

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
 Data File : BP004059.D
 Acq On : 23 Nov 2020 17:22
 Operator : CG/JU
 Sample : L4839-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B3-9-10

Quant Time: Nov 24 06:21:49 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)

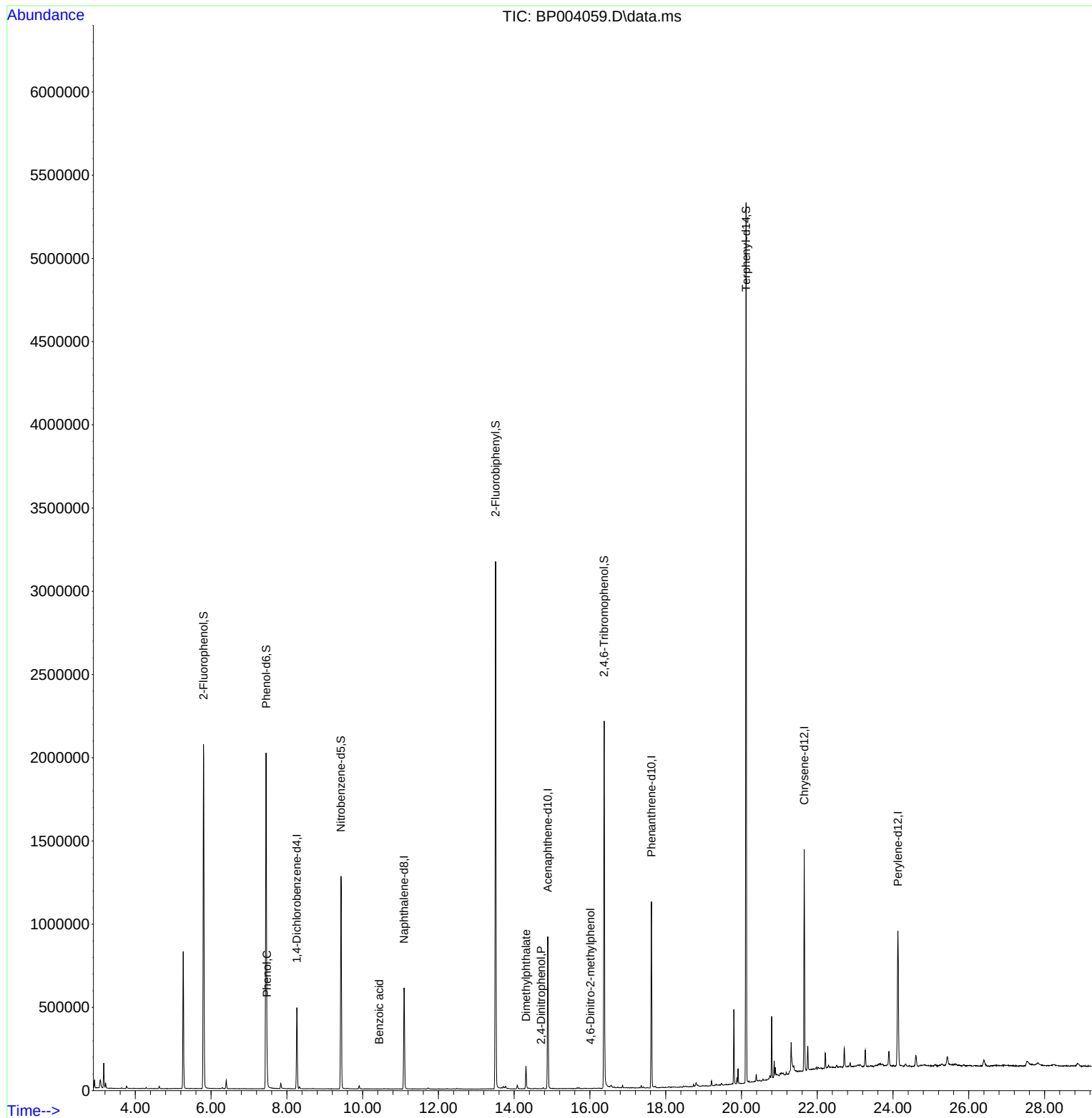
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	127765	20.00	ng	0.00
21) Naphthalene-d8	11.093	136	489290	20.00	ng	# 0.00
39) Acenaphthene-d10	14.887	164	305607	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	657608	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	640062	20.00	ng	0.00
86) Perylene-d12	24.127	264	651223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	877453	114.62	ng	0.00
7) Phenol-d6	7.452	99	1138291	103.58	ng	0.00
23) Nitrobenzene-d5	9.428	82	716553	71.72	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	435707	113.99	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	1559058	71.32	ng	0.00
79) Terphenyl-d14	20.122	244	2210896	66.73	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.358	77	133	Below Cal	#	8
10) Phenol	7.475	94	58199	5.49	ng	73
32) Benzoic acid	10.440	122	33	8.31	ng	# 19
50) Dimethylphthalate	14.310	163	89535	3.75	ng	99
54) 2,4-Dinitrophenol	14.710	184	18	2.74	ng	91
65) 4,6-Dinitro-2-methylph...	16.016	198	17	6.35	ng	# 1

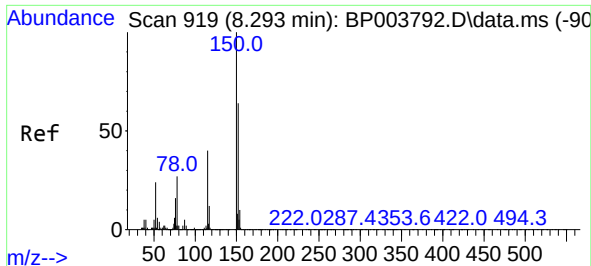
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

