

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120320\
 Data File : BP004137.D
 Acq On : 03 Dec 2020 19:43
 Operator : CG/JU
 Sample : L4911-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SK-12-1-SPA

Quant Time: Dec 04 00:12:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 11:39:42 2020
 Response via : Initial Calibration

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

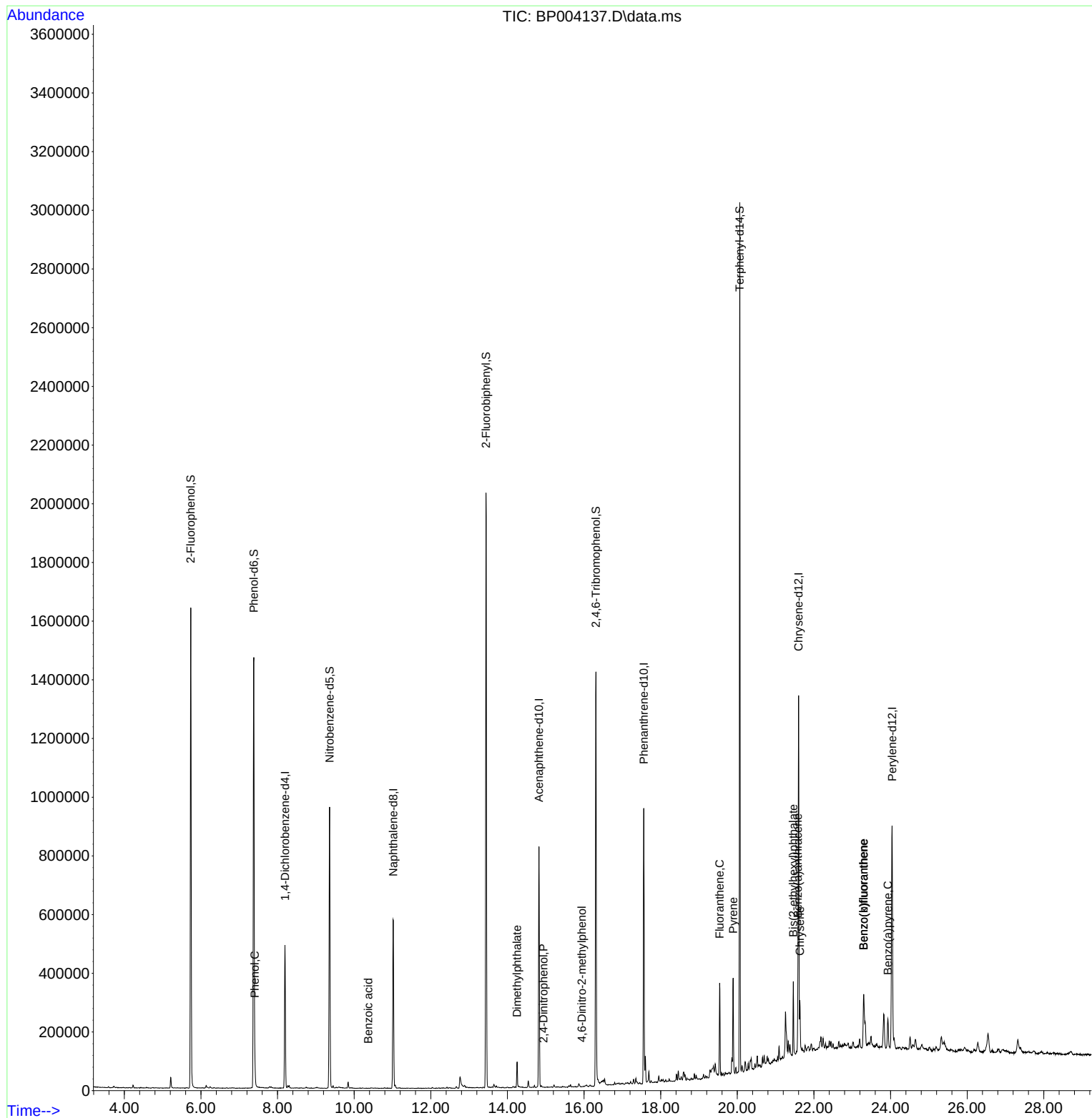
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.193	152	127920	20.00	ng	0.00
21) Naphthalene-d8	11.022	136	470865	20.00	ng	# 0.00
39) Acenaphthene-d10	14.822	164	274376	20.00	ng	0.00
64) Phenanthrene-d10	17.557	188	553900	20.00	ng	# 0.00
76) Chrysene-d12	21.598	240	544921	20.00	ng	0.00
86) Perylene-d12	24.039	264	574973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	662775	86.47	ng	0.00
7) Phenol-d6	7.381	99	829924	75.43	ng	0.00
23) Nitrobenzene-d5	9.357	82	523703	54.47	ng	0.00
42) 2,4,6-Tribromophenol	16.310	330	265321	77.31	ng	0.00
45) 2-Fluorobiphenyl	13.440	172	1018251	51.88	ng	0.00
79) Terphenyl-d14	20.063	244	1206968	42.79	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.316	77	819	Below Cal	#	67
10) Phenol	7.405	94	39143	3.69 ng		78
32) Benzoic acid	10.369	122	13	8.31 ng	#	1
50) Dimethylphthalate	14.251	163	55766	2.60 ng	#	97
54) 2,4-Dinitrophenol	14.940	184	6	2.73 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.945	198	17	6.35 ng	#	1
75) Fluoranthene	19.539	202	183820	5.12 ng		99
78) Pyrene	19.892	202	187302	5.07 ng		98
81) Benzo(a)anthracene	21.580	228	101693	2.83 ng		97
83) Chrysene	21.633	228	111439	3.23 ng		96
84) Bis(2-ethylhexyl)phtha...	21.463	149	78073	3.84 ng		100
88) Benzo(b)fluoranthene	23.298	252	209561	5.57 ng		97
89) Benzo(k)fluoranthene	23.298	252	209561	5.64 ng		98
90) Benzo(a)pyrene	23.933	252	77968	2.24 ng		97

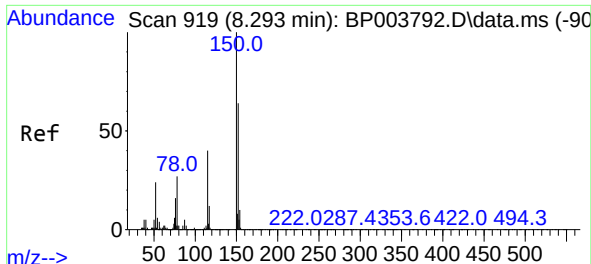
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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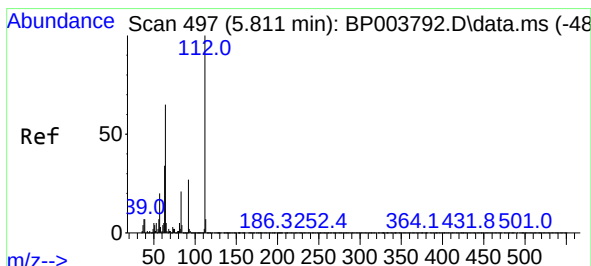
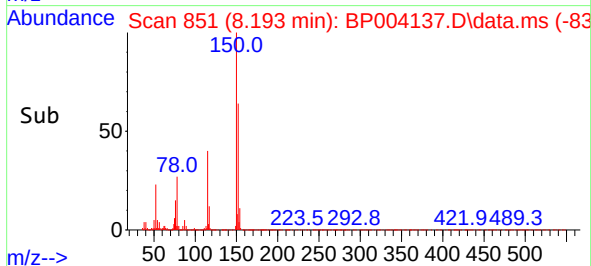
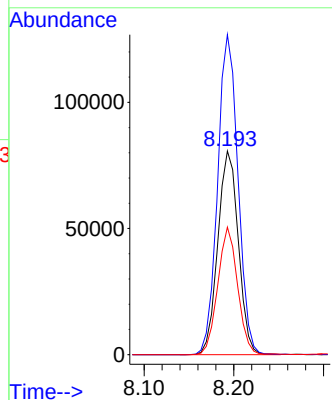
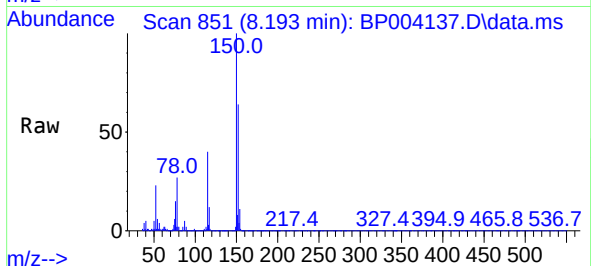




