

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
 Data File : BP000531.D
 Acq On : 05 Oct 2019 00:49
 Operator : JU
 Sample : K5156-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 05 06:03:22 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

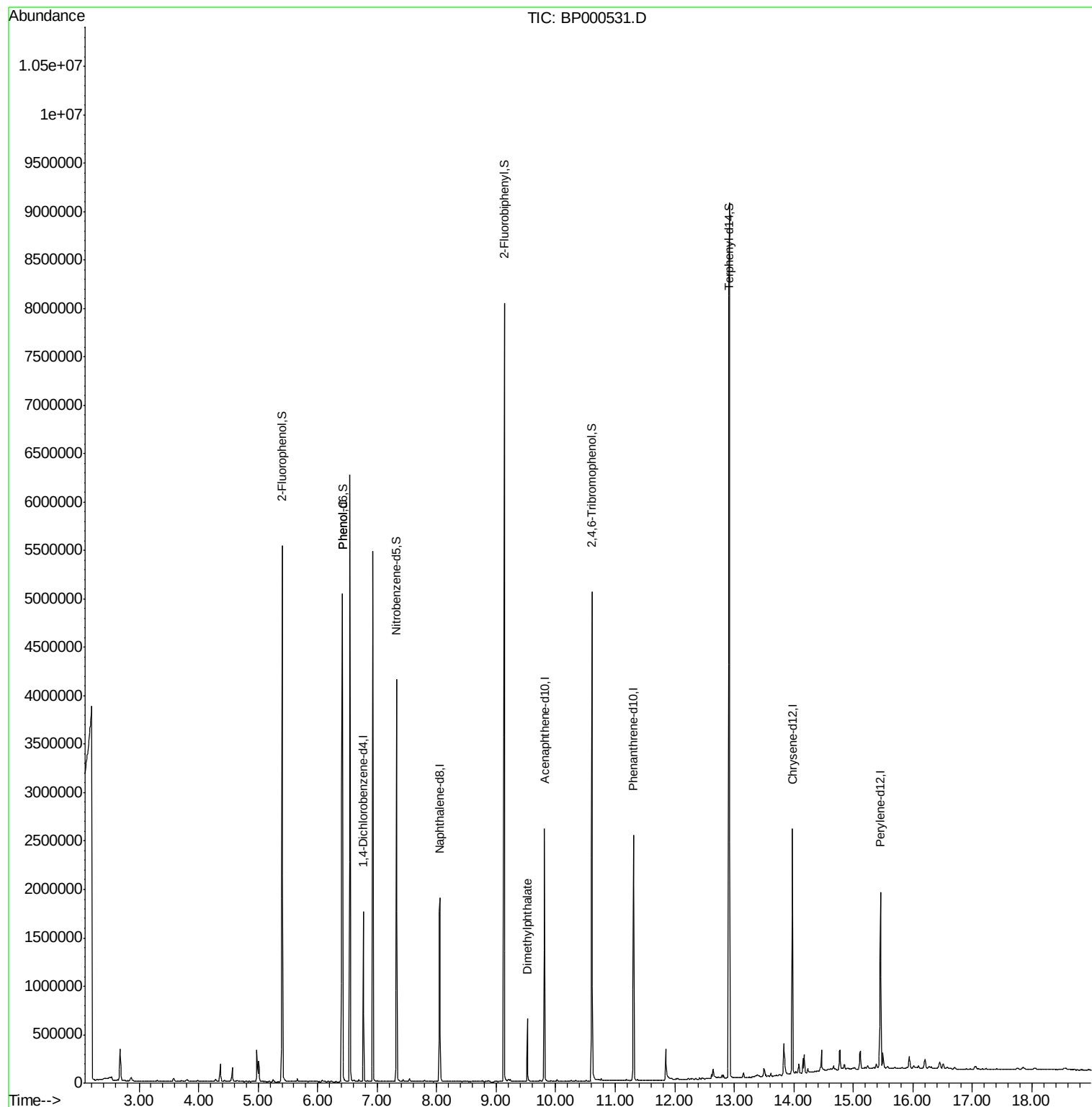
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	245746	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	872418	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	479293	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	889795	20.00	ng	0.00
76) Chrysene-d12	13.97	240	791337	20.00	ng	0.00
87) Perylene-d12	15.46	264	868323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1804211	118.01	ng	0.01
7) Phenol-d6	6.42	99	2218855	120.44	ng	0.00
23) Nitrobenzene-d5	7.33	82	1256881	87.99	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	715624	140.11	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2708436	91.43	ng	0.00
79) Terphenyl-d14	12.92	244	3315896	84.84	ng	0.00
Target Compounds						
10) Phenol	6.42	94	73858	3.916	ng	99
50) Dimethylphthalate	9.52	163	244779	7.350	ng	99