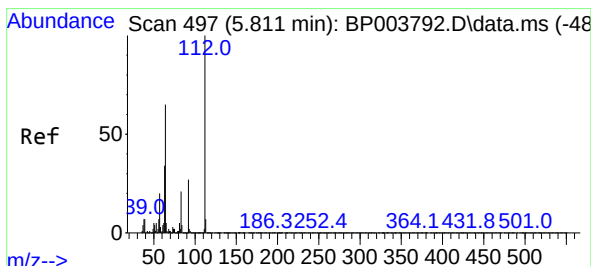
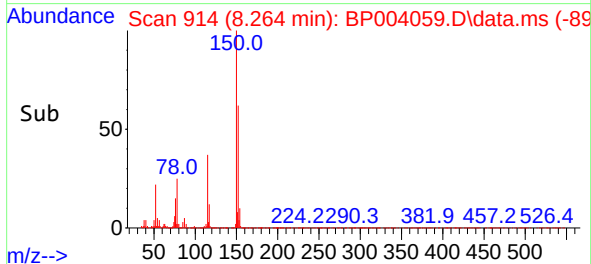
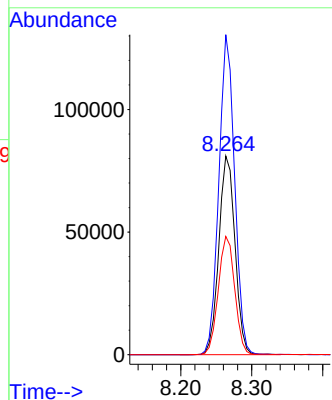
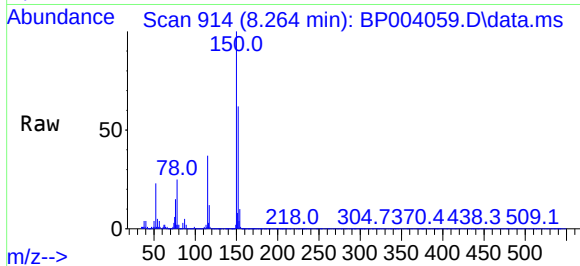




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.264 min Scan# 914
Delta R.T. -0.005 min
Lab File: BP004059.D
Acq: 23 Nov 2020 17:22

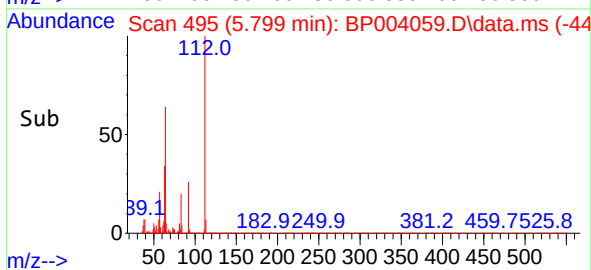
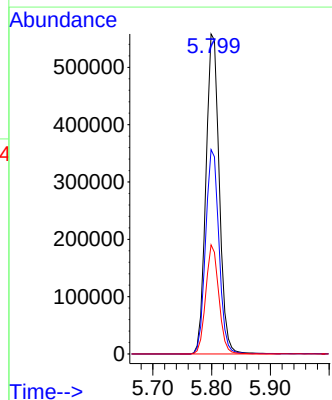
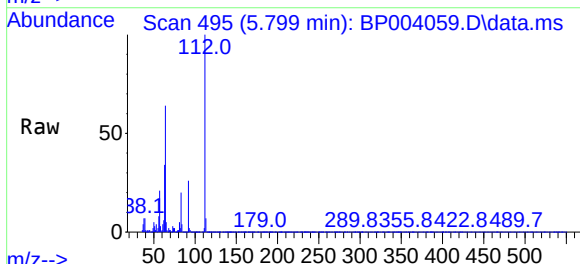
Instrument :
BNA_P
ClientSampleId :
B3-9-10

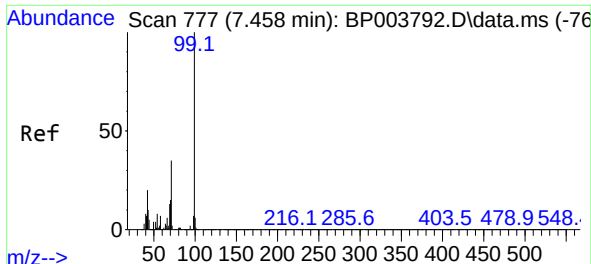
Tgt Ion:152 Resp: 127765
Ion Ratio Lower Upper
152 100
150 161.1 123.8 185.6
115 59.5 43.8 65.6



#5
2-Fluorophenol
Concen: 114.62 ng
RT: 5.799 min Scan# 495
Delta R.T. -0.006 min
Lab File: BP004059.D
Acq: 23 Nov 2020 17:22

Tgt Ion:112 Resp: 877453
Ion Ratio Lower Upper
112 100
64 63.9 32.8 49.2#
63 34.1 17.0 25.4#

