

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112520\
 Data File : BP004105.D
 Acq On : 25 Nov 2020 19:38
 Operator : CG/JU
 Sample : L4858-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PHC-340EM-012

Quant Time: Nov 26 00:32:01 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)

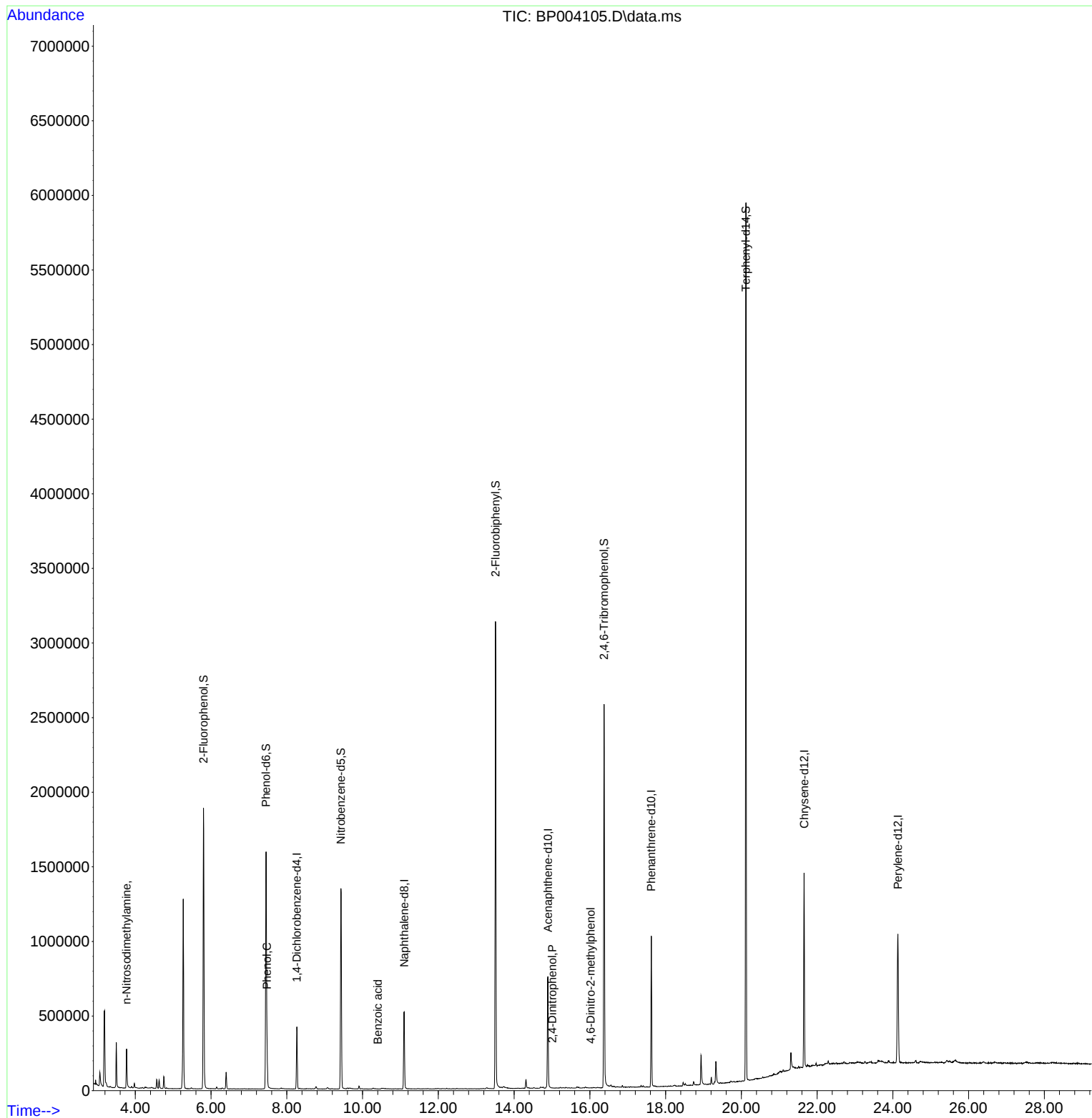
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.263	152	110814	20.00	ng	0.00
21) Naphthalene-d8	11.098	136	427000	20.00	ng	# 0.00
39) Acenaphthene-d10	14.892	164	271334	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	599632	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	631112	20.00	ng	0.00
86) Perylene-d12	24.133	264	699401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	799836	120.46	ng	0.00
7) Phenol-d6	7.452	99	896100	94.02	ng	0.00
23) Nitrobenzene-d5	9.428	82	763309	87.55	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	495776	146.09	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	1655371	85.29	ng	0.00
79) Terphenyl-d14	20.121	244	2405732	73.64	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.769	42	8826	2.28	ng	# 1
9) Benzaldehyde	7.381	77	436	Below Cal		# 59
10) Phenol	7.475	94	121178	13.18	ng	81
32) Benzoic acid	10.398	122	80	8.32	ng	# 24
54) 2,4-Dinitrophenol	15.004	184	23	2.74	ng	# 31
65) 4,6-Dinitro-2-methylph...	16.022	198	22	6.35	ng	# 1

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

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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

