

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
 Data File : BP004046.D
 Acq On : 21 Nov 2020 19:47
 Operator : CG/JU
 Sample : L4839-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B5-GW

Quant Time: Nov 23 05:01:07 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)

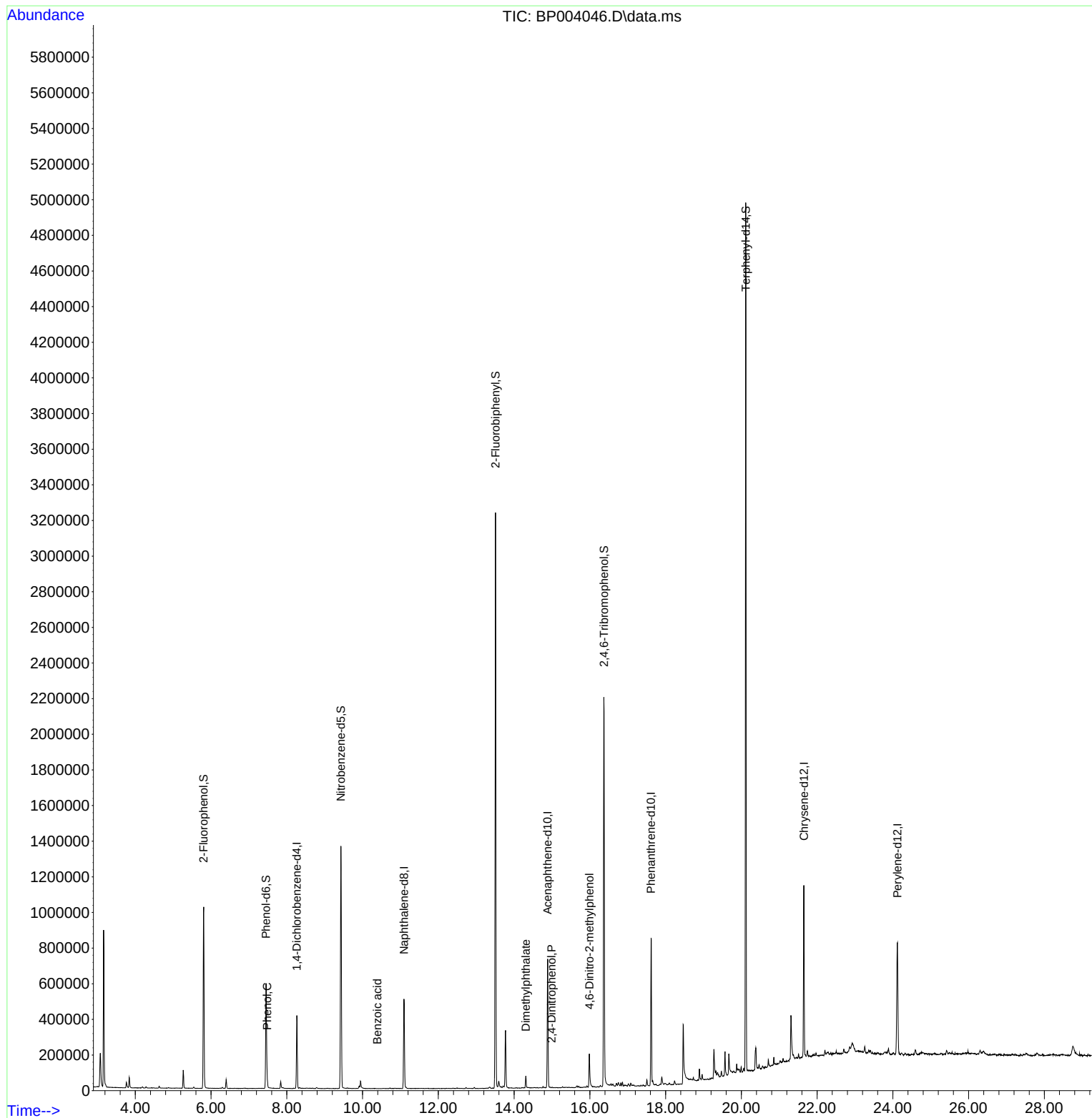
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.263	152	108717	20.00	ng	-0.03
21) Naphthalene-d8	11.093	136	405699	20.00	ng	#-0.04
39) Acenaphthene-d10	14.887	164	243148	20.00	ng	-0.02
64) Phenanthrene-d10	17.616	188	510640	20.00	ng	-0.02
76) Chrysene-d12	21.651	240	477832	20.00	ng	0.00
86) Perylene-d12	24.121	264	511717	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	433344	66.53	ng	0.00
7) Phenol-d6	7.452	99	325748	34.84	ng	0.00
23) Nitrobenzene-d5	9.428	82	762131	92.00	ng	-0.03
42) 2,4,6-Tribromophenol	16.375	330	438280	144.12	ng	-0.01
45) 2-Fluorobiphenyl	13.510	172	1593470	91.62	ng	-0.02
79) Terphenyl-d14	20.116	244	2033869	82.23	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.363	77	108	Below Cal	#	39
10) Phenol	7.481	94	26661	2.95	ng	83
32) Benzoic acid	10.387	122	44	8.32	ng	# 1
50) Dimethylphthalate	14.310	163	41440	2.18	ng	98
54) 2,4-Dinitrophenol	14.987	184	25	2.75	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.986	198	102	6.37	ng	# 1