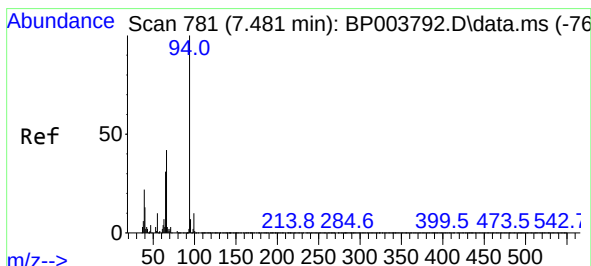
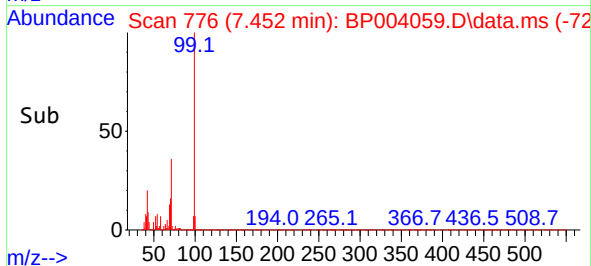
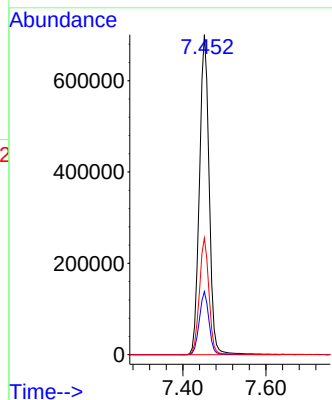
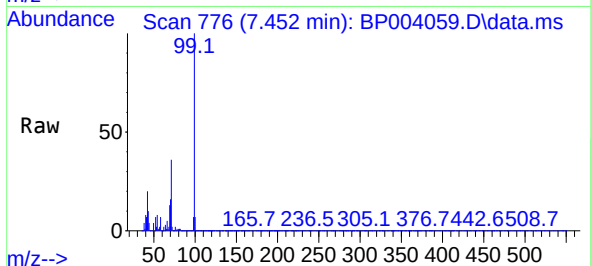




#7
Phenol-d6
Concen: 103.58 ng
RT: 7.452 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP004059.D
Acq: 23 Nov 2020 17:22

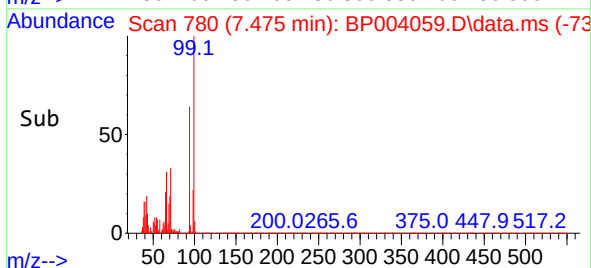
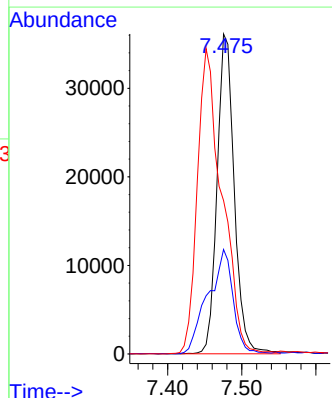
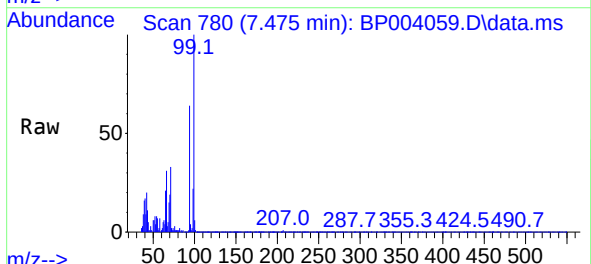
Instrument :
BNA_P
ClientSampleId :
B3-9-10

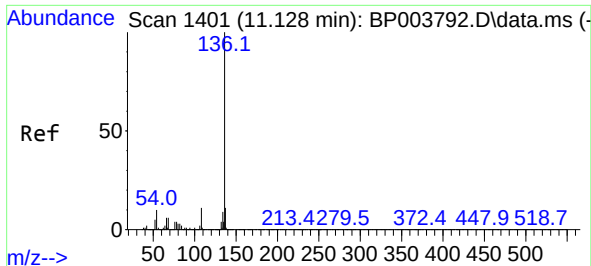
Tgt Ion: 99 Resp: 1138291
Ion Ratio Lower Upper
99 100
42 19.7 8.6 13.0#
71 36.4 23.4 35.2#



#10
Phenol
Concen: 5.49 ng
RT: 7.475 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP004059.D
Acq: 23 Nov 2020 17:22

Tgt Ion: 94 Resp: 58199
Ion Ratio Lower Upper
94 100
65 32.6 2.3 42.3
66 47.9 10.9 50.9

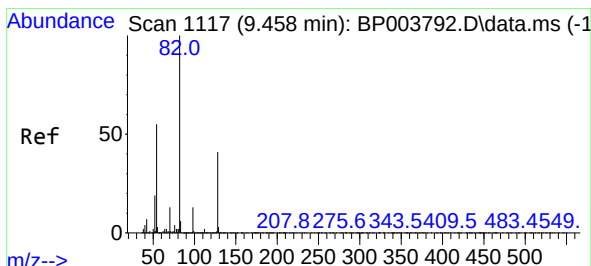
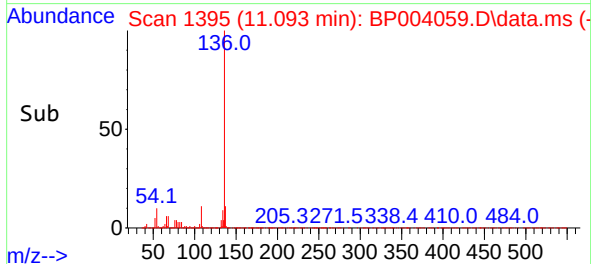
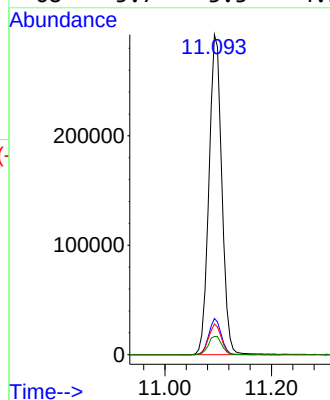
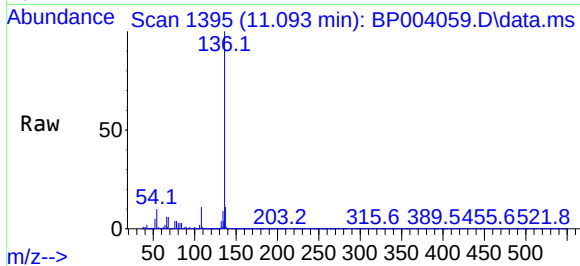