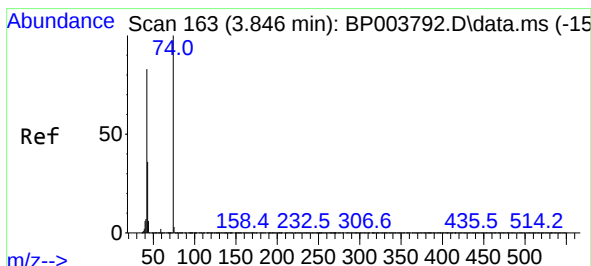
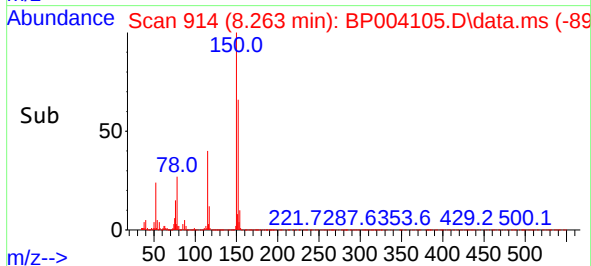
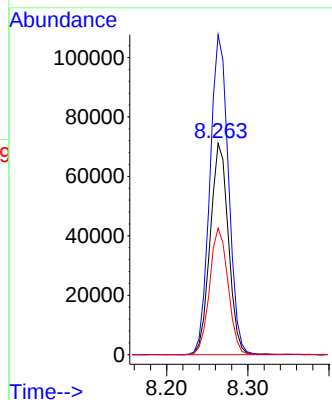
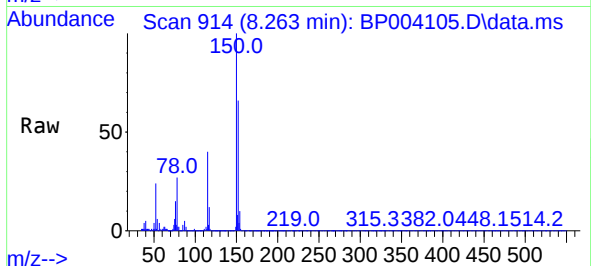




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.263 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP004105.D
Acq: 25 Nov 2020 19:38

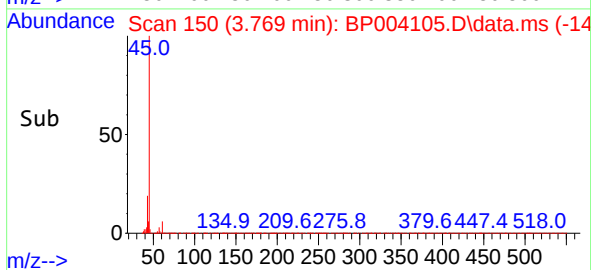
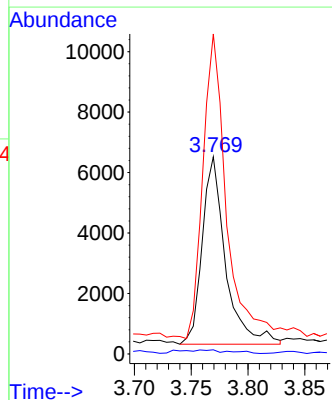
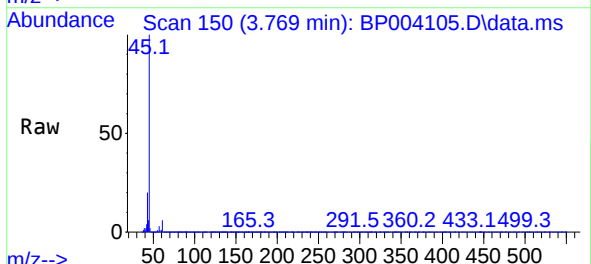
Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

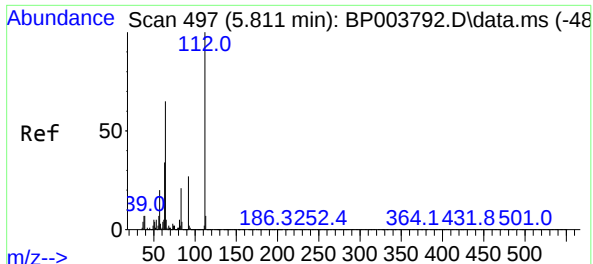
Tgt Ion:152 Resp: 110814
Ion Ratio Lower Upper
152 100
150 151.4 123.8 185.6
115 59.8 43.8 65.6



#4
n-Nitrosodimethylamine
Concen: 2.28 ng
RT: 3.769 min Scan# 150
Delta R.T. -0.059 min
Lab File: BP004105.D
Acq: 25 Nov 2020 19:38

Tgt Ion: 42 Resp: 8826
Ion Ratio Lower Upper
42 100
74 2.1 148.6 223.0#
44 162.3 5.3 7.9#

