

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100719\
 Data File : BP000546.D
 Acq On : 07 Oct 2019 16:30
 Operator : JU
 Sample : K5231-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190768-SS-COMPOSITE-8

Quant Time: Oct 07 17:30:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

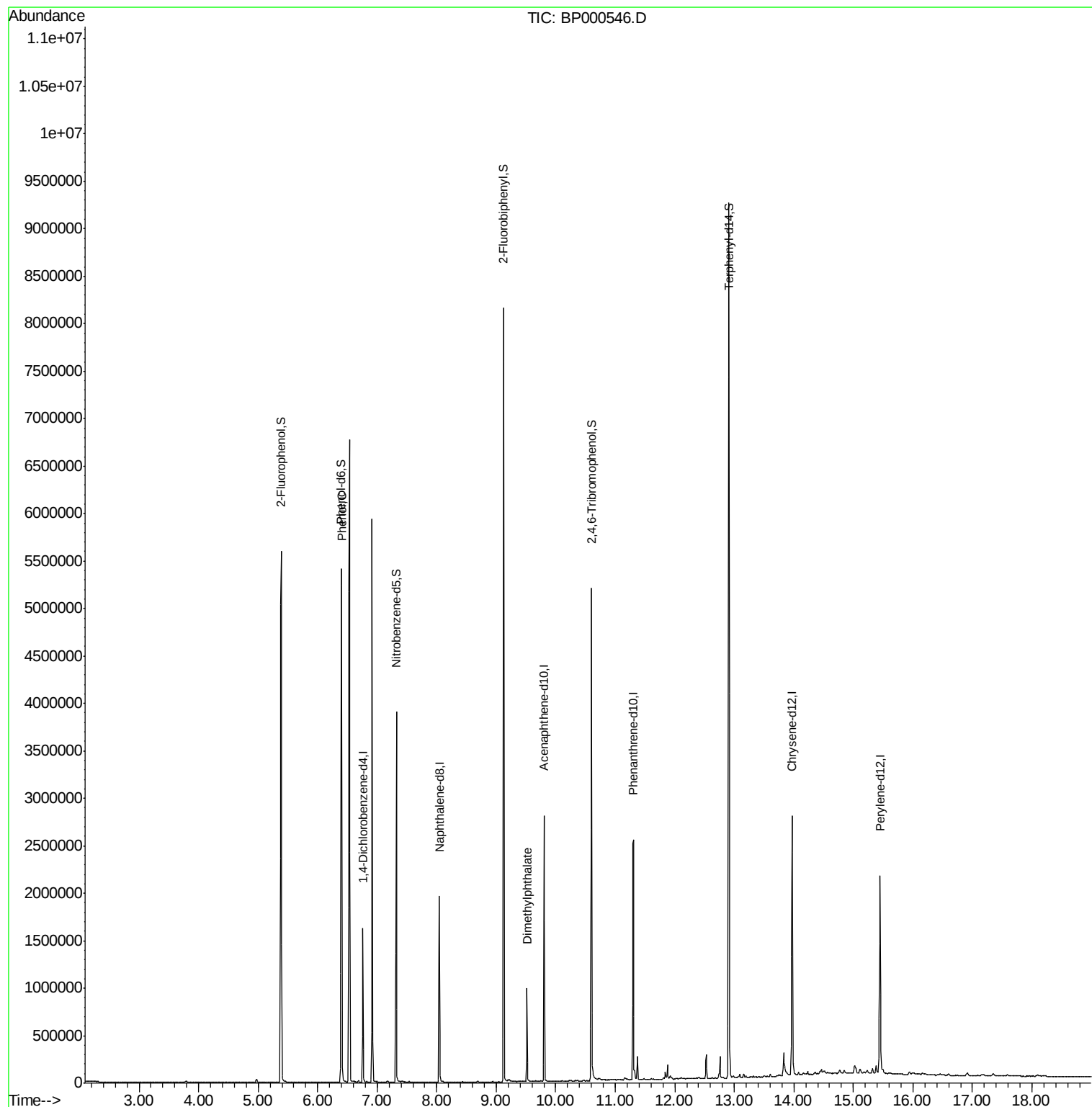
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	255568	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	918251	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	512958	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	955147	20.00	ng	0.00
76) Chrysene-d12	13.97	240	862229	20.00	ng	-0.01
87) Perylene-d12	15.45	264	962955	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1856032	116.74	ng	0.00
7) Phenol-d6	6.40	99	2400138	125.27	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1266032	84.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	685061	125.33	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2624303	82.78	ng	-0.01
79) Terphenyl-d14	12.91	244	3237766	76.03	ng	0.00
Target Compounds						
10) Phenol	6.41	94	52520	2.677	ng	99
50) Dimethylphthalate	9.52	163	413533	11.602	ng	99