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.093 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BP004059.D
Acq: 23 Nov 2020 17:22

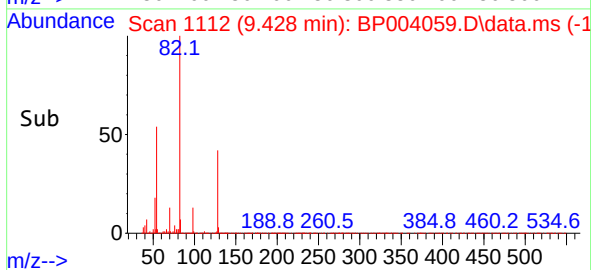
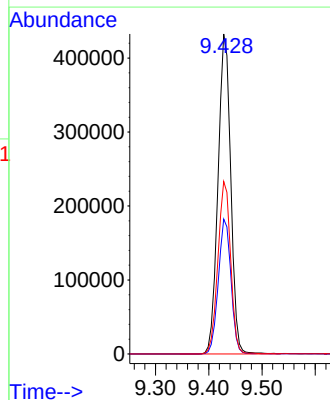
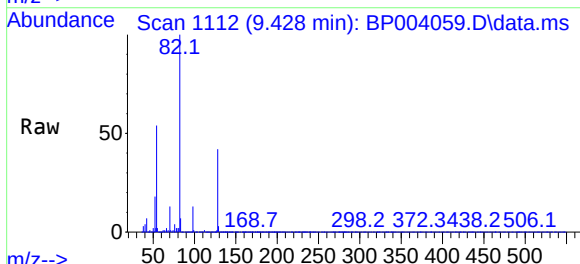
Instrument :
BNA_P
ClientSampleId :
B3-9-10

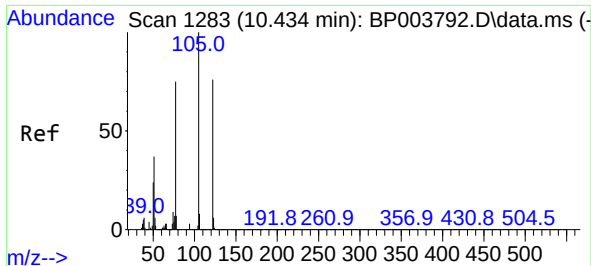
Tgt Ion:	136	Resp:	489290
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.6	3.6	5.4#
68	5.7	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 71.72 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BP004059.D
Acq: 23 Nov 2020 17:22

Tgt Ion:	82	Resp:	716553
Ion	Ratio	Lower	Upper
82	100		
128	42.2	45.6	68.4#
54	53.9	30.1	45.1#



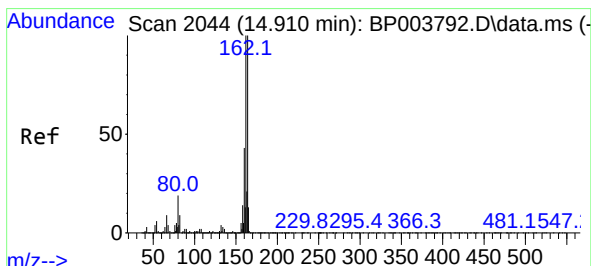
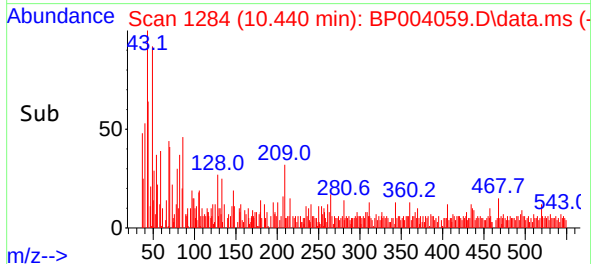
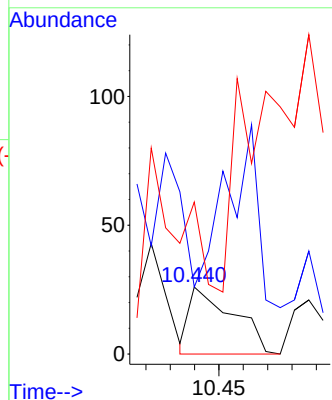
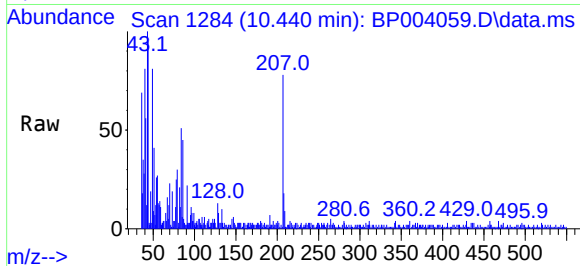


#32
Benzoic acid
Concen: 8.31 ng
RT: 10.440 min Scan# 1284
Delta R.T. -0.017 min
Lab File: BP004059.D
Acq: 23 Nov 2020 17:22

