

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102320\
 Data File : BP003733.D
 Acq On : 23 Oct 2020 22:16
 Operator : CG/JU
 Sample : L4488-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1576

Quant Time: Oct 24 00:33:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 19 14:54:24 2020
 Response via : Initial Calibration

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

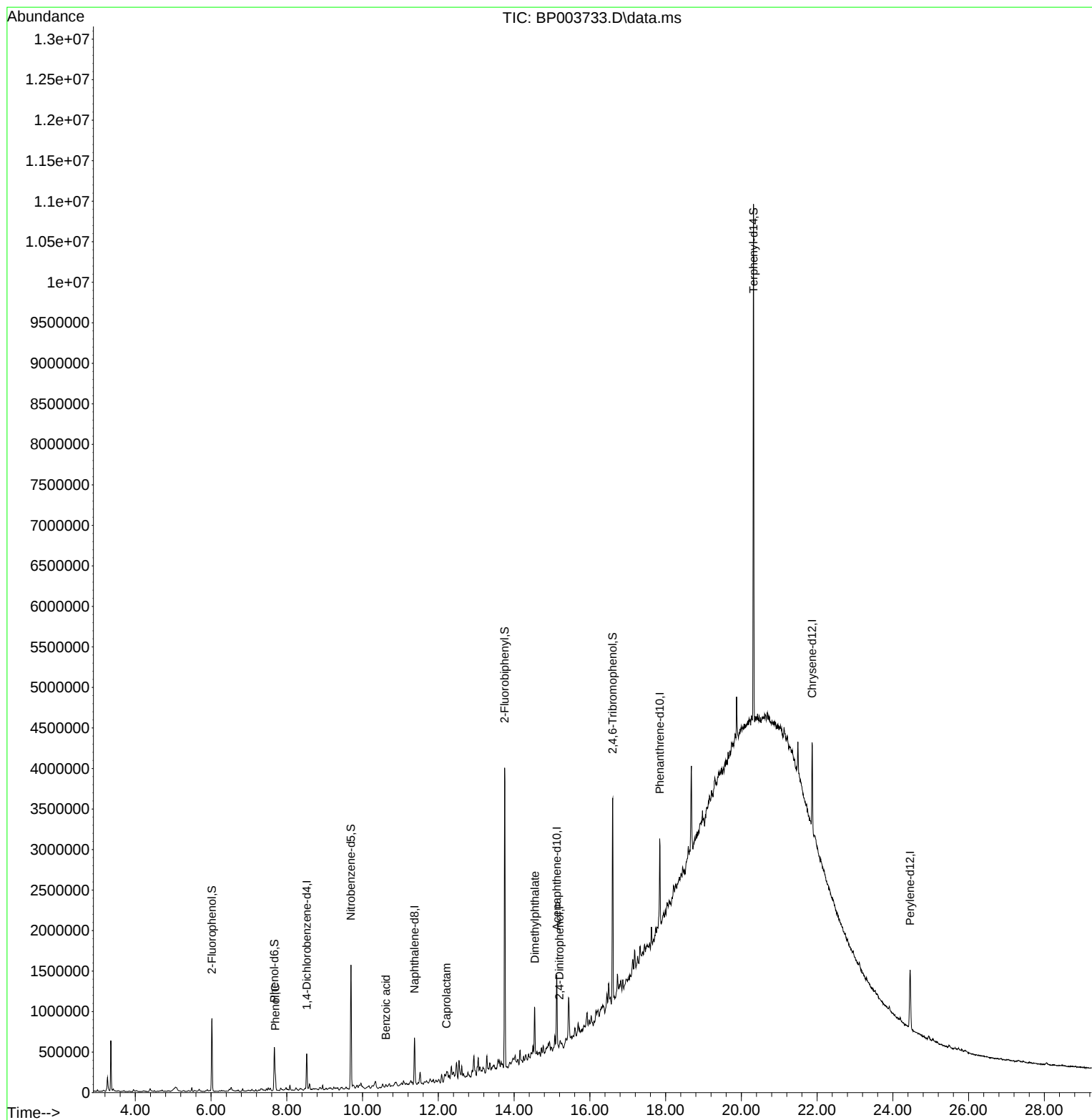
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.528	152	116859	20.00	ng	0.00
21) Naphthalene-d8	11.369	136	433102	20.00	ng	# 0.00
39) Acenaphthene-d10	15.128	164	274934	20.00	ng	0.00
64) Phenanthrene-d10	17.845	188	570907	20.00	ng	# 0.00
76) Chrysene-d12	21.868	240	582641	20.00	ng	0.02
86) Perylene-d12	24.457	264	625697	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.022	112	377221	53.98	ng	0.00
7) Phenol-d6	7.669	99	308934	31.29	ng	0.00
23) Nitrobenzene-d5	9.693	82	888286	86.76	ng	0.00
42) 2,4,6-Tribromophenol	16.604	330	529553	123.46	ng	0.00
45) 2-Fluorobiphenyl	13.751	172	1876795	88.25	ng	0.00
79) Terphenyl-d14	20.321	244	2647666	79.92	ng	0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.622	77	1125	Below Cal	#	66
10) Phenol	7.699	94	87880	9.35	ng	82
32) Benzoic acid	10.616	122	7306	6.65	ng	# 65
35) Caprolactam	12.216	113	7984	3.60	ng	# 2
50) Dimethylphthalate	14.545	163	200070	8.86	ng	96
54) 2,4-Dinitrophenol	15.198	184	123	4.87	ng	# 1