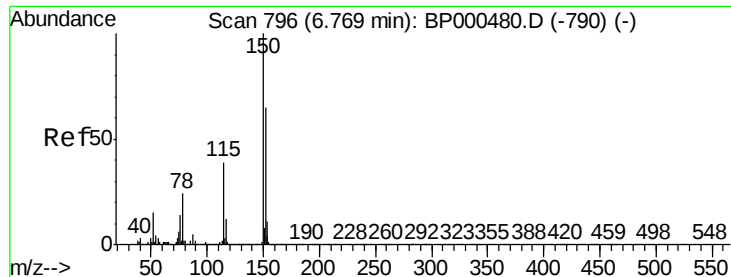
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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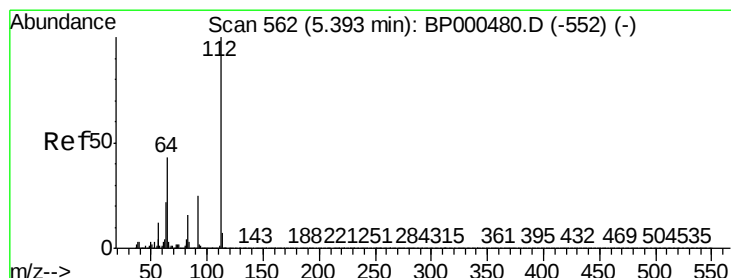
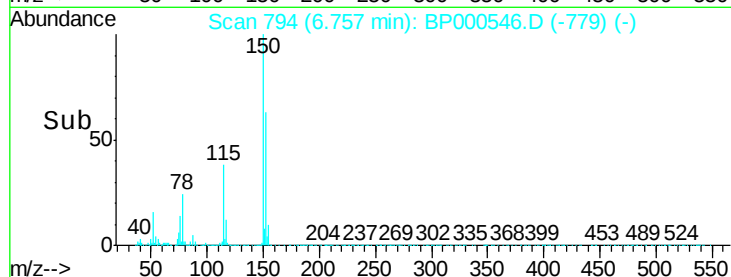
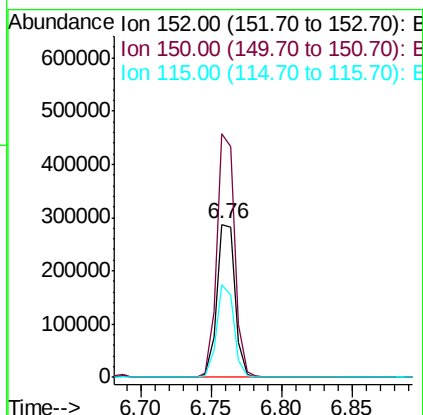
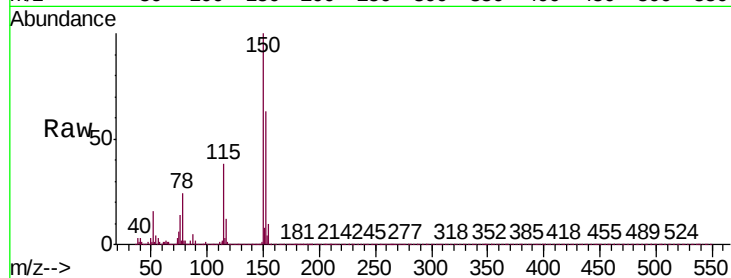


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BP000546.D
Acq: 07 Oct 2019 16:30

Instrument :
BNA_P
ClientSampleId :
20190768-SS-COMPOSITE-8

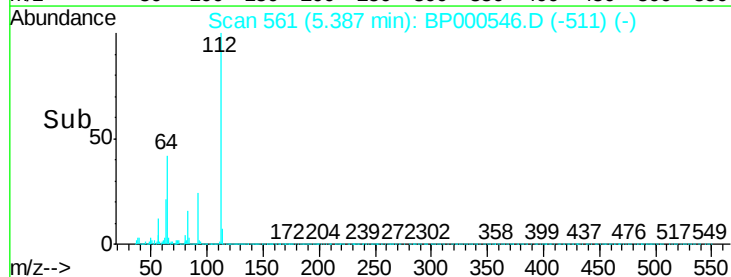
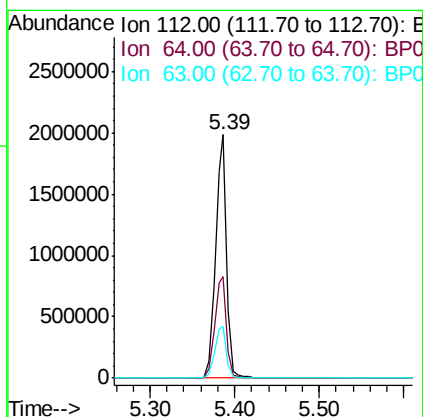
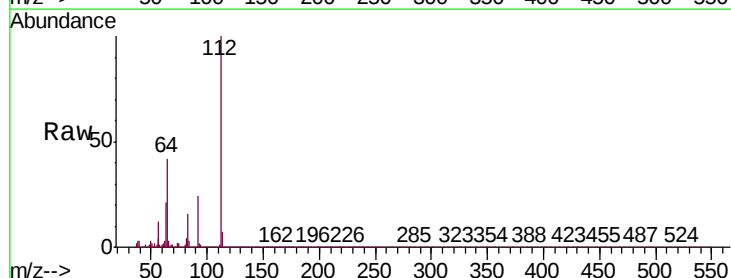
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.1	186.1
115	60.5	48.7	73.1

