

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
 Data File : BP004053.D
 Acq On : 21 Nov 2020 23:46
 Operator : CG/JU
 Sample : L4856-03 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BG-SED-2-RE

Quant Time: Nov 23 05:02:59 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)

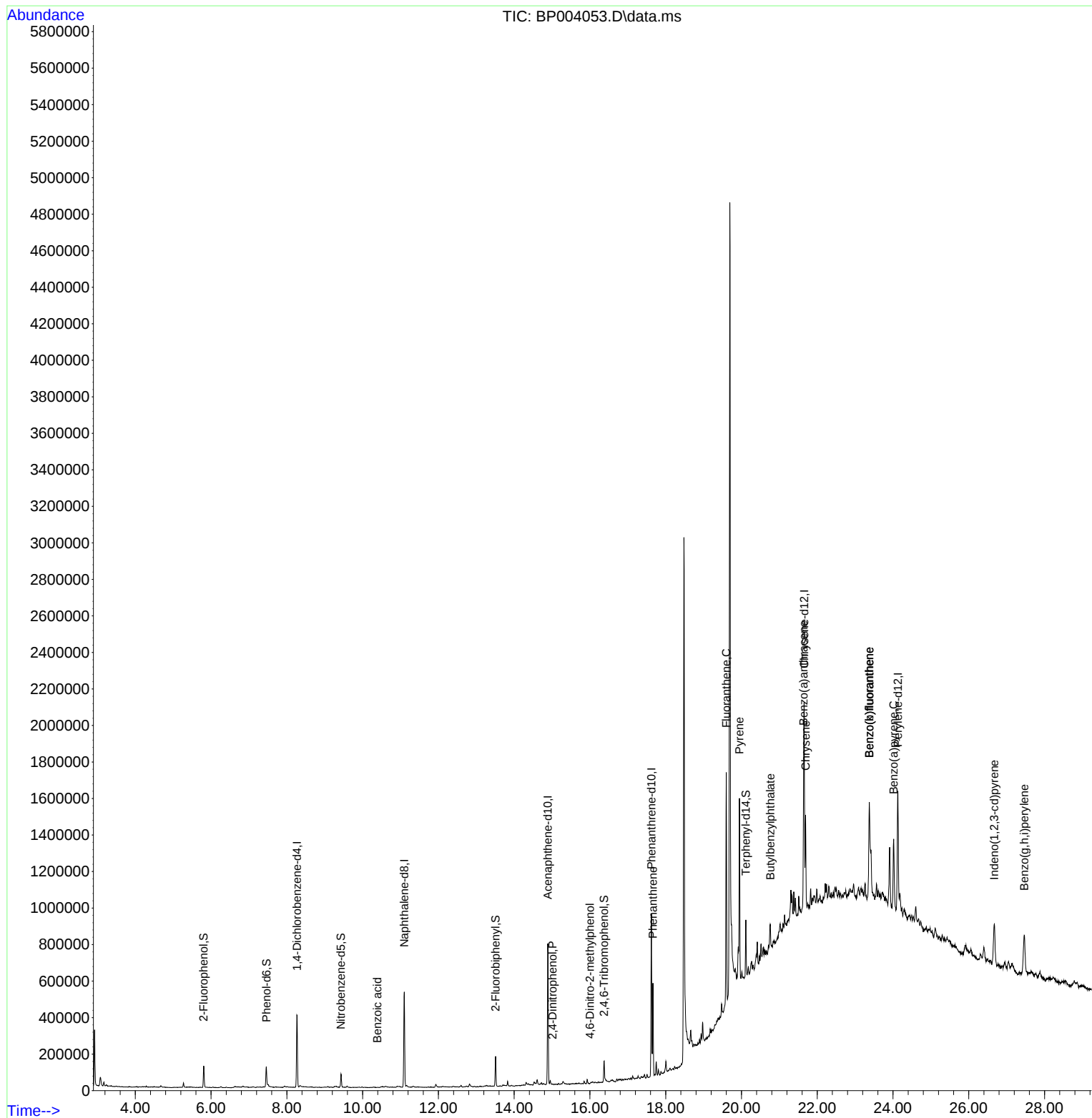
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	108456	20.00	ng	-0.02
21) Naphthalene-d8	11.099	136	413815	20.00	ng	#-0.03
39) Acenaphthene-d10	14.887	164	254547	20.00	ng	-0.02
64) Phenanthrene-d10	17.622	188	529990	20.00	ng	-0.01
76) Chrysene-d12	21.657	240	488998	20.00	ng	0.00
86) Perylene-d12	24.127	264	534909	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	50977	7.84	ng	0.00
7) Phenol-d6	7.458	99	63835	6.84	ng	0.00
23) Nitrobenzene-d5	9.428	82	40178	4.76	ng	-0.03
42) 2,4,6-Tribromophenol	16.375	330	22479	7.06	ng	-0.01
45) 2-Fluorobiphenyl	13.510	172	82019	4.50	ng	-0.02
79) Terphenyl-d14	20.116	244	103369	4.08	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.387	77	1323	Below Cal	#	44
32) Benzoic acid	10.387	122	30	8.31 ng	#	1
54) 2,4-Dinitrophenol	15.010	184	74	2.78 ng	#	1
65) 4,6-Dinitro-2-methylph...	16.004	198	44	6.36 ng	#	1
71) Phenanthrene	17.663	178	291688	9.81 ng		100
75) Fluoranthene	19.598	202	729419	21.25 ng		99
78) Pyrene	19.945	202	593134	17.87 ng		97
80) Butylbenzylphthalate	20.763	149	32270	2.61 ng	#	74
81) Benzo(a)anthracene	21.639	228	273772	8.49 ng		97
83) Chrysene	21.692	228	320852	10.36 ng		97
87) Indeno(1,2,3-cd)pyrene	26.674	276	245820	6.37 ng	#	94
88) Benzo(b)fluoranthene	23.374	252	602870	17.22 ng	#	96
89) Benzo(k)fluoranthene	23.374	252	602870	17.44 ng	#	97
90) Benzo(a)pyrene	24.016	252	286838	8.85 ng	#	95
92) Benzo(g,h,i)perylene	27.462	276	294217	9.45 ng	#	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
Data File : BP004053.D
Acq On : 21 Nov 2020 23:46
Operator : CG/JU
Sample : L4856-03 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BG-SED-2-RE

Quant Time: Nov 23 05:02:59 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

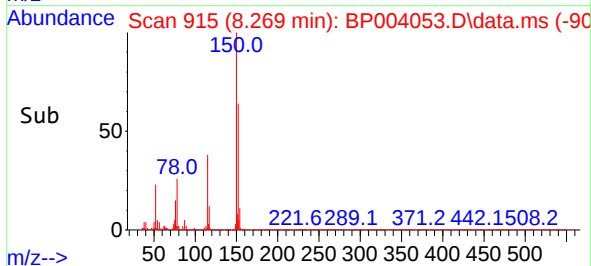
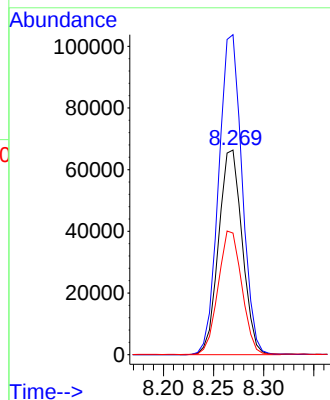
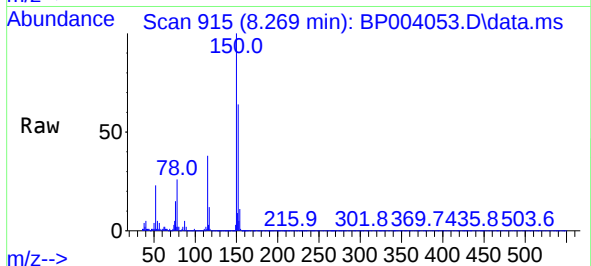




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. -0.024 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