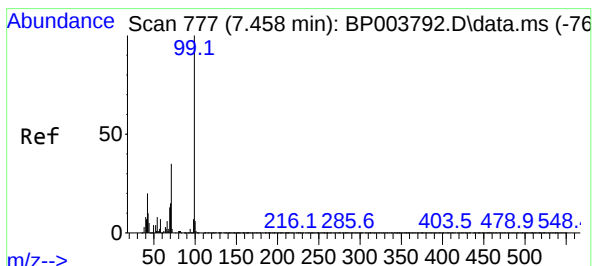
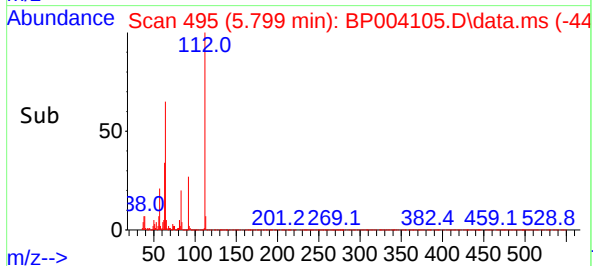
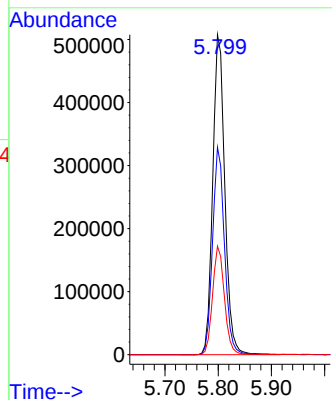
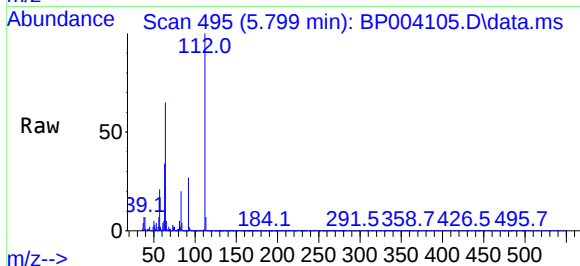




#5
2-Fluorophenol
Concen: 120.46 ng
RT: 5.799 min Scan# 495
Delta R.T. -0.006 min
Lab File: BP004105.D
Acq: 25 Nov 2020 19:38

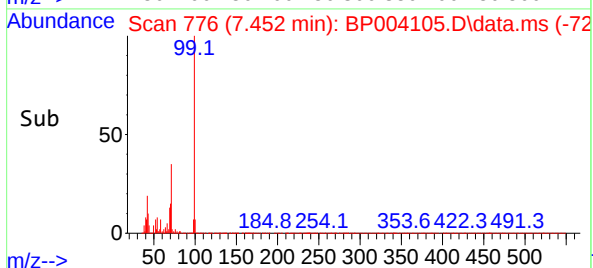
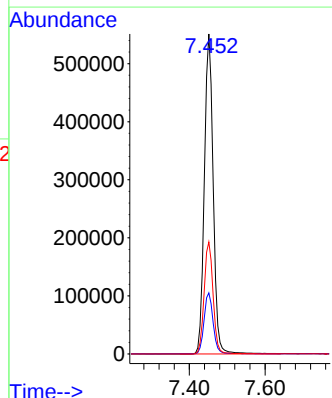
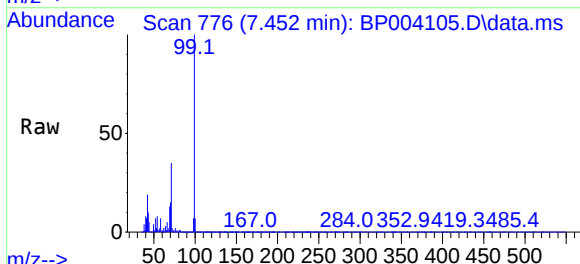
Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

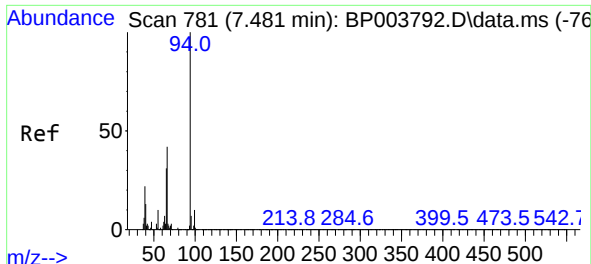
Tgt Ion:112 Resp: 799836
Ion Ratio Lower Upper
112 100
64 64.9 32.8 49.2#
63 33.9 17.0 25.4#



#7
Phenol-d6
Concen: 94.02 ng
RT: 7.452 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP004105.D
Acq: 25 Nov 2020 19:38

Tgt Ion: 99 Resp: 896100
Ion Ratio Lower Upper
99 100
42 19.1 8.6 13.0#
71 35.0 23.4 35.2

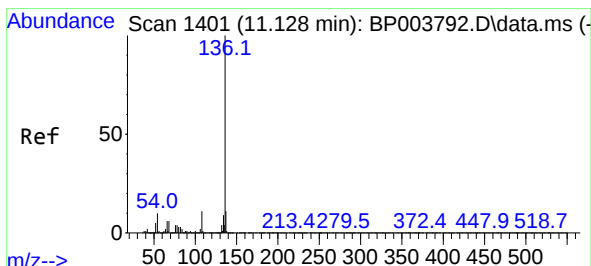
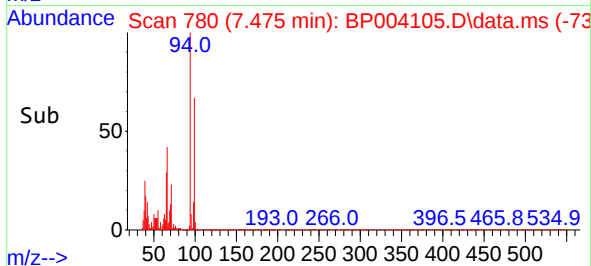
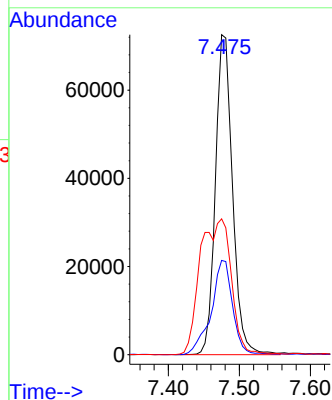
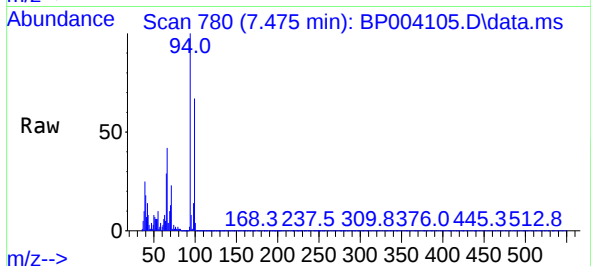