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.193 min Scan# 851
Delta R.T. -0.000 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

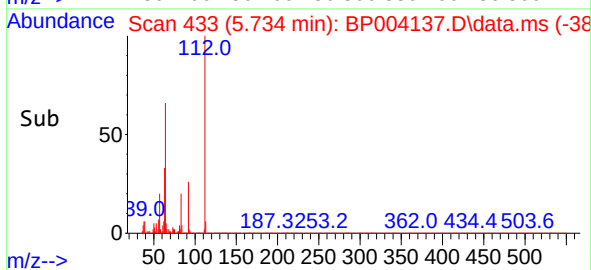
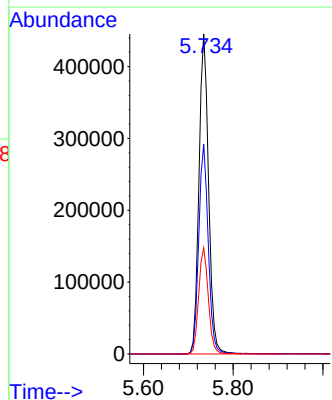
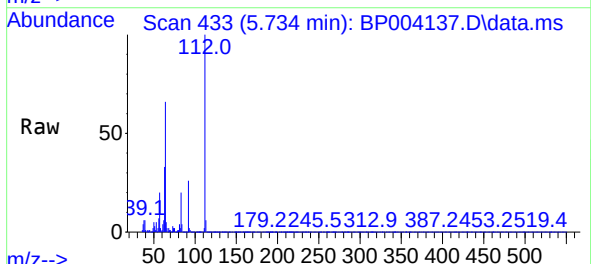
Instrument :
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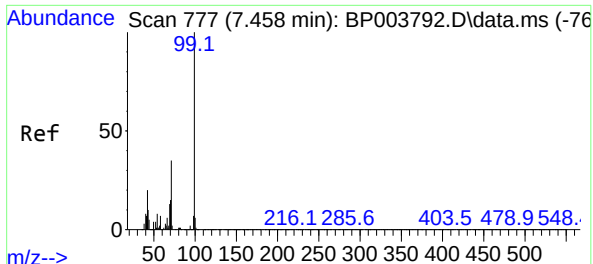
Tgt Ion:152 Resp: 127920
Ion Ratio Lower Upper
152 100
150 157.1 123.8 185.6
115 62.6 43.8 65.6



#5
2-Fluorophenol
Concen: 86.47 ng
RT: 5.734 min Scan# 433
Delta R.T. -0.000 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

Tgt Ion:112 Resp: 662775
Ion Ratio Lower Upper
112 100
64 65.5 32.8 49.2#
63 33.2 17.0 25.4#

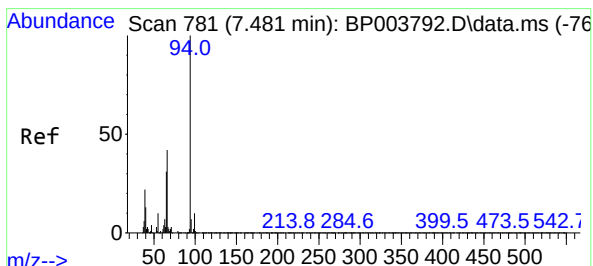
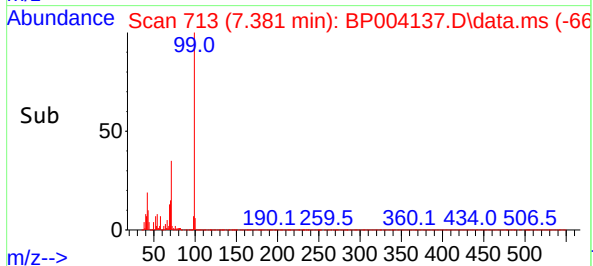
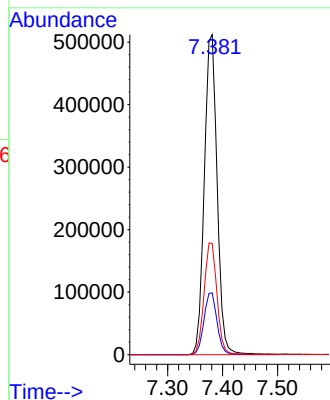
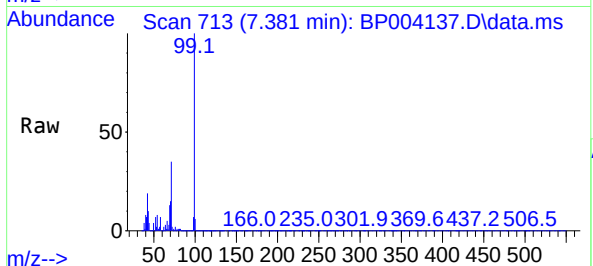




#7
Phenol-d6
Concen: 75.43 ng
RT: 7.381 min Scan# 713
Delta R.T. -0.000 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

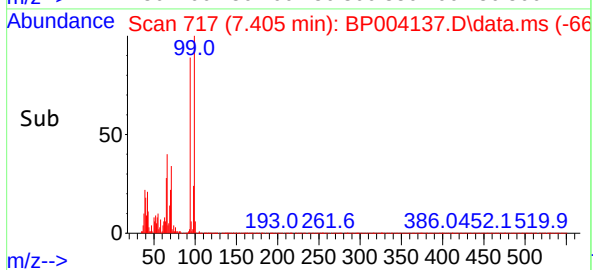
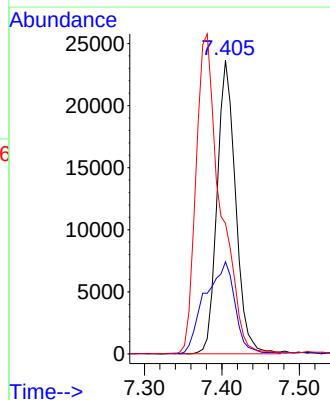
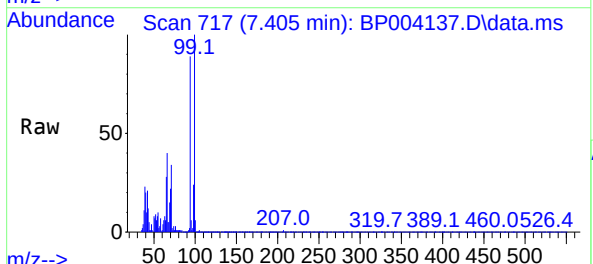
Instrument :
BNA_P
ClientSampleId :
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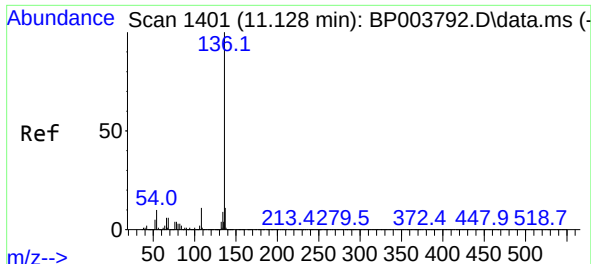
Tgt Ion: 99 Resp: 829924
Ion Ratio Lower Upper
99 100
42 19.3 8.6 13.0#
71 34.8 23.4 35.2