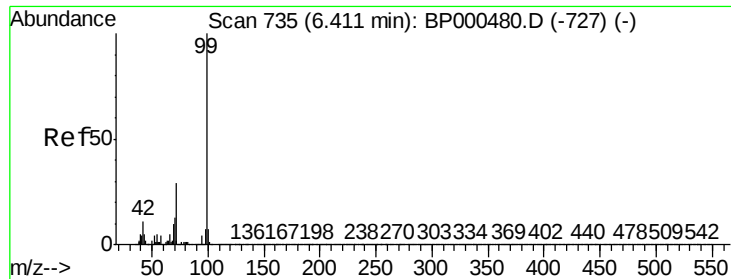


#5

2-Fluorophenol
Concen: 116.739 ng
RT: 5.39 min Scan# 561
Delta R.T. -0.01 min
Lab File: BP000546.D
Acq: 07 Oct 2019 16:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.9	34.2	51.4
63	21.1	17.9	26.9





#7

Phenol-d6

Concen: 125.275 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BP000546.D

Acq: 07 Oct 2019 16:30

Instrument :

BNA_P

ClientSampleId :

20190768-SS-COMPOSITE-8

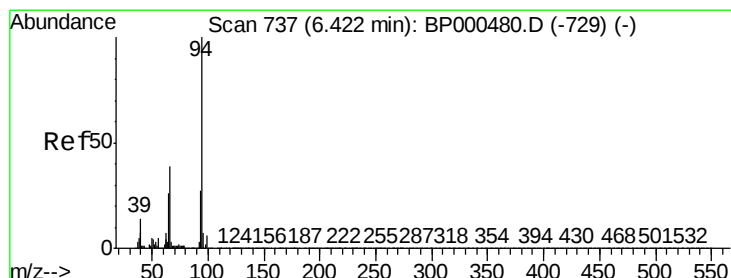
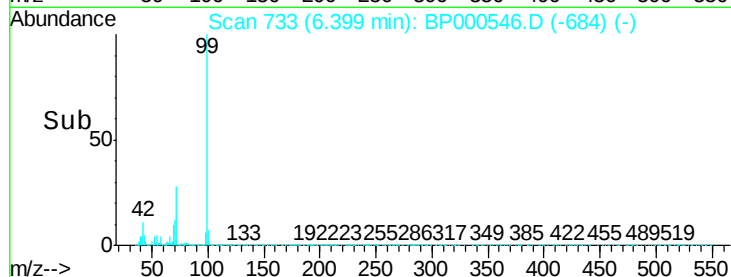
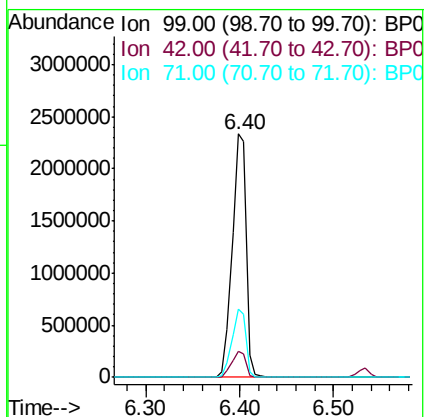
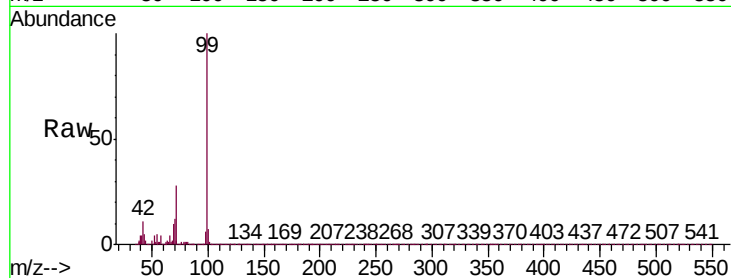
Tgt Ion: 99 Resp: 2400138

Ion Ratio Lower Upper

99 100

42 10.8 8.6 12.8

71 28.3 23.0 34.4



#10

Phenol

Concen: 2.677 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BP000546.D

Acq: 07 Oct 2019 16:30

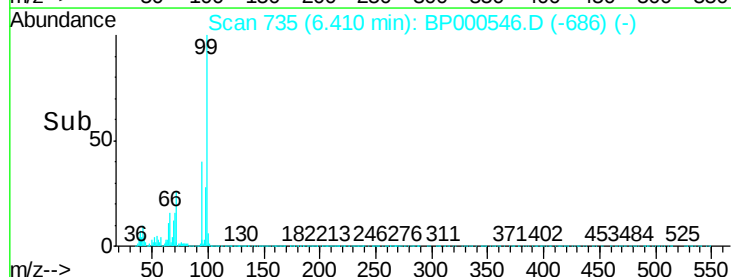
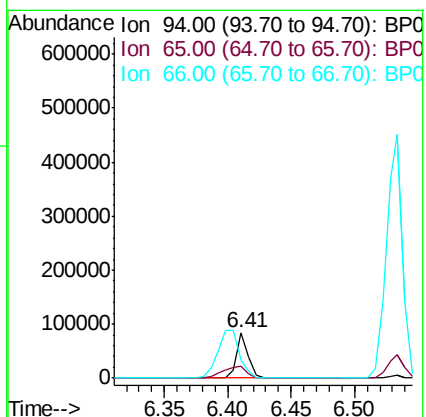
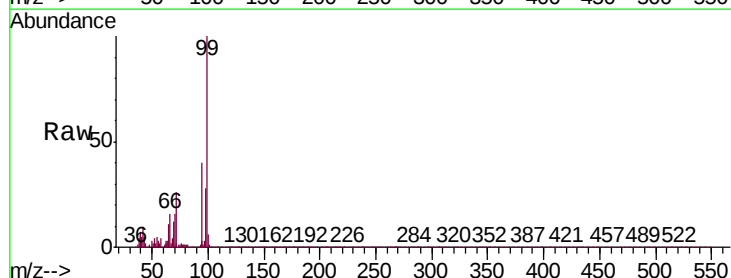
Tgt Ion: 94 Resp: 52520