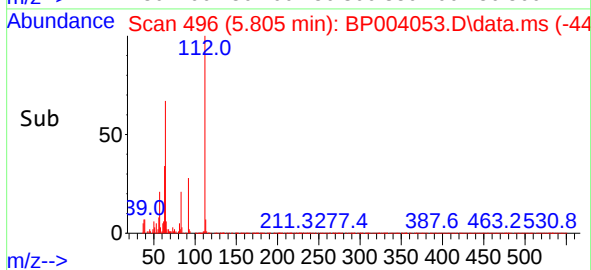
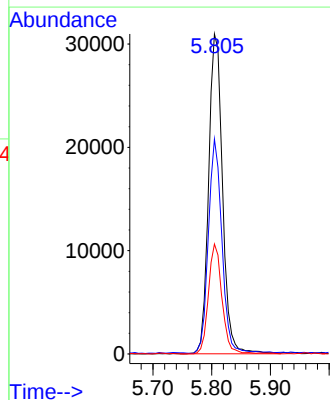
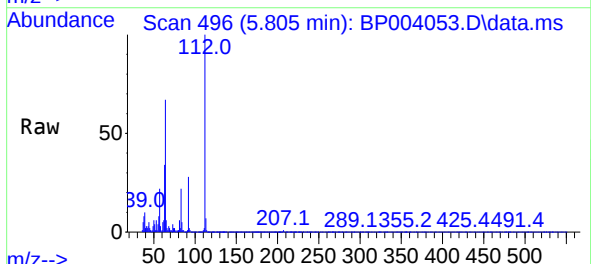
Instrument :
BNA_P
ClientSampleId :
BG-SED-2-RE

Tgt Ion:152 Resp: 108456
Ion Ratio Lower Upper
152 100
150 156.4 123.8 185.6
115 59.4 43.8 65.6



#5
2-Fluorophenol
Concen: 7.84 ng
RT: 5.805 min Scan# 496
Delta R.T. -0.006 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

Tgt Ion:112 Resp: 50977
Ion Ratio Lower Upper
112 100
64 67.1 32.8 49.2#
63 34.3 17.0 25.4#

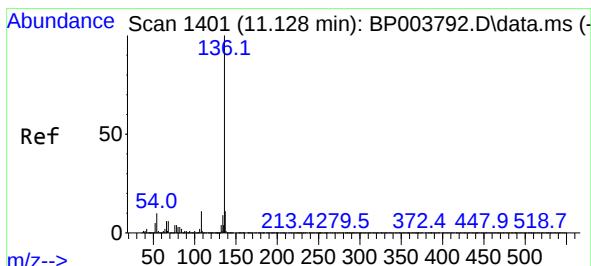
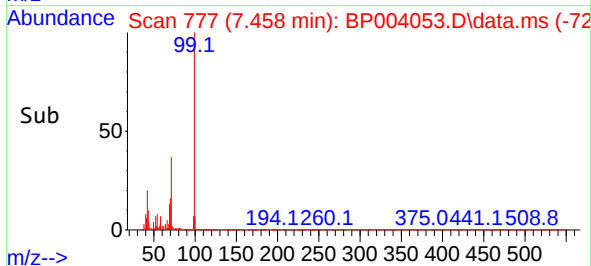
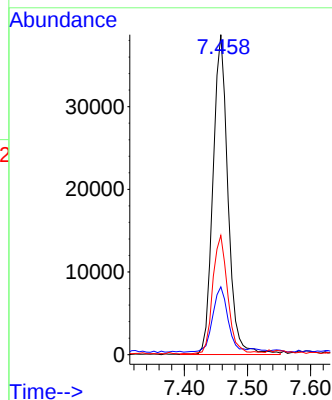
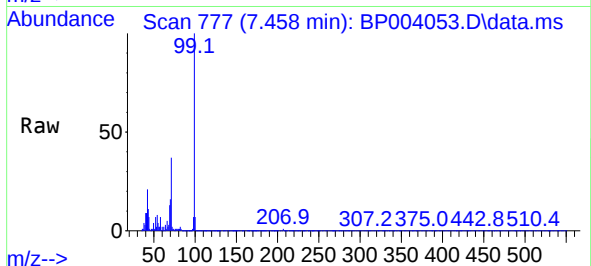




#7
Phenol-d6
Concen: 6.84 ng
RT: 7.458 min Scan# 777
Delta R.T. -0.000 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

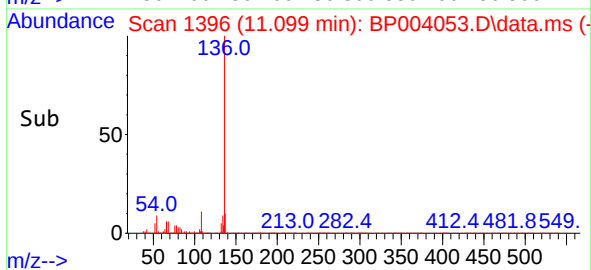
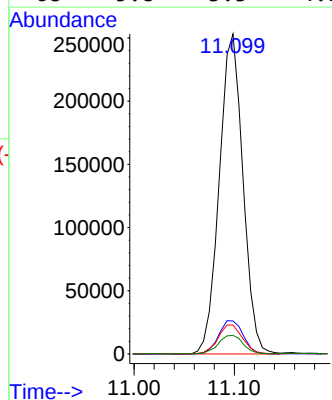
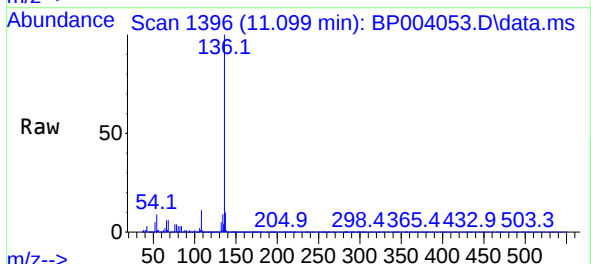
Instrument :
BNA_P
ClientSampleId :
BG-SED-2-RE

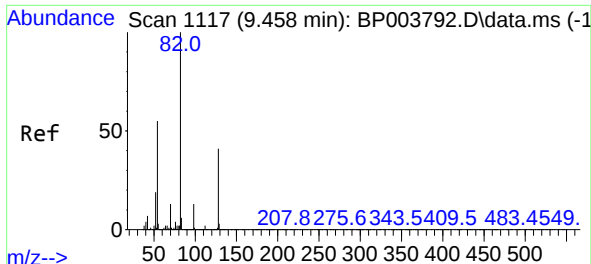
Tgt Ion: 99 Resp: 63835
Ion Ratio Lower Upper
99 100
42 21.2 8.6 13.0#
71 37.3 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.099 min Scan# 1396
Delta R.T. -0.029 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

Tgt Ion: 136 Resp: 413815
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 9.0 3.6 5.4#
68 5.8 3.3 4.9#



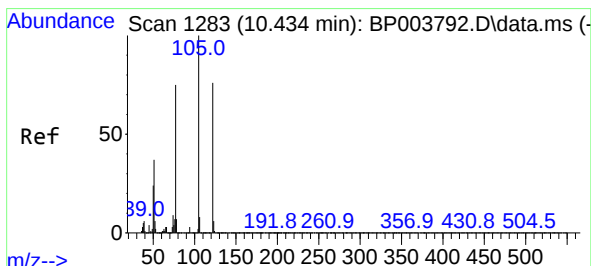
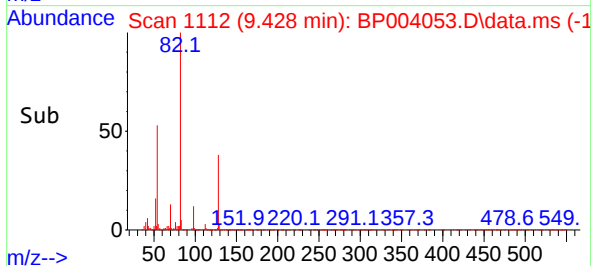
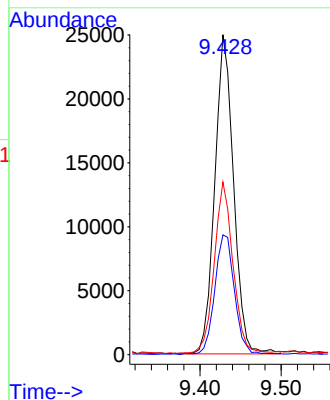
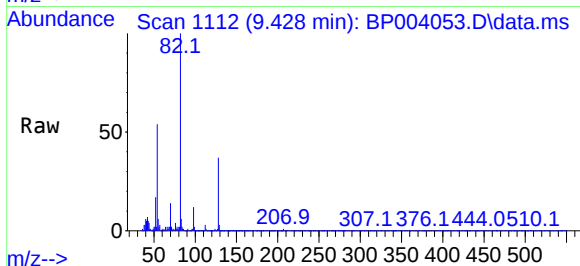