#10
Phenol
Concen: 3.69 ng
RT: 7.405 min Scan# 717
Delta R.T. -0.000 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

Tgt Ion: 94 Resp: 39143
Ion Ratio Lower Upper
94 100
65 31.4 2.3 42.3
66 44.5 10.9 50.9

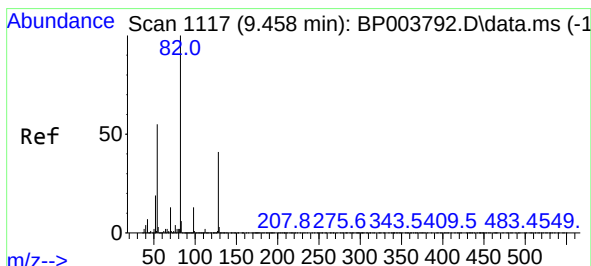
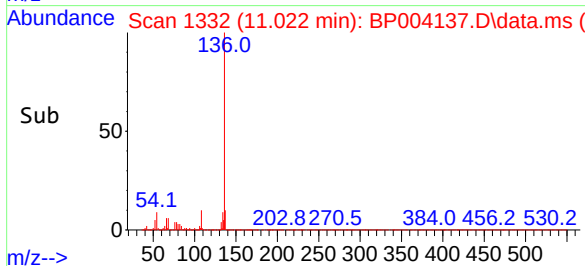
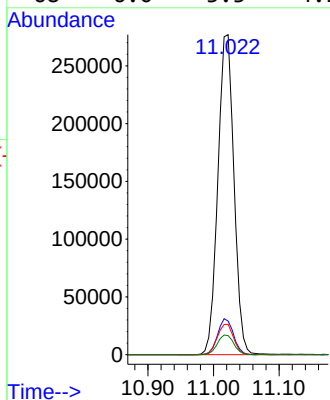
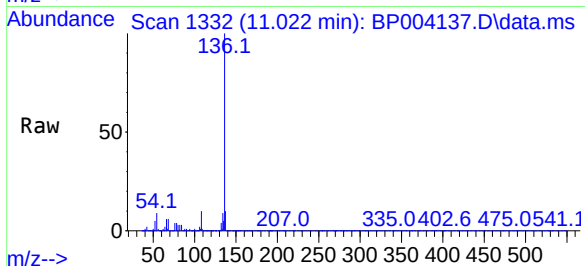




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.022 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

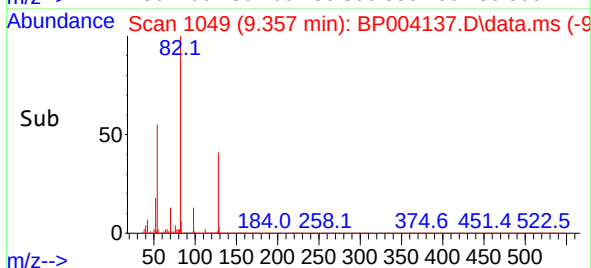
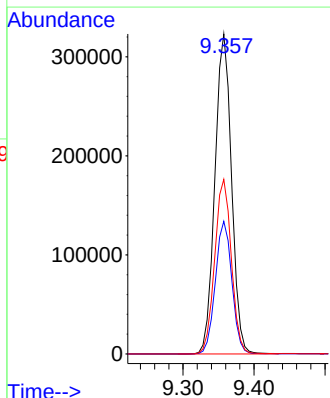
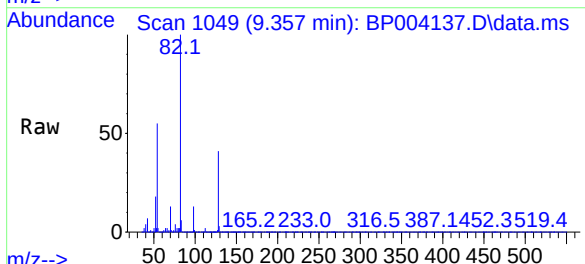
Instrument :
BNA_P
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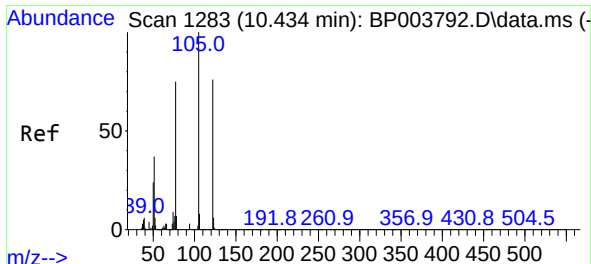
Tgt Ion:	136	Resp:	470865
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	9.5	3.6	5.4#
68	6.0	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 54.47 ng
RT: 9.357 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

Tgt Ion:	82	Resp:	523703
Ion	Ratio	Lower	Upper
82	100		
128	41.5	45.6	68.4#
54	54.6	30.1	45.1#

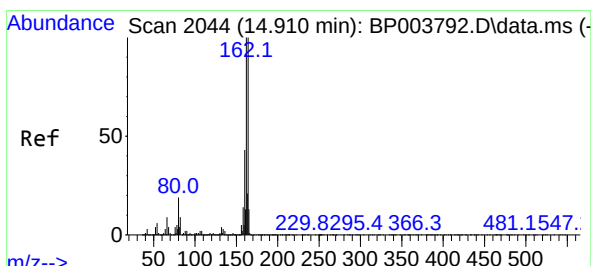
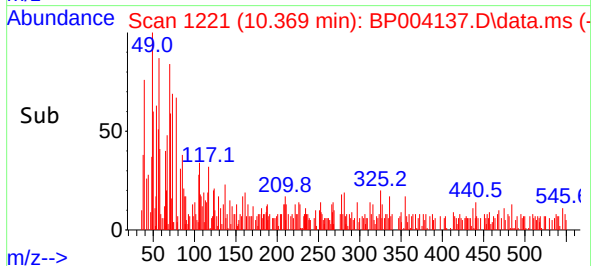
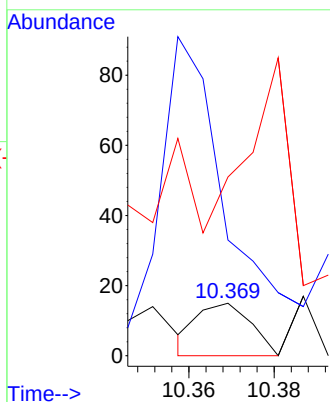
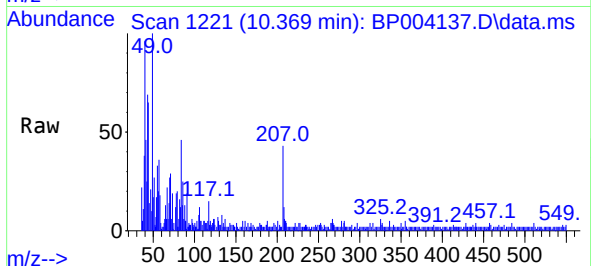




#32
Benzoic acid
Concen: 8.31 ng
RT: 10.369 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