Instrument :
BNA_P
ClientSampleId :
B3-9-10

Tgt Ion:122 Resp: 33

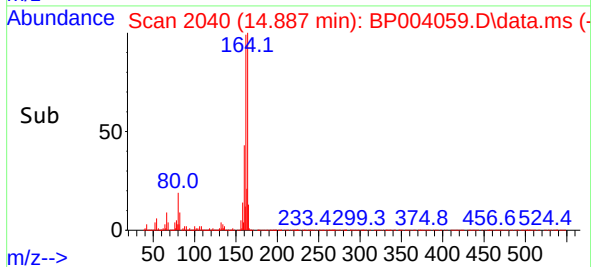
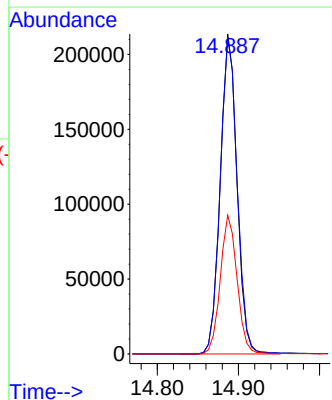
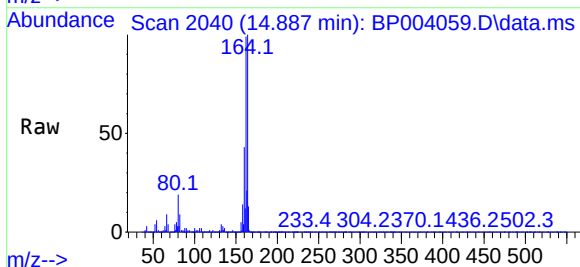
Ion	Ratio	Lower	Upper
122	100		
105	100.0	94.1	134.1
77	226.9	50.1	90.1#

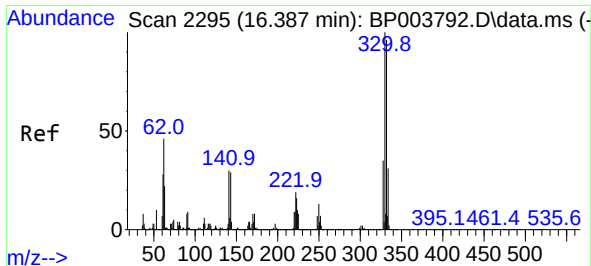


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP004059.D
Acq: 23 Nov 2020 17:22

Tgt Ion:164 Resp: 305607

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.4	119.2
160	43.4	36.1	54.1

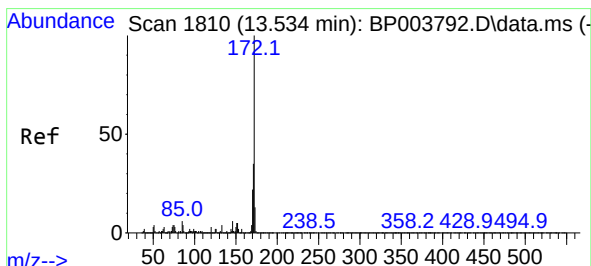
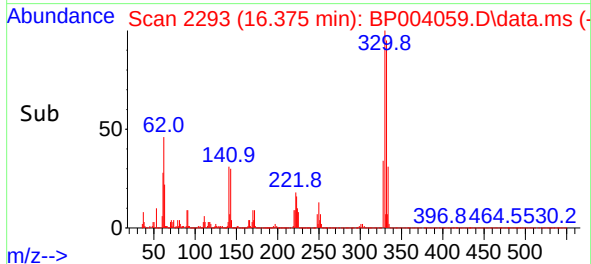
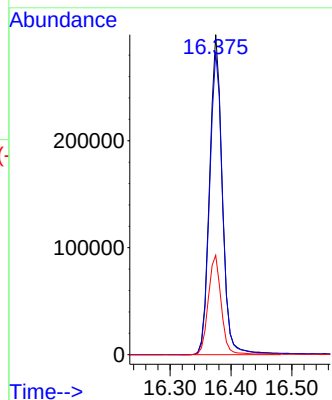
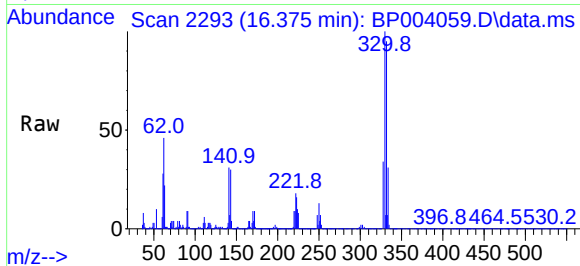




#42
2,4,6-Tribromophenol
Concen: 113.99 ng
RT: 16.375 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BP004059.D
Acq: 23 Nov 2020 17:22

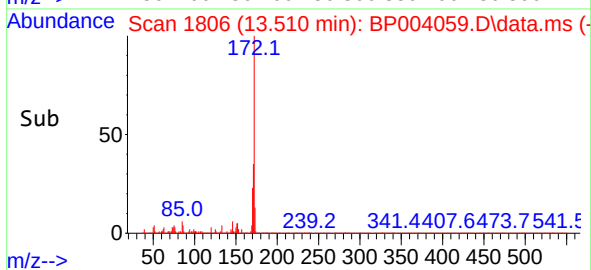
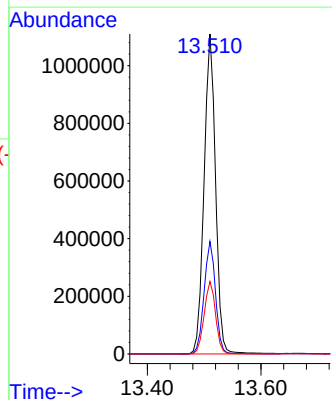
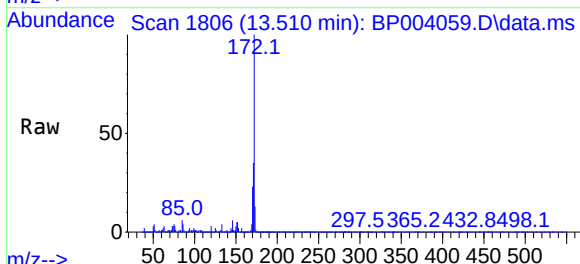
Instrument :
BNA_P
ClientSampleId :
B3-9-10