#23
Nitrobenzene-d5
Concen: 4.76 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.029 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

Instrument :
BNA_P
ClientSampleId :
BG-SED-2-RE

Tgt Ion: 82 Resp: 40178

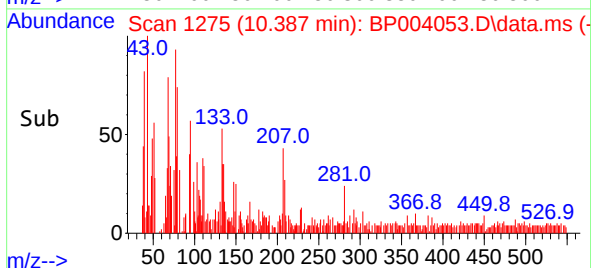
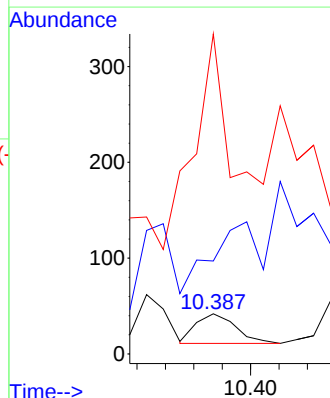
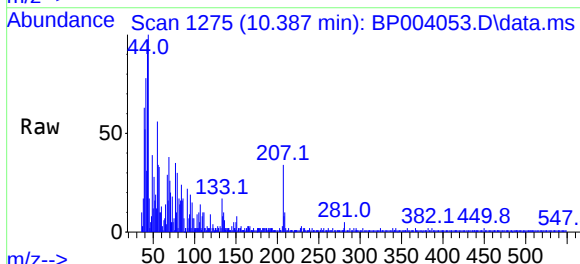
Ion	Ratio	Lower	Upper
82	100		
128	37.4	45.6	68.4#
54	54.0	30.1	45.1#

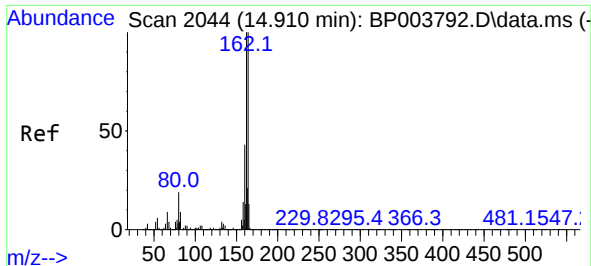


#32
Benzoic acid
Concen: 8.31 ng
RT: 10.387 min Scan# 1275
Delta R.T. -0.047 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

Tgt Ion: 122 Resp: 30

Ion	Ratio	Lower	Upper
122	100		
105	231.0	94.1	134.1#
77	795.2	50.1	90.1#

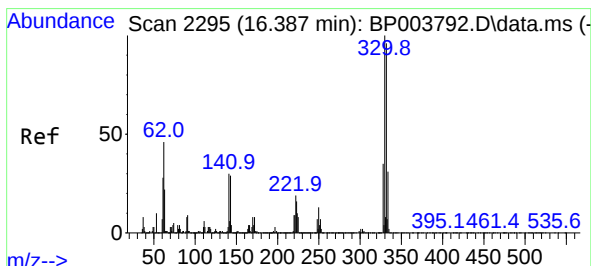
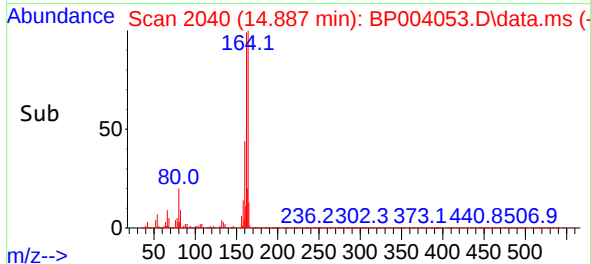
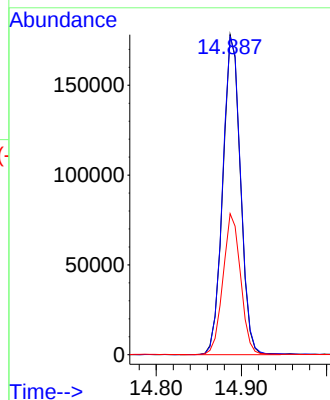
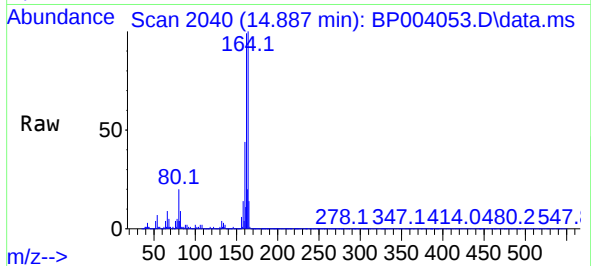




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.024 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

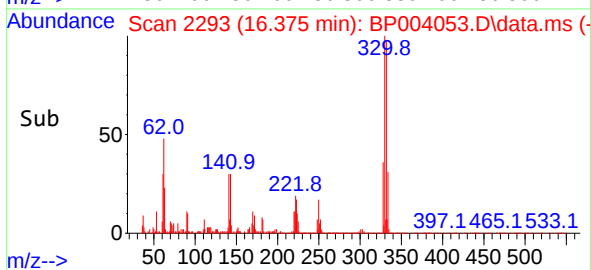
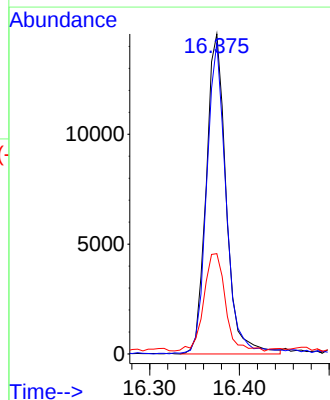
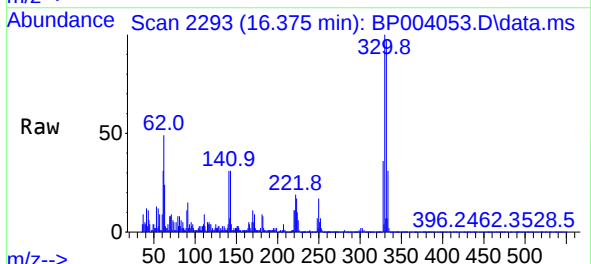
Instrument :
BNA_P
ClientSampleId :
BG-SED-2-RE

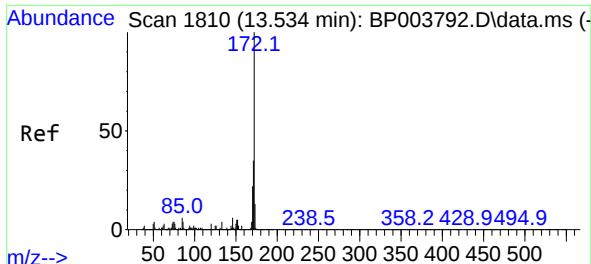
Tgt Ion:164 Resp: 254547
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.2
160 44.1 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 7.06 ng
RT: 16.375 min Scan# 2293
Delta R.T. -0.012 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

Tgt Ion:330 Resp: 22479
Ion Ratio Lower Upper
330 100
332 95.2 77.1 115.7
141 32.8 23.4 35.2