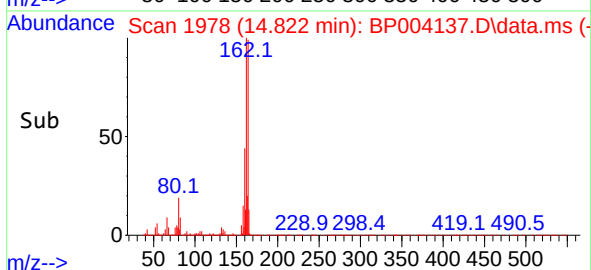
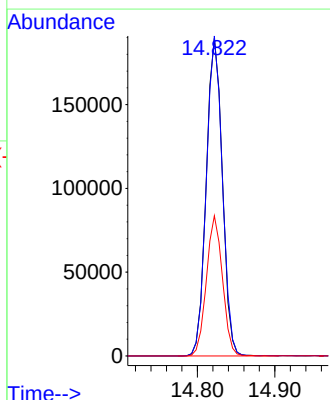
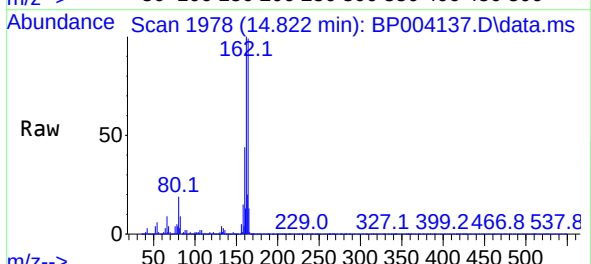
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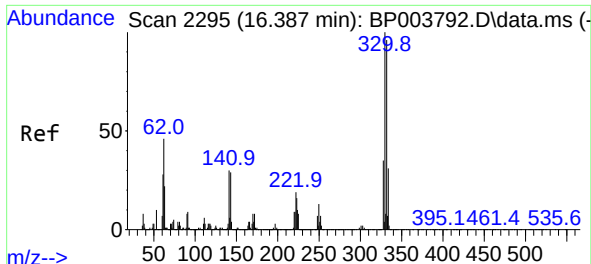
Tgt Ion:	122	Resp:	13
Ion	Ratio	Lower	Upper
122	100		
105	220.0	94.1	134.1#
77	340.0	50.1	90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.822 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

Tgt Ion:	164	Resp:	274376
Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.4	119.2
160	44.1	36.1	54.1

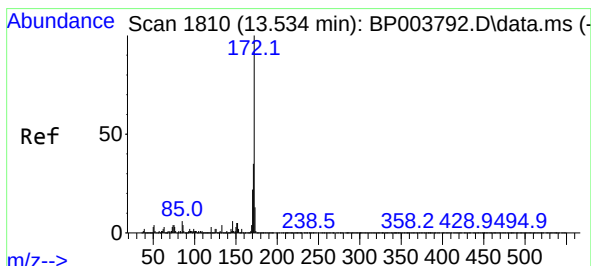
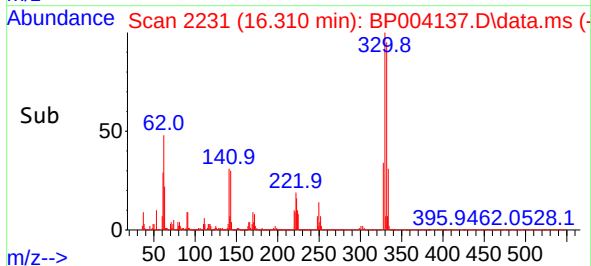
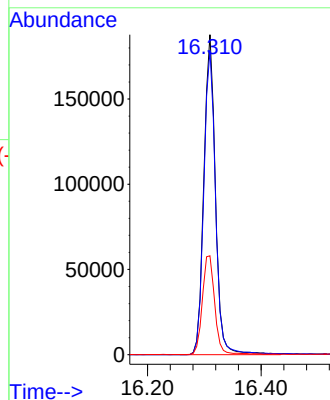
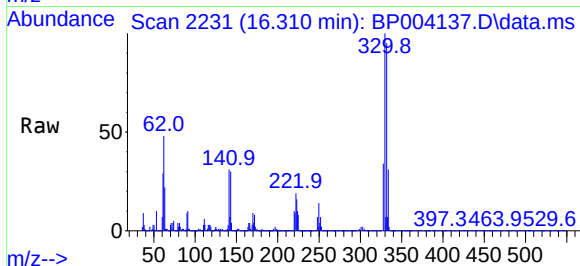




#42
2,4,6-Tribromophenol
Concen: 77.31 ng
RT: 16.310 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

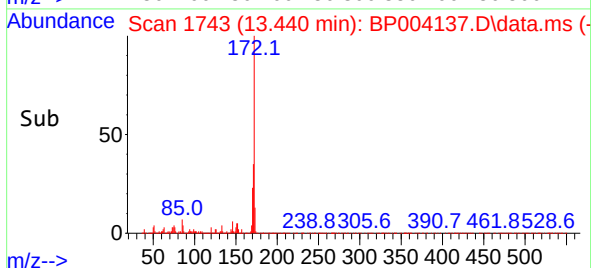
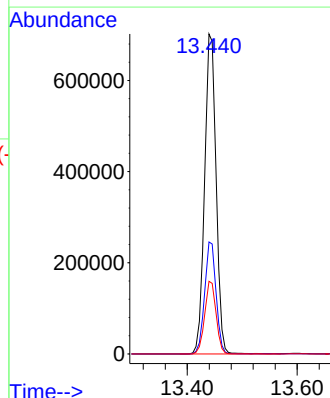
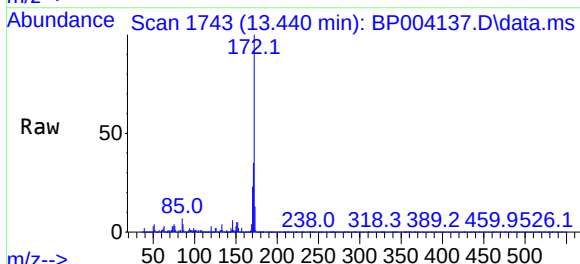
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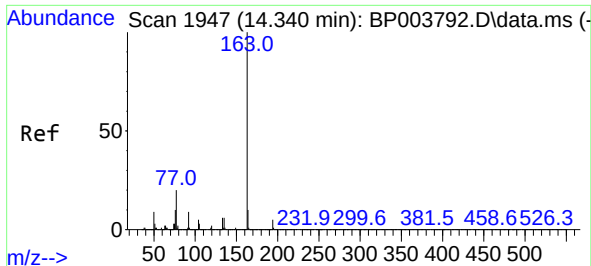
Tgt Ion:330 Resp: 265321
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 33.1 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 51.88 ng
RT: 13.440 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

Tgt Ion:172 Resp: 1018251
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 22.7 19.2 28.8

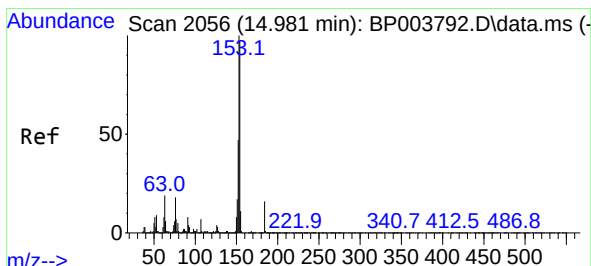
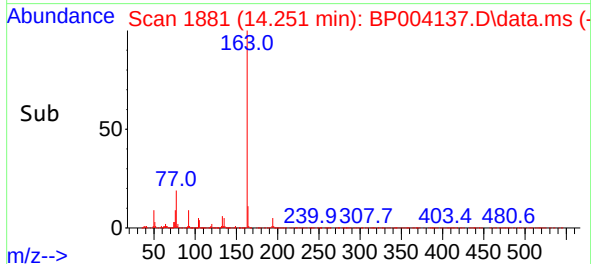
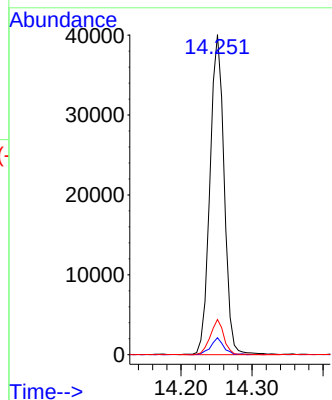
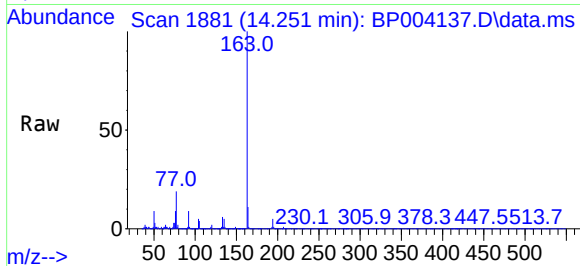