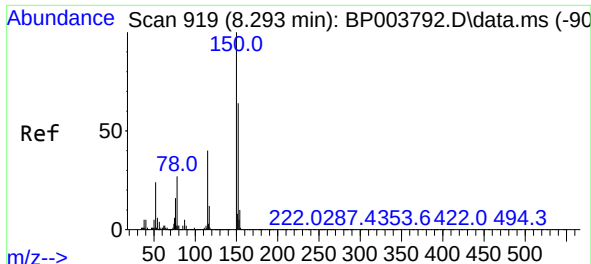
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 23 03:48:44 2020
Response via : Initial Calibration

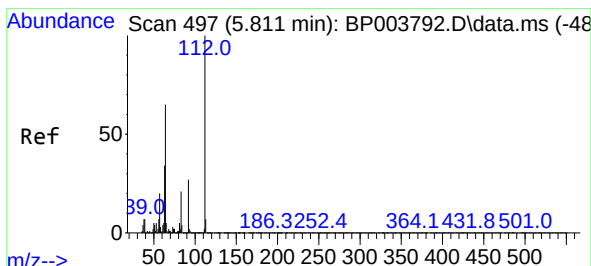
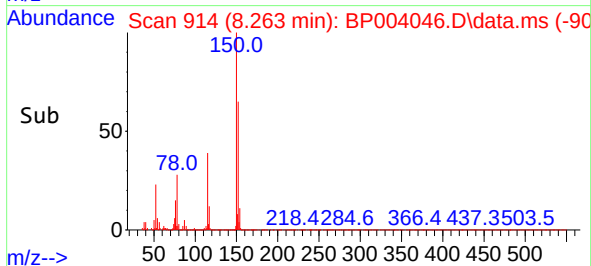
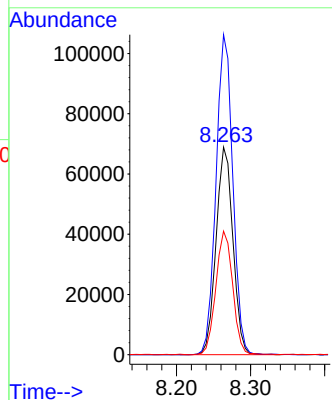
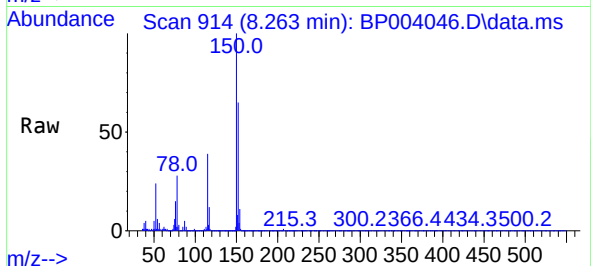




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.263 min Scan# 914
Delta R.T. -0.030 min
Lab File: BP004046.D
Acq: 21 Nov 2020 19:47

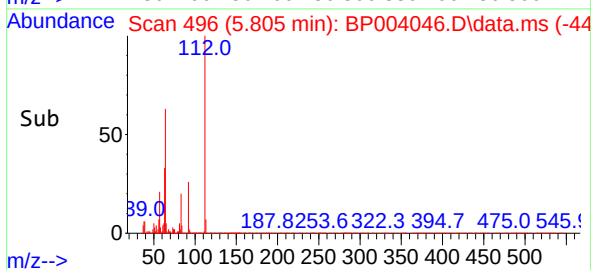
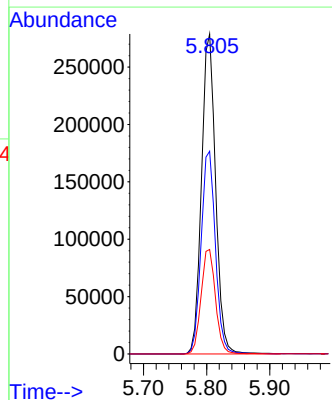
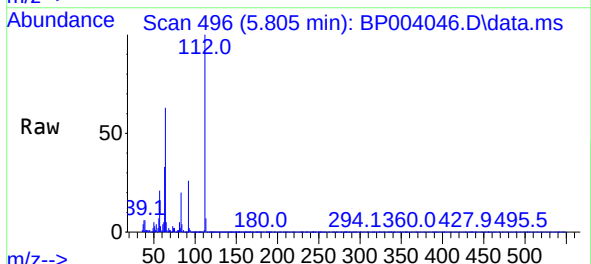
Instrument :
BNA_P
ClientSampled :
B5-GW

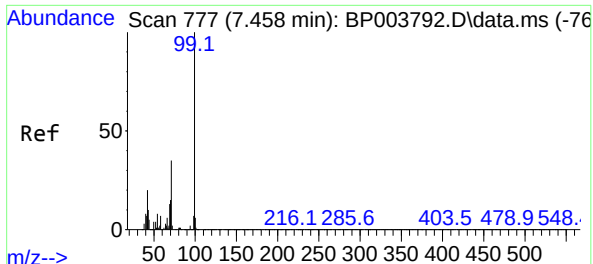
Tgt Ion:152 Resp: 108717
Ion Ratio Lower Upper
152 100
150 154.2 123.8 185.6
115 59.5 43.8 65.6



#5
2-Fluorophenol
Concen: 66.53 ng
RT: 5.805 min Scan# 496
Delta R.T. -0.006 min
Lab File: BP004046.D
Acq: 21 Nov 2020 19:47

Tgt Ion:112 Resp: 433344
Ion Ratio Lower Upper
112 100
64 63.4 32.8 49.2#
63 32.7 17.0 25.4#