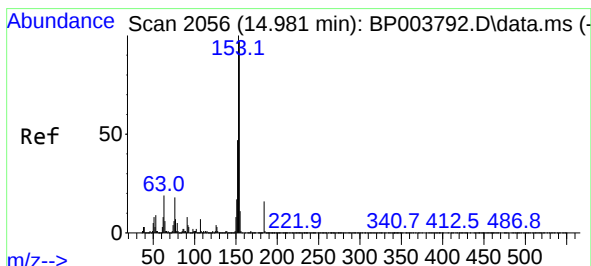
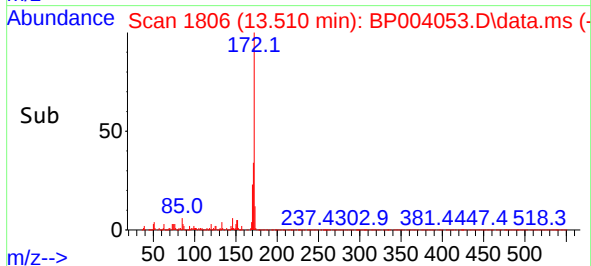
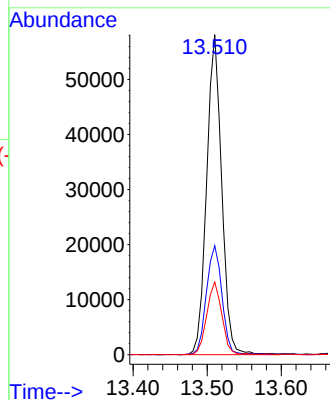
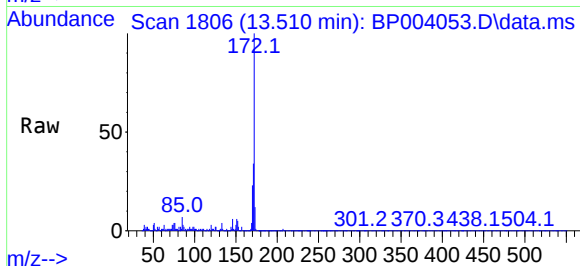




#45
2-Fluorobiphenyl
Concen: 4.50 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.024 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

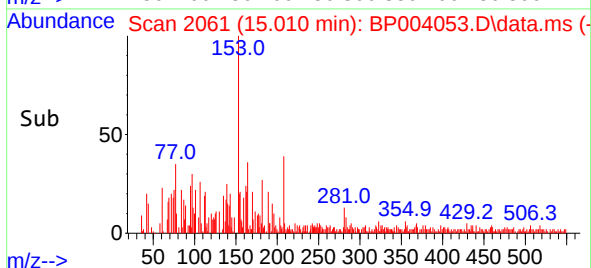
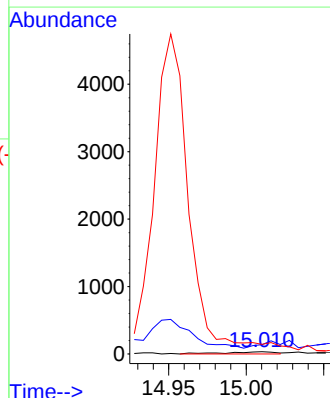
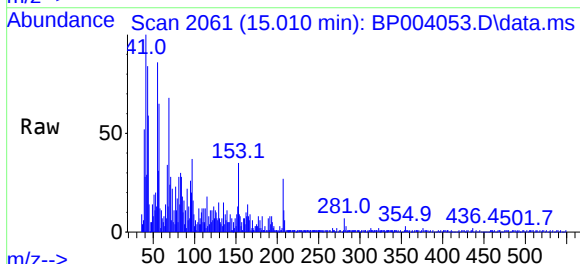
Instrument :
BNA_P
ClientSampleId :
BG-SED-2-RE

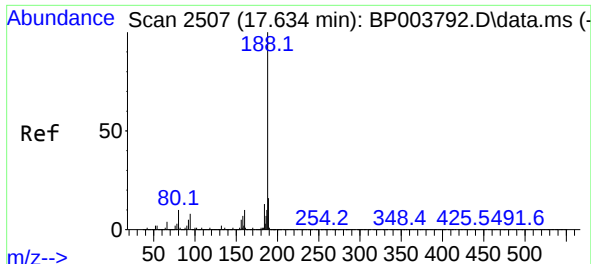
Tgt Ion:	172	Resp:	82019
Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.5	42.7
170	22.7	19.2	28.8



#54
2,4-Dinitrophenol
Concen: 2.78 ng
RT: 15.010 min Scan# 2061
Delta R.T. 0.029 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

Tgt Ion:	184	Resp:	74
Ion	Ratio	Lower	Upper
184	100		
63	405.9	32.3	48.5#
154	420.6	49.1	73.7#

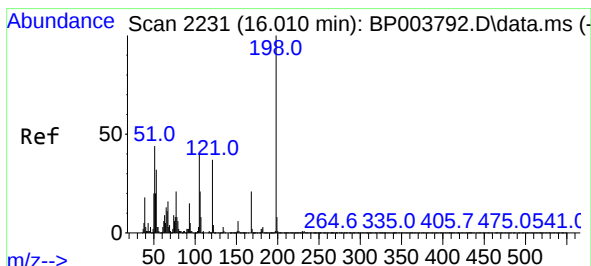
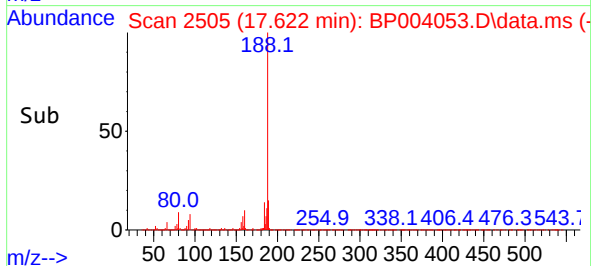
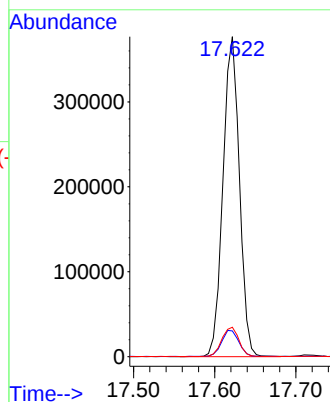
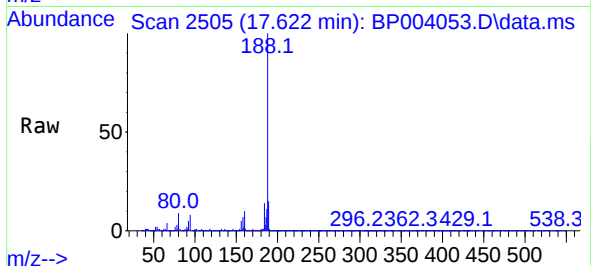




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. -0.012 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

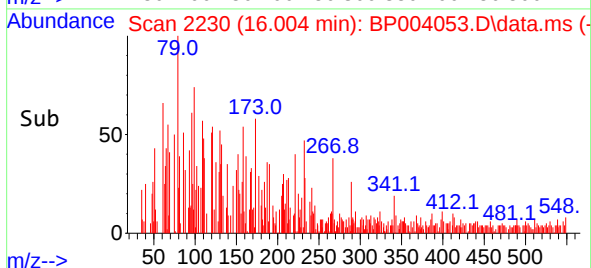
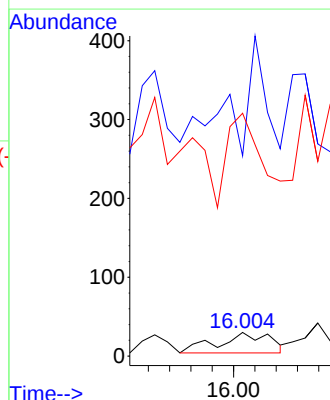
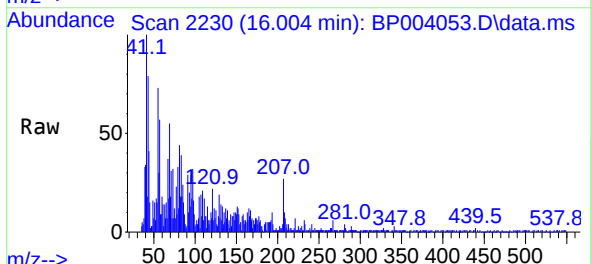
Instrument :
BNA_P
ClientSampleId :
BG-SED-2-RE

