

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113020\
 Data File : BP004117.D
 Acq On : 30 Nov 2020 18:05
 Operator : CG/JU
 Sample : L4896-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 61-70

Quant Time: Dec 01 00:24:29 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 16:42:41 2020
 Response via : Initial Calibration

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

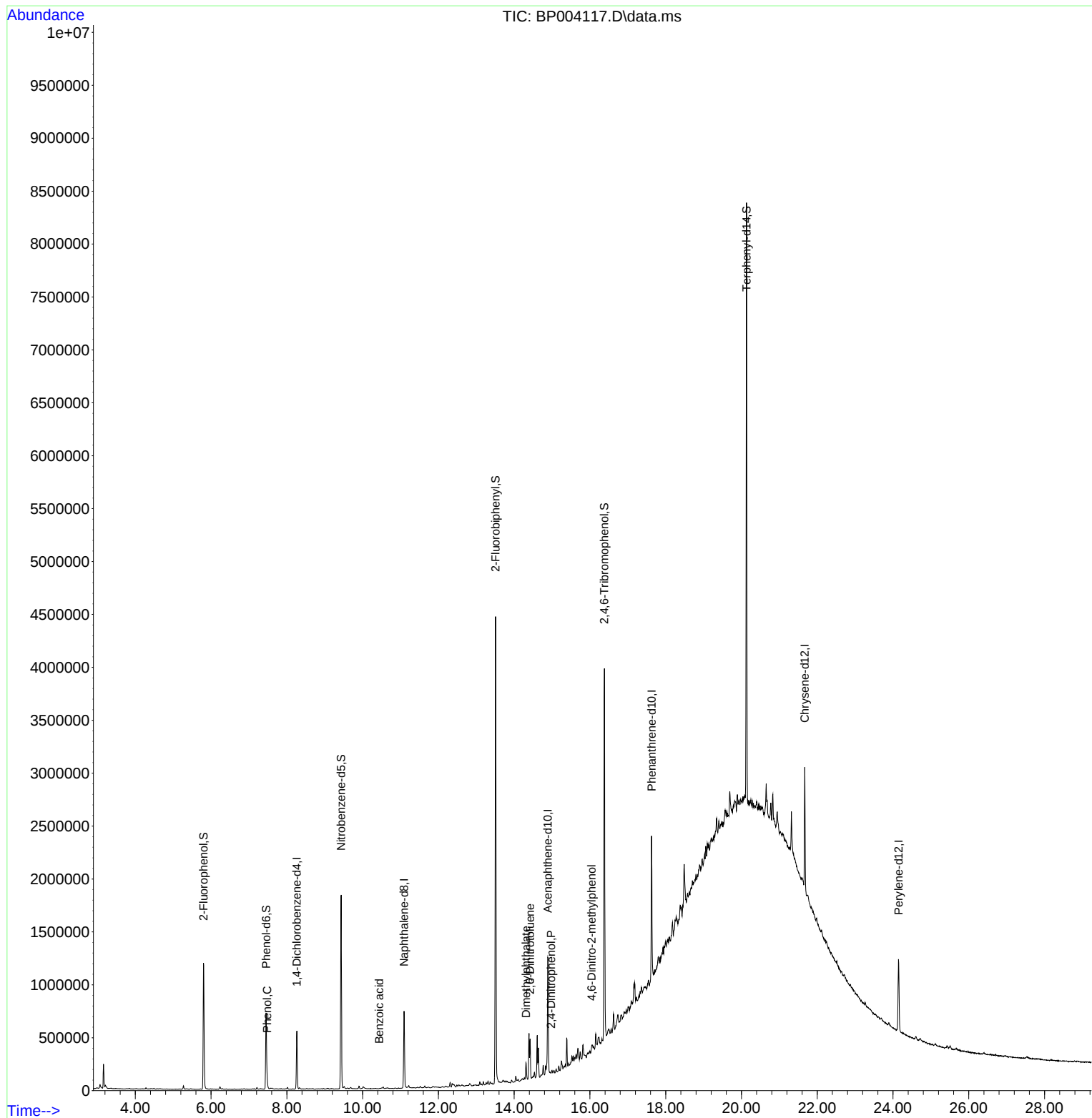
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	145688	20.00	ng	0.00
21) Naphthalene-d8	11.093	136	591698	20.00	ng	# 0.00
39) Acenaphthene-d10	14.887	164	381172	20.00	ng	0.00
64) Phenanthrene-d10	17.628	188	780219	20.00	ng	# 0.00
76) Chrysene-d12	21.669	240	585738	20.00	ng	0.00
86) Perylene-d12	24.145	264	537888	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	543285	62.24	ng	0.00
7) Phenol-d6	7.452	99	427133	34.09	ng	0.00
23) Nitrobenzene-d5	9.434	82	1062579	87.95	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	681046	142.85	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	2338239	85.76	ng	0.00
79) Terphenyl-d14	20.133	244	2491712	82.19	ng	0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.369	77	762	Below Cal	#	59
10) Phenol	7.481	94	33369	2.76	ng	85
32) Benzoic acid	10.440	122	173	8.33	ng	95
50) Dimethylphthalate	14.310	163	104086	3.49	ng	99
51) 2,6-Dinitrotoluene	14.422	165	60900	9.96	ng	# 40
54) 2,4-Dinitrophenol	14.975	184	205	2.83	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.045	198	4109	7.19	ng	# 1