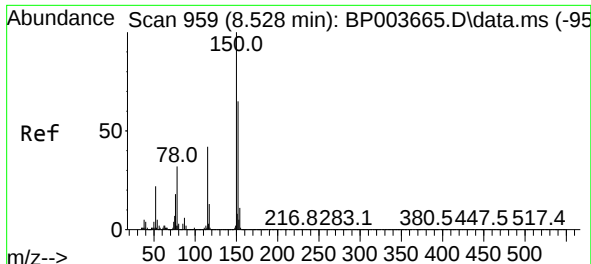
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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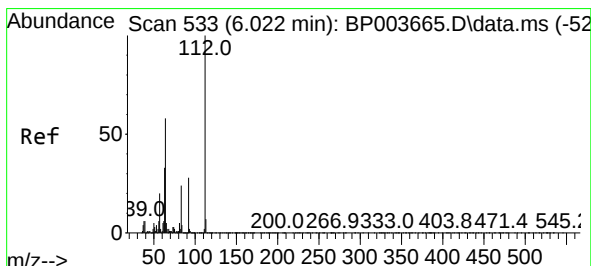
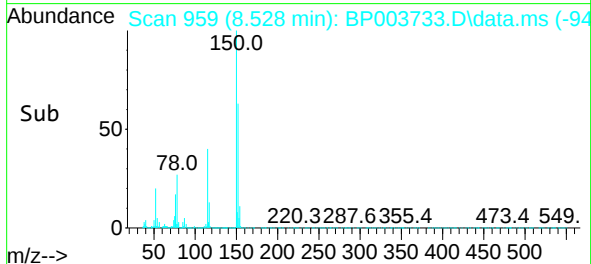
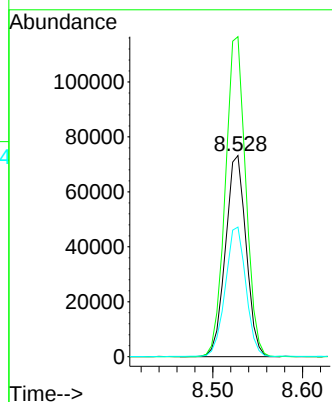
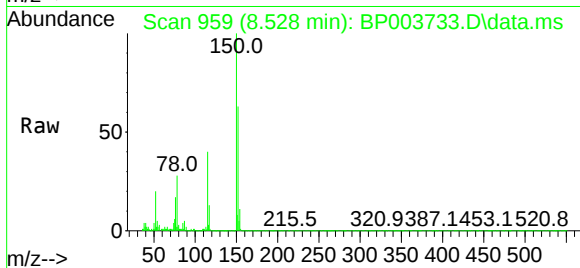




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.528 min Scan# 959
Delta R.T. -0.000 min
Lab File: BP003733.D
Acq: 23 Oct 2020 22:16

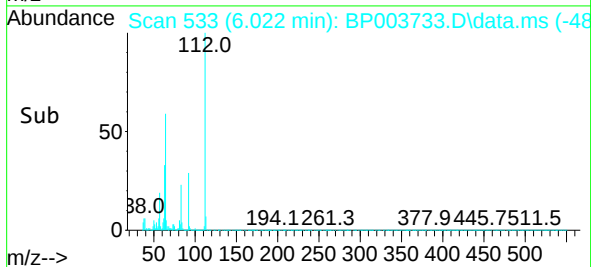
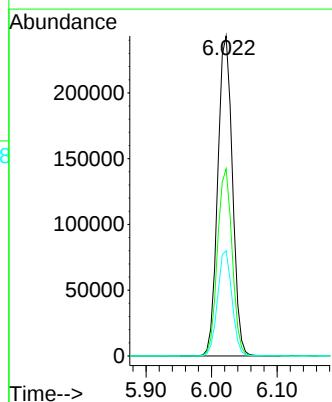
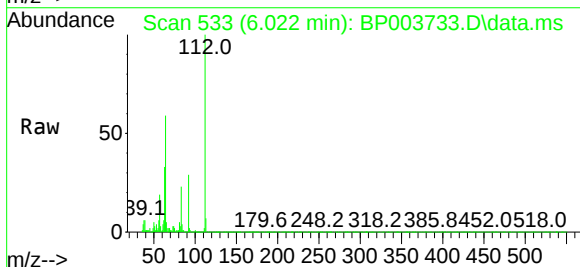
Instrument :
BNA_P
ClientSampleId :
1576

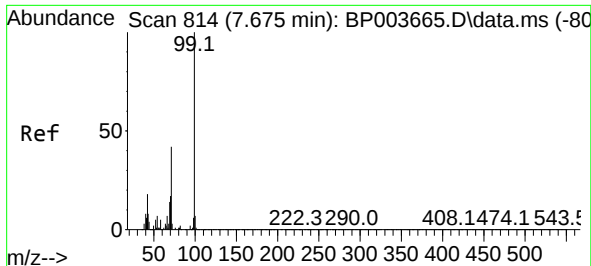
Tgt Ion:152 Resp: 116859
Ion Ratio Lower Upper
152 100
150 159.1 123.8 185.6
115 64.4 43.8 65.6



#5
2-Fluorophenol
Concen: 53.98 ng
RT: 6.022 min Scan# 533
Delta R.T. 0.000 min
Lab File: BP003733.D
Acq: 23 Oct 2020 22:16

Tgt Ion:112 Resp: 377221
Ion Ratio Lower Upper
112 100
64 58.5 32.8 49.2#
63 32.9 17.0 25.4#