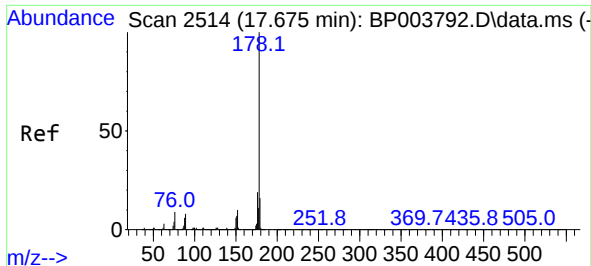
Tgt Ion:188 Resp: 529990
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.2
80 9.2 6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.36 ng
RT: 16.004 min Scan# 2230
Delta R.T. -0.006 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

Tgt Ion:198 Resp: 44
Ion Ratio Lower Upper
198 100
51 846.7 6.4 46.4#
105 1026.7 18.9 58.9#

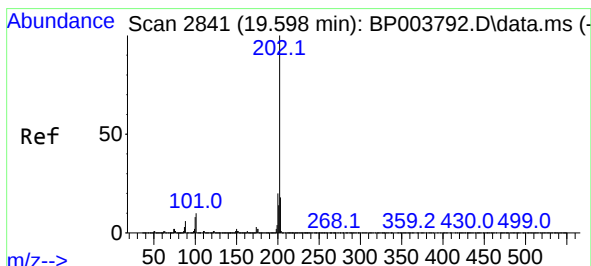
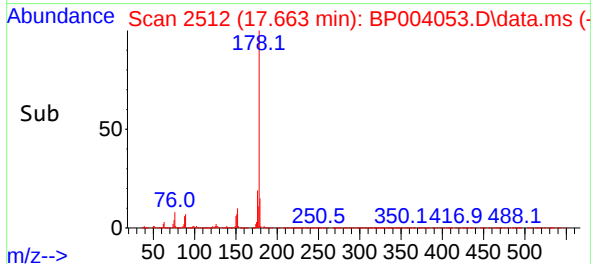
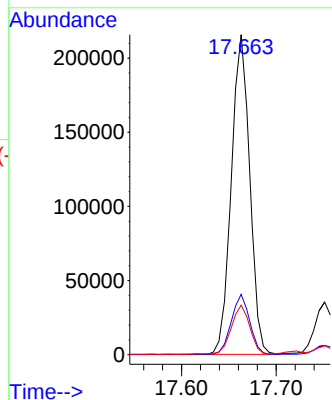
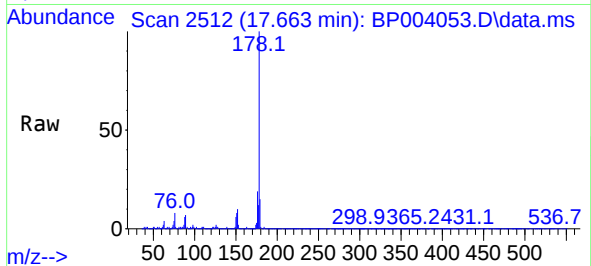




#71
Phenanthrene
Concen: 9.81 ng
RT: 17.663 min Scan# 2512
Delta R.T. -0.012 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

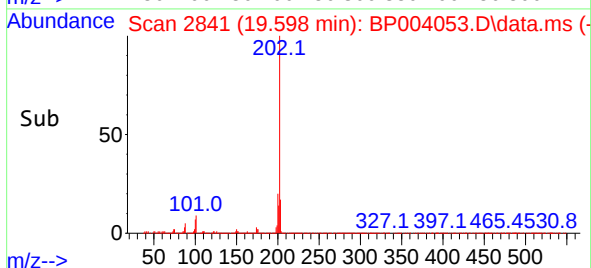
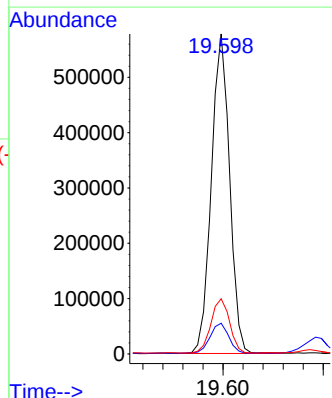
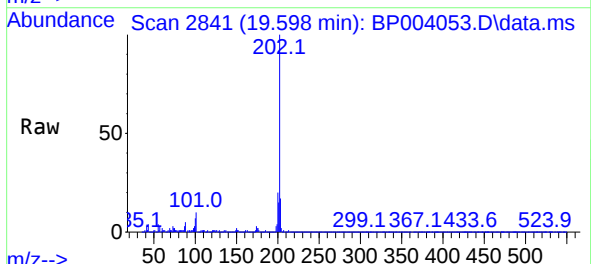
Instrument :
BNA_P
ClientSampleId :
BG-SED-2-RE

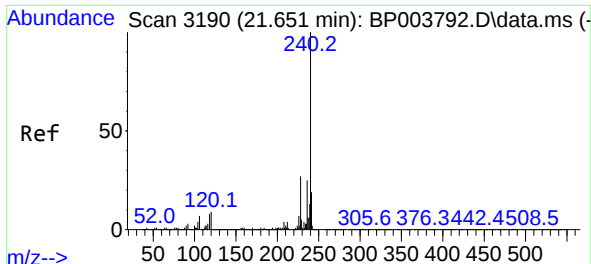
Tgt Ion:178 Resp: 291688
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.5 12.5 18.7



#75
Fluoranthene
Concen: 21.25 ng
RT: 19.598 min Scan# 2841
Delta R.T. -0.000 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

Tgt Ion:202 Resp: 729419
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.4
203 17.2 0.0 37.8

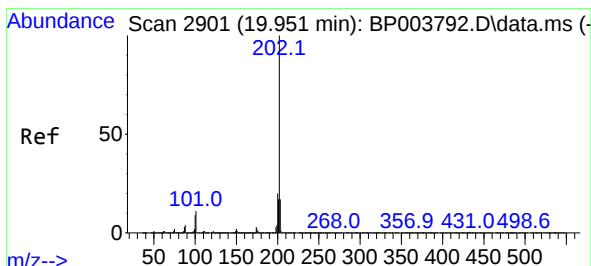
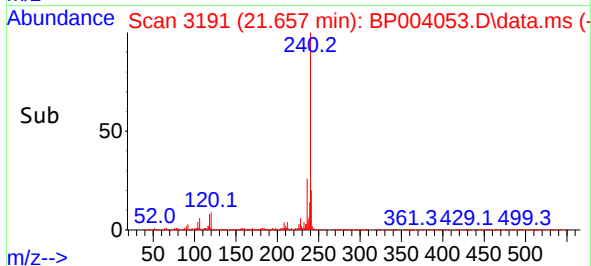
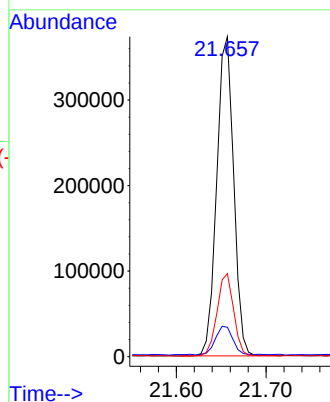
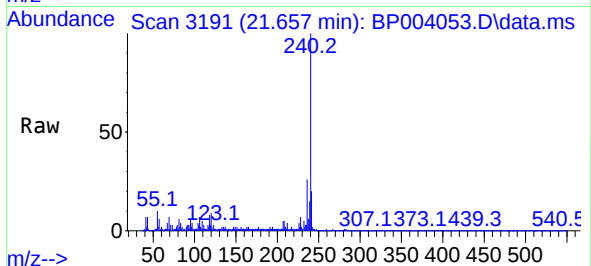




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. 0.006 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