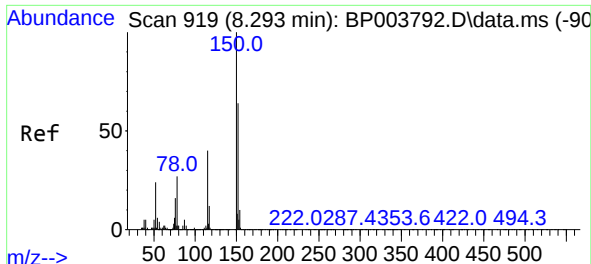
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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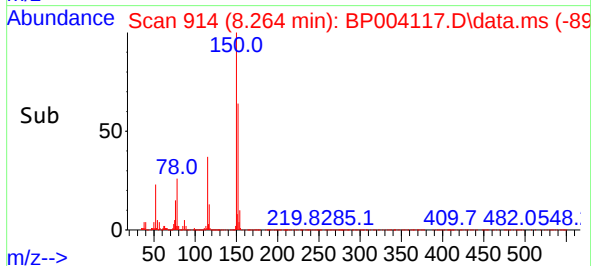
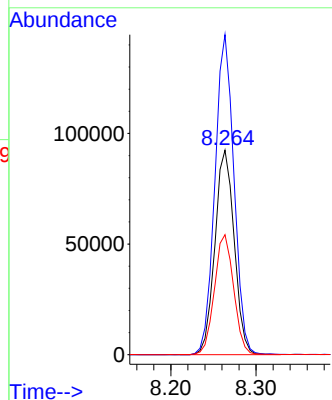
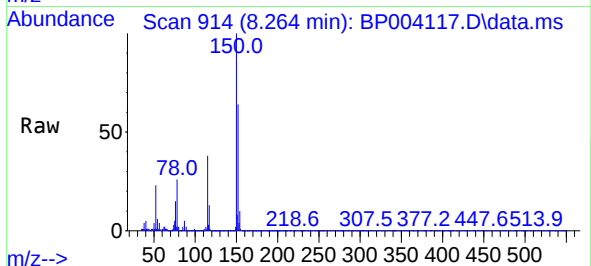




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.264 min Scan# 914
Delta R.T. -0.005 min
Lab File: BP004117.D
Acq: 30 Nov 2020 18:05

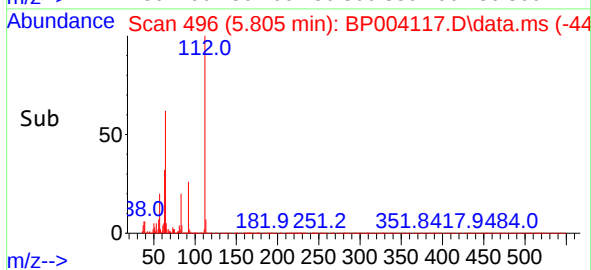
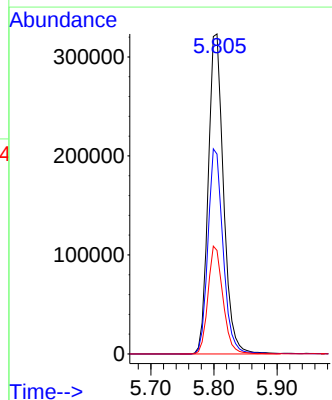
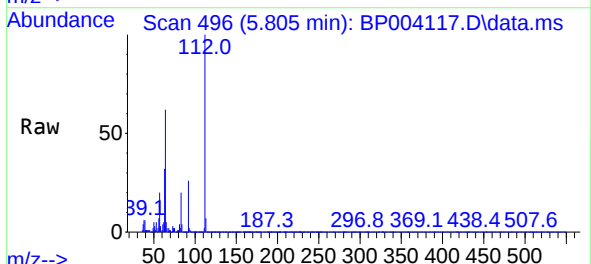
Instrument :
BNA_P
ClientSampleId :
61-70

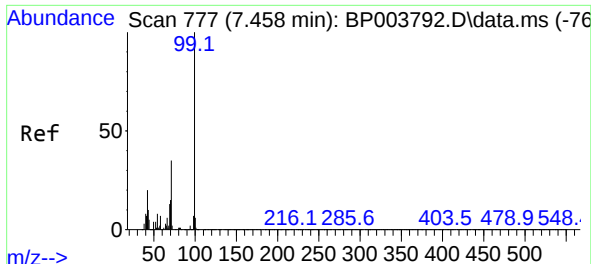
Tgt Ion:152 Resp: 145688
Ion Ratio Lower Upper
152 100
150 156.5 123.8 185.6
115 58.7 43.8 65.6



#5
2-Fluorophenol
Concen: 62.24 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP004117.D
Acq: 30 Nov 2020 18:05

Tgt Ion:112 Resp: 543285
Ion Ratio Lower Upper
112 100
64 62.4 32.8 49.2#
63 32.4 17.0 25.4#

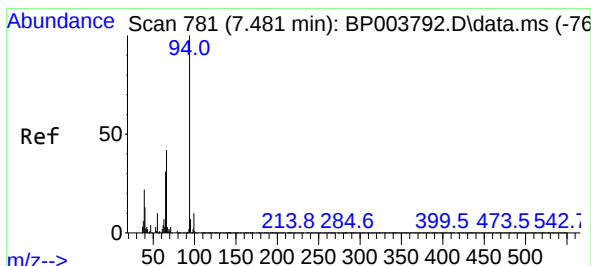
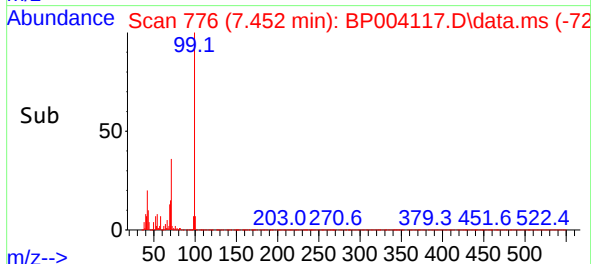
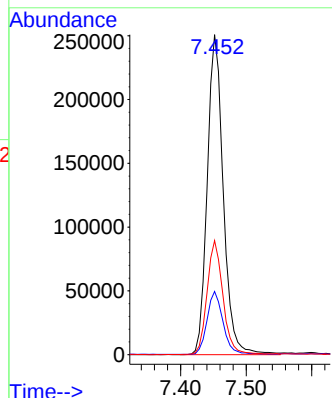
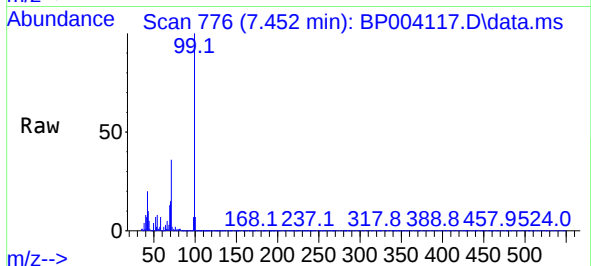




