

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
 Data File : BP003332.D
 Acq On : 18 Sep 2020 21:05
 Operator : CG/JU
 Sample : L3871-13 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-091720

Quant Time: Sep 19 06:20:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 14:13:41 2020
 Response via : Initial Calibration

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

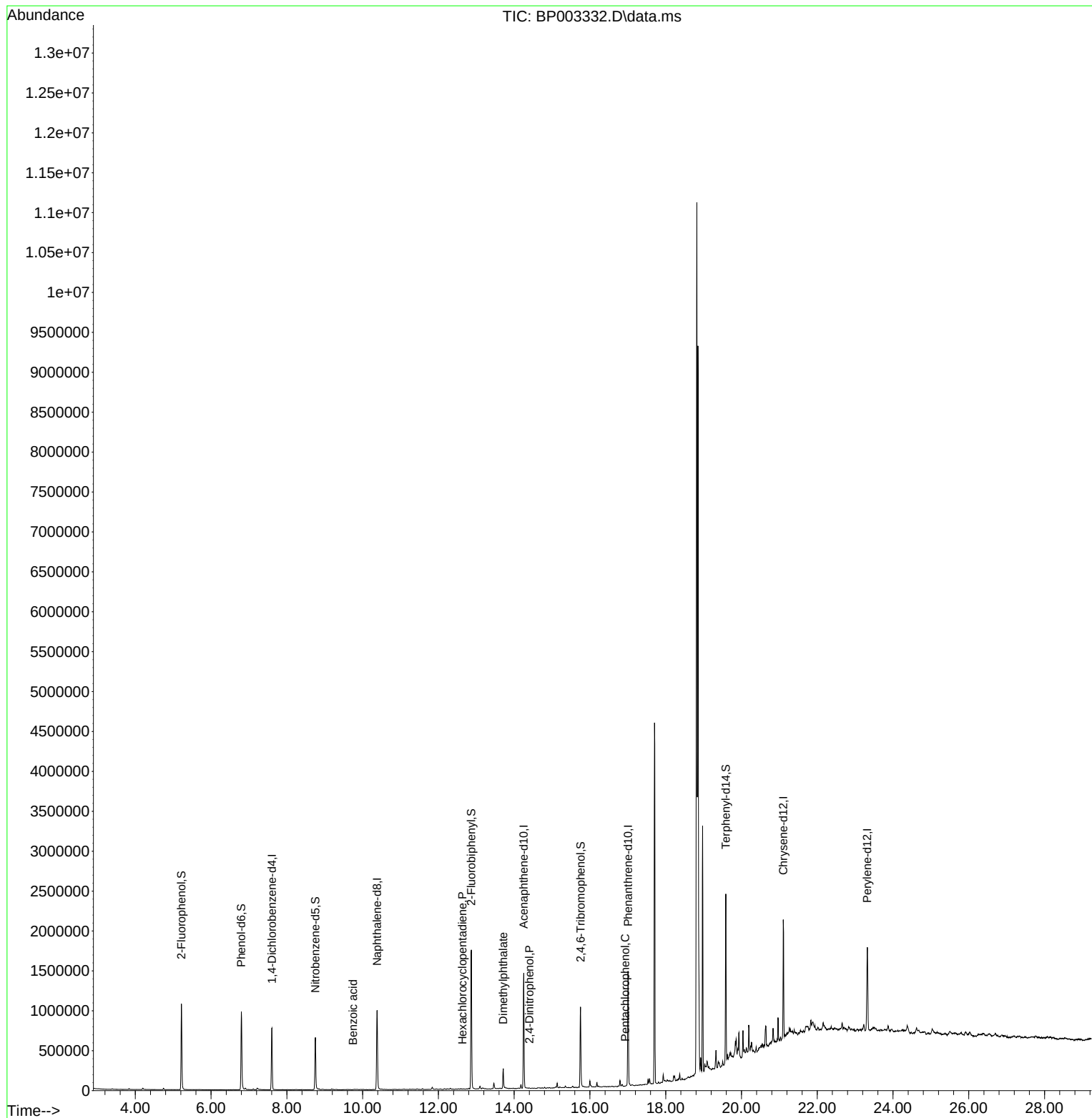
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.605	152	222799	20.00	ng	0.00
21) Naphthalene-d8	10.381	136	886674	20.00	ng	# 0.00
39) Acenaphthene-d10	14.251	164	495426	20.00	ng	0.00
64) Phenanthrene-d10	17.004	188	875022	20.00	ng	0.00
76) Chrysene-d12	21.104	240	696985	20.00	ng	0.00
86) Perylene-d12	23.321	264	730059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.217	112	524634	41.12	ng	0.00
7) Phenol-d6	6.799	99	665428	39.13	ng	0.00
23) Nitrobenzene-d5	8.752	82	422877	28.02	ng	0.00
42) 2,4,6-Tribromophenol	15.751	330	216514	28.65	ng	0.00
45) 2-Fluorobiphenyl	12.869	172	954130	28.17	ng	0.00
79) Terphenyl-d14	19.586	244	851997	25.47	ng	0.00
Target Compounds						
32) Benzoic acid	9.746	122	37	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.634	237	31	6.84	ng	75
50) Dimethylphthalate	13.710	163	173718	4.39	ng	100
54) 2,4-Dinitrophenol	14.398	184	21	7.26	ng	# 1
70) Pentachlorophenol	16.934	266	65	6.78	ng	98