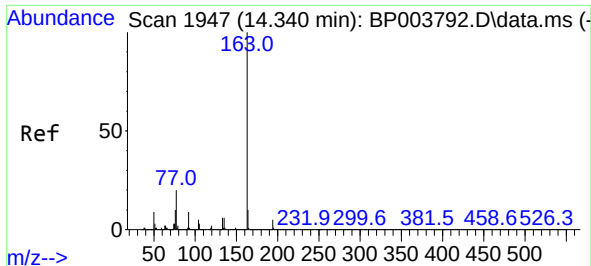
Tgt Ion:330 Resp: 435707
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 31.3 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 71.32 ng
RT: 13.510 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BP004059.D
Acq: 23 Nov 2020 17:22

Tgt Ion:172 Resp: 1559058
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 22.7 19.2 28.8

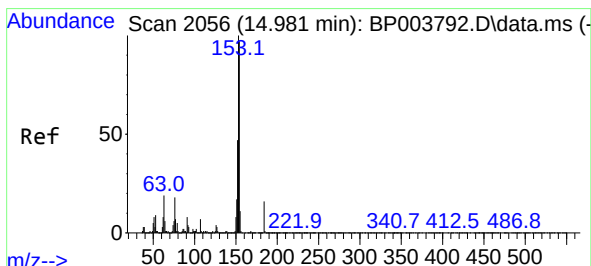
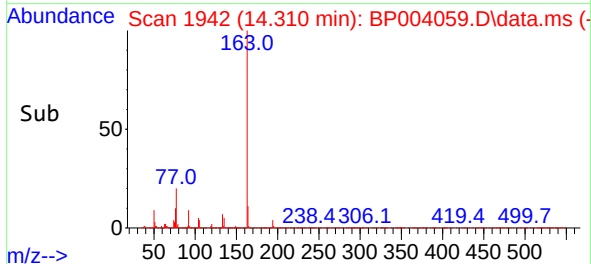
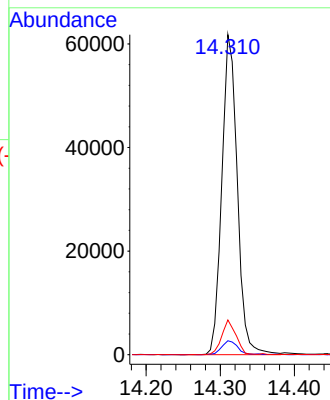
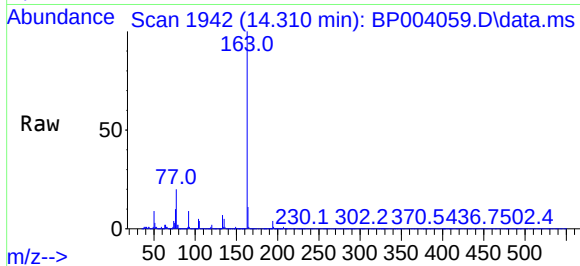




#50
Dimethylphthalate
Concen: 3.75 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.011 min
Lab File: BP004059.D
Acq: 23 Nov 2020 17:22

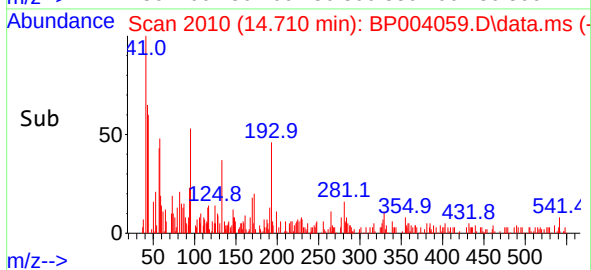
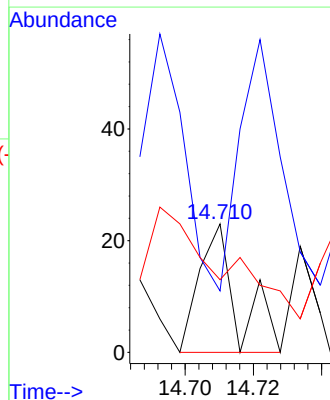
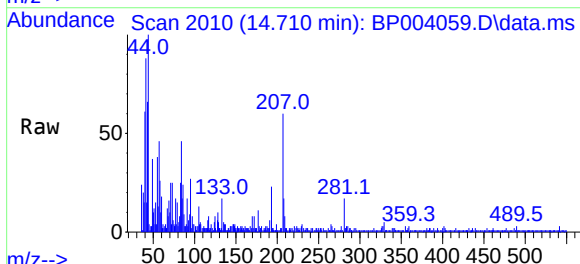
Instrument :
BNA_P
ClientSampled :
B3-9-10