#7
Phenol-d6
Concen: 34.09 ng
RT: 7.452 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP004117.D
Acq: 30 Nov 2020 18:05

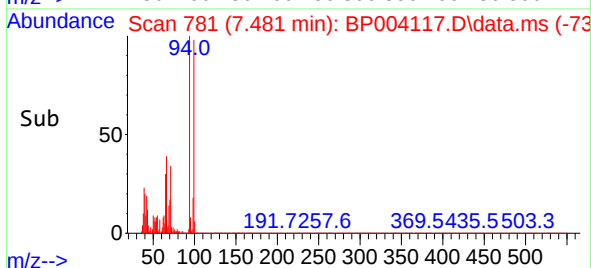
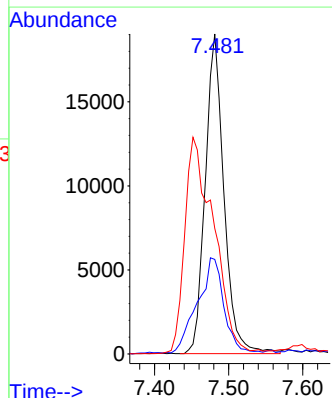
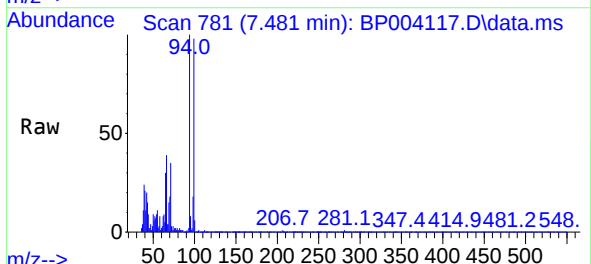
Instrument :
BNA_P
ClientSampled :
61-70

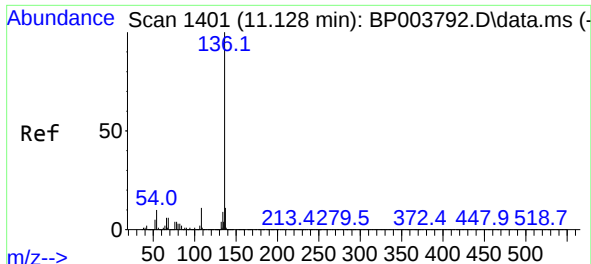
Tgt Ion: 99 Resp: 427133
Ion Ratio Lower Upper
99 100
42 19.8 8.6 13.0#
71 35.7 23.4 35.2#



#10
Phenol
Concen: 2.76 ng
RT: 7.481 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP004117.D
Acq: 30 Nov 2020 18:05

Tgt Ion: 94 Resp: 33369
Ion Ratio Lower Upper
94 100
65 29.6 2.3 42.3
66 39.2 10.9 50.9

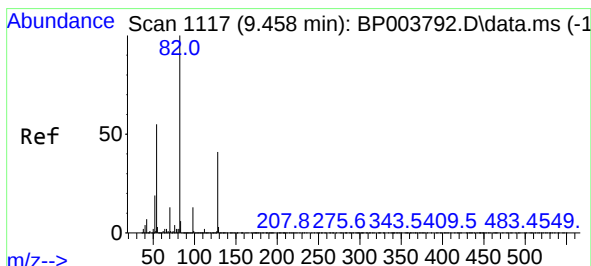
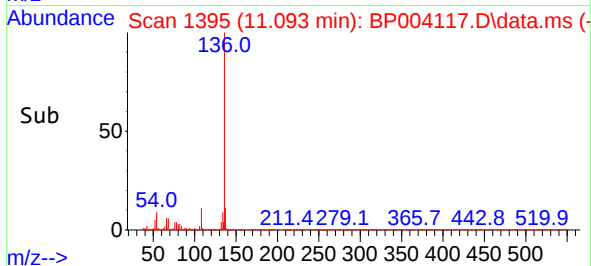
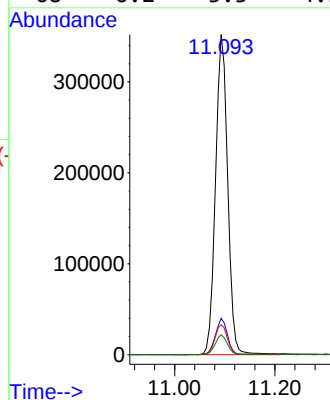
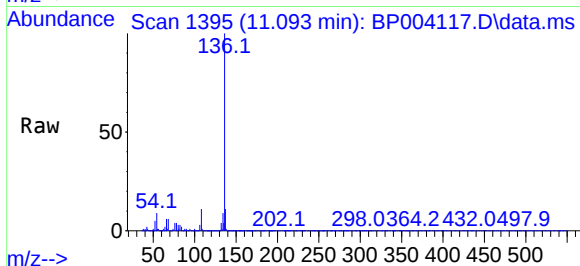




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.093 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BP004117.D
Acq: 30 Nov 2020 18:05