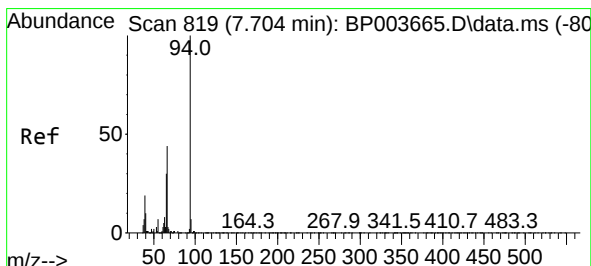
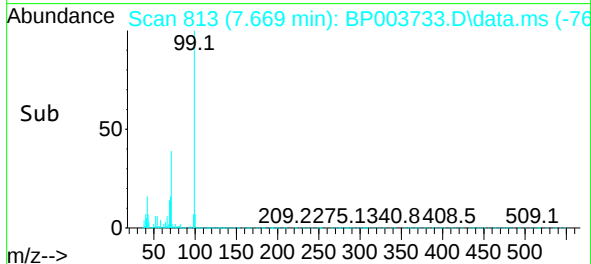
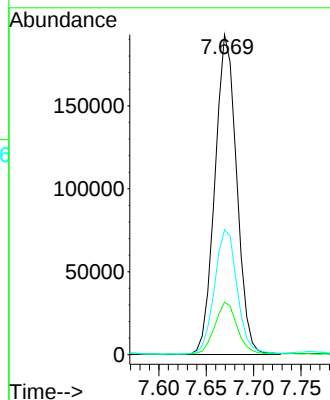
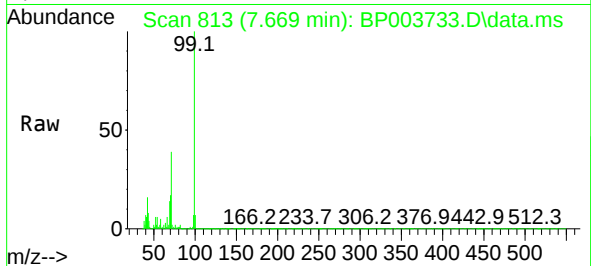




#7
Phenol-d6
Concen: 31.29 ng
RT: 7.669 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP003733.D
Acq: 23 Oct 2020 22:16

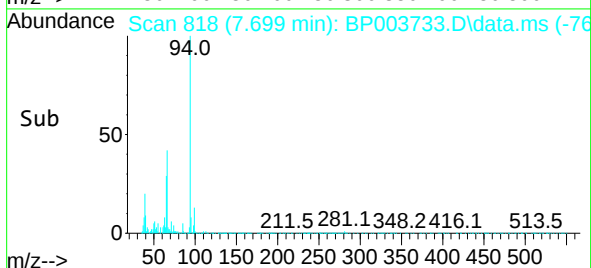
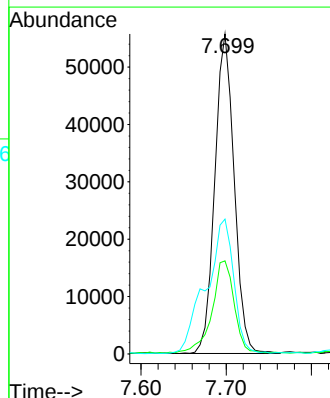
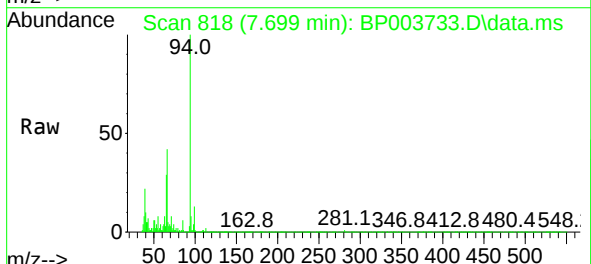
Instrument :
BNA_P
ClientSampleId :
1576

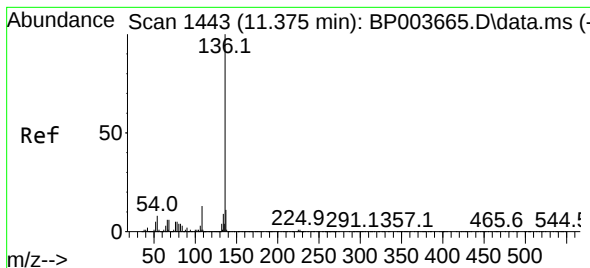
Tgt Ion: 99 Resp: 308934
Ion Ratio Lower Upper
99 100
42 16.4 8.6 13.0#
71 39.1 23.4 35.2#



#10
Phenol
Concen: 9.35 ng
RT: 7.699 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP003733.D
Acq: 23 Oct 2020 22:16

Tgt Ion: 94 Resp: 87880
Ion Ratio Lower Upper
94 100
65 29.1 2.3 42.3
66 42.2 10.9 50.9

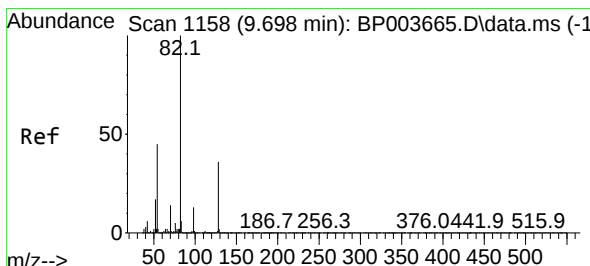
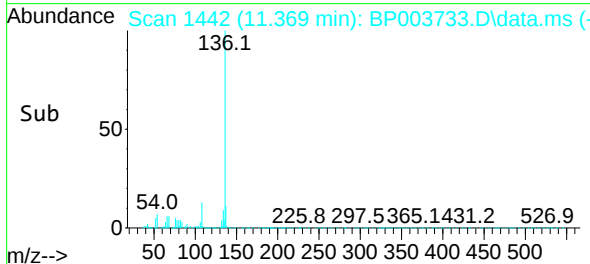
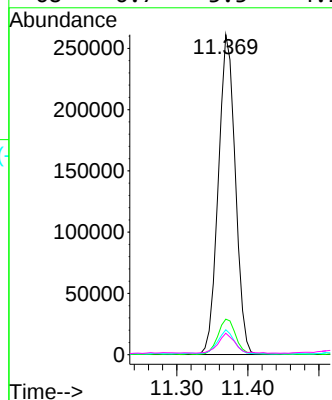
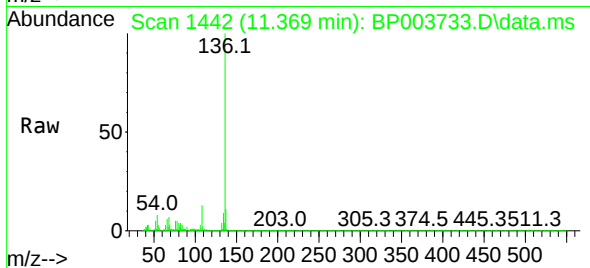