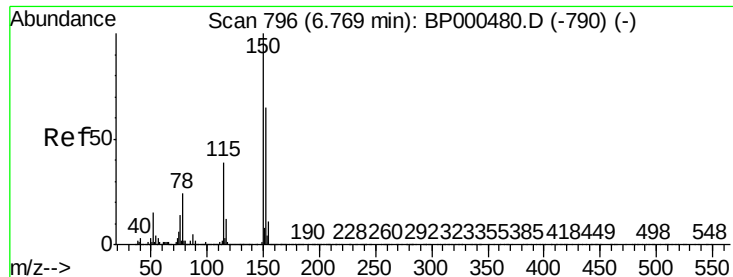
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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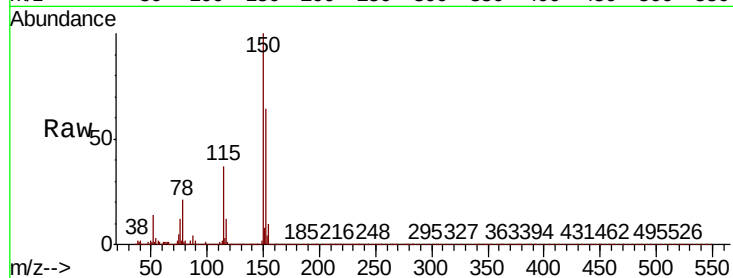


#1

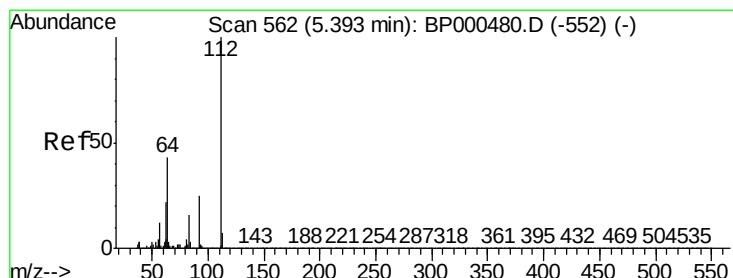
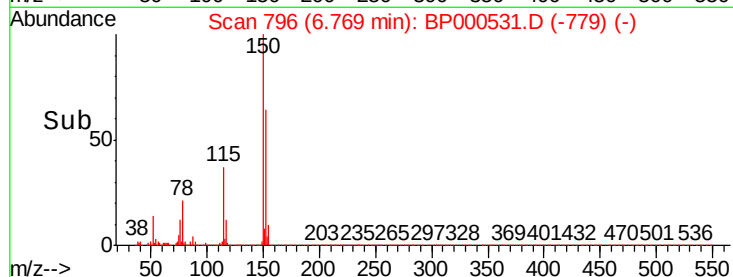
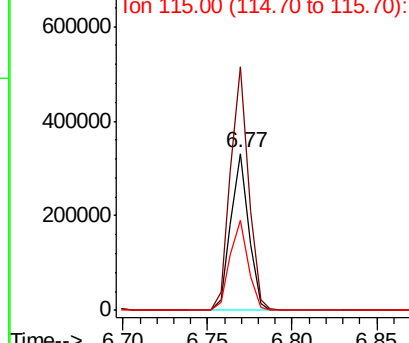
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BP000531.D
Acq: 05 Oct 2019 00:49

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 245746
Ion Ratio Lower Upper
152 100
150 155.3 124.1 186.1
115 57.3 48.7 73.1