#10
Phenol
Concen: 13.18 ng
RT: 7.475 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP004105.D
Acq: 25 Nov 2020 19:38

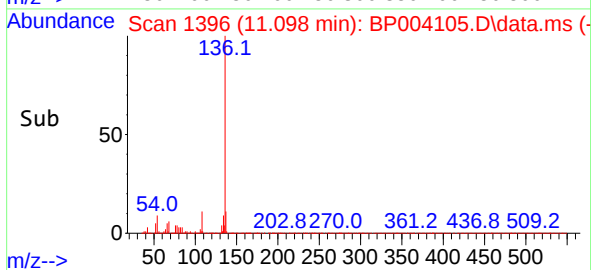
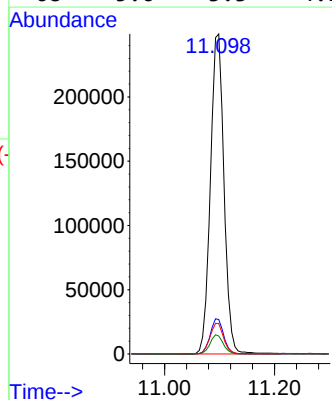
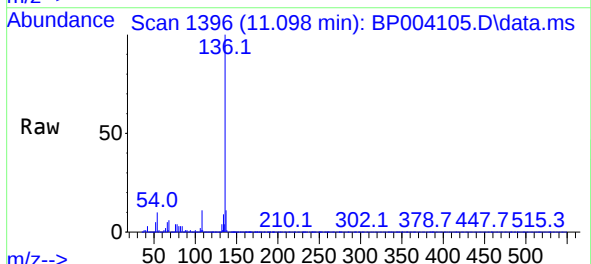
Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

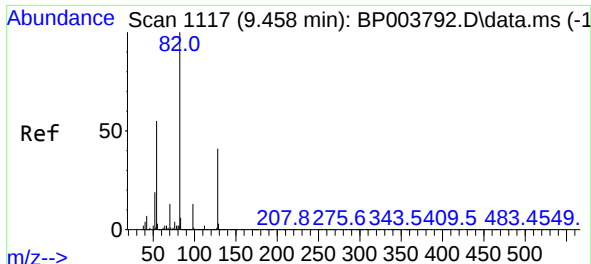
Tgt Ion: 94 Resp: 121178
Ion Ratio Lower Upper
94 100
65 29.5 2.3 42.3
66 42.5 10.9 50.9



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.098 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BP004105.D
Acq: 25 Nov 2020 19:38

Tgt Ion:136 Resp: 427000
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.5 3.6 5.4#
68 5.6 3.3 4.9#

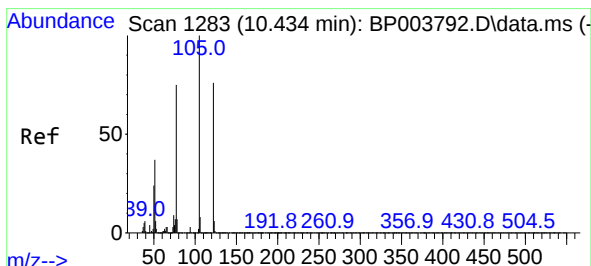
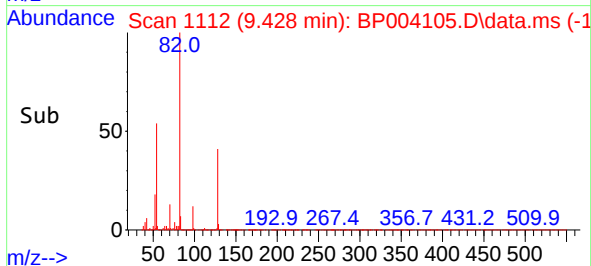
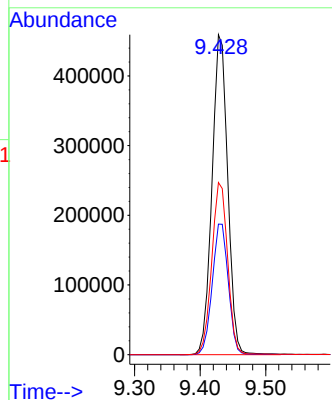
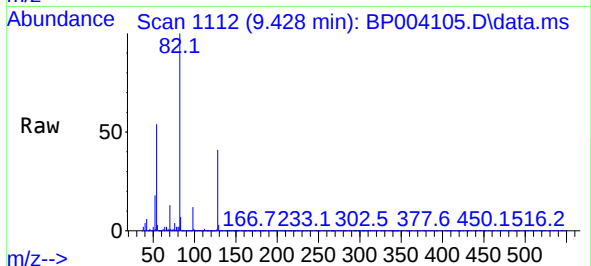