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.369 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BP003733.D
Acq: 23 Oct 2020 22:16

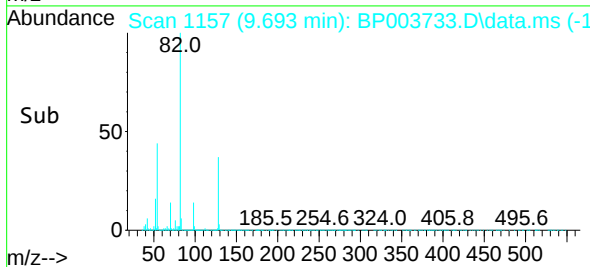
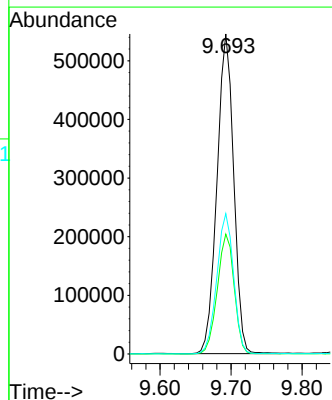
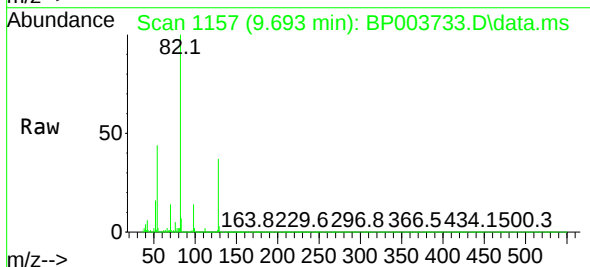
Instrument :
BNA_P
ClientSampleId :
1576

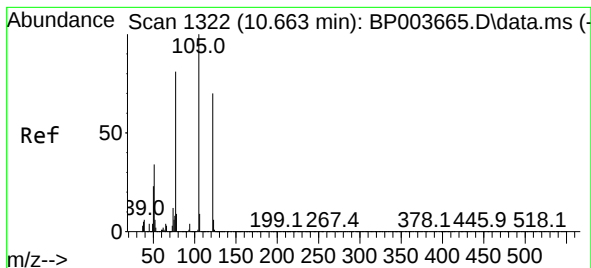
Tgt Ion:	136	Resp:	433102
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	7.8	3.6	5.4#
68	6.7	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 86.76 ng
RT: 9.693 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP003733.D
Acq: 23 Oct 2020 22:16

Tgt Ion:	82	Resp:	888286
Ion Ratio	Lower	Upper	
82	100		
128	37.4	45.6	68.4#
54	43.9	30.1	45.1

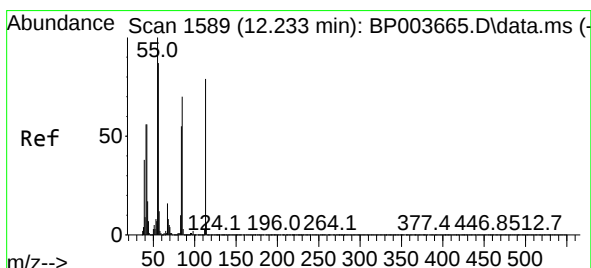
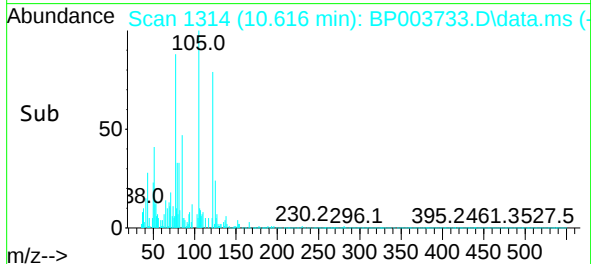
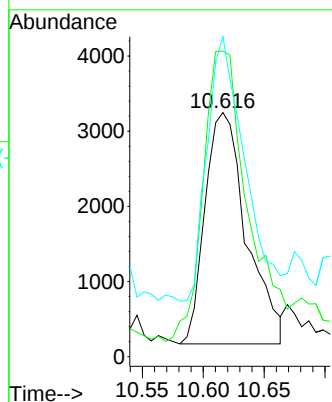
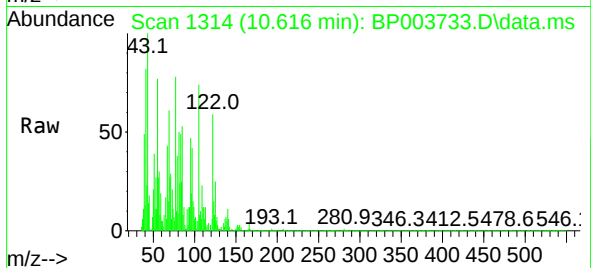