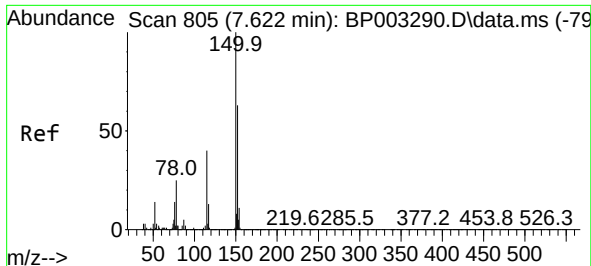
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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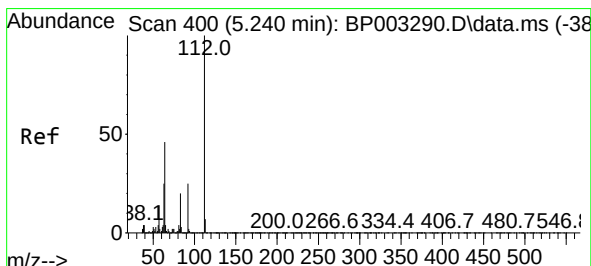
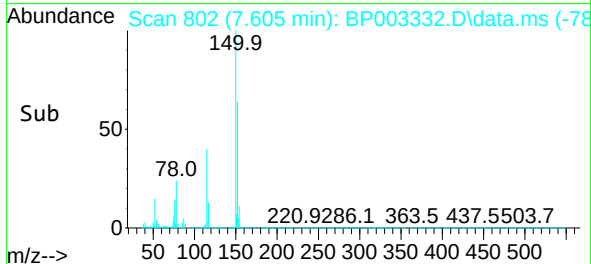
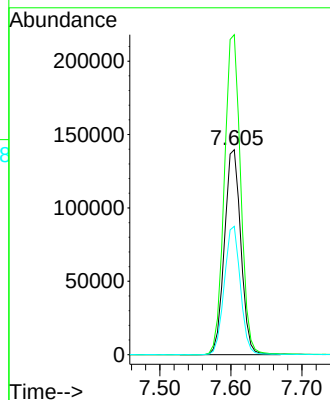
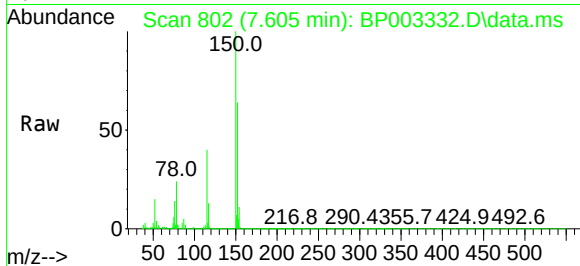




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.605 min Scan# 802
Delta R.T. 0.006 min
Lab File: BP003332.D
Acq: 18 Sep 2020 21:05

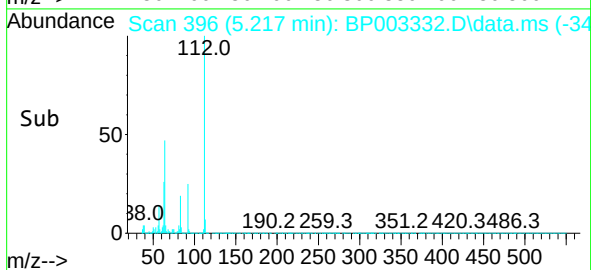
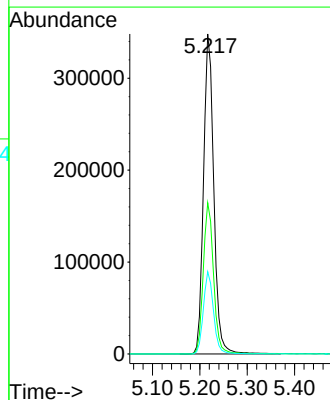
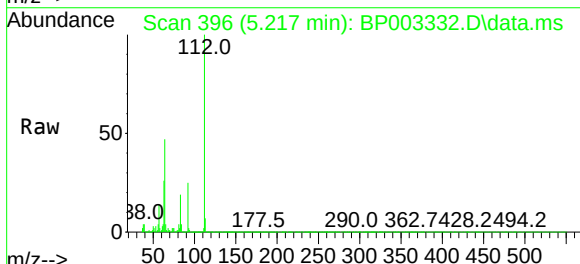
Instrument :
BNA_P
ClientSampleId :
TR-05-091720

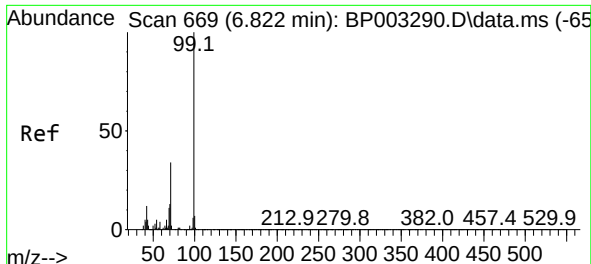
Tgt Ion:152 Resp: 222799
Ion Ratio Lower Upper
152 100
150 156.1 123.8 185.6
115 62.6 43.8 65.6



#5
2-Fluorophenol
Concen: 41.12 ng
RT: 5.217 min Scan# 396
Delta R.T. 0.006 min
Lab File: BP003332.D
Acq: 18 Sep 2020 21:05

Tgt Ion:112 Resp: 524634
Ion Ratio Lower Upper
112 100
64 47.2 32.8 49.2
63 25.7 17.0 25.4#