#23
Nitrobenzene-d5
Concen: 87.55 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BP004105.D
Acq: 25 Nov 2020 19:38

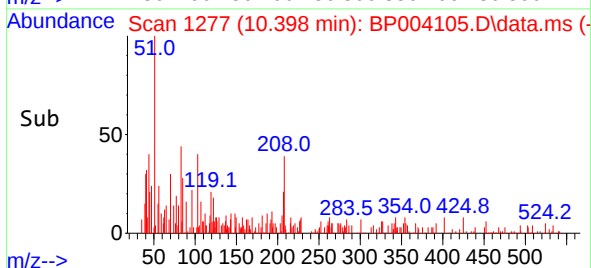
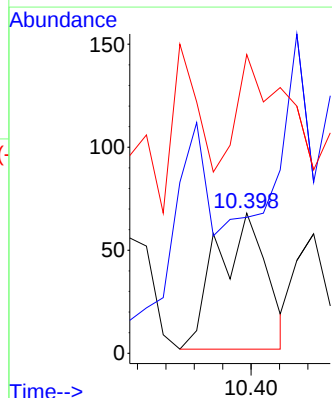
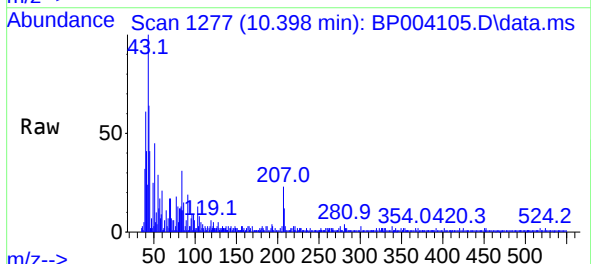
Instrument :
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ClientSampleId :
PHC-340EM-012

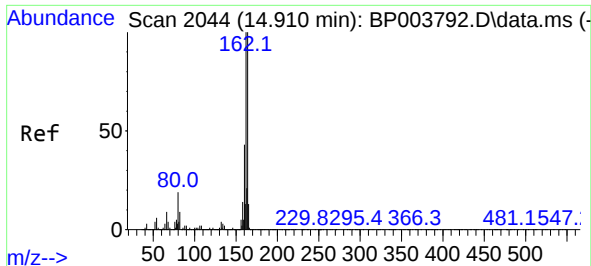
Tgt Ion: 82 Resp: 763309
Ion Ratio Lower Upper
82 100
128 40.8 45.6 68.4#
54 53.8 30.1 45.1#



#32
Benzoic acid
Concen: 8.32 ng
RT: 10.398 min Scan# 1277
Delta R.T. -0.059 min
Lab File: BP004105.D
Acq: 25 Nov 2020 19:38

Tgt Ion: 122 Resp: 80
Ion Ratio Lower Upper
122 100
105 97.1 94.1 134.1
77 213.2 50.1 90.1#

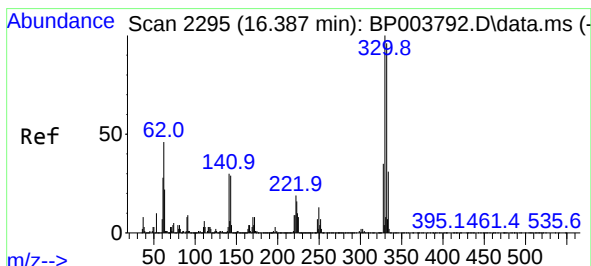
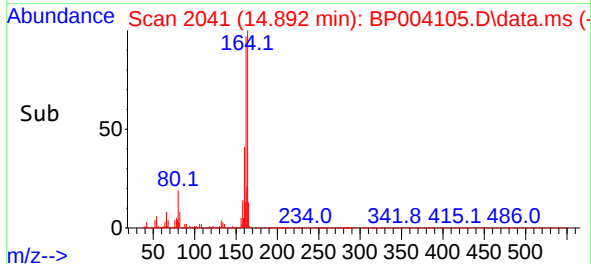
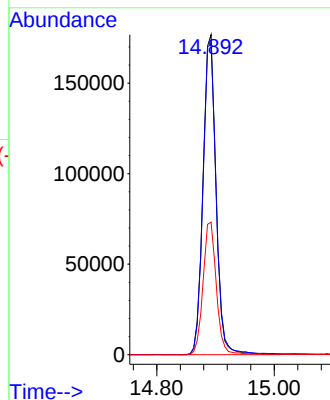
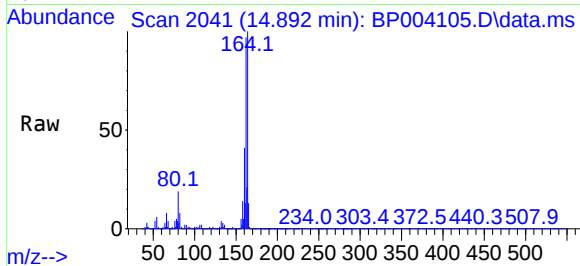




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.892 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BP004105.D
Acq: 25 Nov 2020 19:38