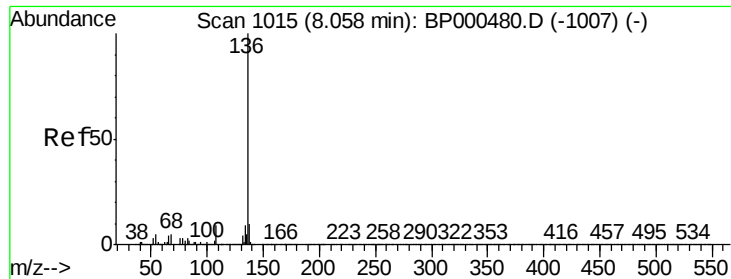
Ion Ratio Lower Upper

94 100

65 26.3 5.9 45.9

66 39.5 18.8 58.8

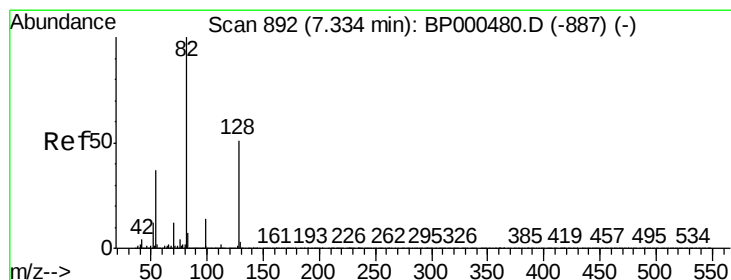
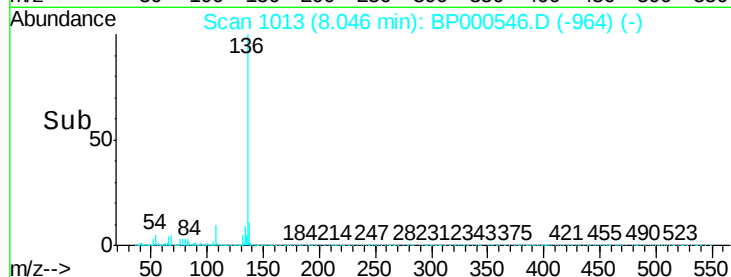
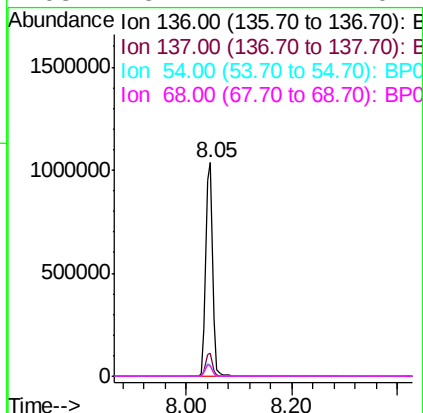
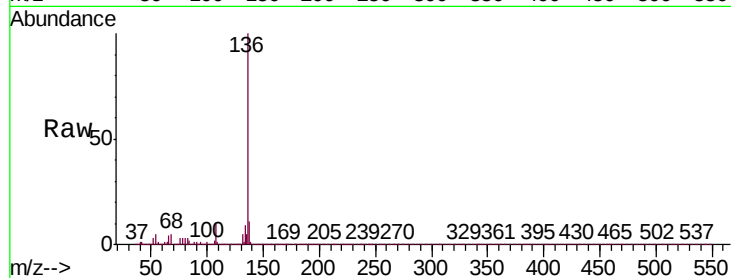




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BP000546.D
Acq: 07 Oct 2019 16:30

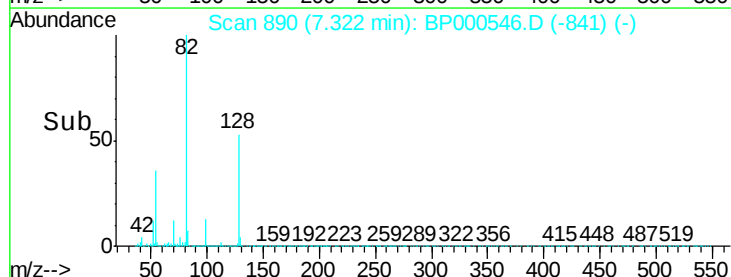
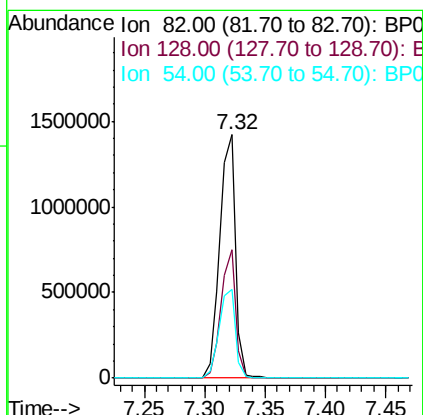
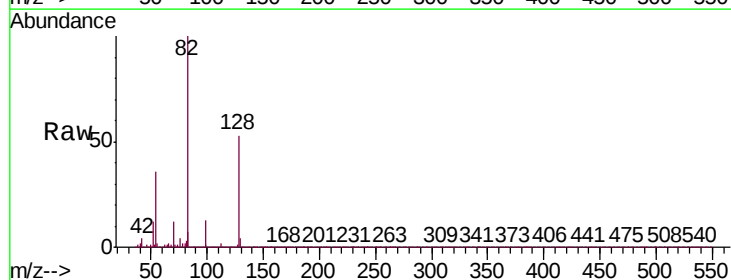
Instrument :
BNA_P
ClientSampleId :
20190768-SS-COMPOSITE-8

