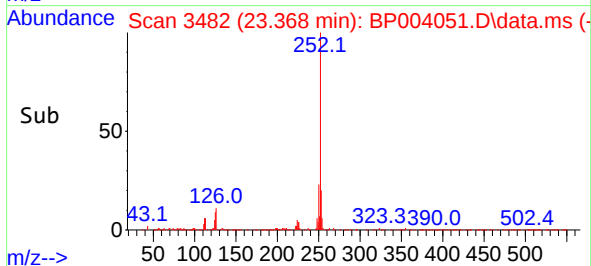
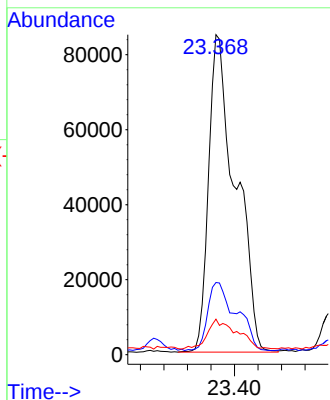
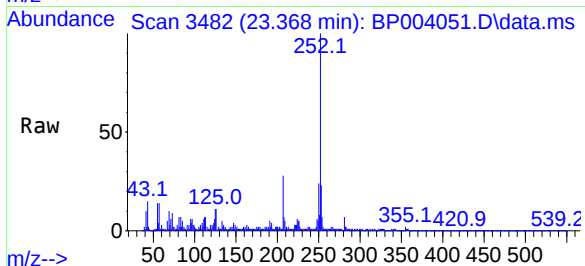




#89
Benzo(k)fluoranthene
Concen: 8.45 ng
RT: 23.368 min Scan# 3482
Delta R.T. -0.041 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

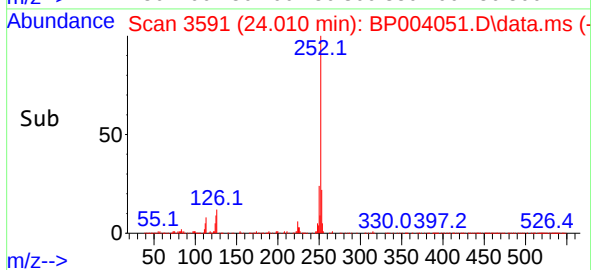
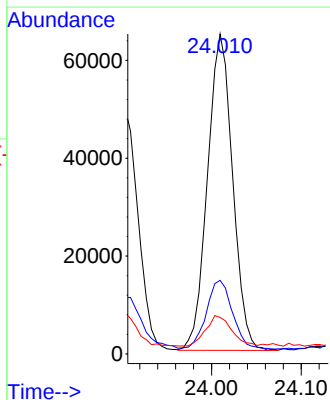
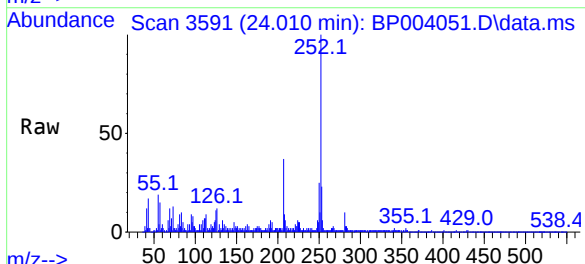
Instrument :
BNA_P
ClientSampleId :
OUTFALL-SED-RE

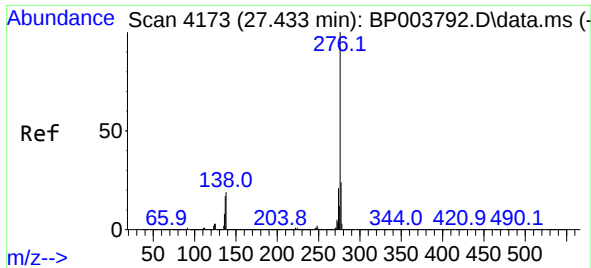
Tgt Ion:252 Resp: 269920
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.1 7.4 11.2



#90
Benzo(a)pyrene
Concen: 4.21 ng
RT: 24.010 min Scan# 3591
Delta R.T. 0.012 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

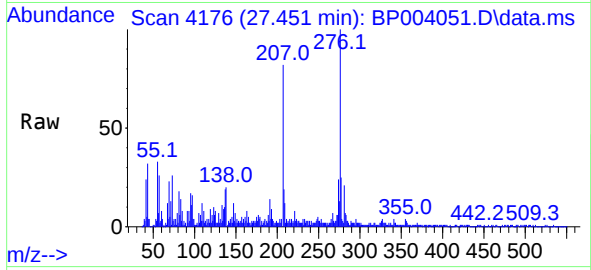
Tgt Ion:252 Resp: 125895
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 11.4 8.2 12.4





#92
Benzo(g,h,i)perylene
Concen: 3.39 ng
RT: 27.451 min Scan# 4176
Delta R.T. 0.017 min
Lab File: BP004051.D
Acq: 21 Nov 2020 22:38

Instrument :
BNA_P
ClientSampleId :
OUTFALL-SED-RE



Tgt Ion:276 Resp: 97555
Ion Ratio Lower Upper
276 100
277 24.6 19.0 28.6
138 19.9 16.6 24.8