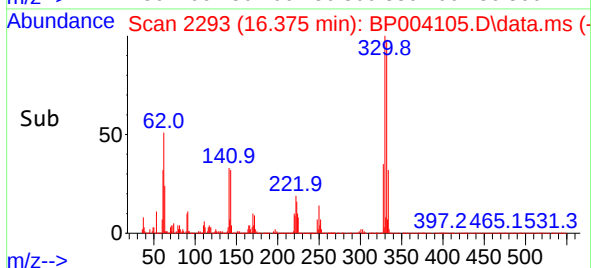
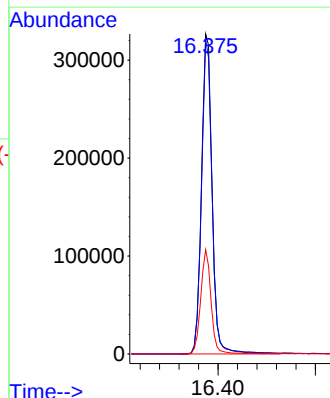
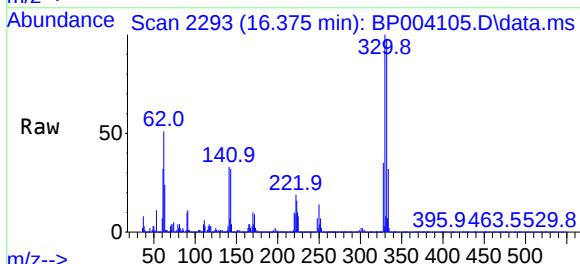
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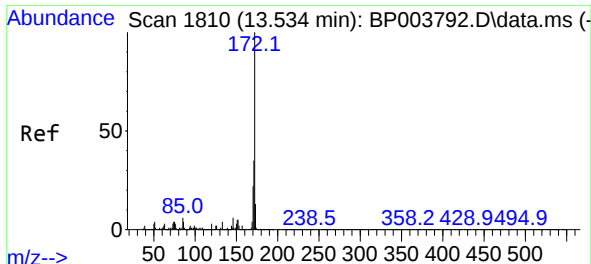
Tgt Ion:164 Resp: 271334
Ion Ratio Lower Upper
164 100
162 97.1 79.4 119.2
160 41.4 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 146.09 ng
RT: 16.375 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BP004105.D
Acq: 25 Nov 2020 19:38

Tgt Ion:330 Resp: 495776
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 31.7 23.4 35.2

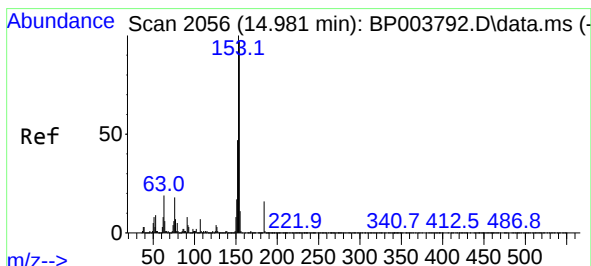
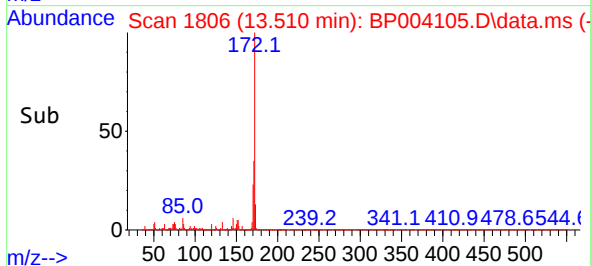
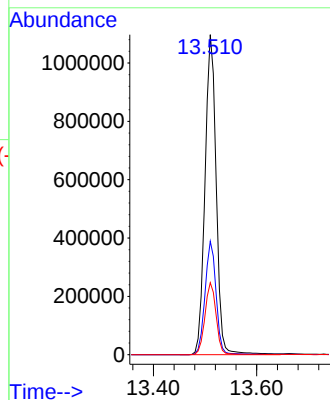
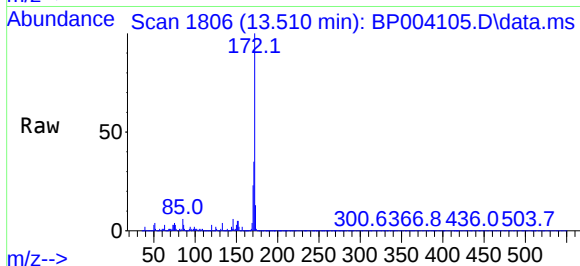




#45
2-Fluorobiphenyl
Concen: 85.29 ng
RT: 13.510 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BP004105.D
Acq: 25 Nov 2020 19:38

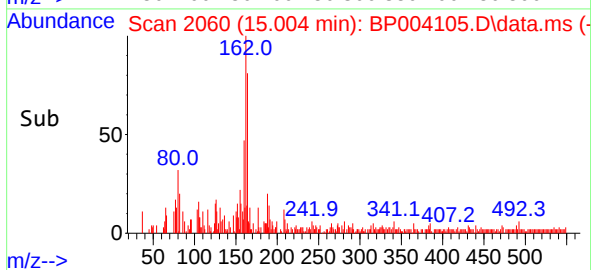
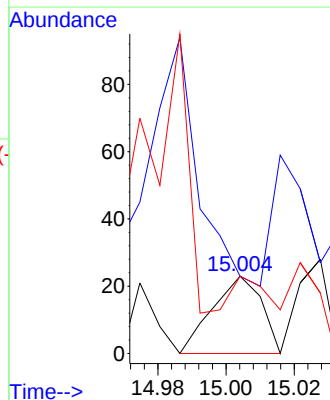
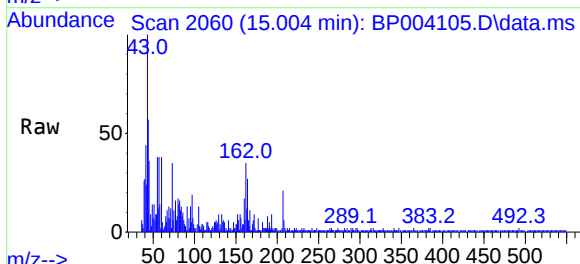
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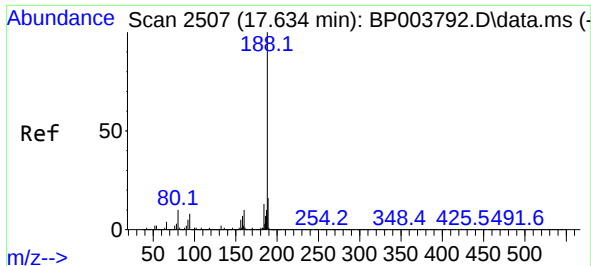
Tgt Ion:172 Resp: 1655371
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 22.5 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 2.74 ng
RT: 15.004 min Scan# 2060
Delta R.T. 0.012 min
Lab File: BP004105.D
Acq: 25 Nov 2020 19:38