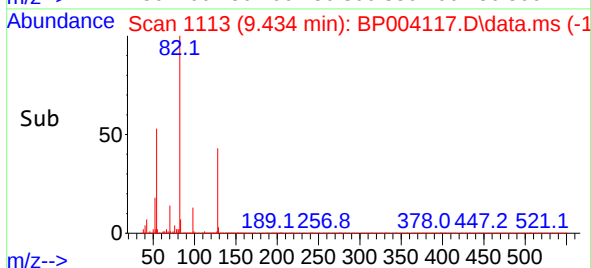
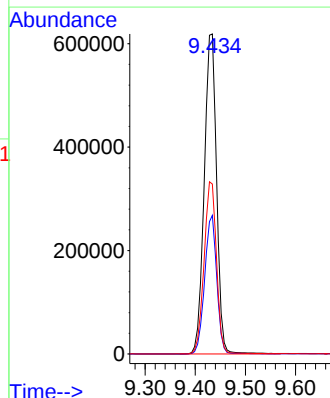
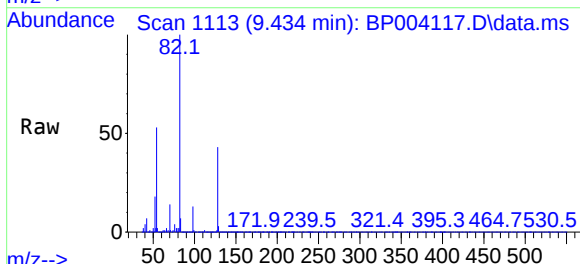
Instrument :
BNA_P
ClientSampleId :
61-70

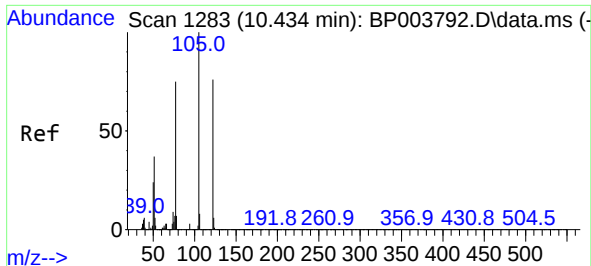
Tgt Ion:	136	Resp:	591698
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.3	3.6	5.4#
68	6.2	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 87.95 ng
RT: 9.434 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BP004117.D
Acq: 30 Nov 2020 18:05

Tgt Ion:	82	Resp:	1062579
Ion	Ratio	Lower	Upper
82	100		
128	43.3	45.6	68.4#
54	53.1	30.1	45.1#

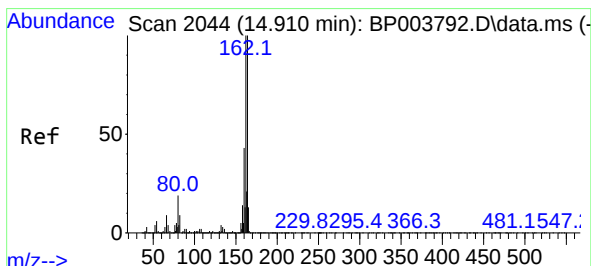
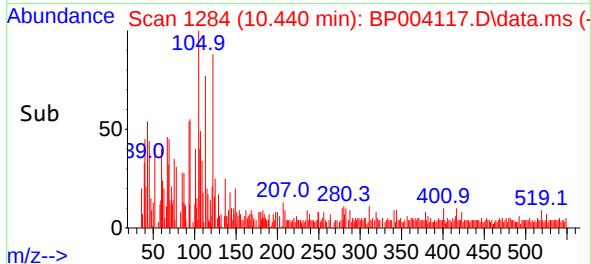
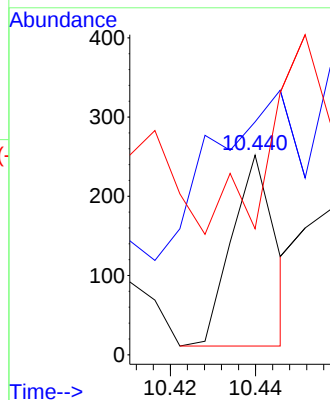
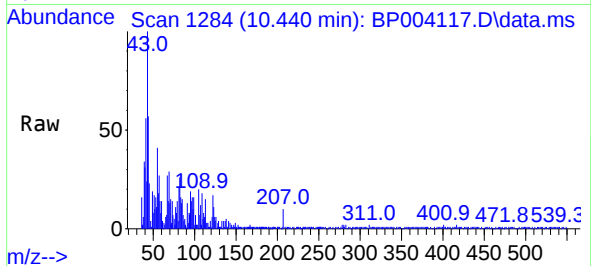




#32
Benzoic acid
Concen: 8.33 ng
RT: 10.440 min Scan# 1284
Delta R.T. -0.017 min
Lab File: BP004117.D
Acq: 30 Nov 2020 18:05