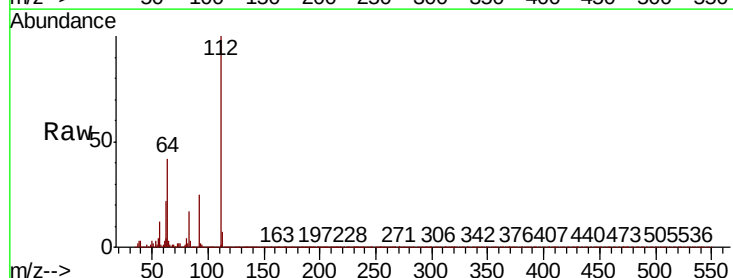
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



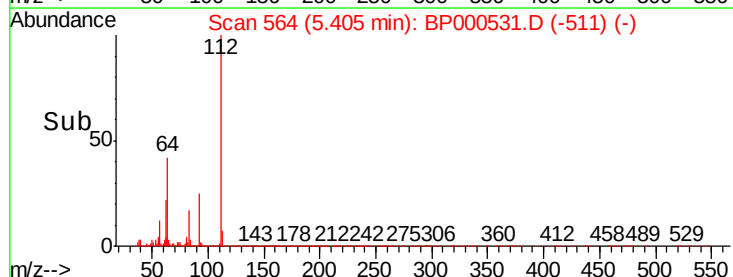
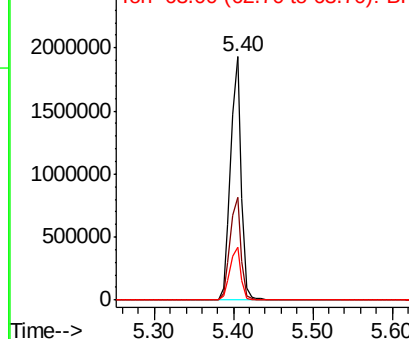
#5

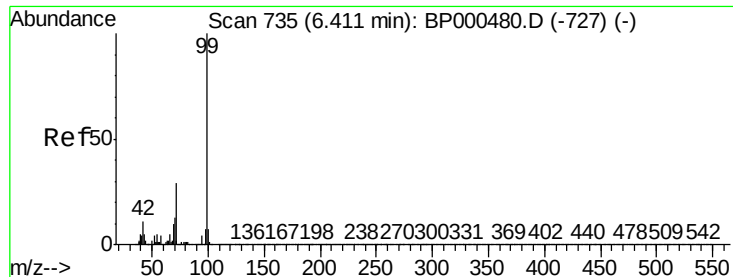
2-Fluorophenol
Concen: 118.015 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BP000531.D
Acq: 05 Oct 2019 00:49

Tgt Ion:112 Resp: 1804211
Ion Ratio Lower Upper
112 100
64 42.2 34.2 51.4
63 21.6 17.9 26.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 120.441 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BP000531.D

Acq: 05 Oct 2019 00:49

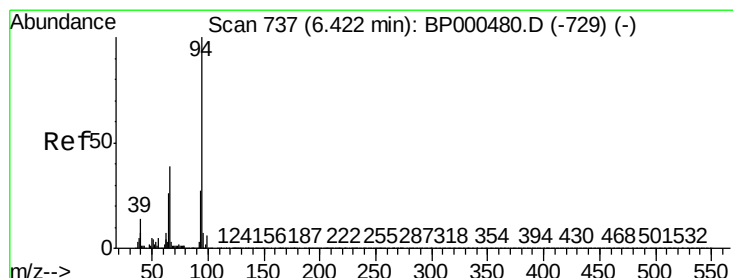
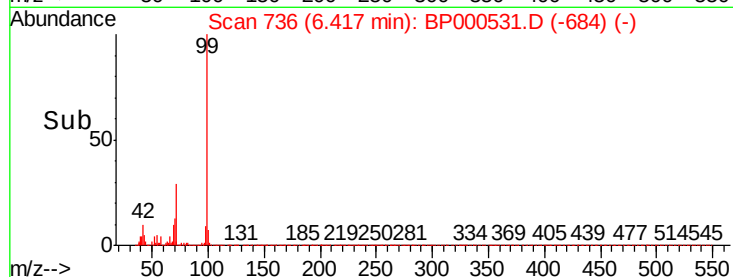
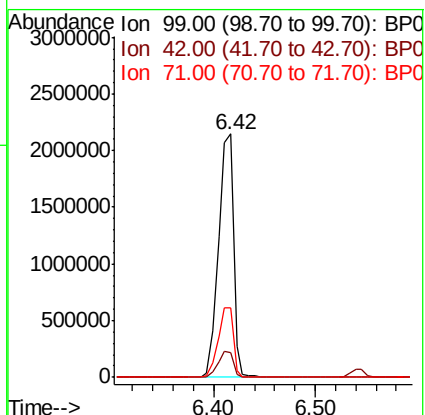
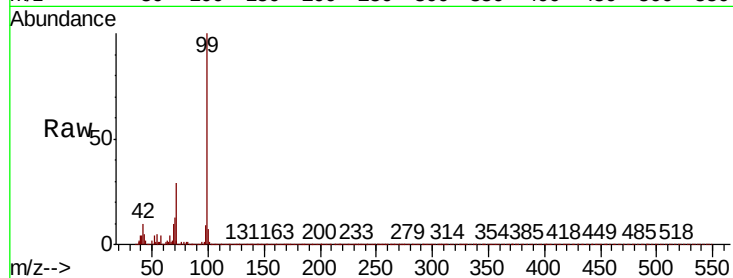
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 2218855