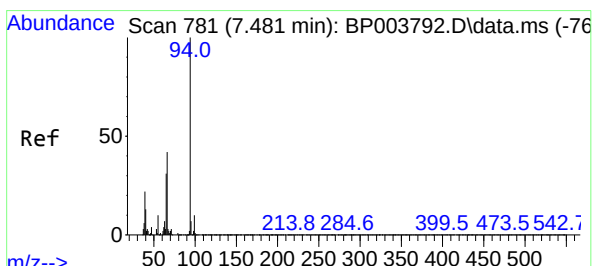
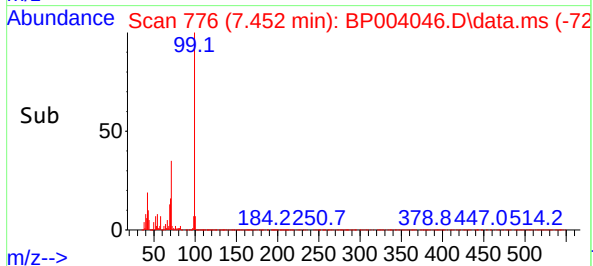
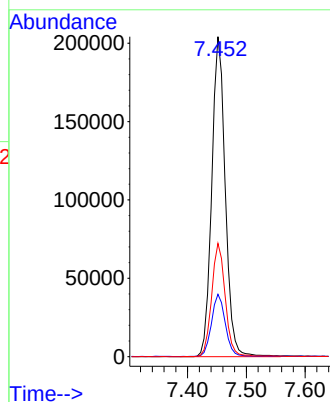
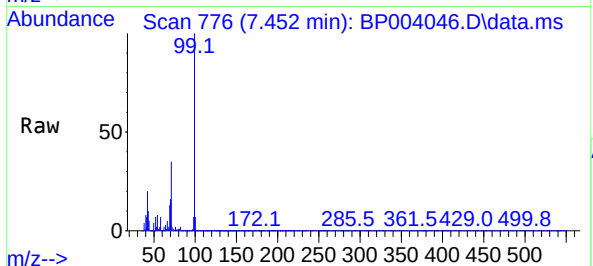




#7
Phenol-d6
Concen: 34.84 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.006 min
Lab File: BP004046.D
Acq: 21 Nov 2020 19:47

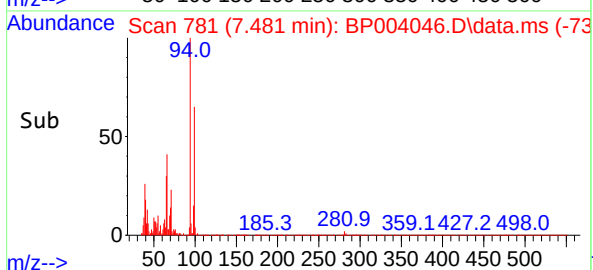
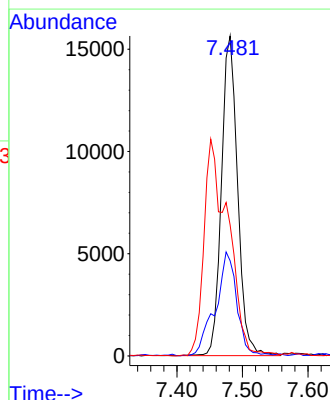
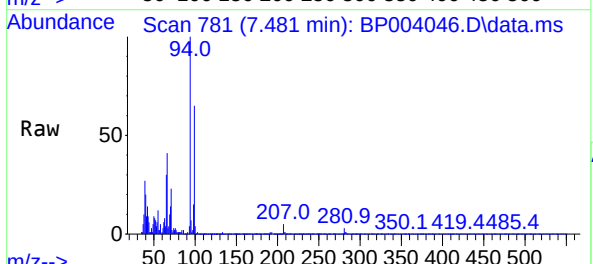
Instrument :
BNA_P
ClientSampleId :
B5-GW

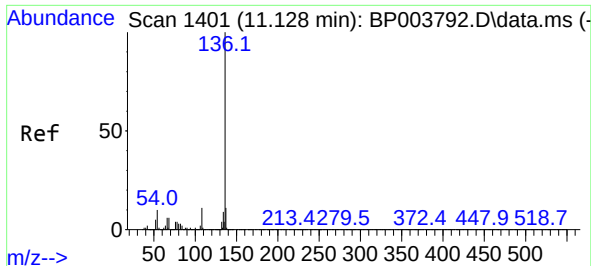
Tgt Ion: 99 Resp: 325748
Ion Ratio Lower Upper
99 100
42 19.5 8.6 13.0#
71 35.4 23.4 35.2#



#10
Phenol
Concen: 2.95 ng
RT: 7.481 min Scan# 781
Delta R.T. -0.000 min
Lab File: BP004046.D
Acq: 21 Nov 2020 19:47

Tgt Ion: 94 Resp: 26661
Ion Ratio Lower Upper
94 100
65 29.8 2.3 42.3
66 40.9 10.9 50.9