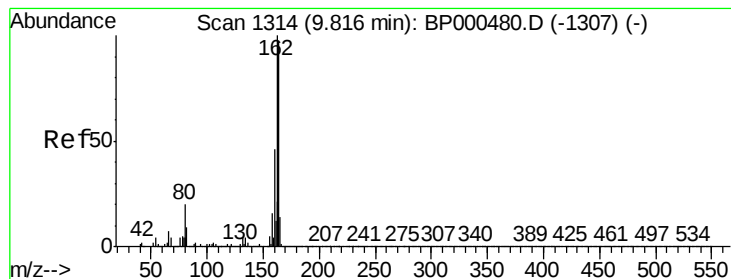
Tgt Ion:	136	Resp:	918251
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	5.2	4.1	6.1
68	5.1	4.1	6.1



#23
Nitrobenzene-d5
Concen: 84.207 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BP000546.D
Acq: 07 Oct 2019 16:30

Tgt Ion:	82	Resp:	1266032
Ion	Ratio	Lower	Upper
82	100		
128	52.8	40.9	61.3
54	36.2	29.4	44.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BP000546.D

Acq: 07 Oct 2019 16:30

Instrument :

BNA_P

ClientSampleId :

20190768-SS-COMPOSITE-8

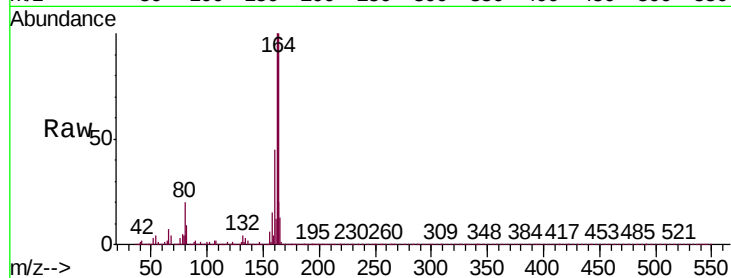
Tgt Ion:164 Resp: 512958

Ion Ratio Lower Upper

164 100

162 100.2 82.2 123.2

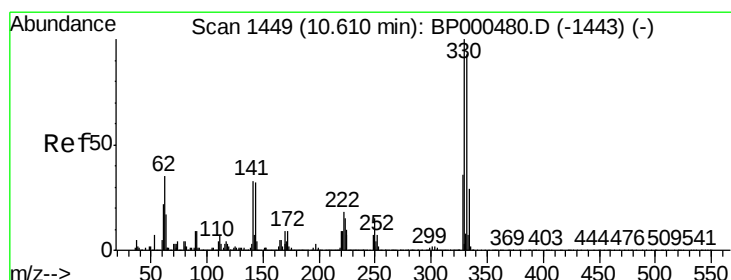
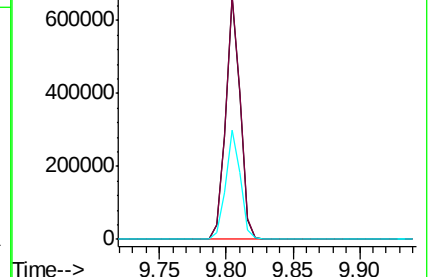
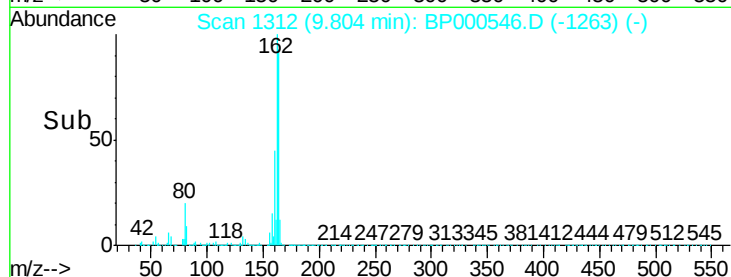
160 45.1 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 125.327 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BP000546.D