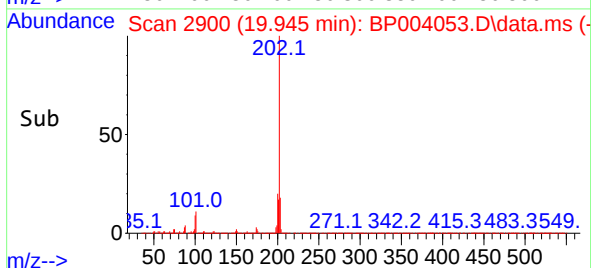
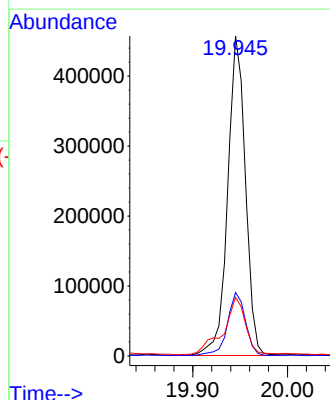
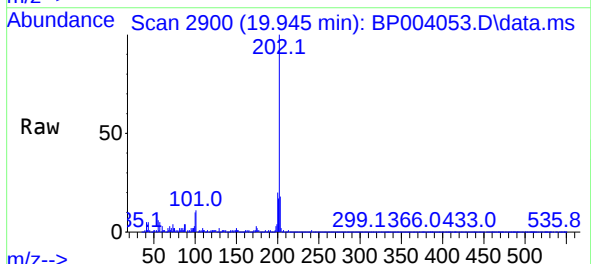
Instrument :
BNA_P
ClientSampleId :
BG-SED-2-RE

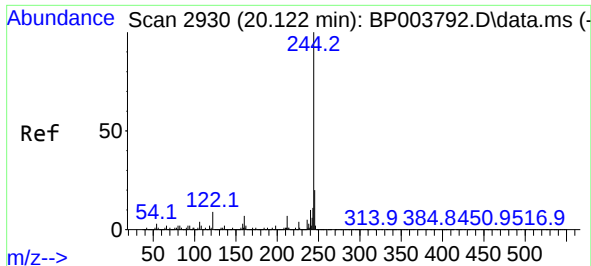
Tgt Ion:240 Resp: 488998
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.6
236 26.0 20.8 31.2



#78
Pyrene
Concen: 17.87 ng
RT: 19.945 min Scan# 2900
Delta R.T. -0.006 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

Tgt Ion:202 Resp: 593134
Ion Ratio Lower Upper
202 100
200 19.8 17.1 25.7
203 18.4 14.2 21.2

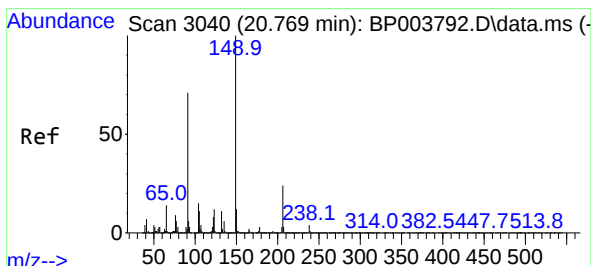
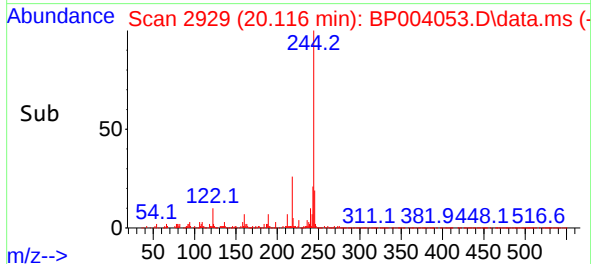
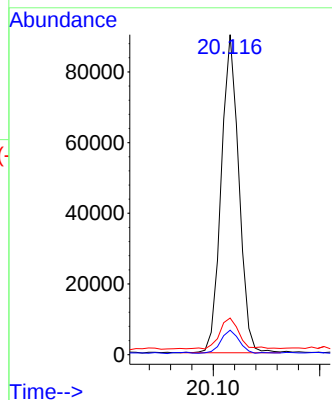
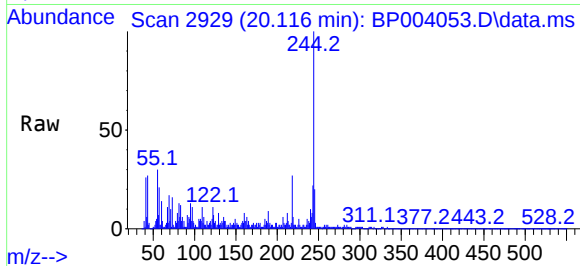




#79
Terphenyl-d14
Concen: 4.08 ng
RT: 20.116 min Scan# 2929
Delta R.T. -0.006 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

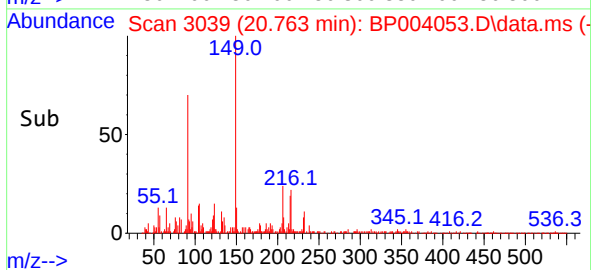
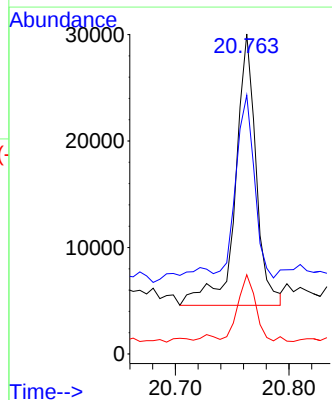
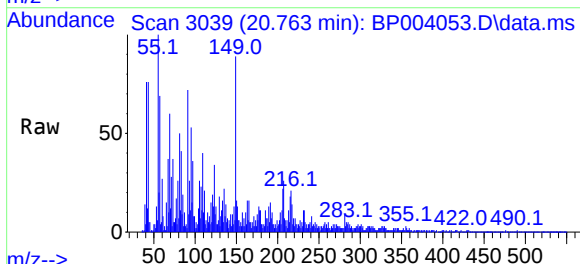
Instrument :
BNA_P
ClientSampleId :
BG-SED-2-RE

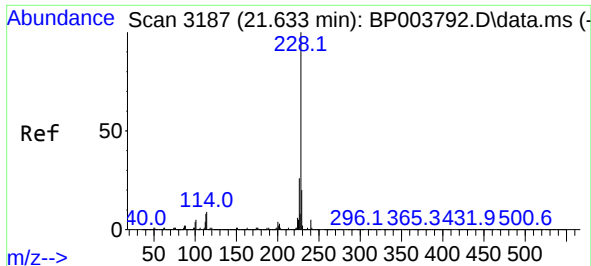
Tgt Ion:244 Resp: 103369
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 11.5 7.8 11.8



#80
Butylbenzylphthalate
Concen: 2.61 ng
RT: 20.763 min Scan# 3039
Delta R.T. -0.006 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

Tgt Ion:149 Resp: 32270
Ion Ratio Lower Upper
149 100
91 80.9 45.4 68.0#
206 24.7 17.1 25.7