#32
Benzoic acid
Concen: 6.65 ng
RT: 10.616 min Scan# 1314
Delta R.T. -0.047 min
Lab File: BP003733.D
Acq: 23 Oct 2020 22:16

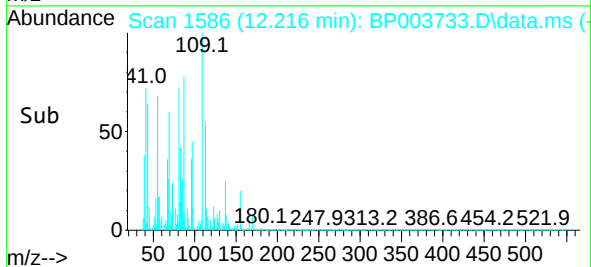
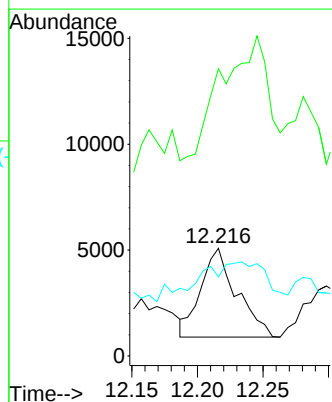
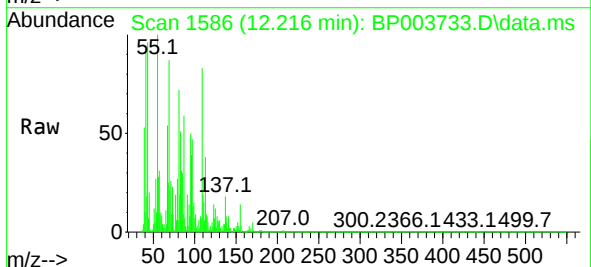
Instrument :
BNA_P
ClientSampleId :
1576

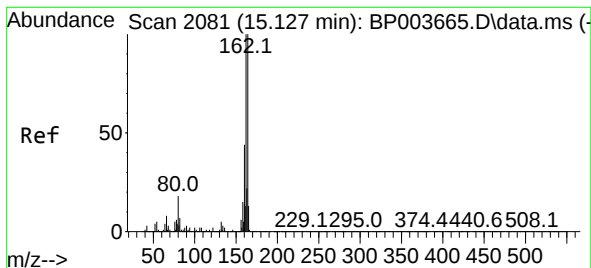
Tgt Ion:122 Resp: 7306
Ion Ratio Lower Upper
122 100
105 125.2 94.1 134.1
77 131.1 50.1 90.1#



#35
Caprolactam
Concen: 3.60 ng
RT: 12.216 min Scan# 1586
Delta R.T. -0.017 min
Lab File: BP003733.D
Acq: 23 Oct 2020 22:16

Tgt Ion:113 Resp: 7984
Ion Ratio Lower Upper
113 100
55 266.6 77.3 117.3#
56 73.4 55.9 95.9





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.128 min Scan# 2081

Delta R.T. 0.001 min

Lab File: BP003733.D

Acq: 23 Oct 2020 22:16

Tgt Ion:164 Resp: 274934

Ion Ratio Lower Upper

164 100

162 100.9 79.4 119.2

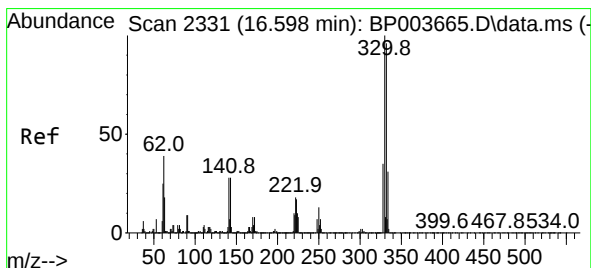
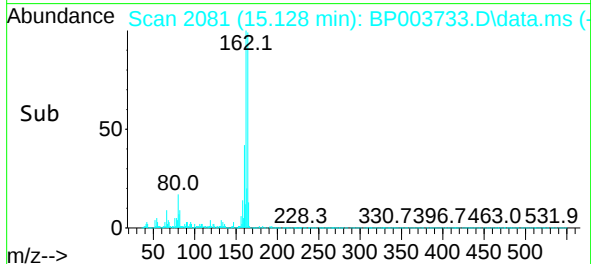
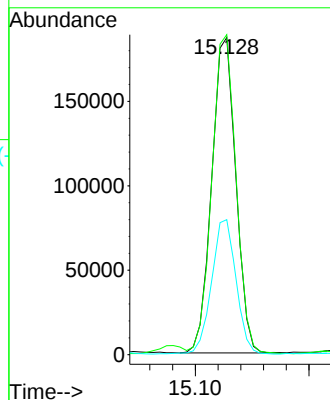
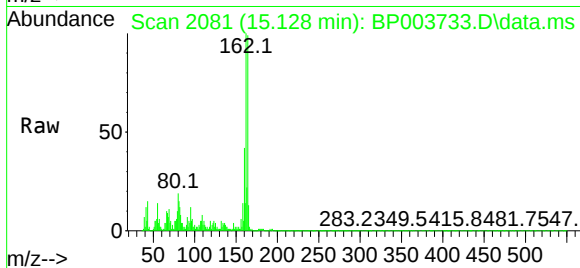
160 42.6 36.1 54.1

Instrument :

BNA_P

ClientSampled :