#50
Dimethylphthalate
Concen: 2.60 ng
RT: 14.251 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

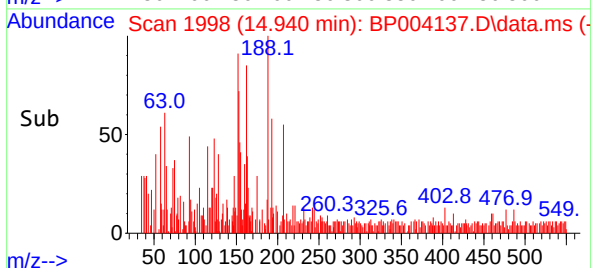
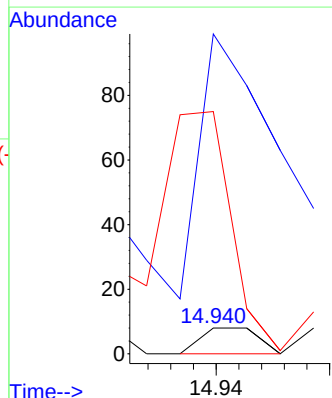
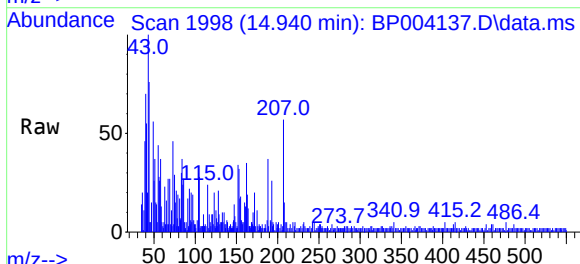
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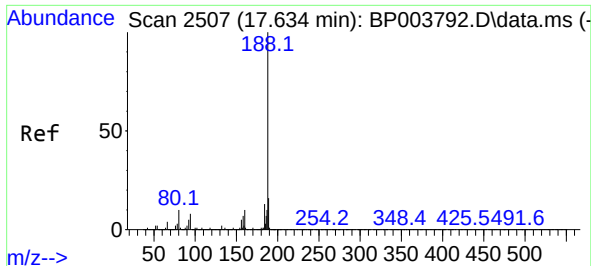
Tgt Ion:163 Resp: 55766
Ion Ratio Lower Upper
163 100
194 5.3 3.3 4.9#
164 11.0 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.73 ng
RT: 14.940 min Scan# 1998
Delta R.T. 0.012 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 1237.5 32.3 48.5#
154 937.5 49.1 73.7#

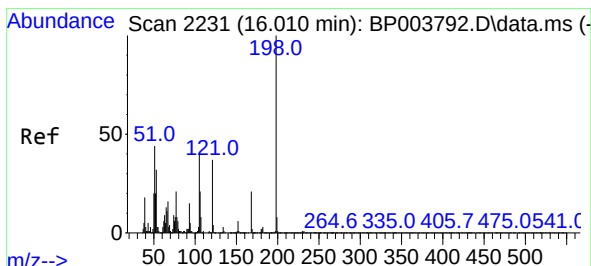
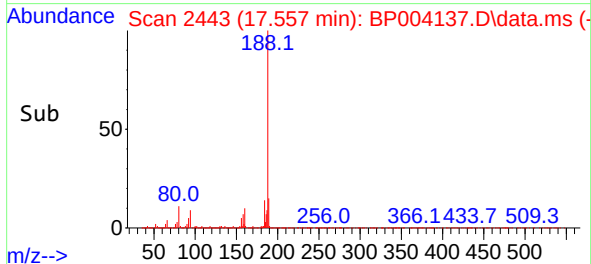
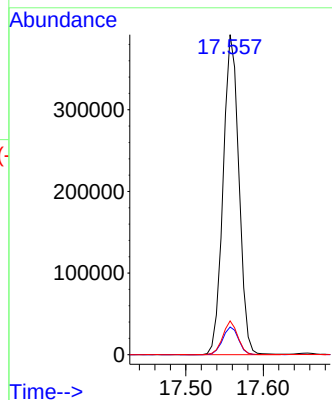
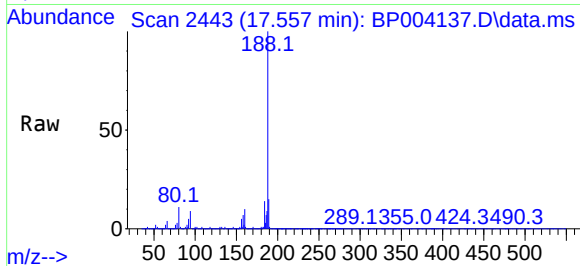




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.557 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

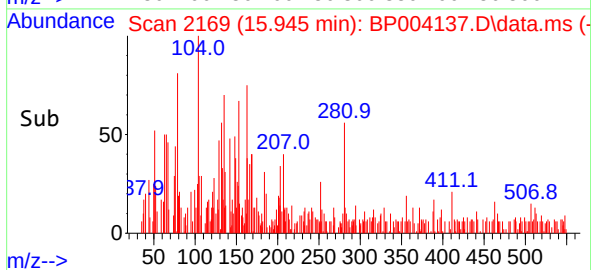
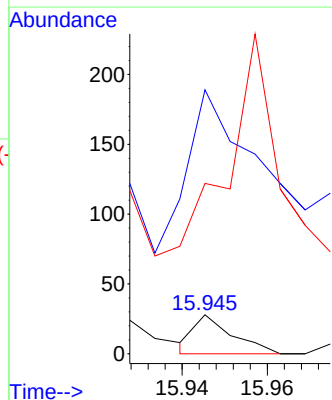
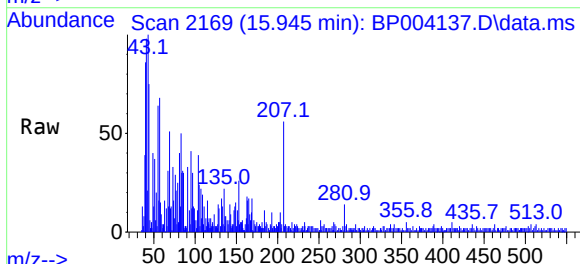
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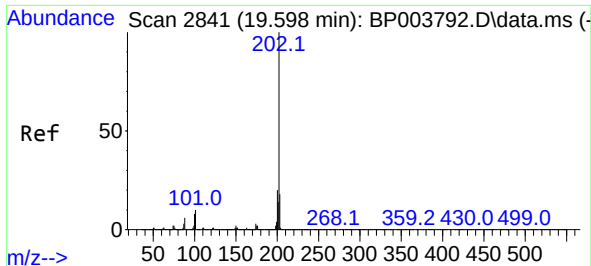
Tgt Ion:	188	Resp:	553900
Ion Ratio	Lower	Upper	
188	100		
94	8.7	6.2	9.2
80	10.6	6.2	9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 15.945 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

Tgt Ion:	198	Resp:	17
Ion Ratio	Lower	Upper	
198	100		
51	675.0	6.4	46.4#
105	435.7	18.9	58.9#