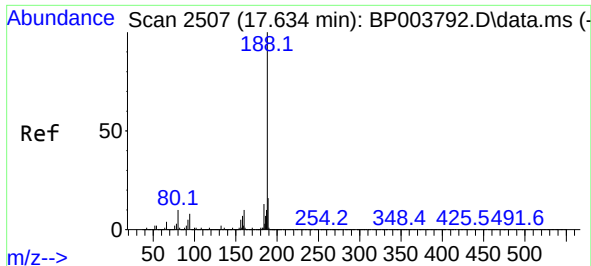
Tgt Ion:	163	Resp:	89535
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.3	4.9
164	10.8	8.2	12.2



#54
2,4-Dinitrophenol
Concen: 2.74 ng
RT: 14.710 min Scan# 2010
Delta R.T. -0.282 min
Lab File: BP004059.D
Acq: 23 Nov 2020 17:22

Tgt Ion:	184	Resp:	18
Ion Ratio	Lower	Upper	
184	100		
63	47.8	32.3	48.5
154	56.5	49.1	73.7

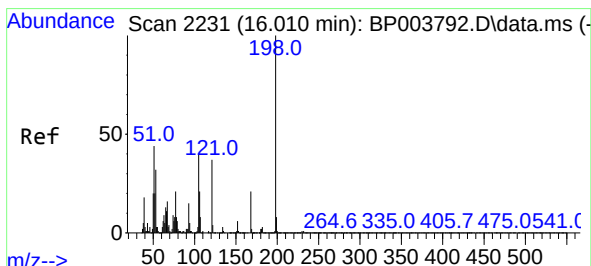
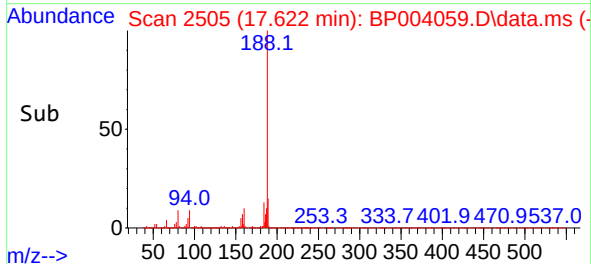
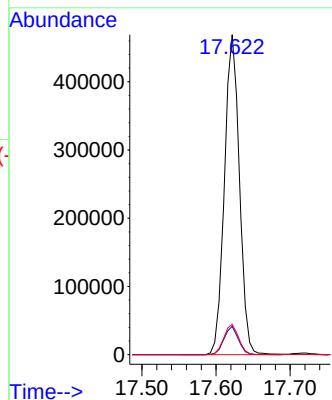
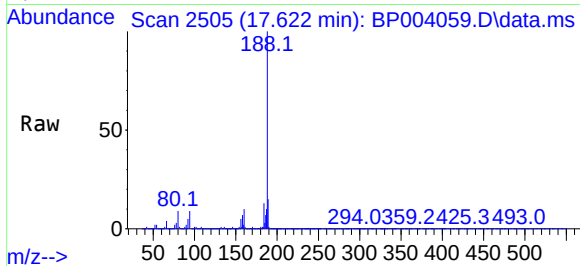




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BP004059.D
Acq: 23 Nov 2020 17:22

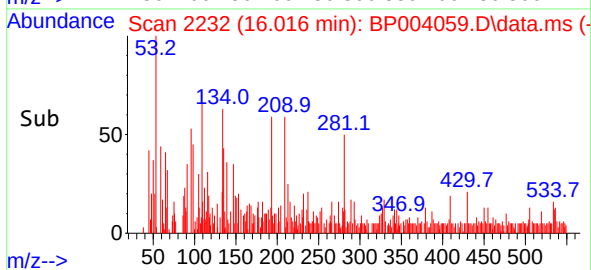
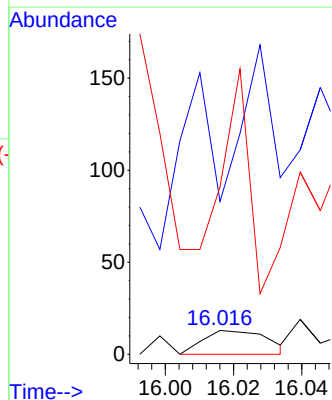
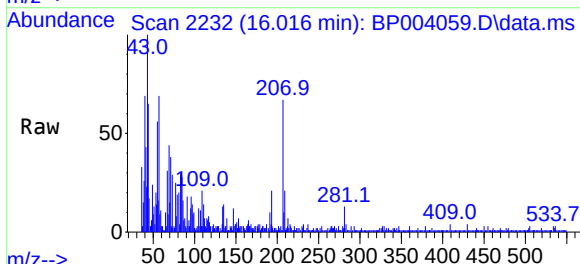
Instrument :
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B3-9-10

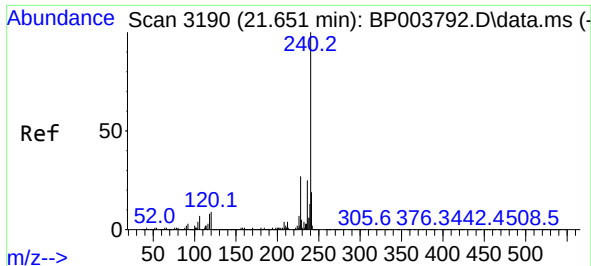
Tgt Ion:	188	Resp:	657608
Ion Ratio	Lower	Upper	
188	100		
94	8.8	6.2	9.2
80	9.5	6.2	9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.016 min Scan# 2232
Delta R.T. 0.000 min
Lab File: BP004059.D
Acq: 23 Nov 2020 17:22

Tgt Ion:	198	Resp:	17
Ion Ratio	Lower	Upper	
198	100		
51	638.5	6.4	46.4#
105	700.0	18.9	58.9#