1576



#42

2,4,6-Tribromophenol

Concen: 123.46 ng

RT: 16.604 min Scan# 2332

Delta R.T. 0.006 min

Lab File: BP003733.D

Acq: 23 Oct 2020 22:16

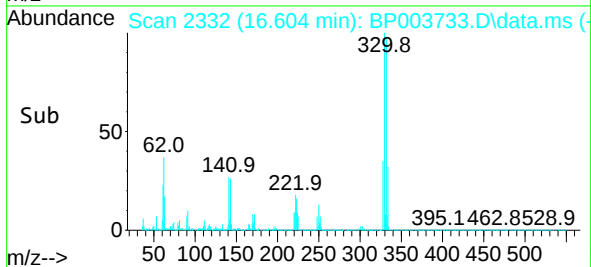
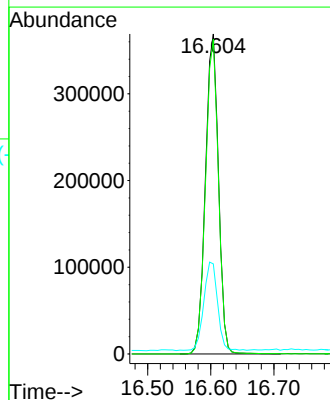
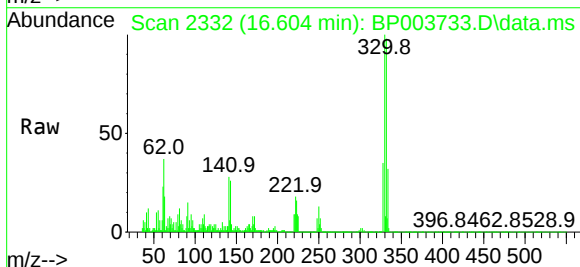
Tgt Ion:330 Resp: 529553

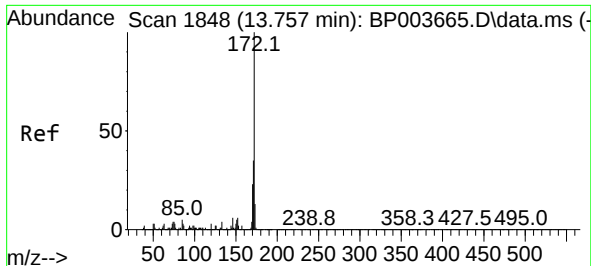
Ion Ratio Lower Upper

330 100

332 97.5 77.1 115.7

141 28.8 23.4 35.2

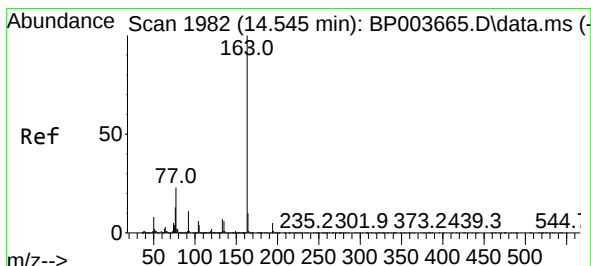
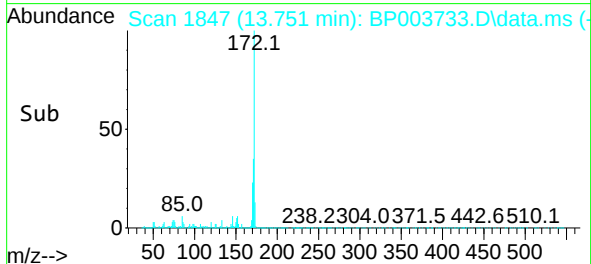
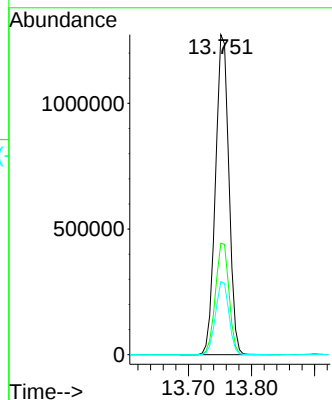
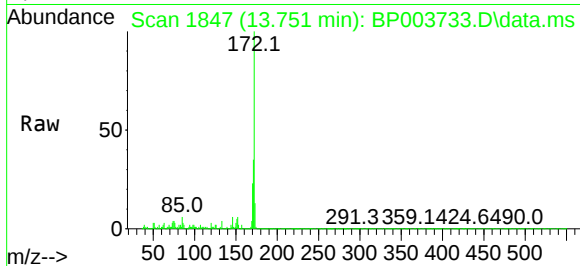




#45
2-Fluorobiphenyl
Concen: 88.25 ng
RT: 13.751 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BP003733.D
Acq: 23 Oct 2020 22:16

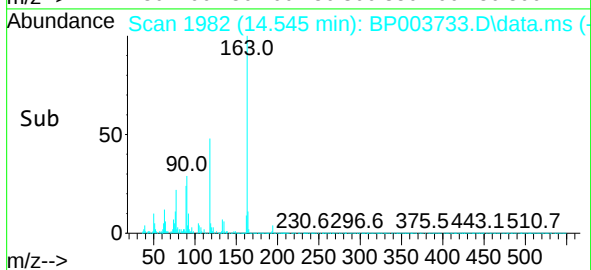
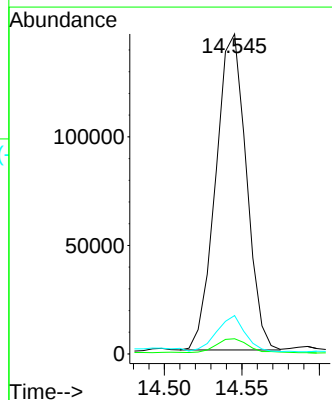
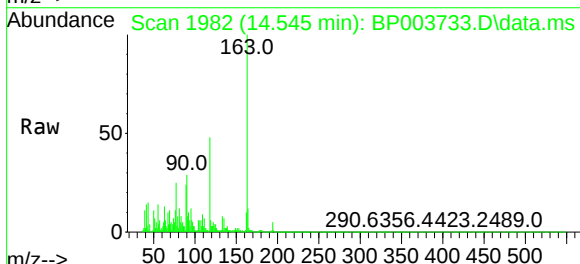
Instrument :
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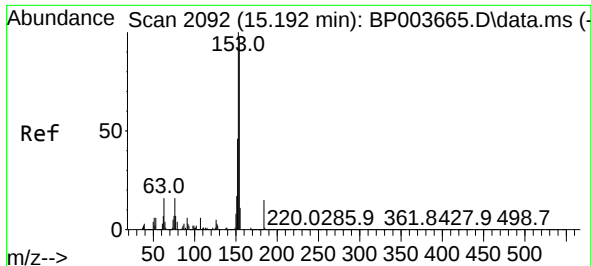
Tgt Ion:172 Resp: 1876795
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.9 19.2 28.8