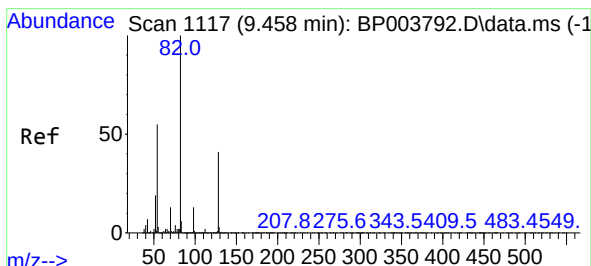
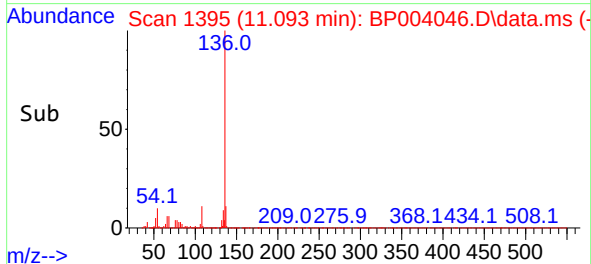
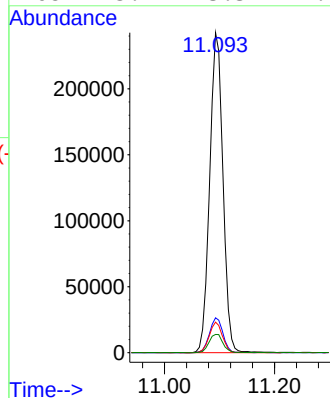
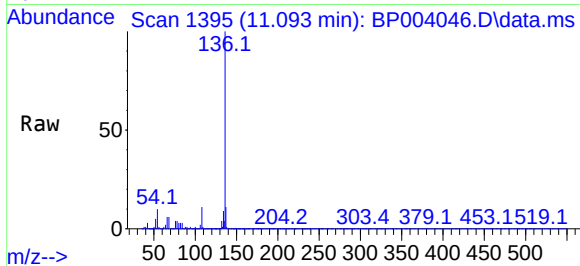




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.093 min Scan# 1395
Delta R.T. -0.035 min
Lab File: BP004046.D
Acq: 21 Nov 2020 19:47

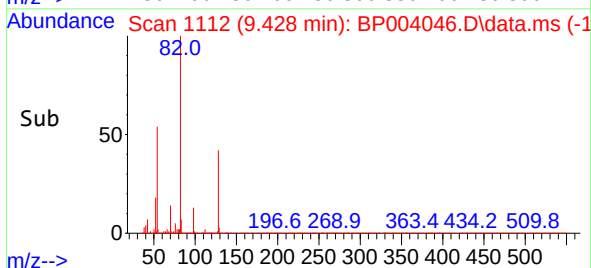
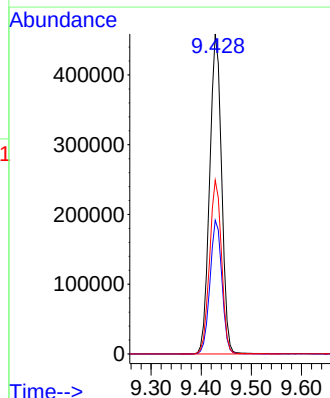
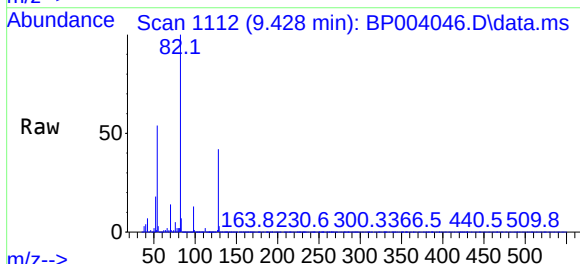
Instrument :
BNA_P
ClientSampled :
B5-GW

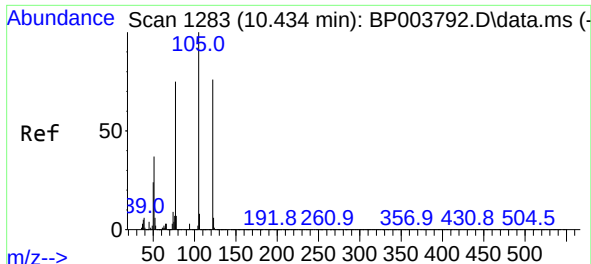
Tgt Ion:	136	Resp:	405699
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.5	3.6	5.4#
68	5.7	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 92.00 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.030 min
Lab File: BP004046.D
Acq: 21 Nov 2020 19:47

Tgt Ion:	82	Resp:	762131
Ion	Ratio	Lower	Upper
82	100		
128	41.8	45.6	68.4#
54	54.3	30.1	45.1#

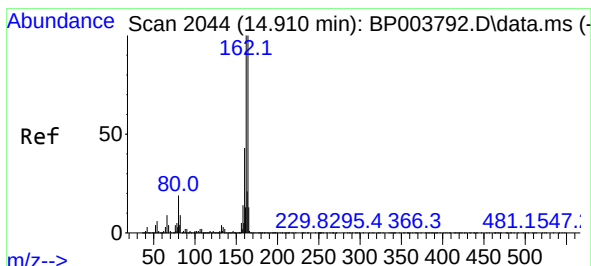
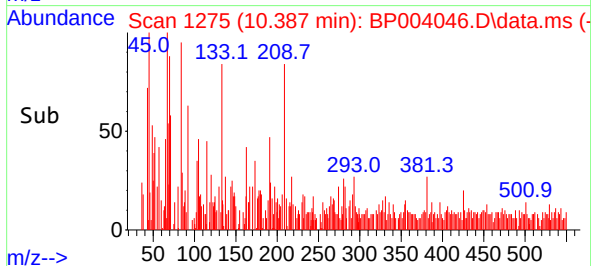
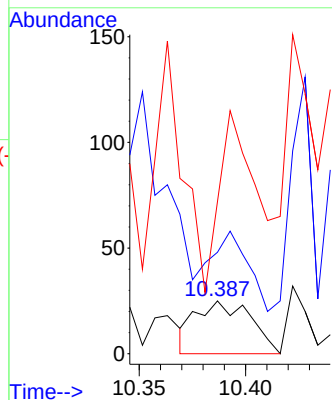
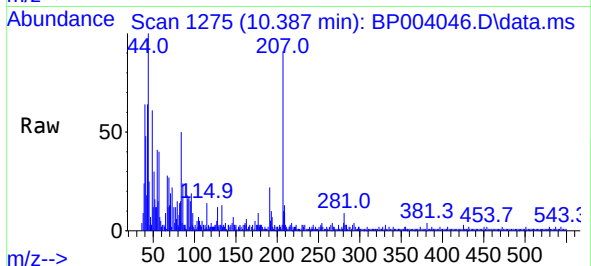