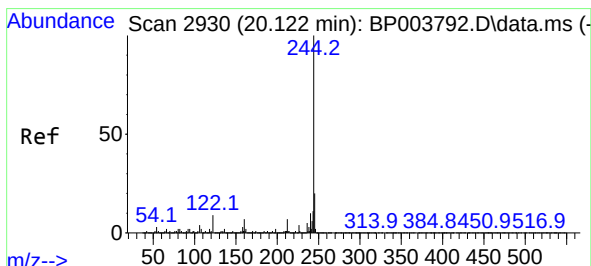
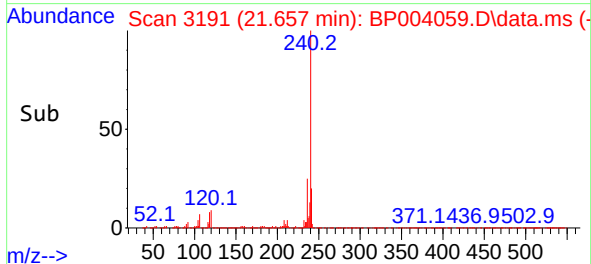
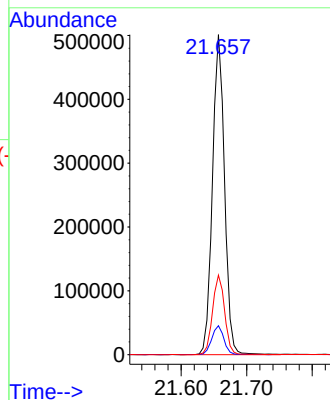
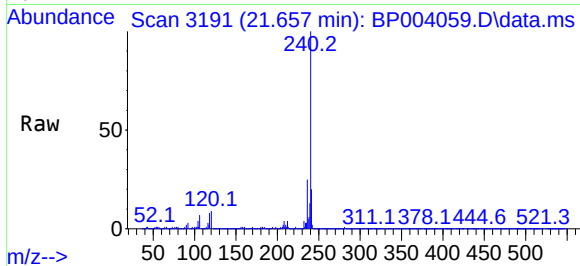


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.006 min
Lab File: BP004059.D
Acq: 23 Nov 2020 17:22

Instrument :
BNA_P
ClientSampleId :
B3-9-10

Tgt Ion:240 Resp: 640062

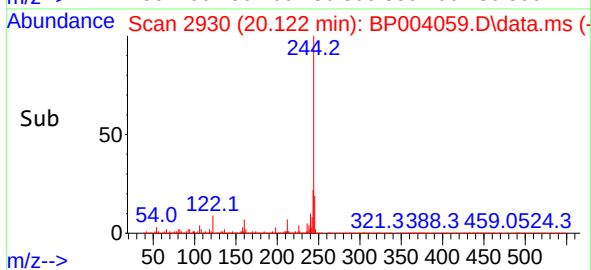
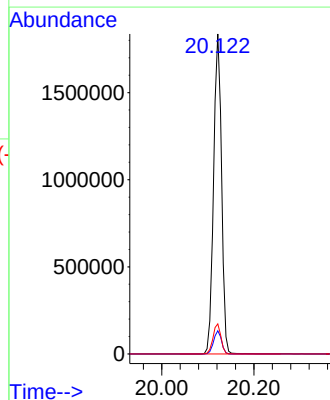
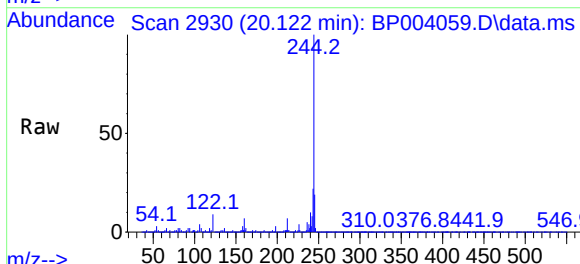
Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.8	11.6
236	24.8	20.8	31.2

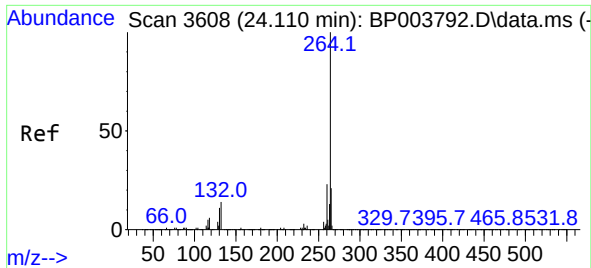


#79
Terphenyl-d14
Concen: 66.73 ng
RT: 20.122 min Scan# 2930
Delta R.T. 0.000 min
Lab File: BP004059.D
Acq: 23 Nov 2020 17:22

Tgt Ion:244 Resp: 2210896

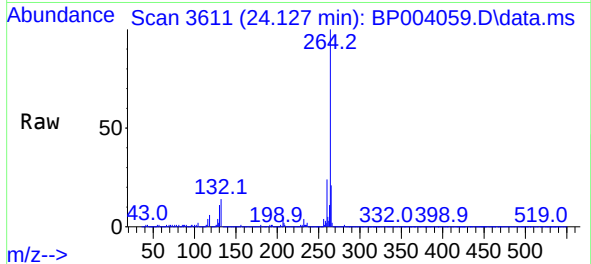
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.4	7.8	11.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.127 min Scan# 3611
Delta R.T. 0.000 min
Lab File: BP004059.D
Acq: 23 Nov 2020 17:22

Instrument :
BNA_P
ClientSampleId :
B3-9-10



Tgt Ion:264 Resp: 651223

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.5	17.4	26.2