Acq: 07 Oct 2019 16:30

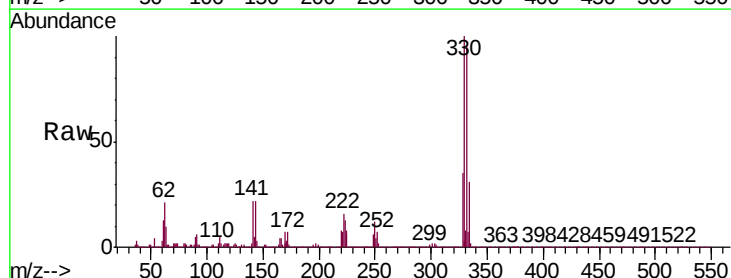
Tgt Ion:330 Resp: 685061

Ion Ratio Lower Upper

330 100

332 95.7 77.1 115.7

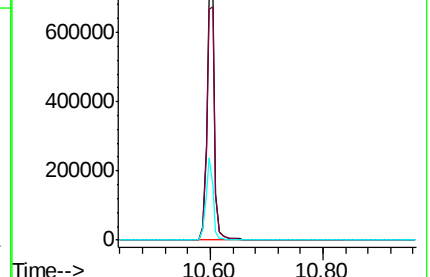
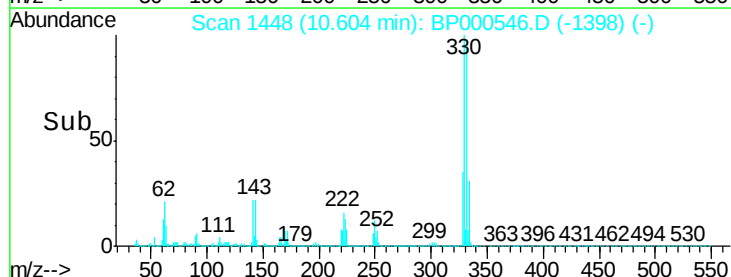
141 31.6 26.0 39.0

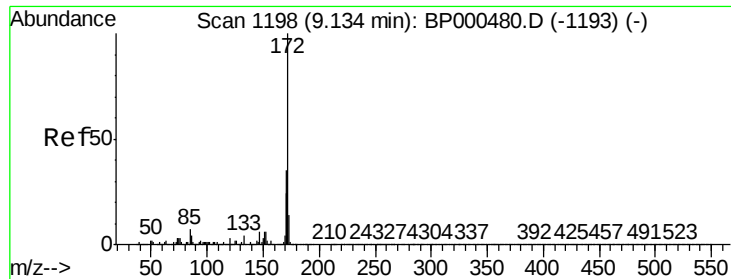


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

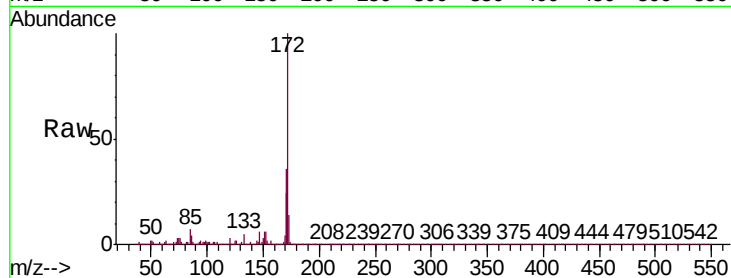




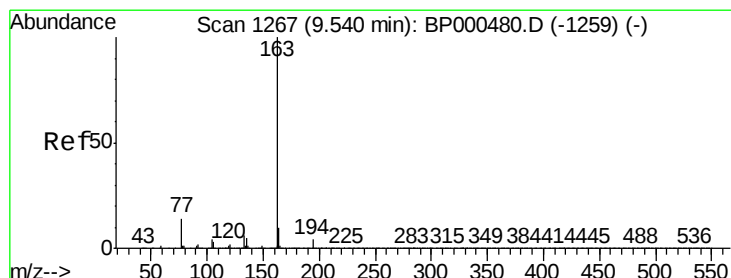
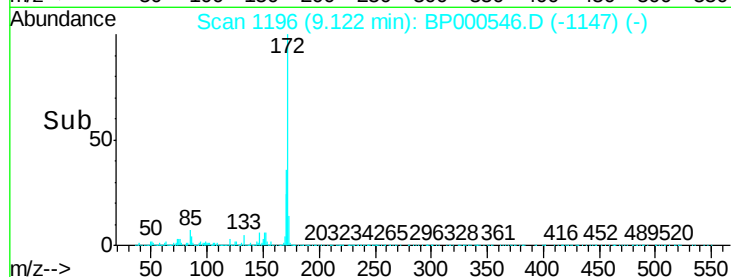
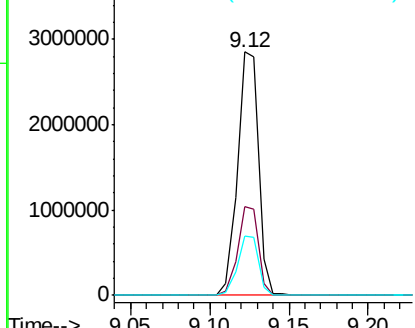
#45
2-Fluorobiphenyl
Concen: 82.777 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BP000546.D
Acq: 07 Oct 2019 16:30

Instrument :
BNA_P
ClientSampleId :
20190768-SS-COMPOSITE-8

Tgt Ion:172 Resp: 2624303
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 24.4 19.1 28.7