#50
Dimethylphthalate
Concen: 8.86 ng
RT: 14.545 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BP003733.D
Acq: 23 Oct 2020 22:16

Tgt Ion:163 Resp: 200070
Ion Ratio Lower Upper
163 100
194 4.8 3.3 4.9
164 12.0 8.2 12.2

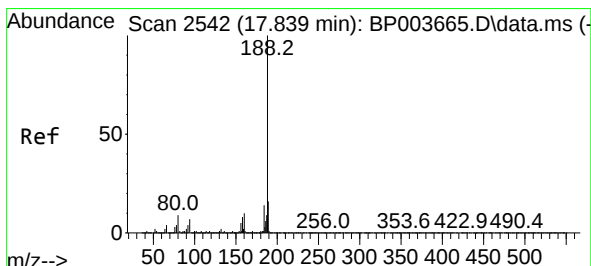
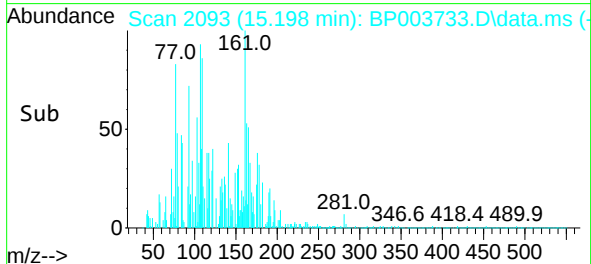
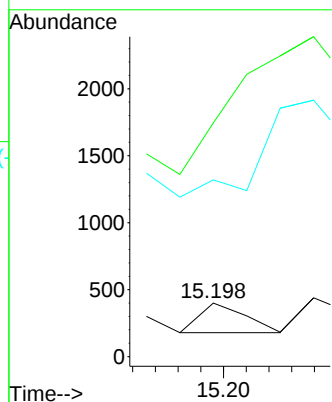
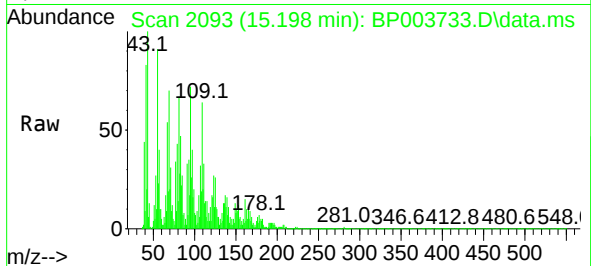




#54
2,4-Dinitrophenol
Concen: 4.87 ng
RT: 15.198 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP003733.D
Acq: 23 Oct 2020 22:16

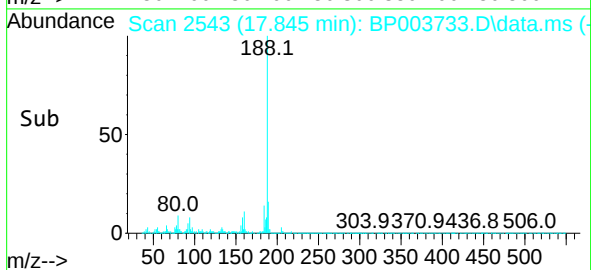
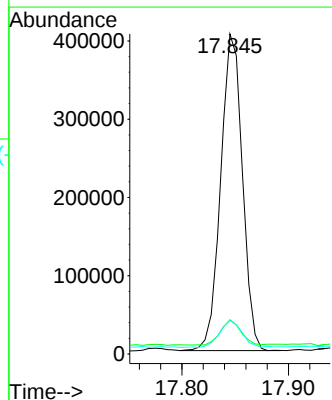
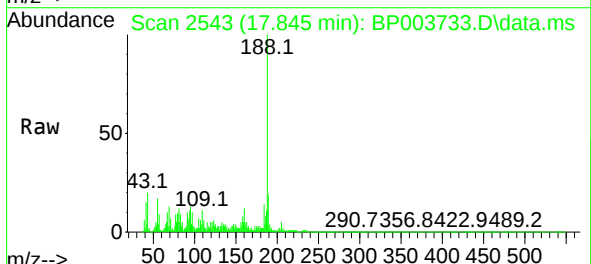
Instrument :
BNA_P
ClientSampled :
1576

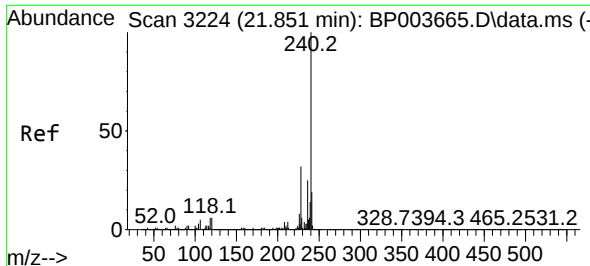
Tgt Ion:184 Resp: 123
Ion Ratio Lower Upper
184 100
63 436.3 32.3 48.5#
154 330.0 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.845 min Scan# 2543
Delta R.T. 0.006 min
Lab File: BP003733.D
Acq: 23 Oct 2020 22:16