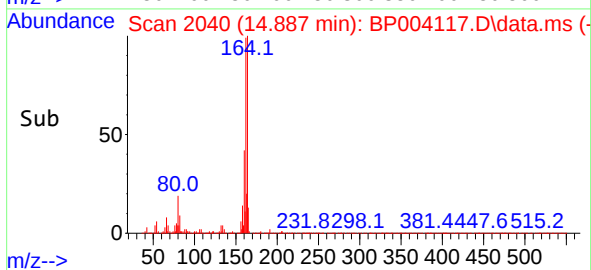
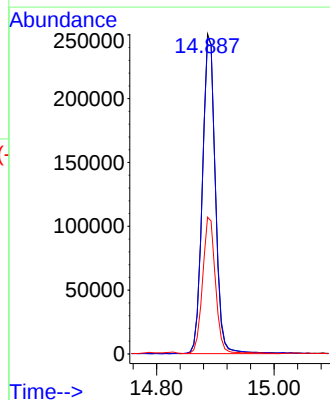
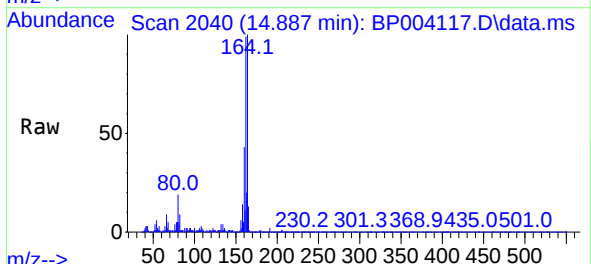
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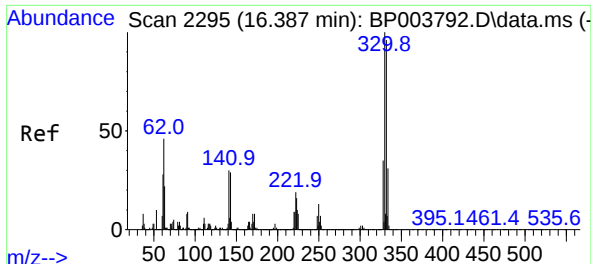
Tgt Ion:	122	Resp:	173
Ion	Ratio	Lower	Upper
122	100		
105	116.7	94.1	134.1
77	63.1	50.1	90.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.005 min
Lab File: BP004117.D
Acq: 30 Nov 2020 18:05

Tgt Ion:	164	Resp:	381172
Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.4	119.2
160	42.8	36.1	54.1

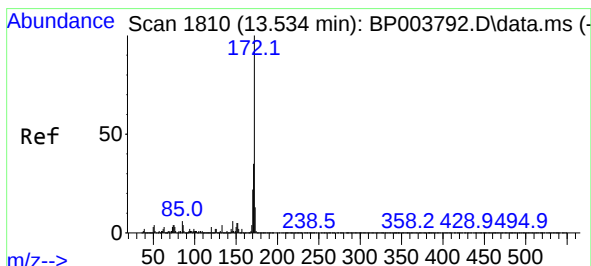
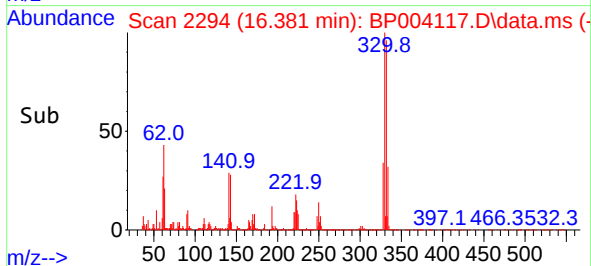
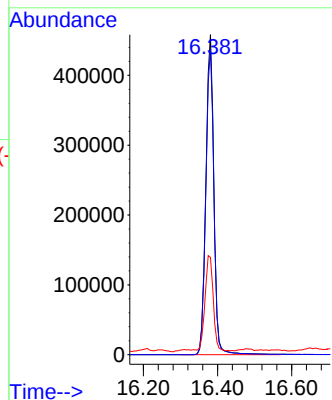
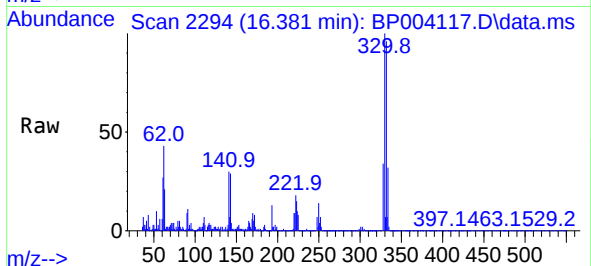




#42
2,4,6-Tribromophenol
Concen: 142.85 ng
RT: 16.381 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BP004117.D
Acq: 30 Nov 2020 18:05

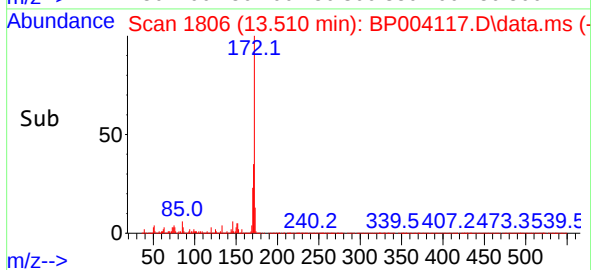
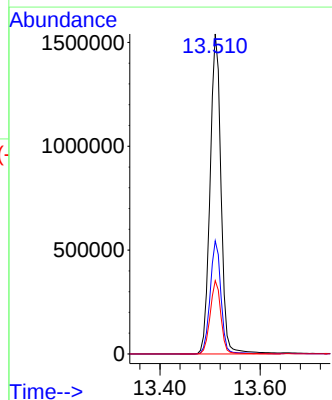
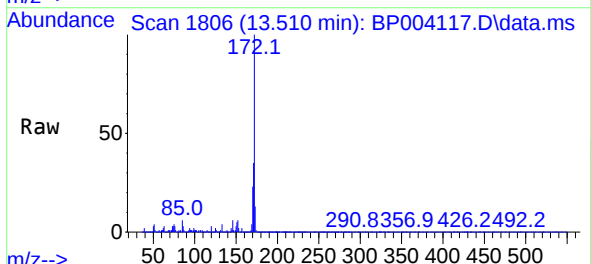
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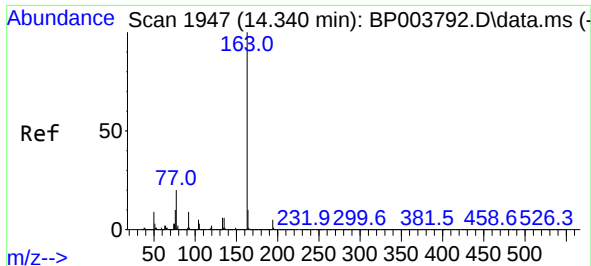
Tgt Ion:330 Resp: 681046
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 30.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 85.76 ng
RT: 13.510 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BP004117.D
Acq: 30 Nov 2020 18:05