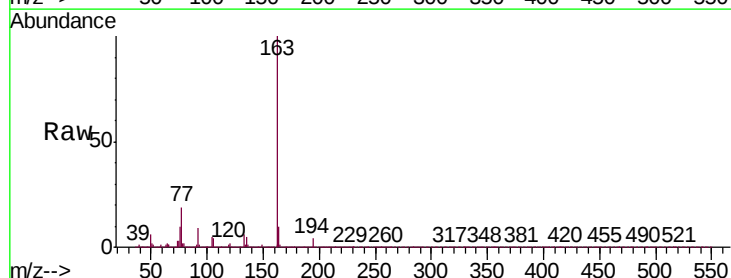


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

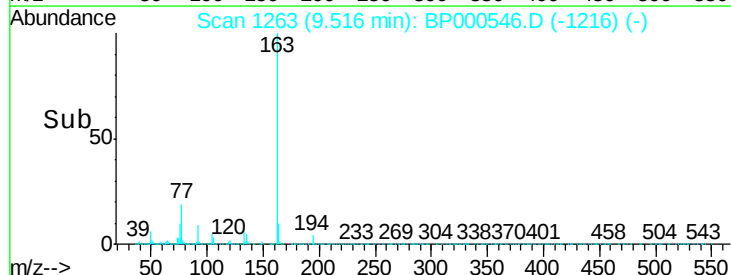
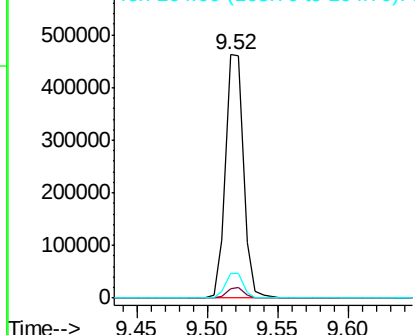


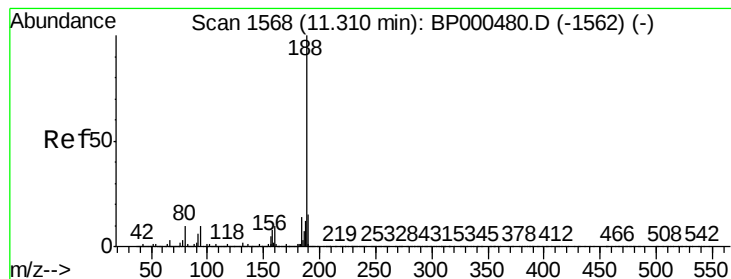
#50
Dimethylphthalate
Concen: 11.602 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BP000546.D
Acq: 07 Oct 2019 16:30

Tgt Ion:163 Resp: 413533
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.4 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BP000546.D

Acq: 07 Oct 2019 16:30

Instrument :

BNA_P

ClientSampleId :

20190768-SS-COMPOSITE-8

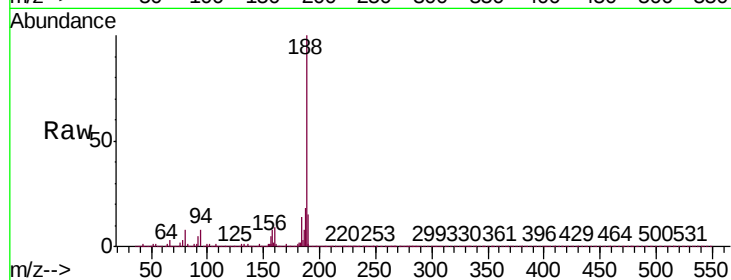
Tgt Ion:188 Resp: 955147

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

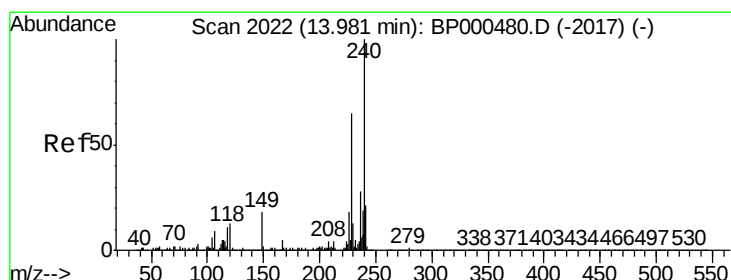
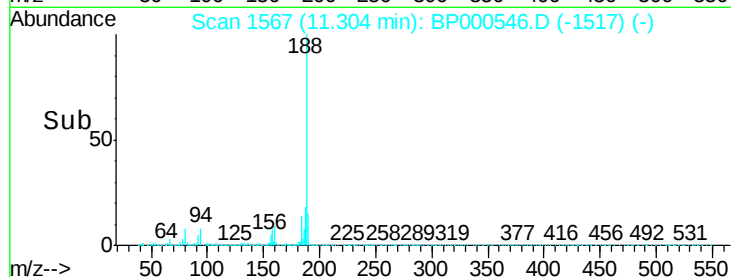
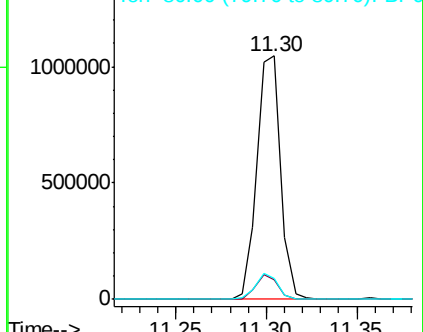
80 8.3 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BP000546.D