Tgt Ion:184 Resp: 23
Ion Ratio Lower Upper
184 100
63 100.0 32.3 48.5#
154 100.0 49.1 73.7#

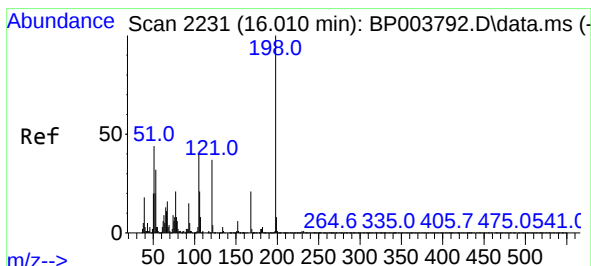
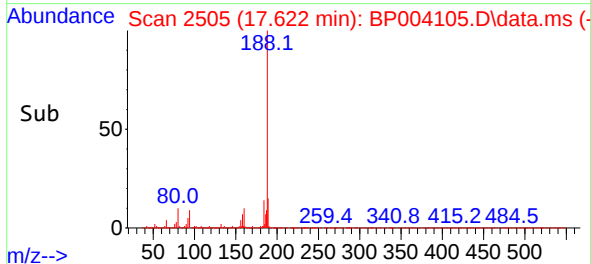
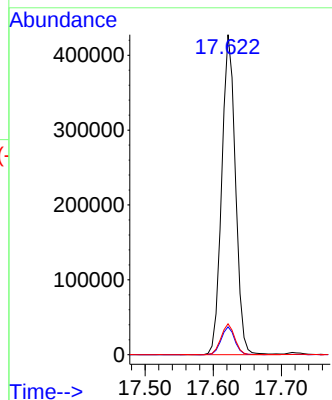
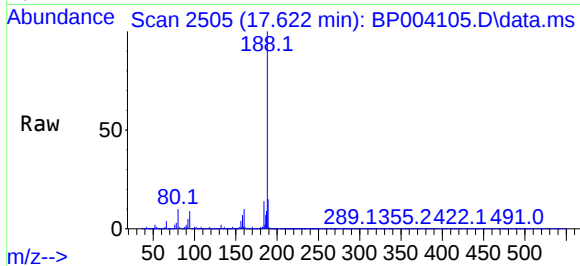




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BP004105.D
Acq: 25 Nov 2020 19:38

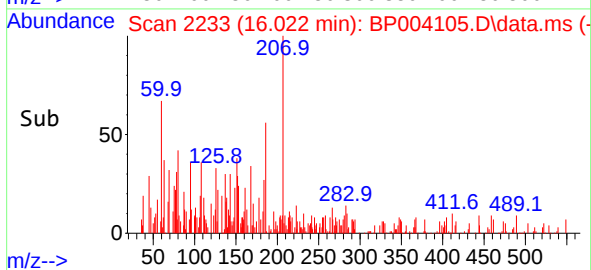
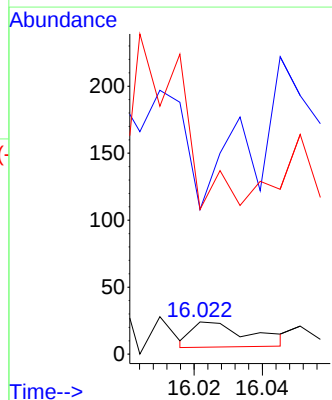
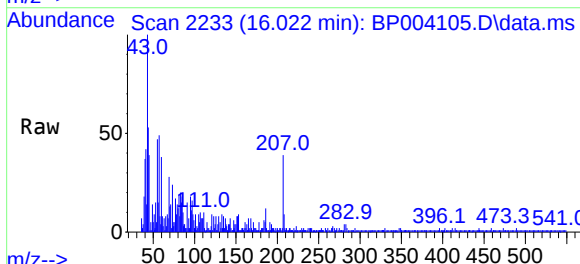
Instrument :
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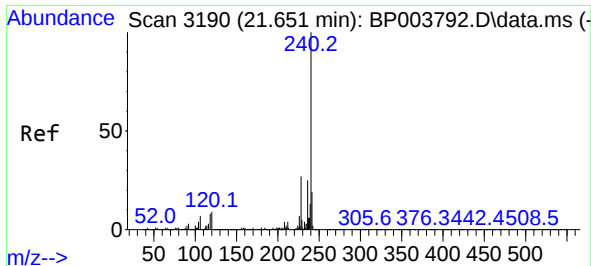
Tgt Ion:188	Resp:	599632
Ion Ratio	Lower	Upper
188	100	
94	8.7	6.2 9.2
80	9.7	6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.022 min Scan# 2233
Delta R.T. 0.006 min
Lab File: BP004105.D
Acq: 25 Nov 2020 19:38