Ion	Ratio	Lower	Upper
99	100		
42	10.2	8.6	12.8
71	28.5	23.0	34.4



#10

Phenol

Concen: 3.916 ng

RT: 6.42 min Scan# 737

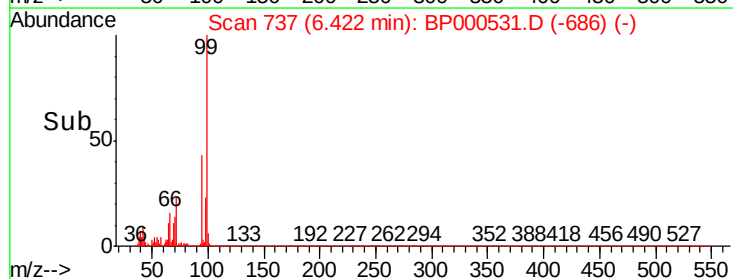
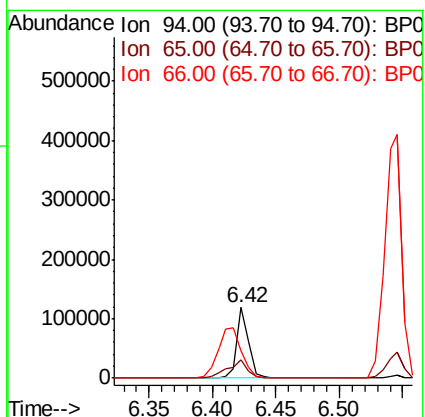
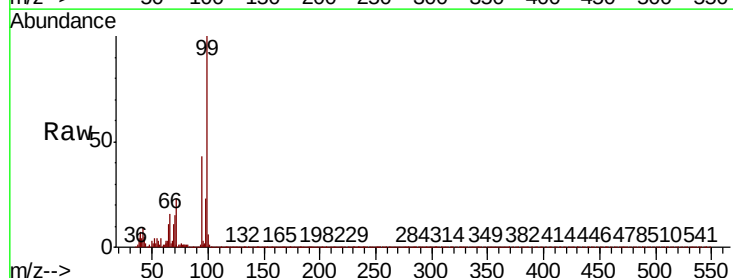
Delta R.T. 0.00 min