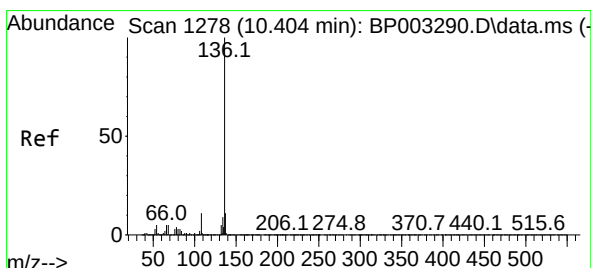
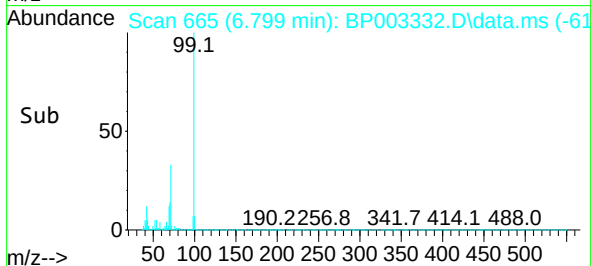
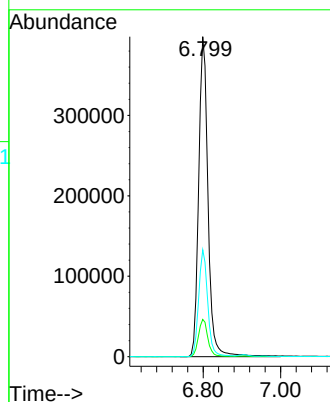
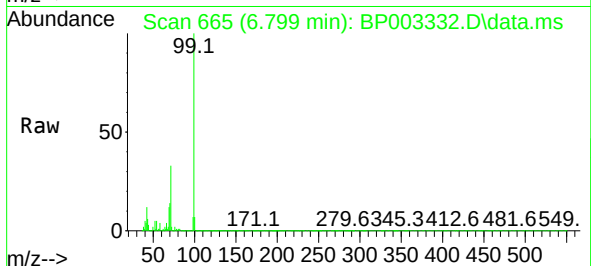




#7
Phenol-d6
Concen: 39.13 ng
RT: 6.799 min Scan# 665
Delta R.T. 0.006 min
Lab File: BP003332.D
Acq: 18 Sep 2020 21:05

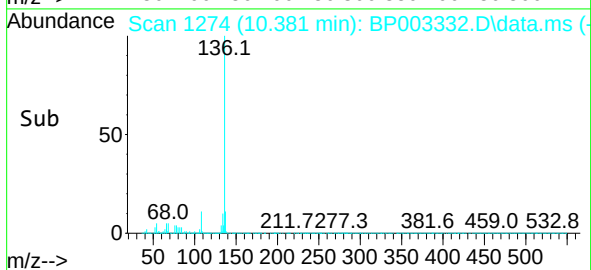
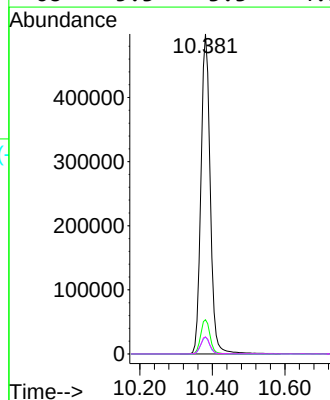
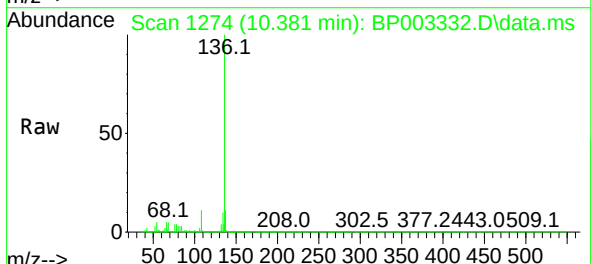
Instrument :
BNA_P
ClientSampleId :
TR-05-091720

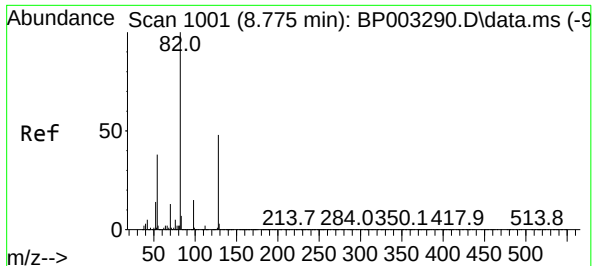
Tgt Ion: 99 Resp: 665428
Ion Ratio Lower Upper
99 100
42 11.7 8.6 13.0
71 33.4 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.381 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BP003332.D
Acq: 18 Sep 2020 21:05

Tgt Ion: 136 Resp: 886674
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 5.3 3.6 5.4
68 5.3 3.3 4.9#

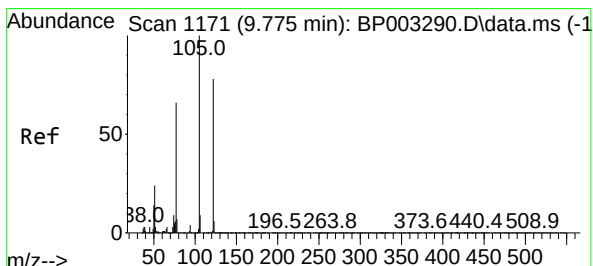
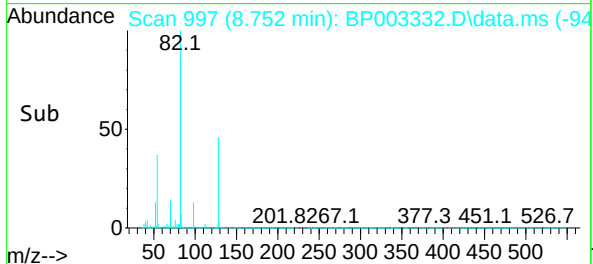
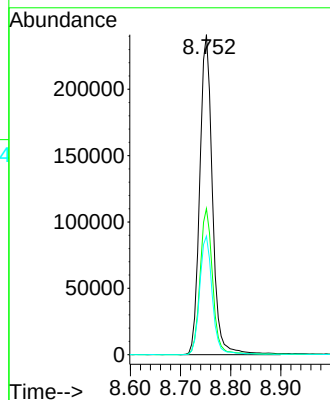
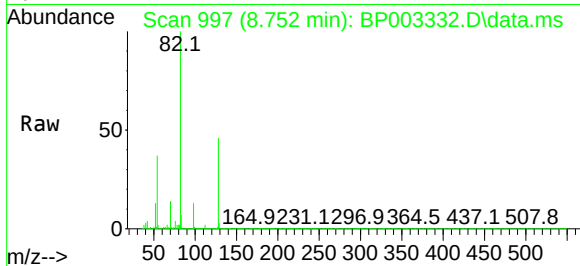