#32
Benzoic acid
Concen: 8.32 ng
RT: 10.387 min Scan# 1275
Delta R.T. -0.047 min
Lab File: BP004046.D
Acq: 21 Nov 2020 19:47

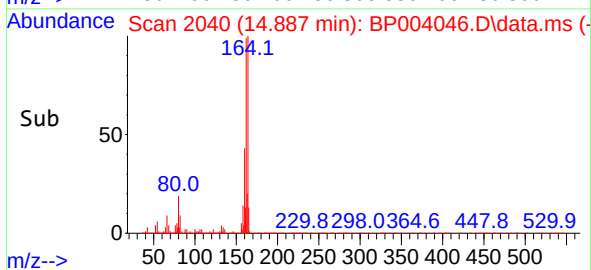
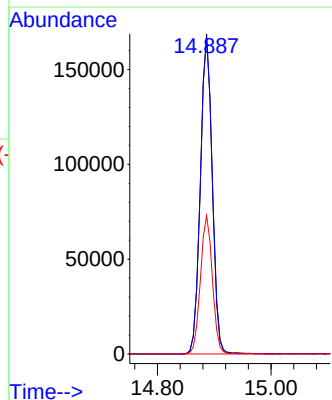
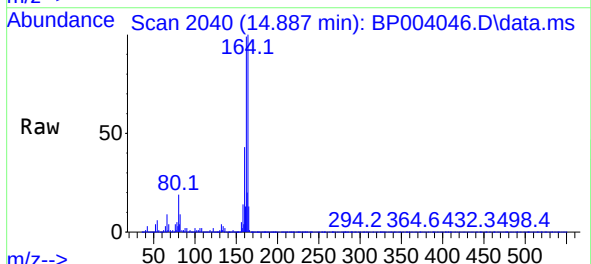
Instrument :
BNA_P
ClientSampleId :
B5-GW

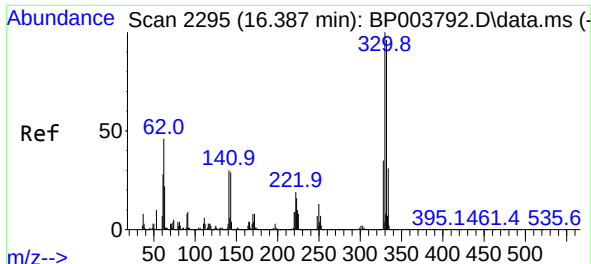
Tgt Ion:	122	Resp:	44
Ion	Ratio	Lower	Upper
122	100		
105	192.0	94.1	134.1#
77	288.0	50.1	90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.024 min
Lab File: BP004046.D
Acq: 21 Nov 2020 19:47

Tgt Ion:	164	Resp:	243148
Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.4	119.2
160	43.2	36.1	54.1

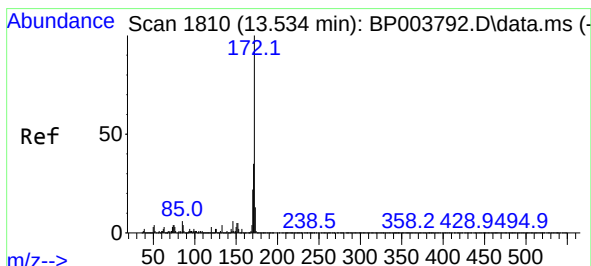
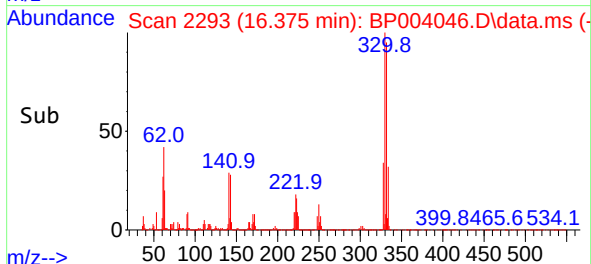
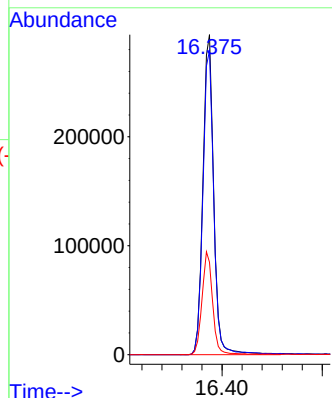
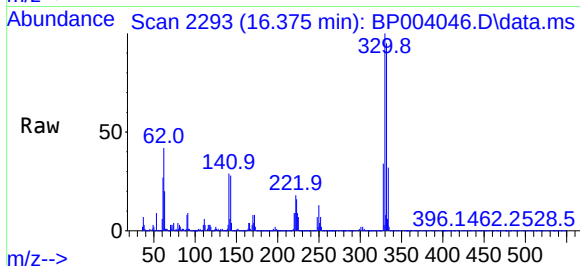




#42
2,4,6-Tribromophenol
Concen: 144.12 ng
RT: 16.375 min Scan# 2293
Delta R.T. -0.012 min
Lab File: BP004046.D
Acq: 21 Nov 2020 19:47