Acq: 07 Oct 2019 16:30

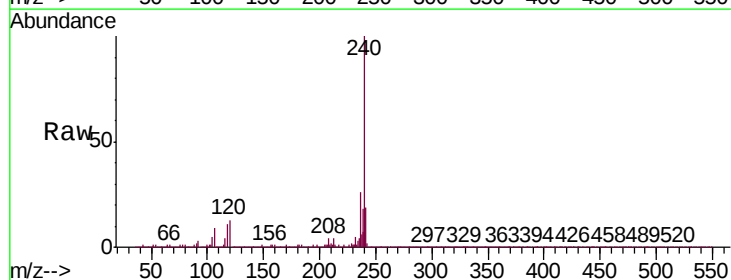
Tgt Ion:240 Resp: 862229

Ion Ratio Lower Upper

240 100

120 12.8 10.1 15.1

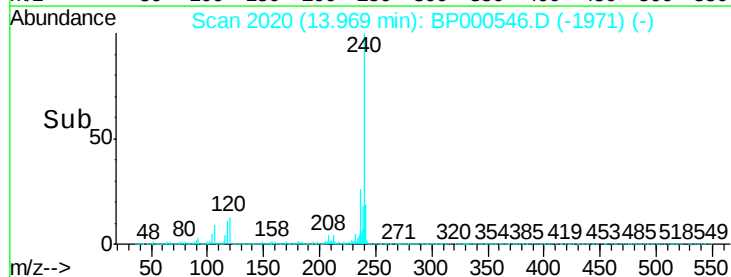
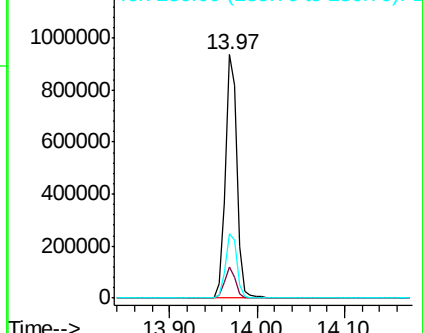
236 26.4 22.7 34.1

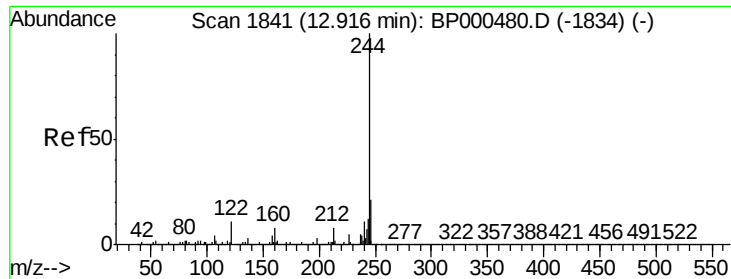


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

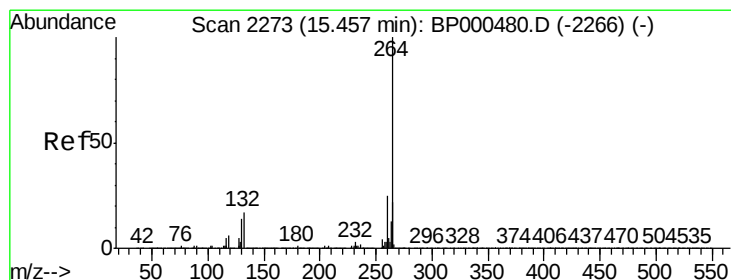
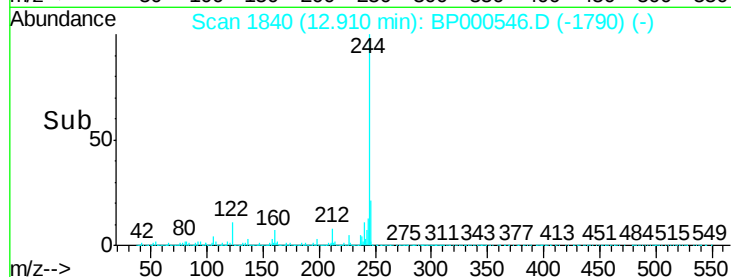
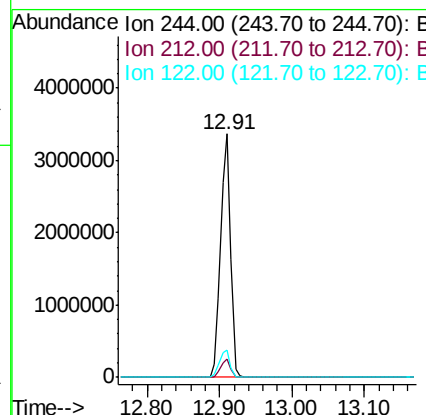
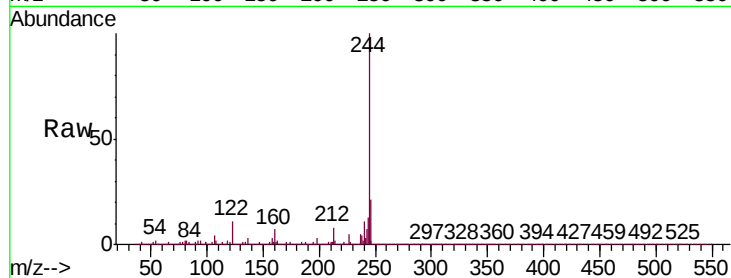




#79
 Terphenyl-d14
 Concen: 76.031 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BP000546.D
 Acq: 07 Oct 2019 16:30

Instrument :
 BNA_P
 ClientSampleId :
 20190768-SS-COMPOSITE-8

Tgt Ion:244 Resp: 3237766
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 11.5 8.9 13.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BP000546.D
 Acq: 07 Oct 2019 16:30

Tgt Ion:264 Resp: 962955
 Ion Ratio Lower Upper
 264 100
 260 23.5 20.3 30.5
 265 21.3 18.0 27.0