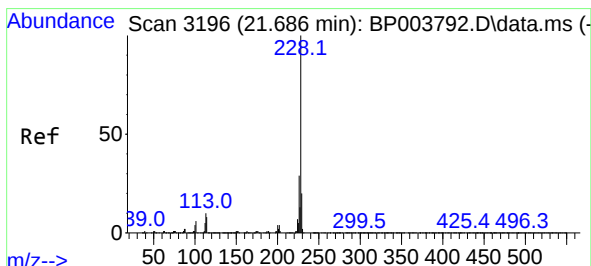
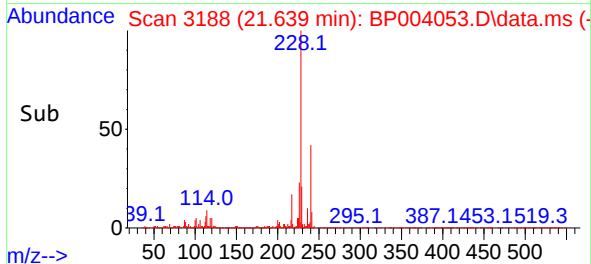
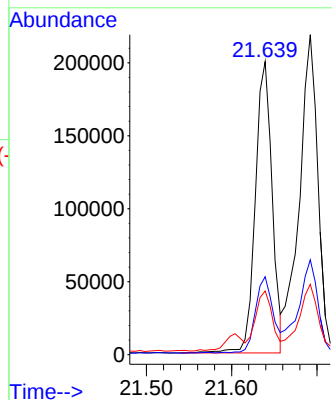
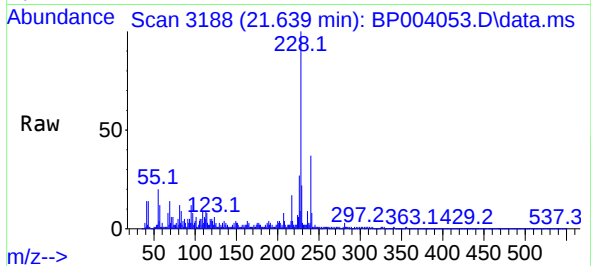




#81
Benzo(a)anthracene
Concen: 8.49 ng
RT: 21.639 min Scan# 3188
Delta R.T. 0.006 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

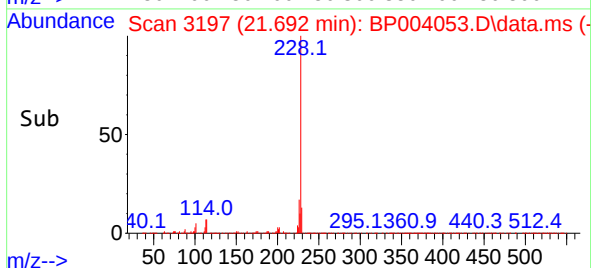
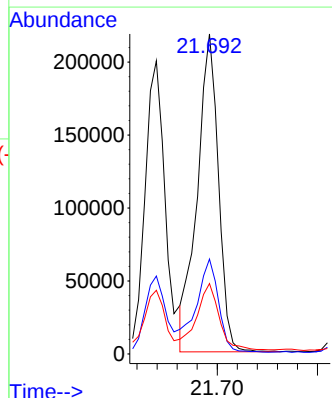
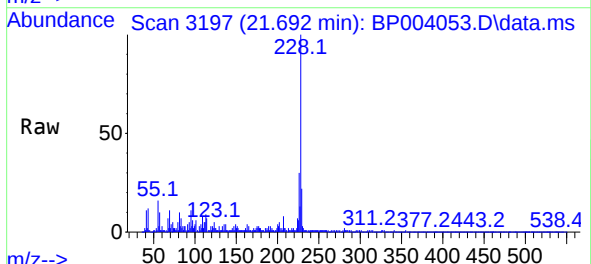
Instrument :
BNA_P
ClientSampleId :
BG-SED-2-RE

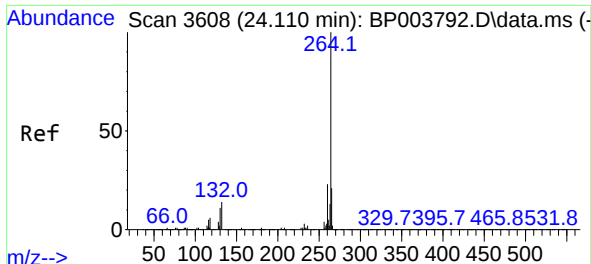
Tgt Ion:228 Resp: 273772
Ion Ratio Lower Upper
228 100
226 26.6 22.1 33.1
229 21.7 15.9 23.9



#83
Chrysene
Concen: 10.36 ng
RT: 21.692 min Scan# 3197
Delta R.T. 0.006 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

Tgt Ion:228 Resp: 320852
Ion Ratio Lower Upper
228 100
226 29.6 24.4 36.6
229 22.0 15.8 23.6

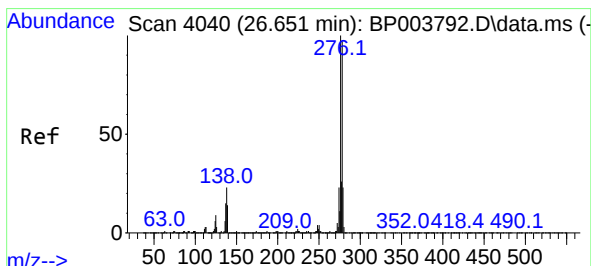
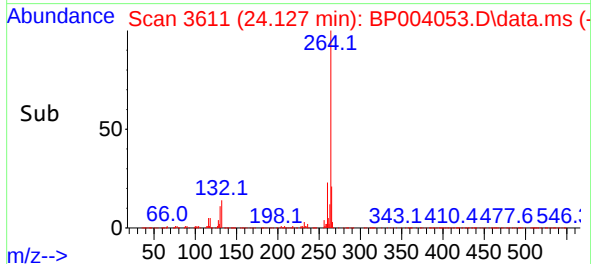
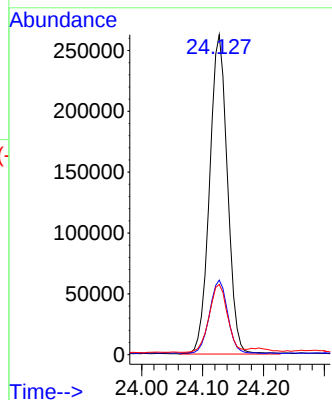
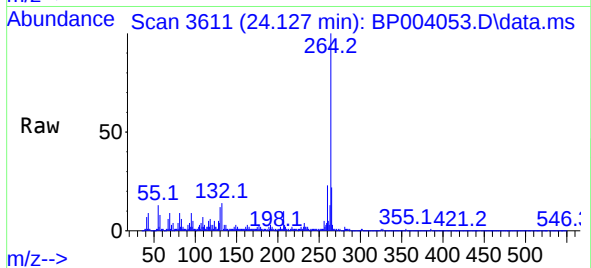




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.127 min Scan# 3611
Delta R.T. 0.018 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

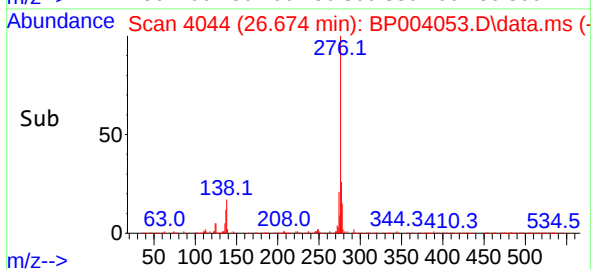
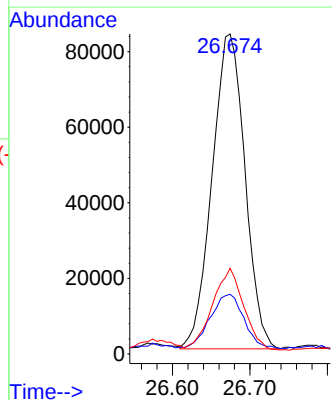
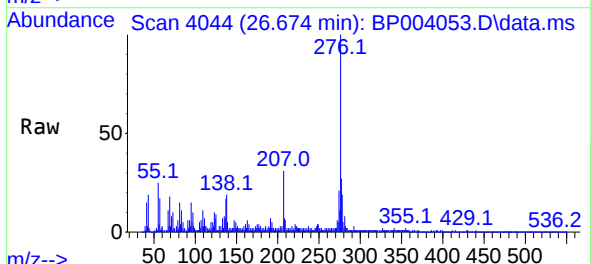
Instrument :
BNA_P
ClientSampleId :
BG-SED-2-RE