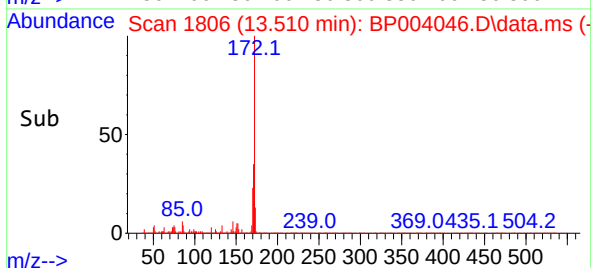
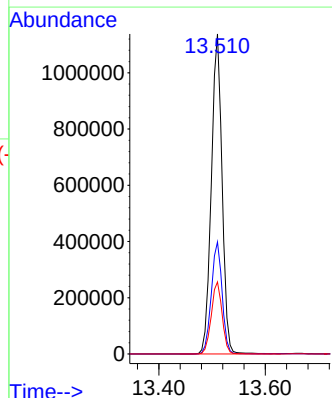
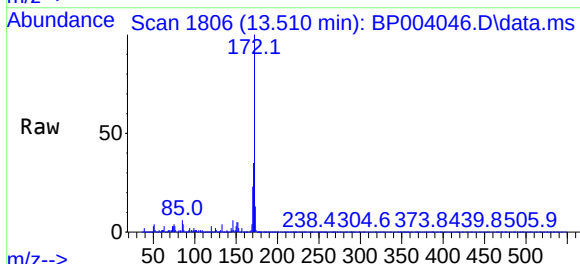
Instrument :
BNA_P
ClientSampled :
B5-GW

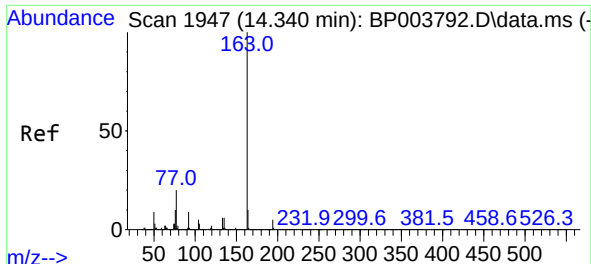
Tgt Ion:330 Resp: 438280
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 31.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 91.62 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.024 min
Lab File: BP004046.D
Acq: 21 Nov 2020 19:47

Tgt Ion:172 Resp: 1593470
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 22.5 19.2 28.8

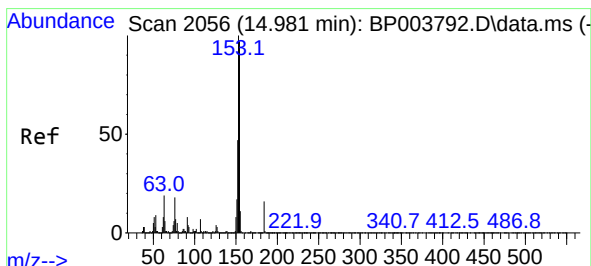
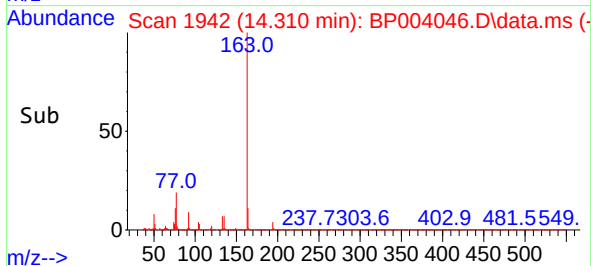
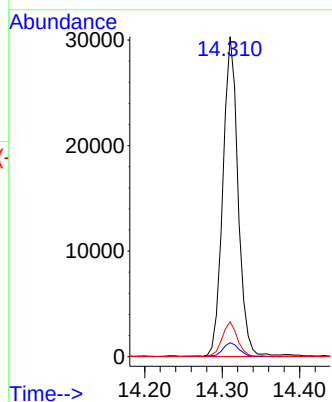
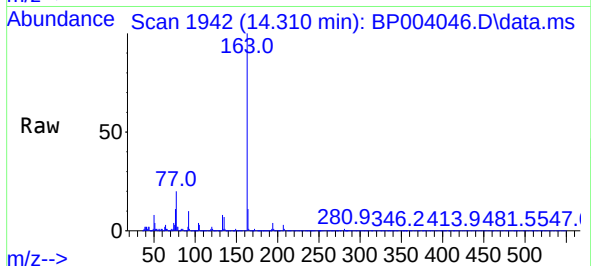




#50
Dimethylphthalate
Concen: 2.18 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.030 min
Lab File: BP004046.D
Acq: 21 Nov 2020 19:47

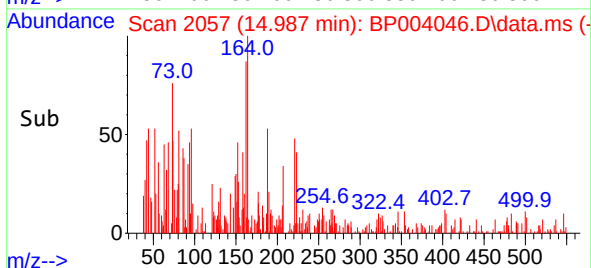
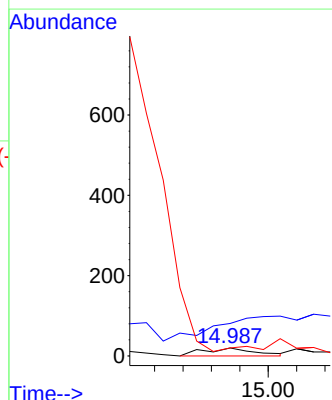
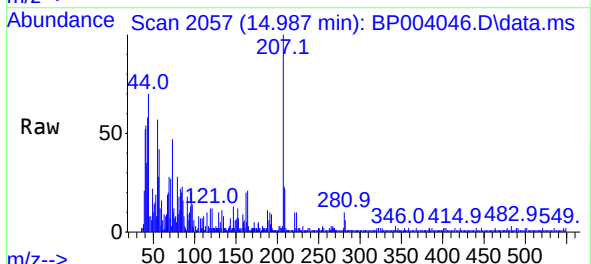
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BNA_P
ClientSampleId :
B5-GW