#23
Nitrobenzene-d5
Concen: 28.02 ng
RT: 8.752 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP003332.D
Acq: 18 Sep 2020 21:05

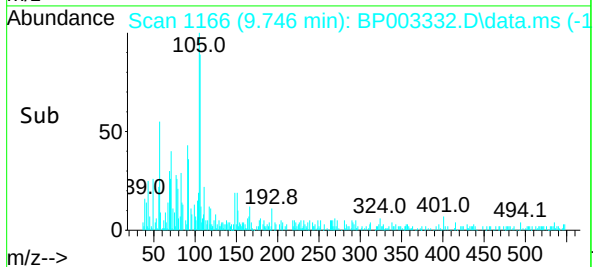
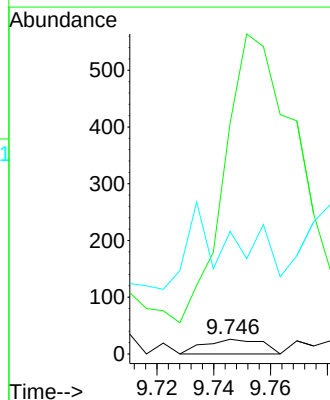
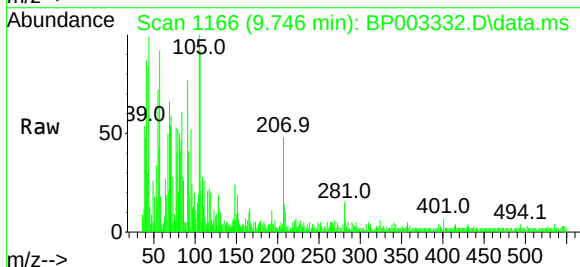
Instrument :
BNA_P
ClientSampleId :
TR-05-091720

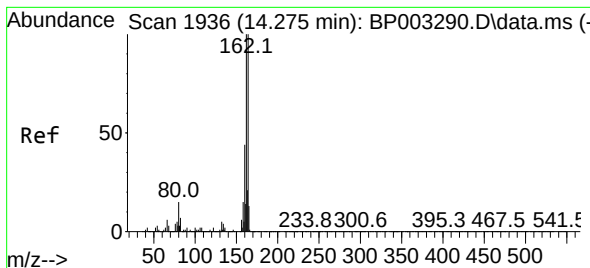
Tgt Ion: 82 Resp: 422877
Ion Ratio Lower Upper
82 100
128 45.6 45.6 68.4
54 37.1 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.746 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BP003332.D
Acq: 18 Sep 2020 21:05

Tgt Ion: 122 Resp: 37
Ion Ratio Lower Upper
122 100
105 1565.4 94.1 134.1#
77 830.8 50.1 90.1#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.251 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BP003332.D

Acq: 18 Sep 2020 21:05

Instrument :

BNA_P

ClientSampleId :

TR-05-091720

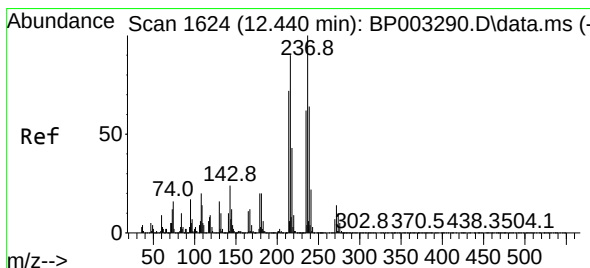
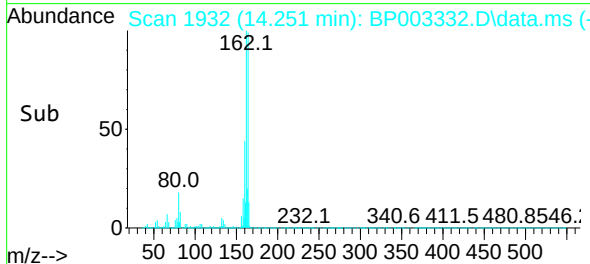
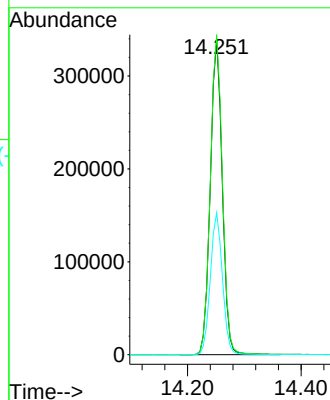
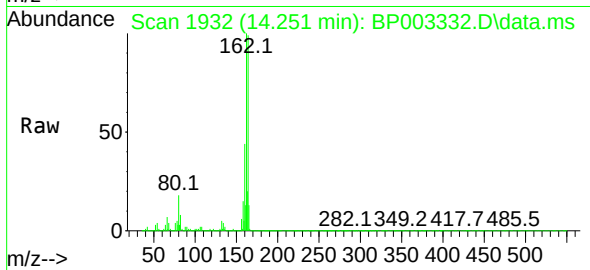
Tgt Ion:164 Resp: 495426