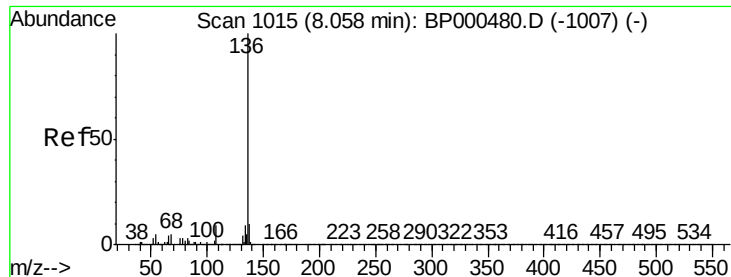
Lab File: BP000531.D

Acq: 05 Oct 2019 00:49

Tgt Ion: 94 Resp: 73858

Ion	Ratio	Lower	Upper
94	100		
65	25.2	5.9	45.9
66	38.4	18.8	58.8

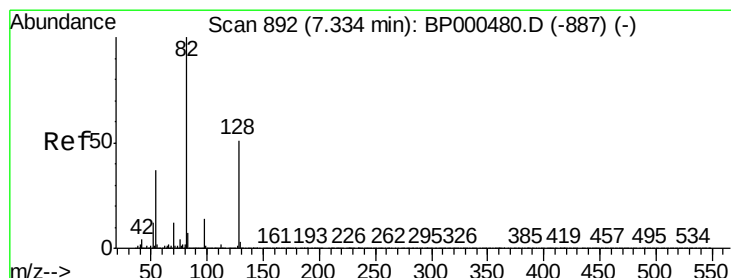
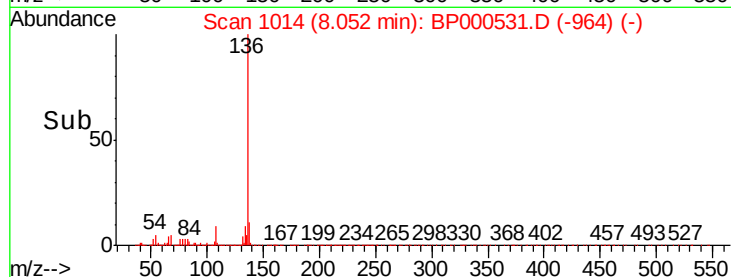
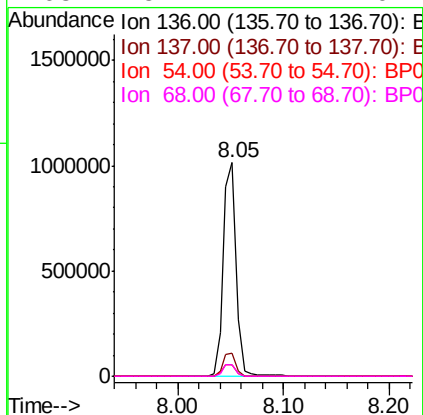
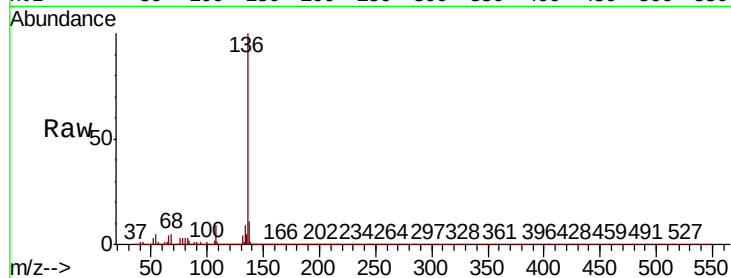




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000531.D
Acq: 05 Oct 2019 00:49

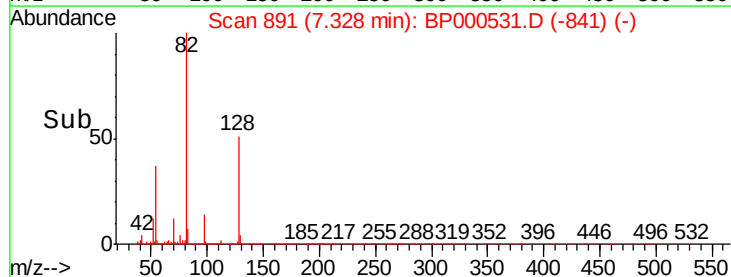
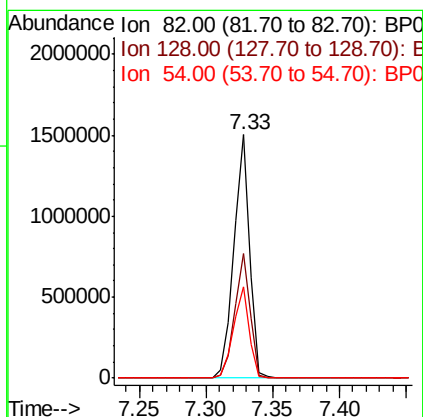
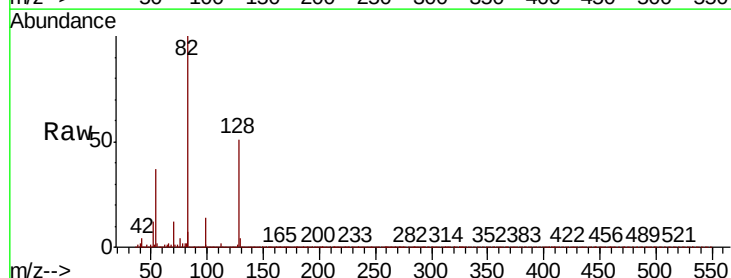
Instrument :
BNA_P
ClientSampleId :