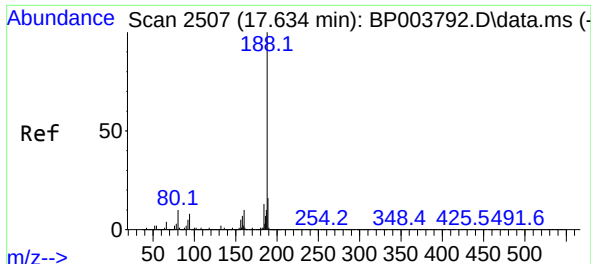
Tgt Ion:163 Resp: 41440
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.9 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 14.987 min Scan# 2057
Delta R.T. 0.006 min
Lab File: BP004046.D
Acq: 21 Nov 2020 19:47

Tgt Ion:184 Resp: 25
Ion Ratio Lower Upper
184 100
63 405.0 32.3 48.5#
154 100.0 49.1 73.7#

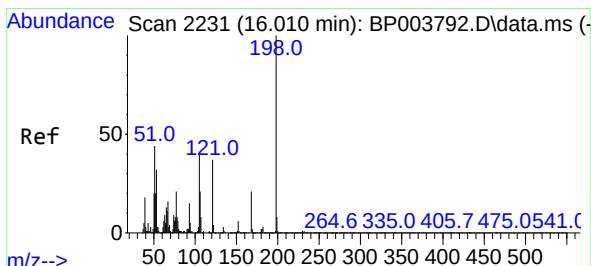
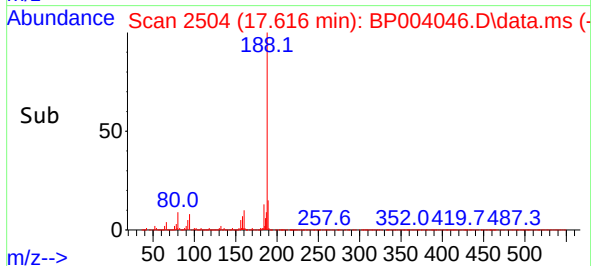
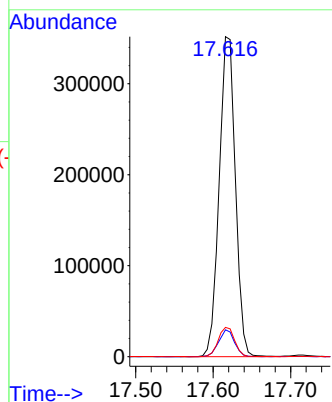
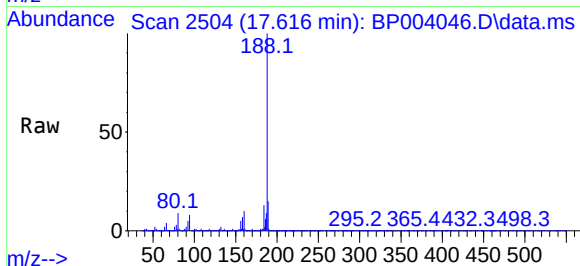




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.616 min Scan# 2504
Delta R.T. -0.018 min
Lab File: BP004046.D
Acq: 21 Nov 2020 19:47

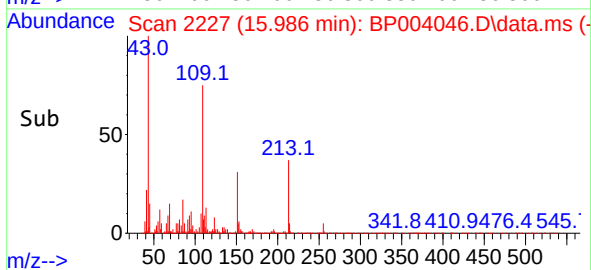
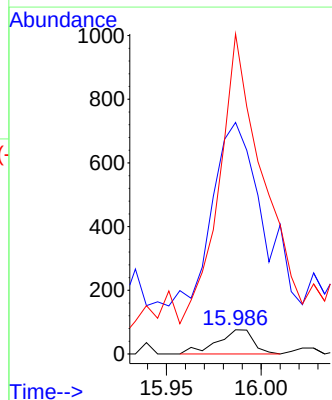
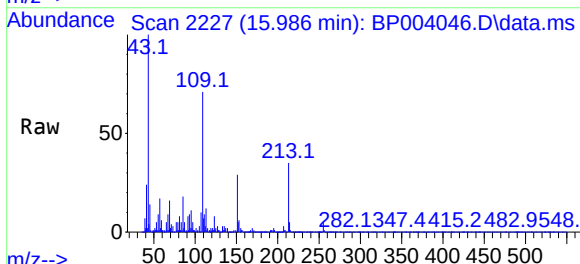
Instrument :
BNA_P
ClientSampled :
B5-GW

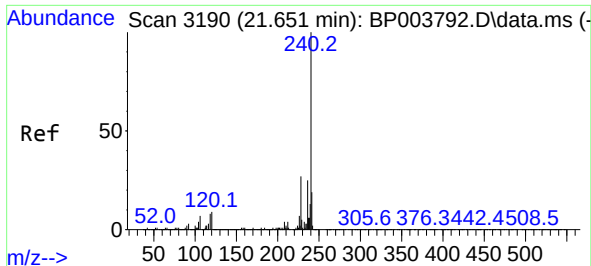
Tgt Ion:188	Resp:	510640
Ion Ratio	Lower	Upper
188	100	
94	8.4	6.2 9.2
80	9.1	6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.37 ng
RT: 15.986 min Scan# 2227
Delta R.T. -0.024 min
Lab File: BP004046.D
Acq: 21 Nov 2020 19:47