Ion Ratio Lower Upper

164 100

162 101.3 79.4 119.2

160 44.9 36.1 54.1



#41

Hexachlorocyclopentadiene

Concen: 6.84 ng

RT: 12.634 min Scan# 1657

Delta R.T. 0.223 min

Lab File: BP003332.D

Acq: 18 Sep 2020 21:05

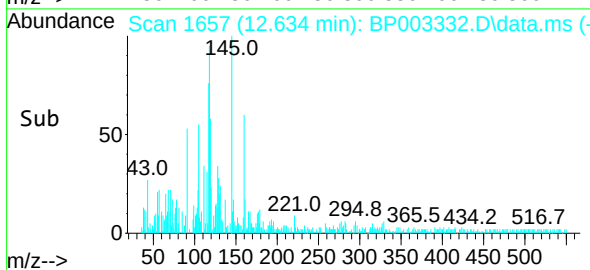
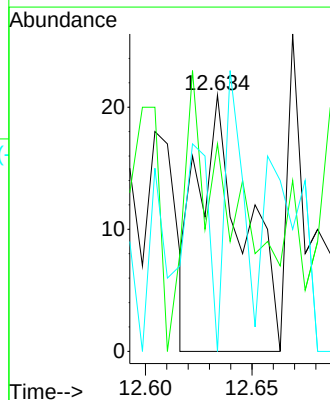
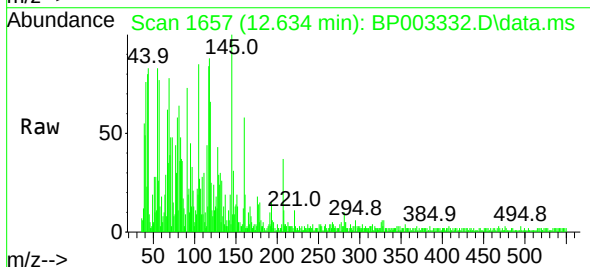
Tgt Ion:237 Resp: 31

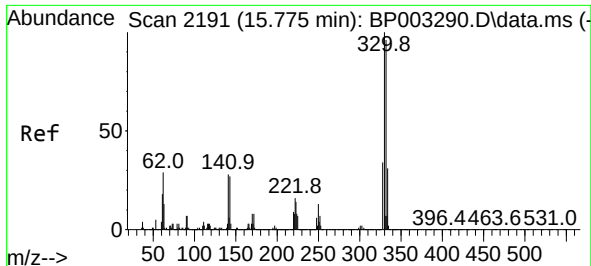
Ion Ratio Lower Upper

237 100

235 81.0 43.2 83.2

272 0.0 0.0 33.3

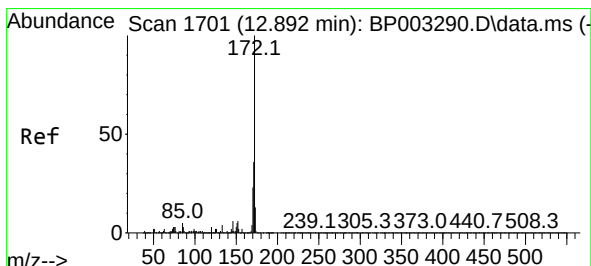
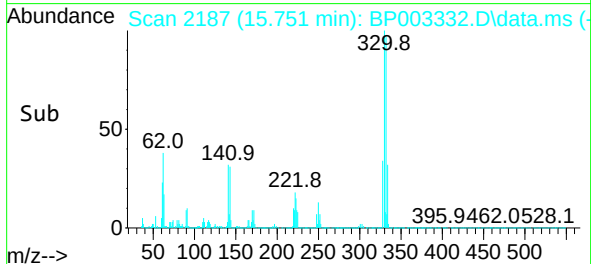
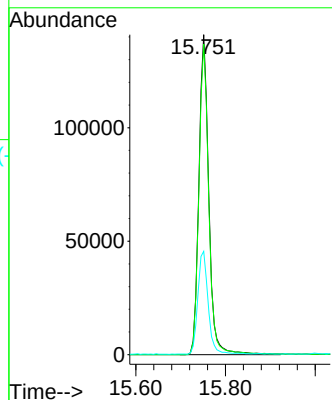
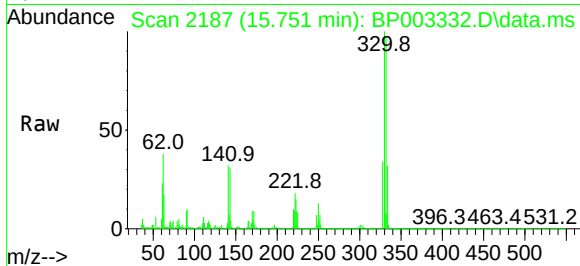




#42
2,4,6-Tribromophenol
Concen: 28.65 ng
RT: 15.751 min Scan# 2187
Delta R.T. 0.006 min
Lab File: BP003332.D
Acq: 18 Sep 2020 21:05