Tgt Ion:198	Resp:	22
Ion Ratio	Lower	Upper
198	100	
51	516.7	6.4 46.4#
105	450.0	18.9 58.9#

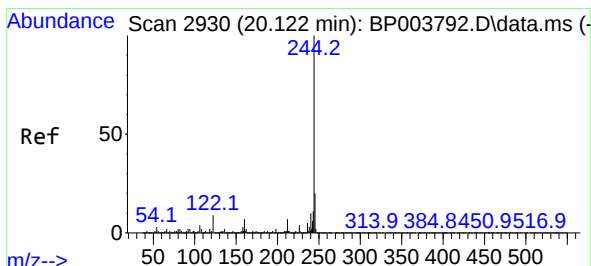
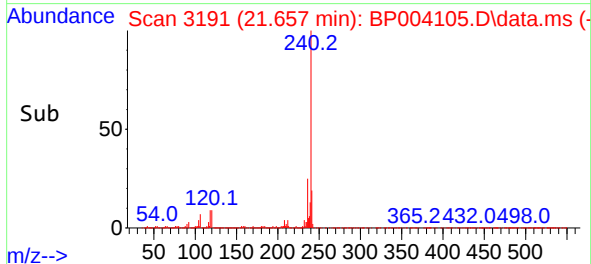
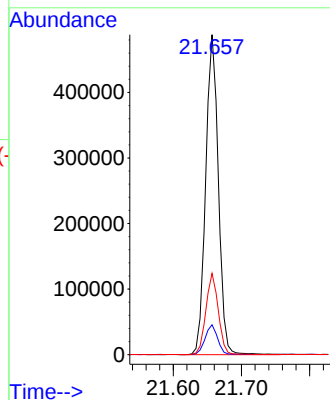
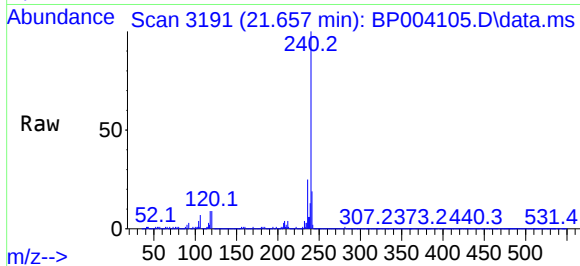




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.006 min
Lab File: BP004105.D
Acq: 25 Nov 2020 19:38

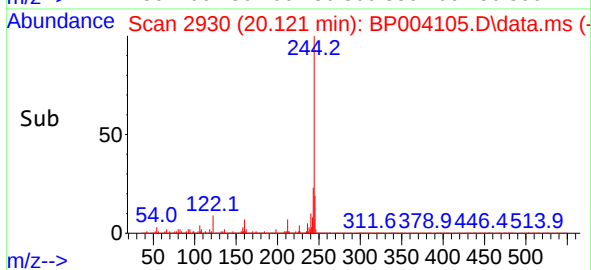
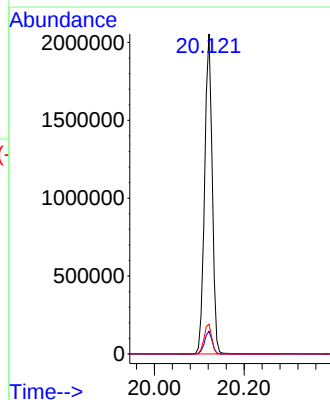
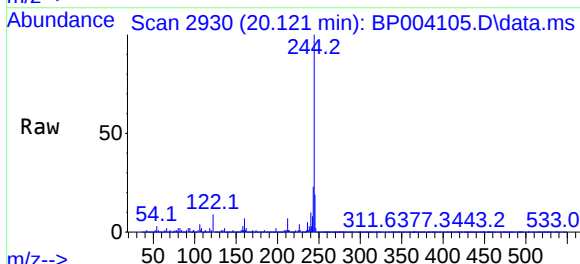
Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

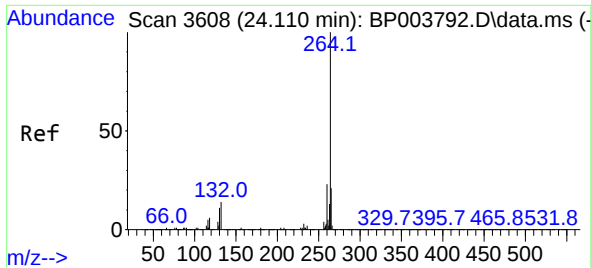
Tgt Ion:240 Resp: 631112
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.6
236 25.4 20.8 31.2



#79
Terphenyl-d14
Concen: 73.64 ng
RT: 20.121 min Scan# 2930
Delta R.T. 0.000 min
Lab File: BP004105.D
Acq: 25 Nov 2020 19:38

Tgt Ion:244 Resp: 2405732
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.3 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.133 min Scan# 3612
 Delta R.T. 0.006 min
 Lab File: BP004105.D
 Acq: 25 Nov 2020 19:38

Instrument :
 BNA_P
 ClientSampleId :
 PHC-340EM-012

Tgt Ion:264 Resp: 699401

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	22.0	17.4	26.2