Tgt Ion:198	Resp:	102
Ion Ratio	Lower	Upper
198	100	
51	956.6	6.4 46.4#
105	1322.4	18.9 58.9#

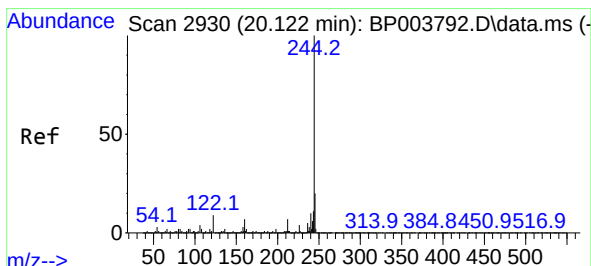
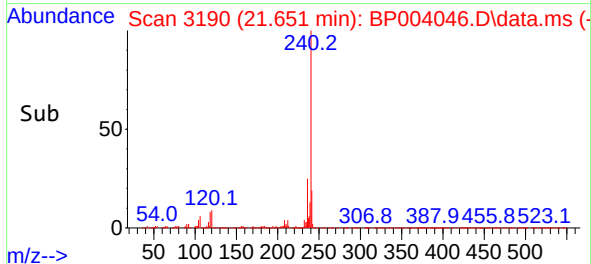
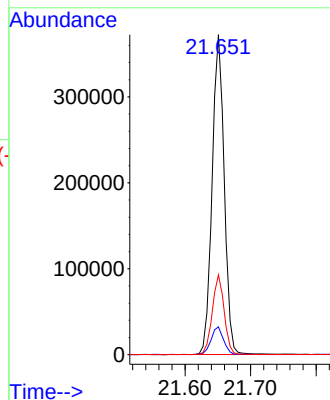
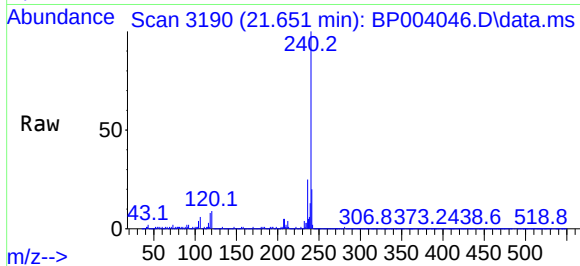




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.651 min Scan# 3190
Delta R.T. -0.000 min
Lab File: BP004046.D
Acq: 21 Nov 2020 19:47

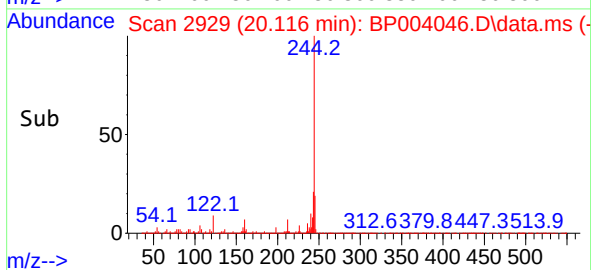
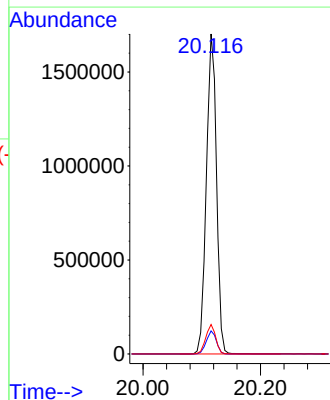
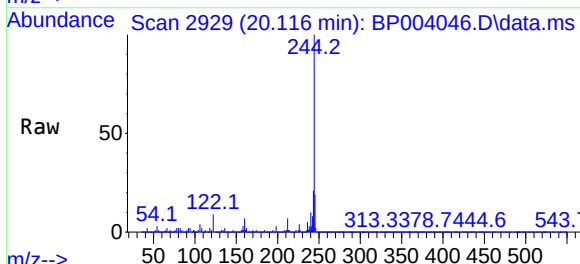
Instrument :
BNA_P
ClientSampled :
B5-GW

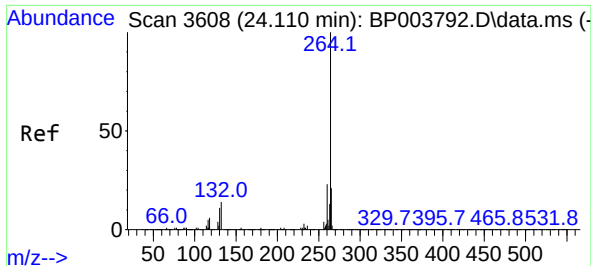
Tgt Ion:	240	Resp:	477832
Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.8	11.6
236	24.9	20.8	31.2



#79
Terphenyl-d14
Concen: 82.23 ng
RT: 20.116 min Scan# 2929
Delta R.T. -0.006 min
Lab File: BP004046.D
Acq: 21 Nov 2020 19:47

Tgt Ion:	244	Resp:	2033869
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.2	7.8	11.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.121 min Scan# 3610
Delta R.T. 0.012 min
Lab File: BP004046.D
Acq: 21 Nov 2020 19:47

Instrument :
BNA_P
ClientSampleId :
B5-GW

Tgt Ion:264 Resp: 511717

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.8	28.2
265	21.7	17.4	26.2