Tgt Ion:172 Resp: 2338239
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 22.9 19.2 28.8

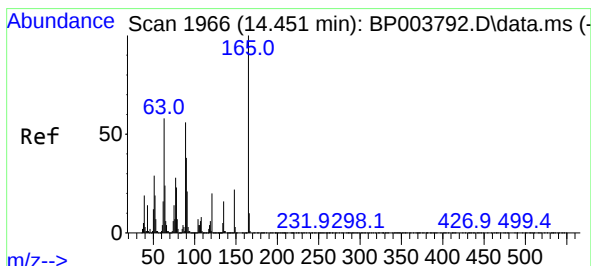
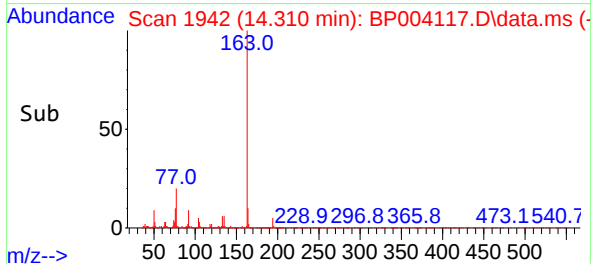
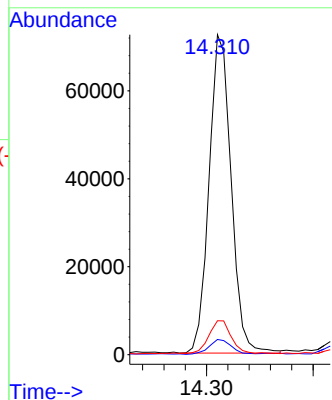
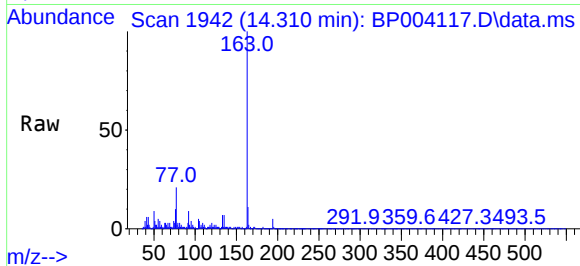




#50
Dimethylphthalate
Concen: 3.49 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.011 min
Lab File: BP004117.D
Acq: 30 Nov 2020 18:05

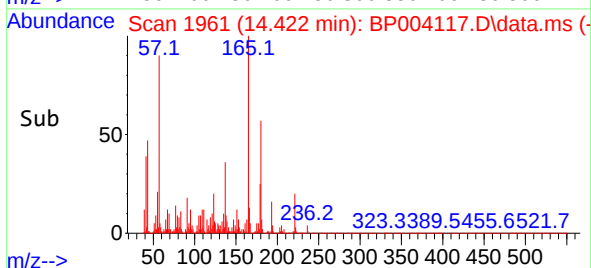
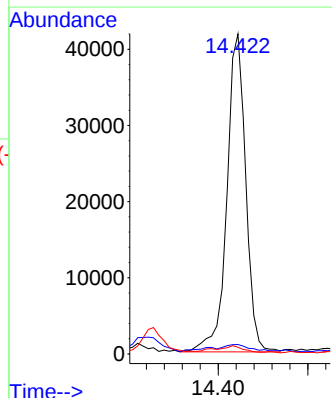
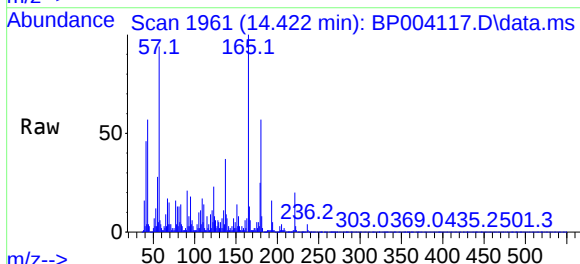
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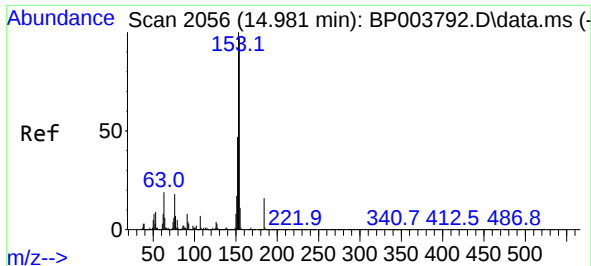
Tgt Ion:163 Resp: 104086
Ion Ratio Lower Upper
163 100
194 4.8 3.3 4.9
164 10.6 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 9.96 ng
RT: 14.422 min Scan# 1961
Delta R.T. -0.017 min
Lab File: BP004117.D
Acq: 30 Nov 2020 18:05

Tgt Ion:165 Resp: 60900
Ion Ratio Lower Upper
165 100
63 2.9 27.8 41.6#
89 2.1 34.6 52.0#