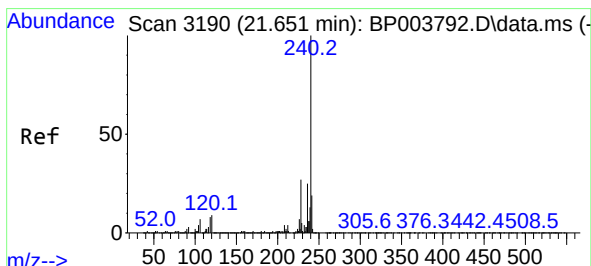
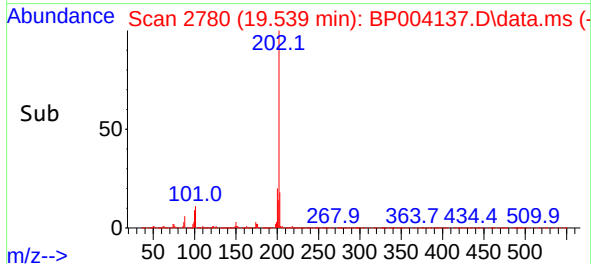
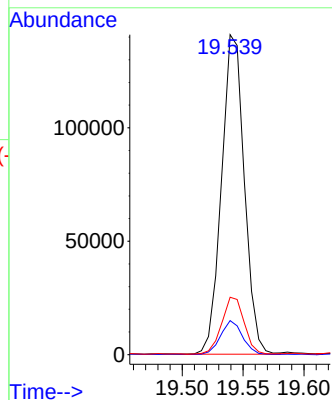
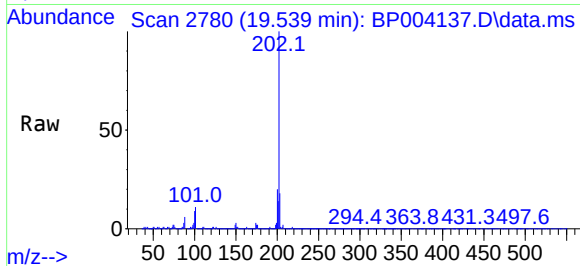




#75
Fluoranthene
Concen: 5.12 ng
RT: 19.539 min Scan# 2780
Delta R.T. -0.006 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

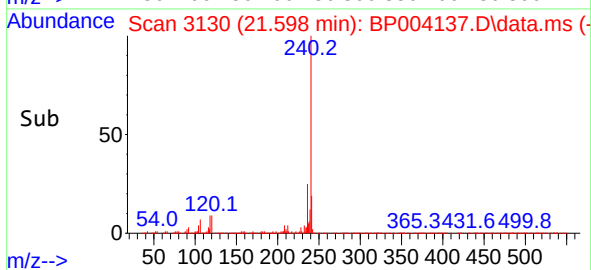
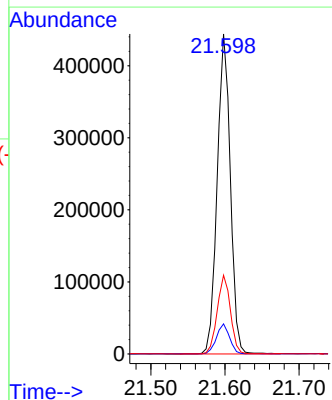
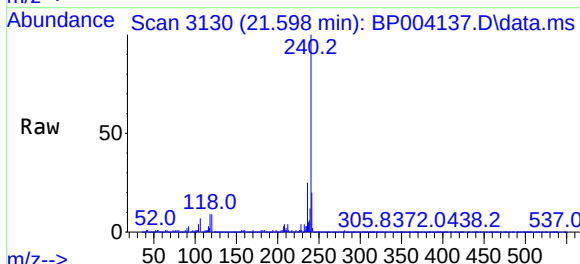
Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPA

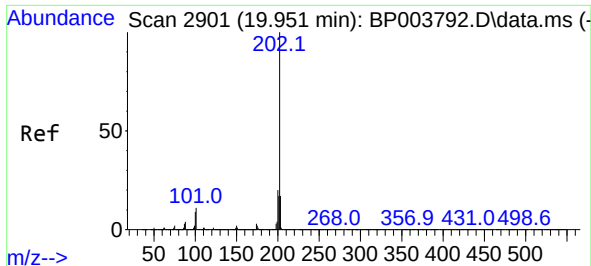
Tgt Ion:	202	Resp:	183820
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	29.4
203	18.0	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.598 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

Tgt Ion:	240	Resp:	544921
Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.8	11.6
236	24.6	20.8	31.2

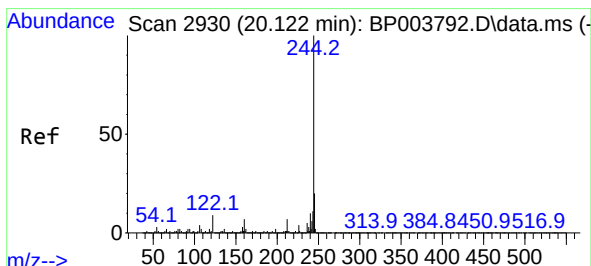
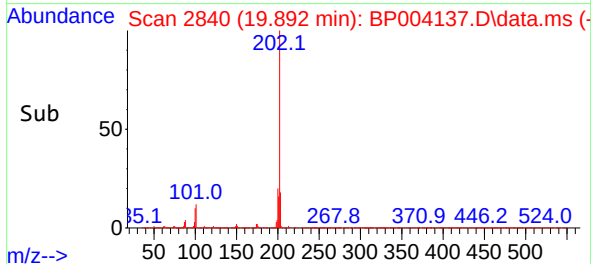
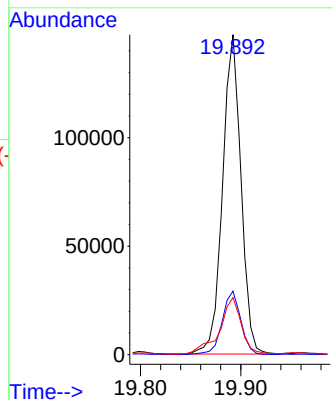
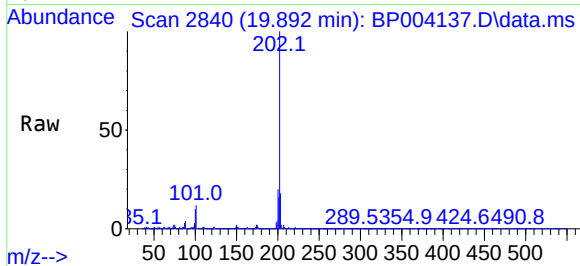




#78
Pyrene
Concen: 5.07 ng
RT: 19.892 min Scan# 2840
Delta R.T. -0.000 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

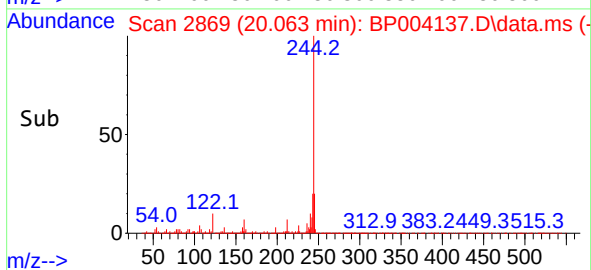
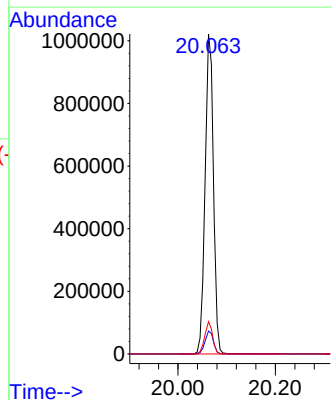
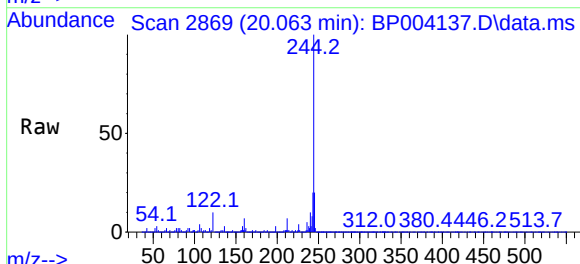
Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPA

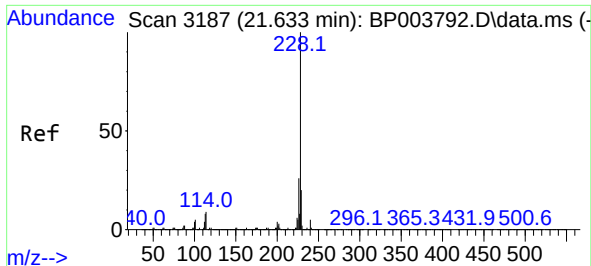
Tgt Ion:202 Resp: 187302
Ion Ratio Lower Upper
202 100
200 19.8 17.1 25.7
203 17.9 14.2 21.2



#79
Terphenyl-d14
Concen: 42.79 ng
RT: 20.063 min Scan# 2869
Delta R.T. -0.006 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

Tgt Ion:244 Resp: 1206968
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 10.1 7.8 11.8

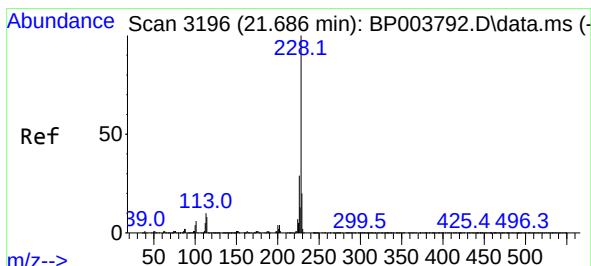
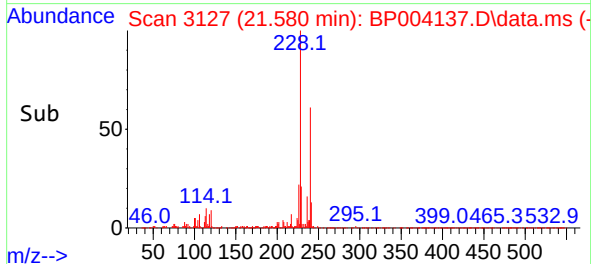
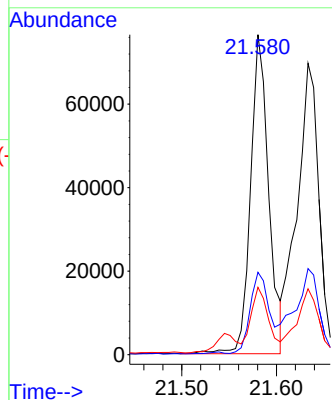
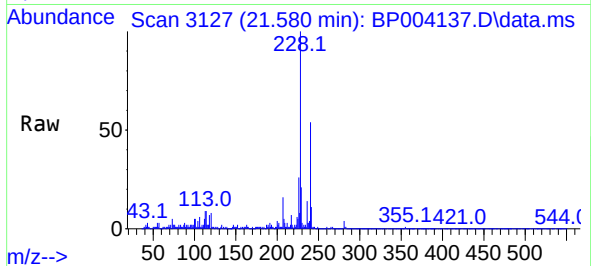




#81
Benzo(a)anthracene
Concen: 2.83 ng
RT: 21.580 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

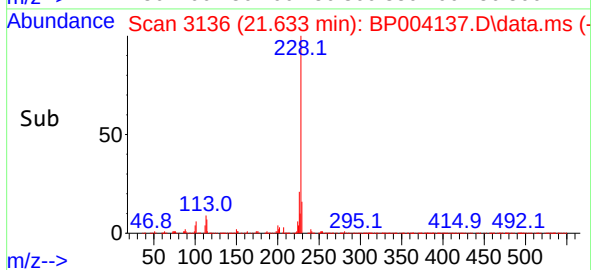
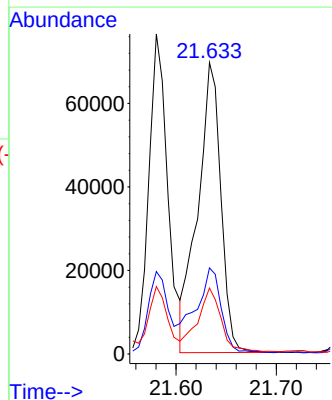
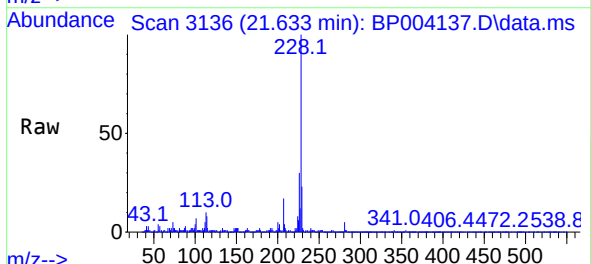
Instrument :
BNA_P
ClientSampled :
SK-12-1-SPA

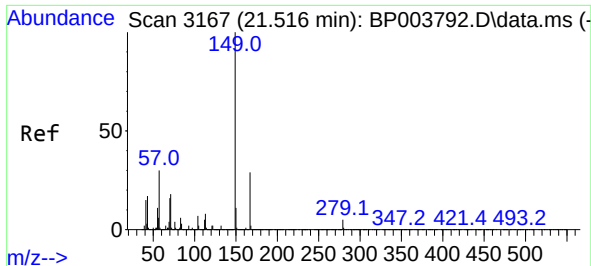
Tgt Ion:228 Resp: 101693
Ion Ratio Lower Upper
228 100
226 25.8 22.1 33.1
229 21.0 15.9 23.9



#83
Chrysene
Concen: 3.23 ng
RT: 21.633 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

Tgt Ion:228 Resp: 111439
Ion Ratio Lower Upper
228 100
226 29.5 24.4 36.6
229 22.6 15.8 23.6

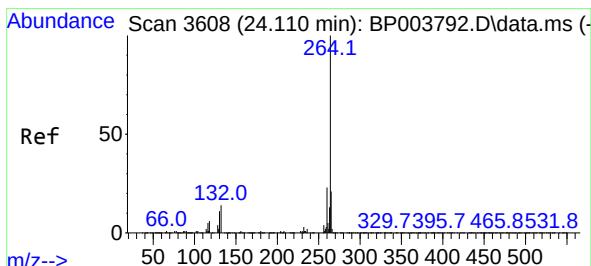
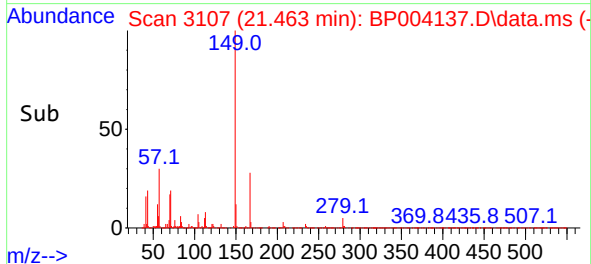
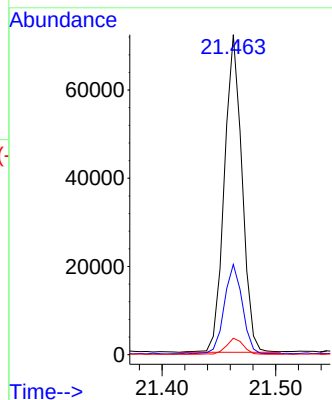
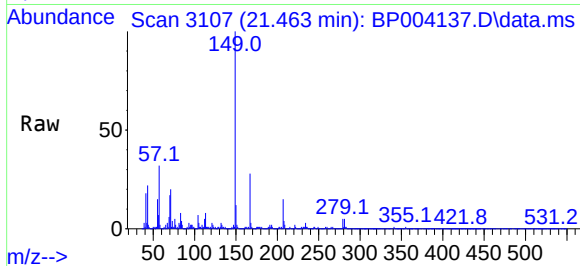