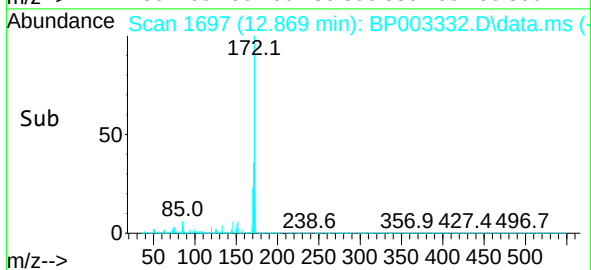
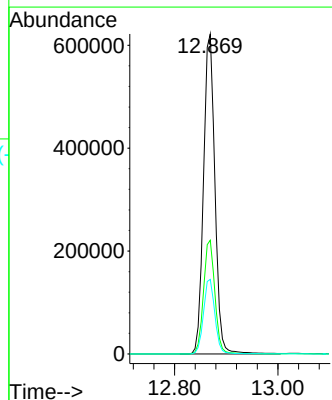
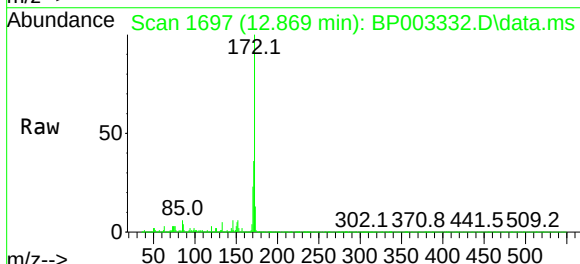
Instrument :
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TR-05-091720

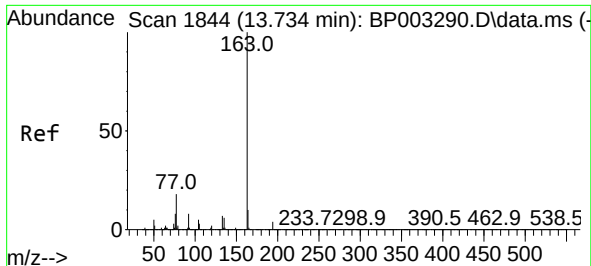
Tgt Ion:330 Resp: 216514
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 33.3 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 28.17 ng
RT: 12.869 min Scan# 1697
Delta R.T. 0.006 min
Lab File: BP003332.D
Acq: 18 Sep 2020 21:05

Tgt Ion:172 Resp: 954130
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.3 19.2 28.8

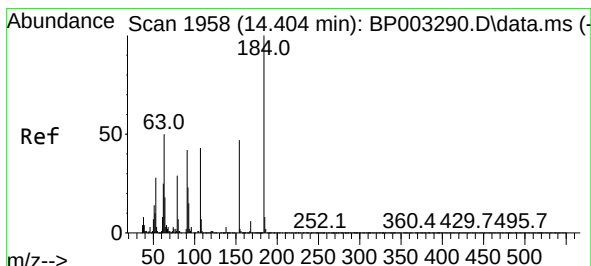
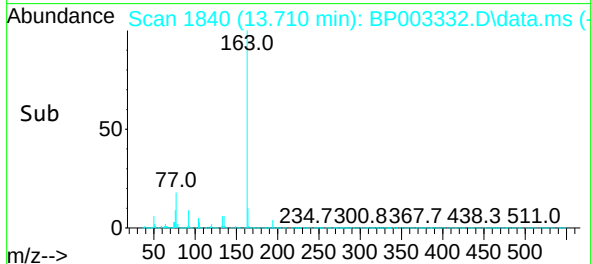
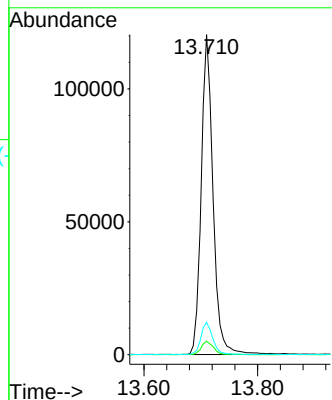
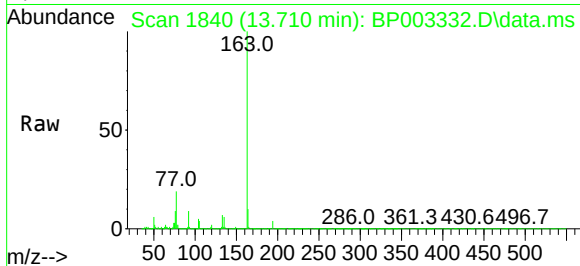




#50
Dimethylphthalate
Concen: 4.39 ng
RT: 13.710 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BP003332.D
Acq: 18 Sep 2020 21:05

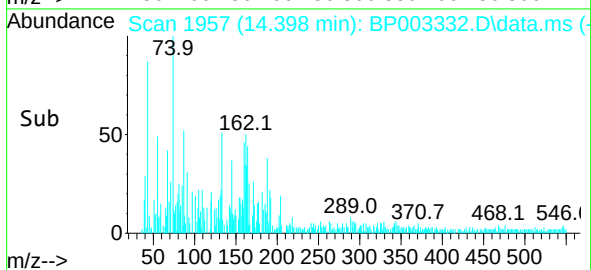
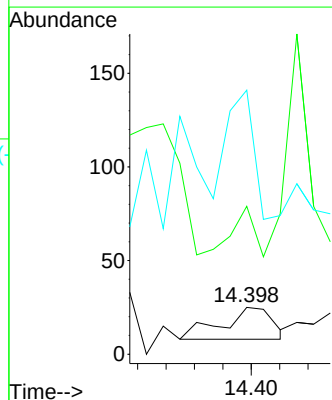
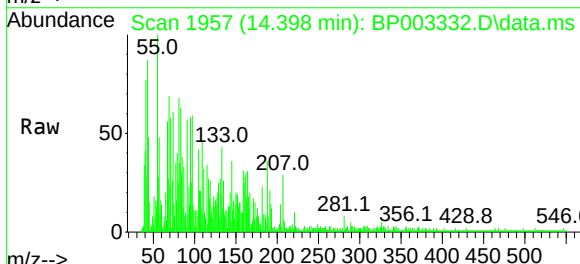
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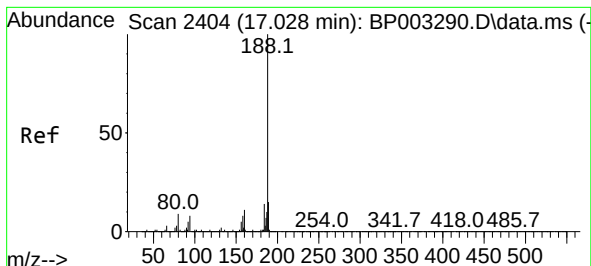
Tgt Ion:163 Resp: 173718
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.398 min Scan# 1957
Delta R.T. 0.018 min
Lab File: BP003332.D
Acq: 18 Sep 2020 21:05