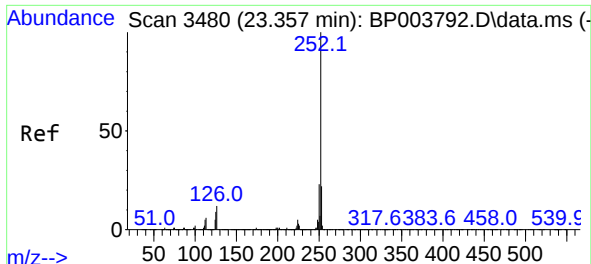
Tgt Ion:264 Resp: 534909
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 21.9 17.4 26.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 6.37 ng
RT: 26.674 min Scan# 4044
Delta R.T. 0.023 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

Tgt Ion:276 Resp: 245820
Ion Ratio Lower Upper
276 100
138 17.8 18.7 28.1#
277 24.9 20.4 30.6

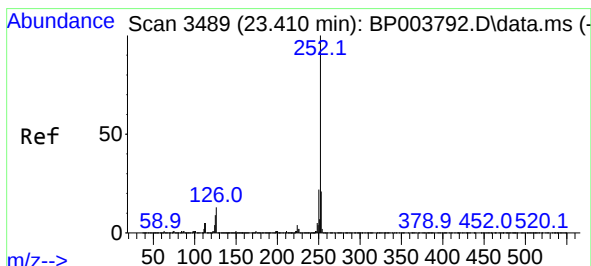
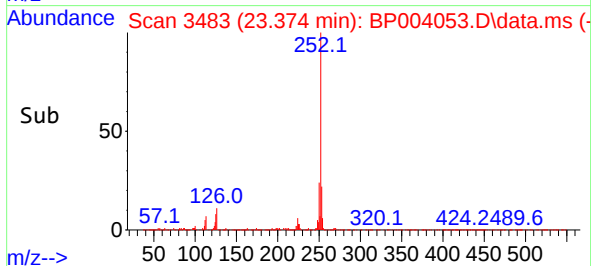
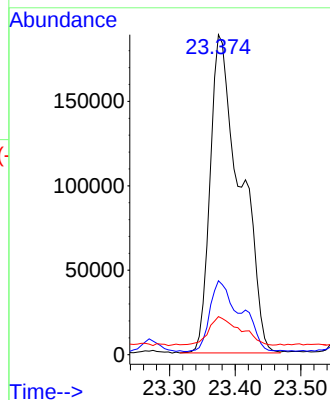
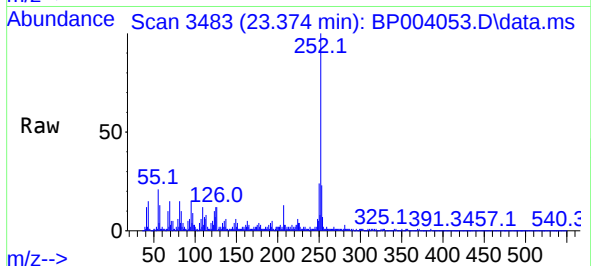




#88
Benzo(b)fluoranthene
Concen: 17.22 ng
RT: 23.374 min Scan# 3483
Delta R.T. 0.018 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

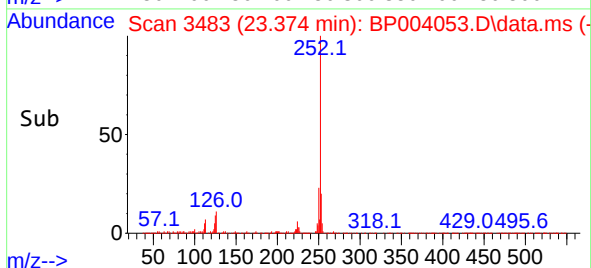
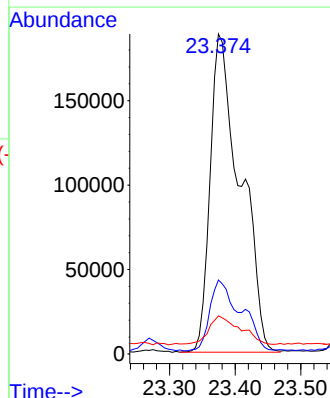
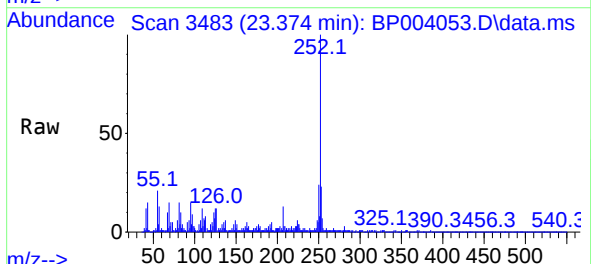
Instrument :
BNA_P
ClientSampleId :
BG-SED-2-RE

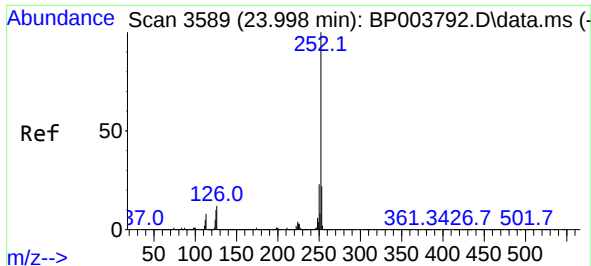
Tgt Ion:252 Resp: 602870
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 11.9 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 17.44 ng
RT: 23.374 min Scan# 3483
Delta R.T. -0.035 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

Tgt Ion:252 Resp: 602870
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 11.9 7.4 11.2#

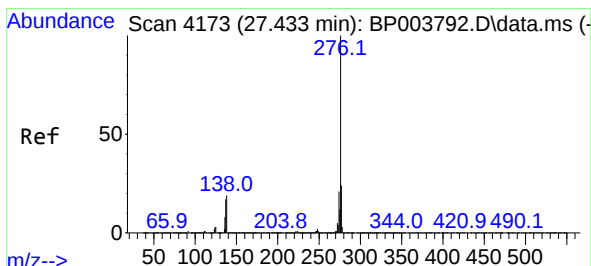
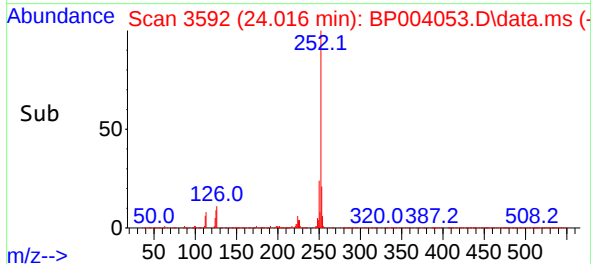
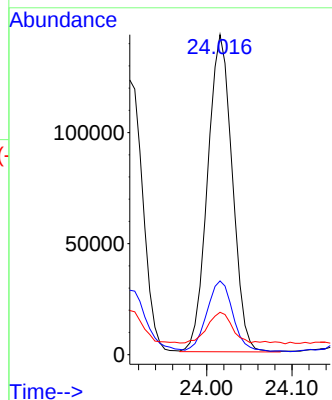
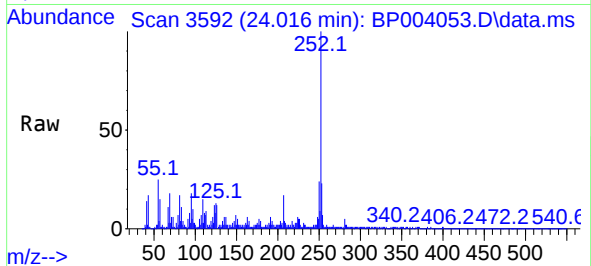




#90
Benzo(a)pyrene
Concen: 8.85 ng
RT: 24.016 min Scan# 3592
Delta R.T. 0.018 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

Instrument :
BNA_P
ClientSampleId :
BG-SED-2-RE

Tgt Ion:252 Resp: 286838
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 13.3 8.2 12.4#



#92
Benzo(g,h,i)perylene
Concen: 9.45 ng
RT: 27.462 min Scan# 4178
Delta R.T. 0.029 min
Lab File: BP004053.D
Acq: 21 Nov 2020 23:46

Tgt Ion:276 Resp: 294217
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.6
138 16.3 16.6 24.8#