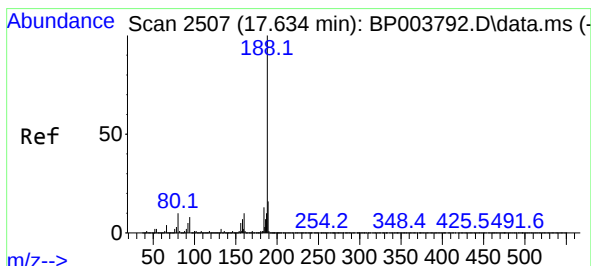
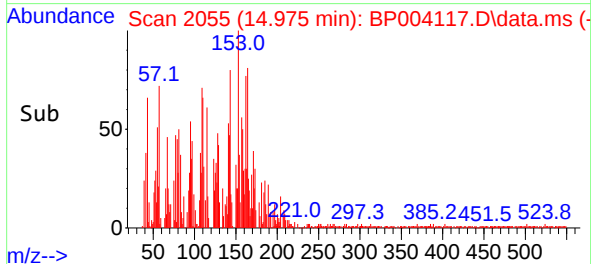
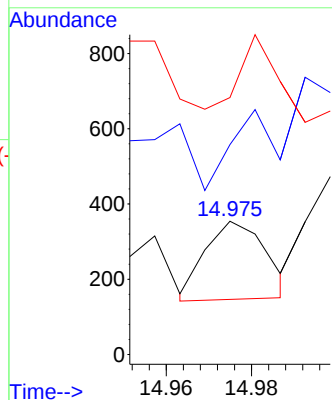
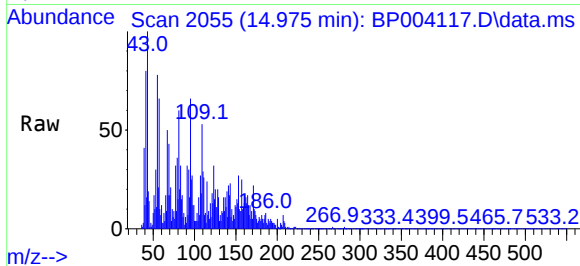




#54
2,4-Dinitrophenol
Concen: 2.83 ng
RT: 14.975 min Scan# 2055
Delta R.T. -0.017 min
Lab File: BP004117.D
Acq: 30 Nov 2020 18:05

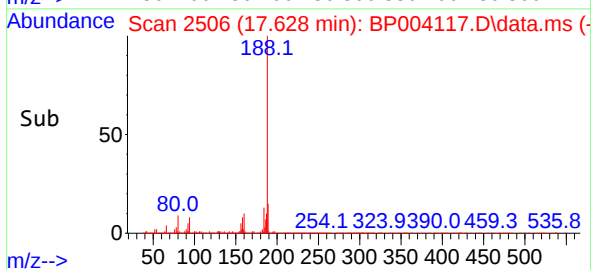
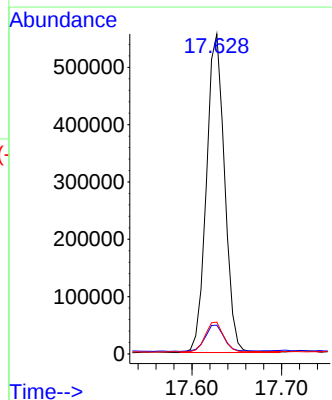
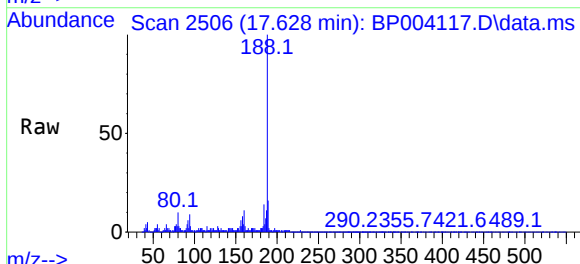
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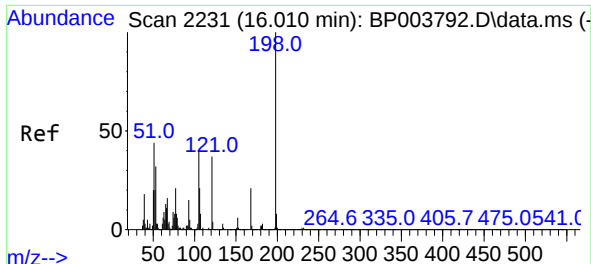
Tgt Ion:	184	Resp:	205
Ion	Ratio	Lower	Upper
184	100		
63	157.6	32.3	48.5#
154	192.9	49.1	73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.628 min Scan# 2506
Delta R.T. 0.006 min
Lab File: BP004117.D
Acq: 30 Nov 2020 18:05

Tgt Ion:	188	Resp:	780219
Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.2	9.2
80	9.9	6.2	9.2#

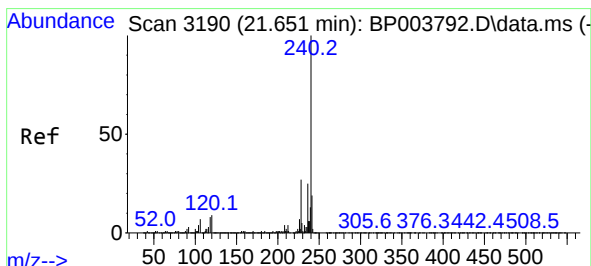
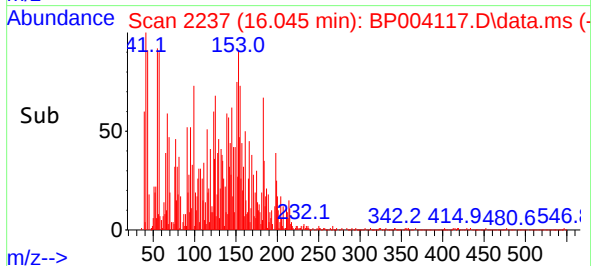
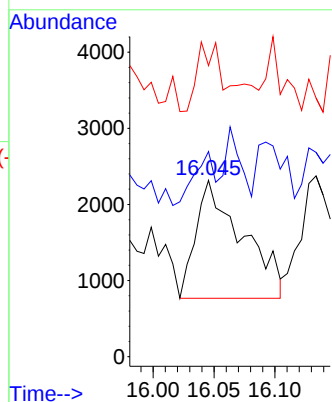
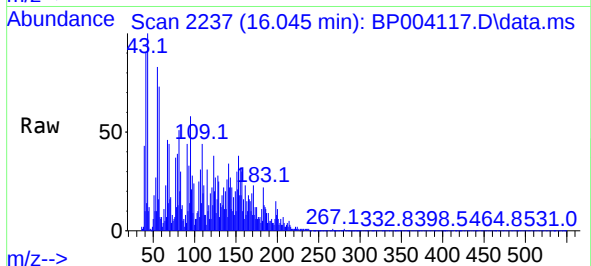