Tgt Ion:184 Resp: 21
Ion Ratio Lower Upper
184 100
63 316.0 32.3 48.5#
154 564.0 49.1 73.7#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.004 min Scan# 2400

Delta R.T. -0.000 min

Lab File: BP003332.D

Acq: 18 Sep 2020 21:05

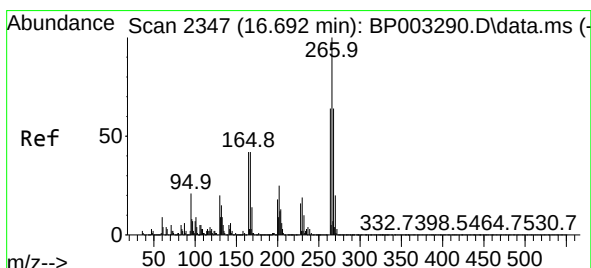
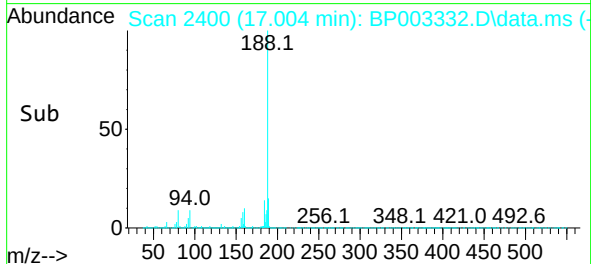
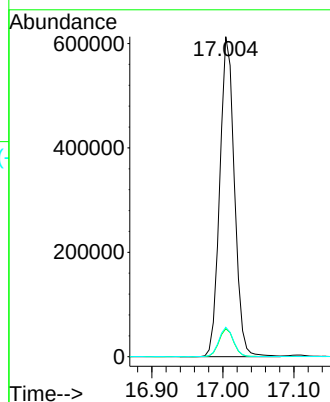
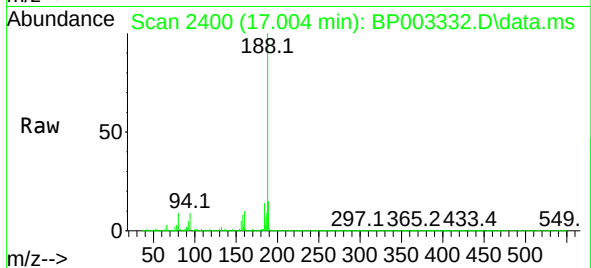
Instrument :

BNA_P

ClientSampleId :

TR-05-091720

Tgt Ion:188	Resp:	875022
Ion Ratio	Lower	Upper
188	100	
94	8.8	6.2 9.2
80	9.2	6.2 9.2



#70

Pentachlorophenol

Concen: 6.78 ng

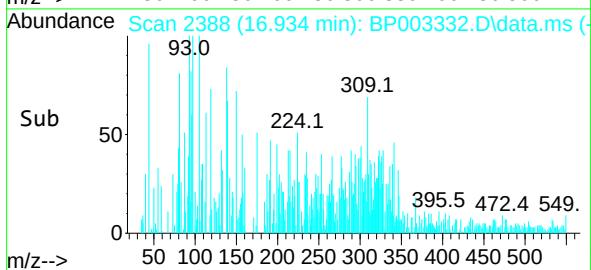
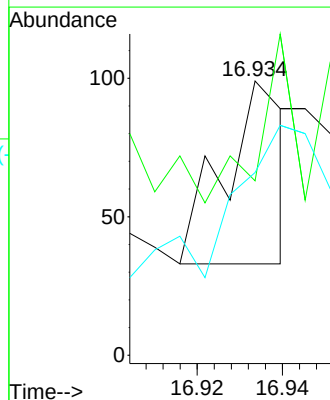
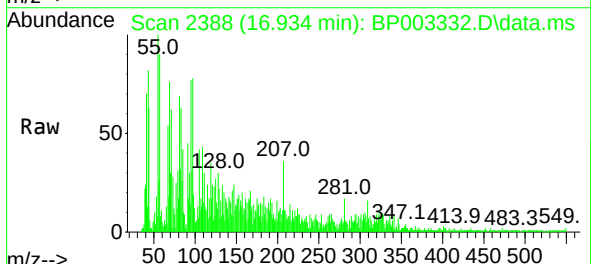
RT: 16.934 min Scan# 2388