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.84 ng
RT: 21.463 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

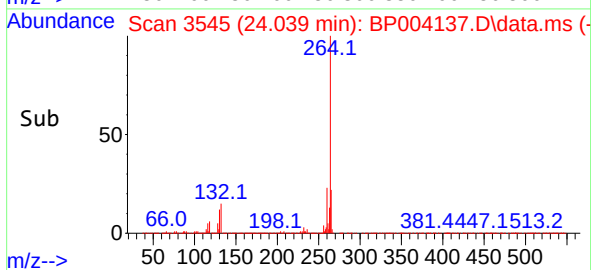
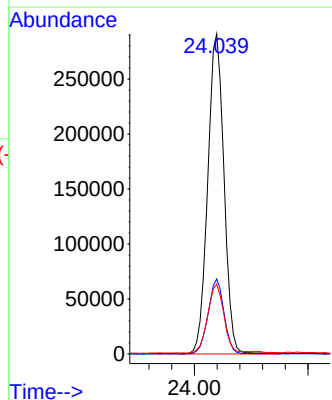
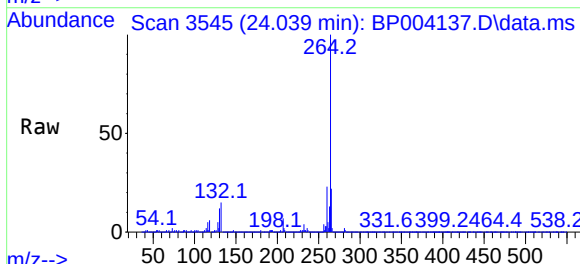
Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPA

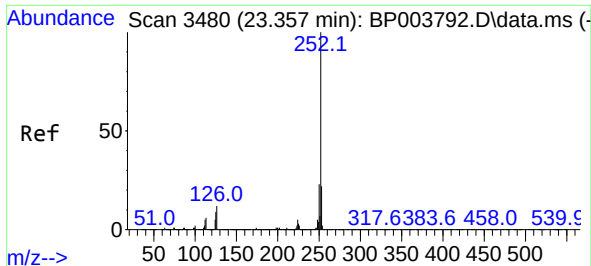
Tgt Ion:	149	Resp:	78073
Ion Ratio	Lower	Upper	
149	100		
167	28.2	22.6	34.0
279	5.1	4.2	6.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.039 min Scan# 3545
Delta R.T. -0.000 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

Tgt Ion:	264	Resp:	574973
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.8	28.2
265	21.8	17.4	26.2

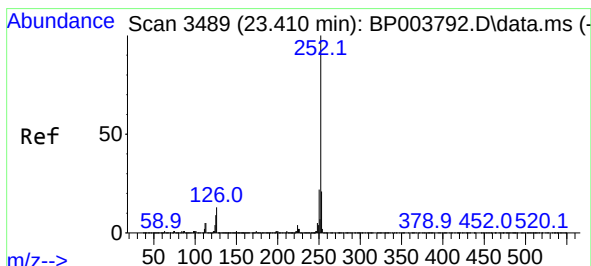
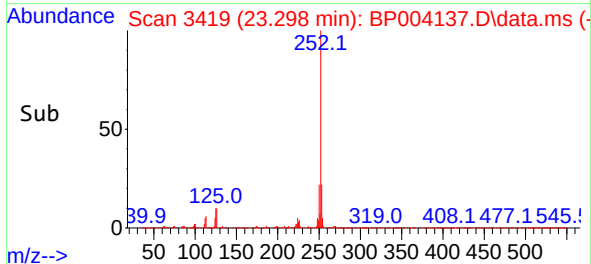
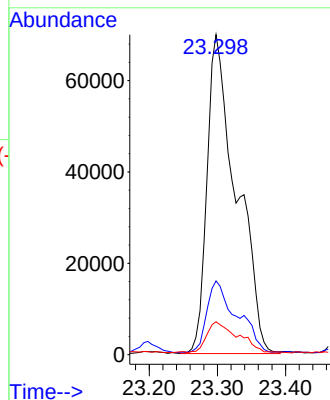
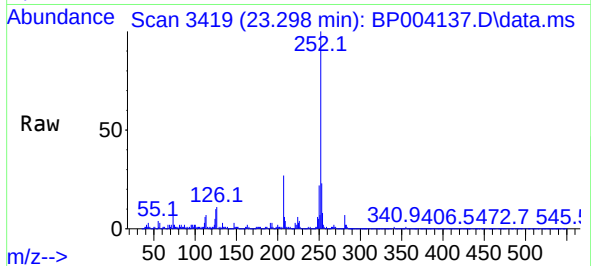




#88
Benzo(b)fluoranthene
Concen: 5.57 ng
RT: 23.298 min Scan# 3419
Delta R.T. -0.000 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

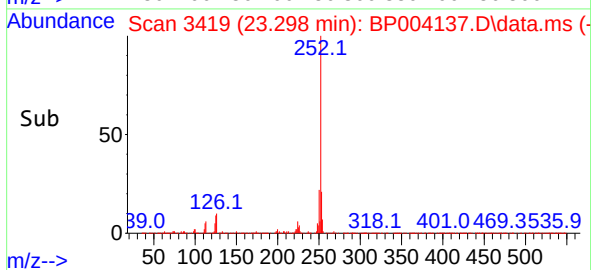
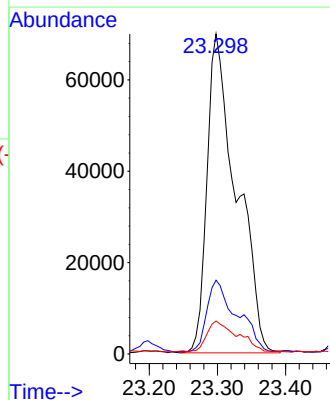
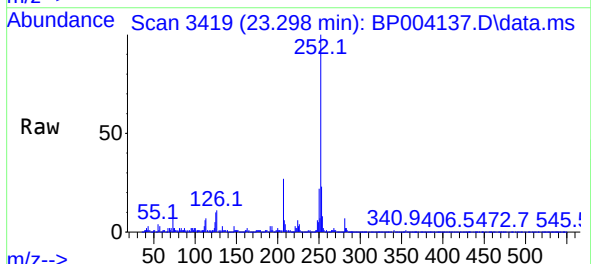
Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPA

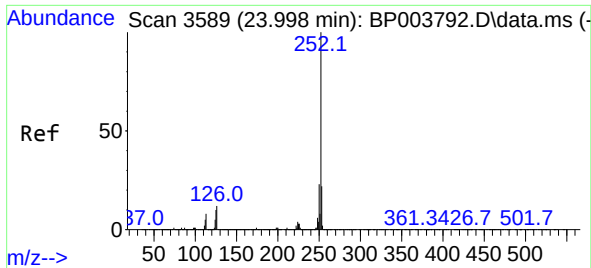
Tgt Ion:252 Resp: 209561
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 10.3 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 5.64 ng
RT: 23.298 min Scan# 3419
Delta R.T. -0.047 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

Tgt Ion:252 Resp: 209561
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 10.3 7.4 11.2





#90
Benzo(a)pyrene
Concen: 2.24 ng
RT: 23.933 min Scan# 3527
Delta R.T. -0.000 min
Lab File: BP004137.D
Acq: 03 Dec 2020 19:43

Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPA

Tgt Ion:252 Resp: 77968
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 9.6 8.2 12.4