#65
4,6-Dinitro-2-methylphenol
Concen: 7.19 ng
RT: 16.045 min Scan# 2237
Delta R.T. 0.030 min
Lab File: BP004117.D
Acq: 30 Nov 2020 18:05

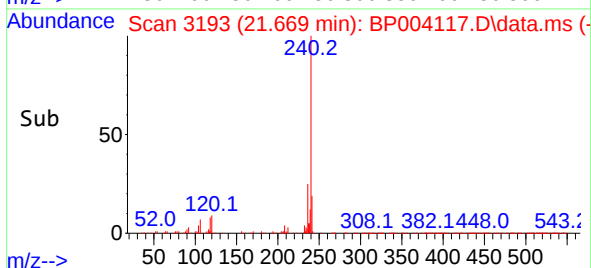
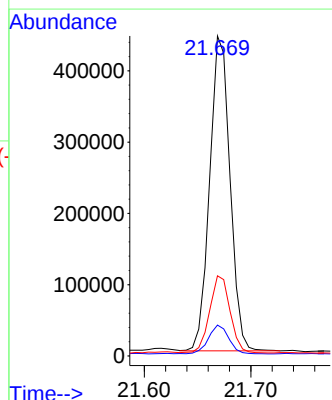
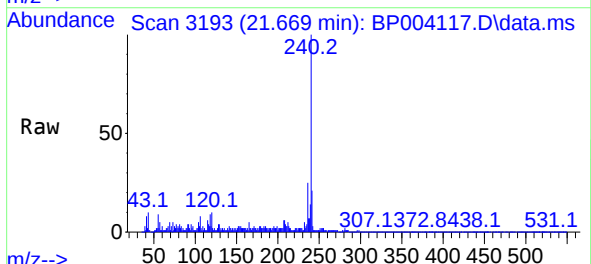
Instrument :
BNA_P
ClientSampleId :
61-70

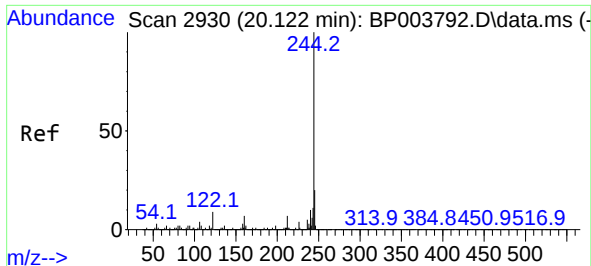
Tgt Ion:198 Resp: 4109
Ion Ratio Lower Upper
198 100
51 116.3 6.4 46.4#
105 165.0 18.9 58.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.669 min Scan# 3193
Delta R.T. 0.006 min
Lab File: BP004117.D
Acq: 30 Nov 2020 18:05

Tgt Ion:240 Resp: 585738
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.6
236 25.1 20.8 31.2



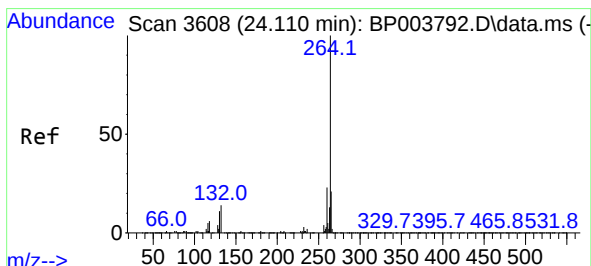
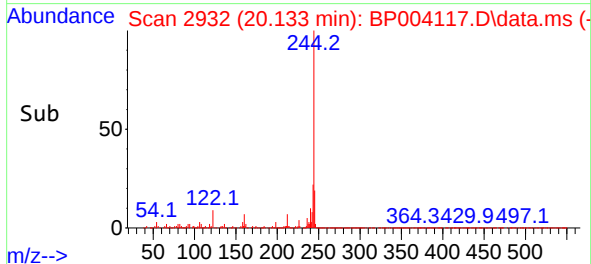
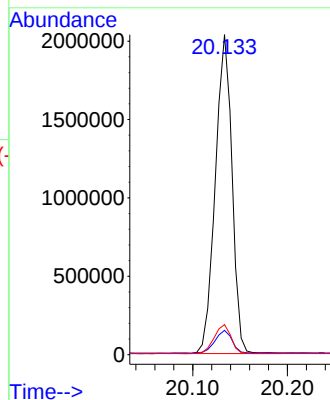
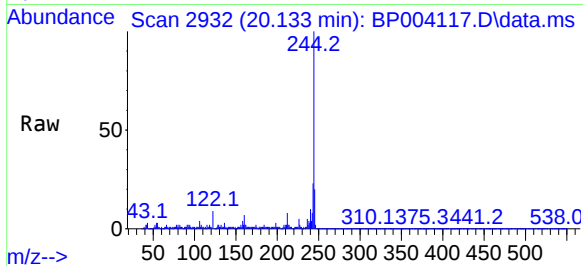


#79
Terphenyl-d14
Concen: 82.19 ng
RT: 20.133 min Scan# 2932
Delta R.T. 0.012 min
Lab File: BP004117.D
Acq: 30 Nov 2020 18:05

Instrument :
BNA_P
ClientSampleId :
61-70

Tgt Ion:244 Resp: 2491712

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	9.4	7.8	11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.145 min Scan# 3614
Delta R.T. 0.018 min
Lab File: BP004117.D
Acq: 30 Nov 2020 18:05

Tgt Ion:264 Resp: 537888

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.8	28.2
265	21.3	17.4	26.2