Tgt Ion:188 Resp: 570907
Ion Ratio Lower Upper
188 100
94 10.7 6.2 9.2#
80 10.4 6.2 9.2#

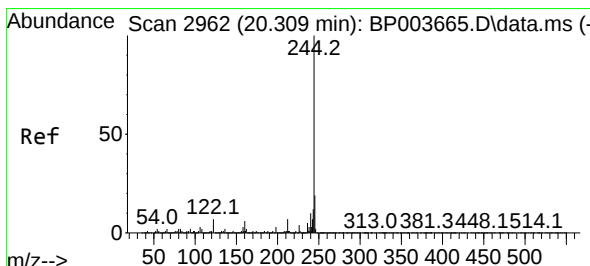
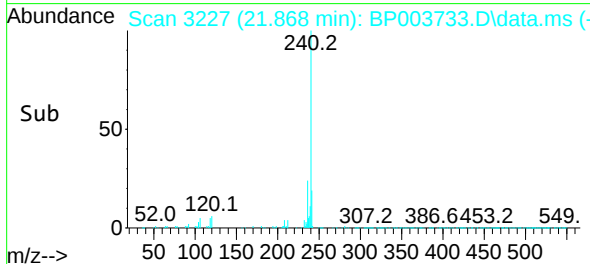
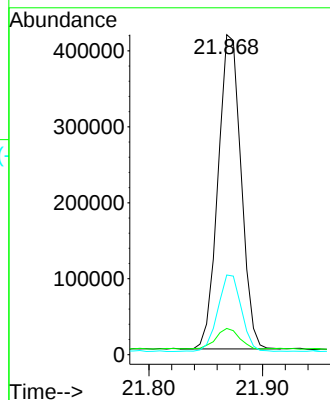
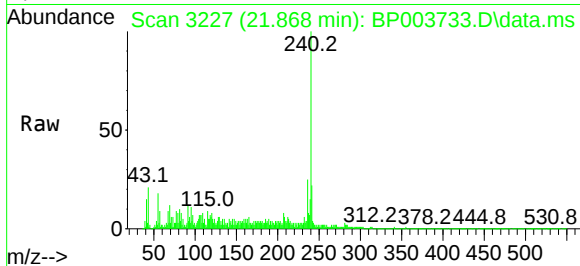




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.868 min Scan# 3227
Delta R.T. 0.018 min
Lab File: BP003733.D
Acq: 23 Oct 2020 22:16

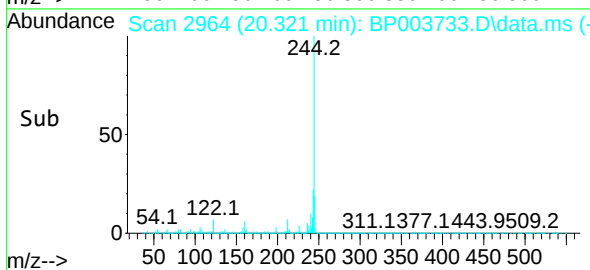
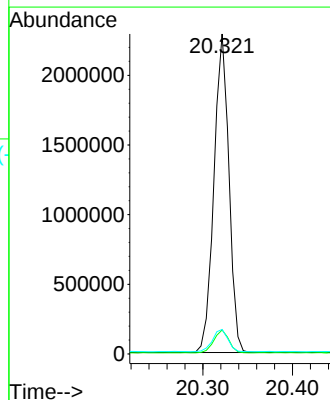
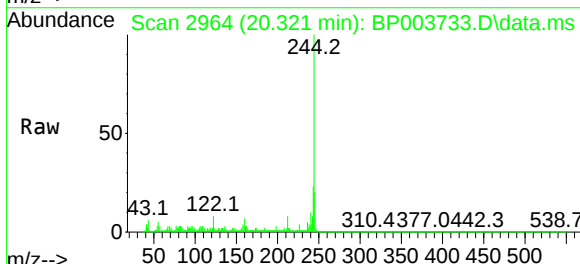
Instrument :
BNA_P
ClientSampled :
1576

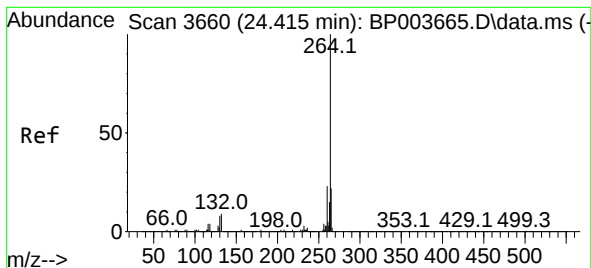
Tgt Ion:240 Resp: 582641
Ion Ratio Lower Upper
240 100
120 8.2 7.8 11.6
236 24.9 20.8 31.2



#79
Terphenyl-d14
Concen: 79.92 ng
RT: 20.321 min Scan# 2964
Delta R.T. 0.012 min
Lab File: BP003733.D
Acq: 23 Oct 2020 22:16

Tgt Ion:244 Resp: 2647666
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 7.6 7.8 11.8#





#86

Perylene-d12

Concen: 20.00 ng

RT: 24.457 min Scan# 3667

Delta R.T. 0.041 min

Lab File: BP003733.D

Acq: 23 Oct 2020 22:16

Instrument :

BNA_P

ClientSampleId :

1576

Tgt Ion:264 Resp: 625697

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 22.0 17.4 26.2