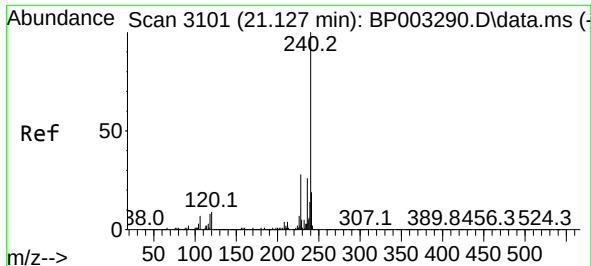
Delta R.T. 0.265 min

Lab File: BP003332.D

Acq: 18 Sep 2020 21:05

Tgt Ion:266	Resp:	65
Ion Ratio	Lower	Upper
266	100	
268	63.6	51.1 76.7
264	66.7	50.6 76.0

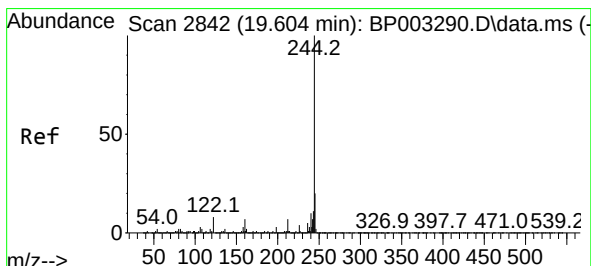
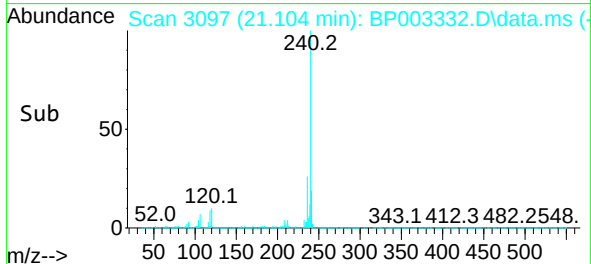
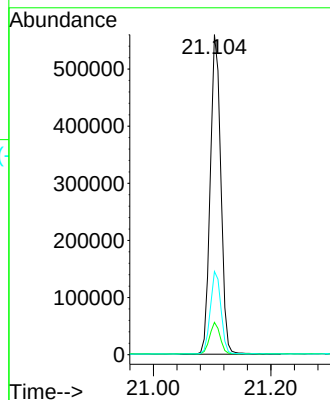
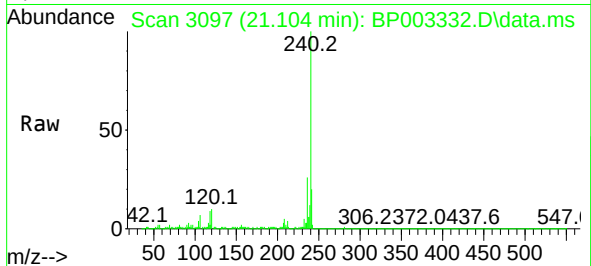




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.104 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BP003332.D
Acq: 18 Sep 2020 21:05

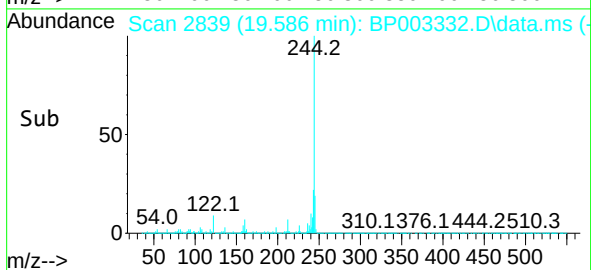
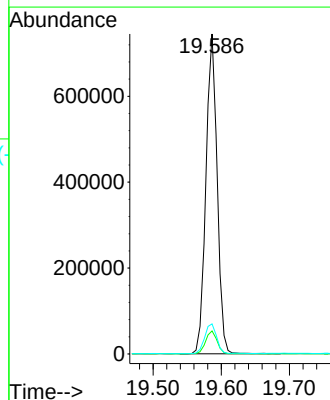
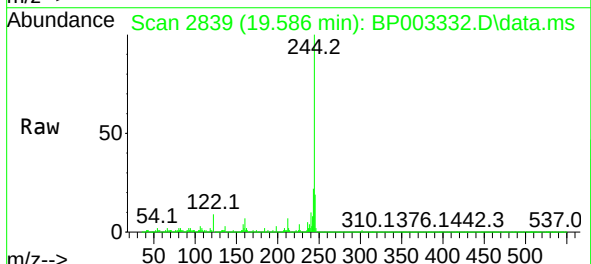
Instrument :
BNA_P
ClientSampleId :
TR-05-091720

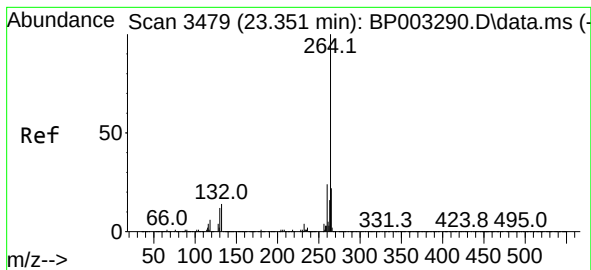
Tgt Ion:240 Resp: 696985
Ion Ratio Lower Upper
240 100
120 10.1 7.8 11.6
236 26.0 20.8 31.2



#79
Terphenyl-d14
Concen: 25.47 ng
RT: 19.586 min Scan# 2839
Delta R.T. 0.006 min
Lab File: BP003332.D
Acq: 18 Sep 2020 21:05

Tgt Ion:244 Resp: 851997
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: 23.321 min Scan# 3474
 Delta R.T. 0.006 min
 Lab File: BP003332.D
 Acq: 18 Sep 2020 21:05

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-091720

Tgt Ion:264 Resp: 730059
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 22.0 17.4 26.2