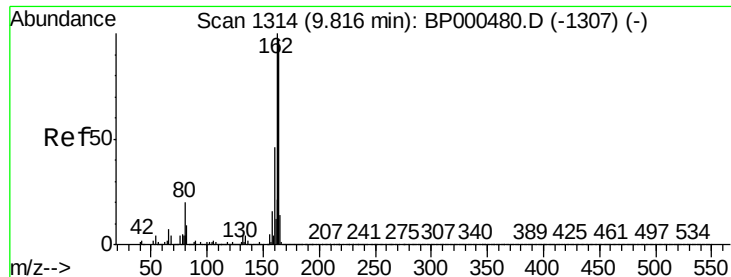
Tot Ion:136	Resp:	872418	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.2	12.4	
54 5.2	4.1	6.1	
68 5.1	4.1	6.1	



#23
Nitrobenzene-d5
Concen: 87.990 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP000531.D
Acq: 05 Oct 2019 00:49

Tgt Ion: 82	Resp: 1256881
Ion Ratio	Lower Upper
82 100	
128 51.3	40.9 61.3
54 37.5	29.4 44.2

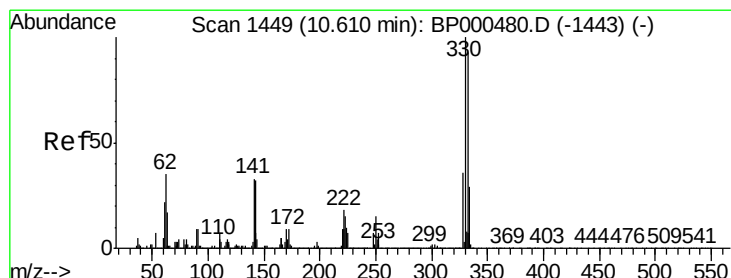
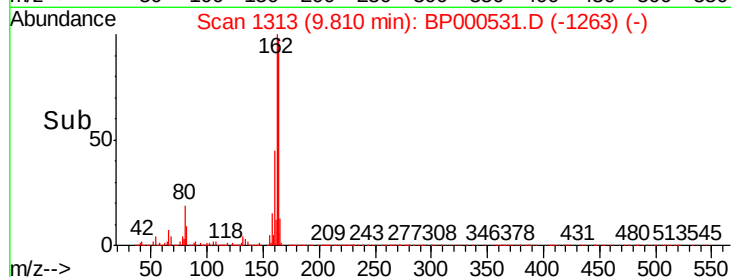
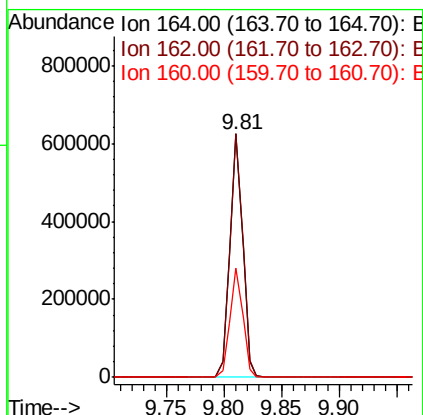
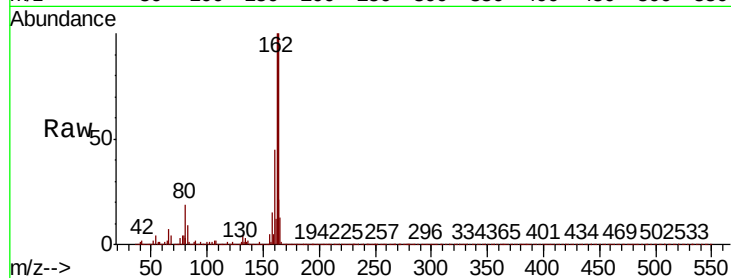




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BP000531.D
Acq: 05 Oct 2019 00:49

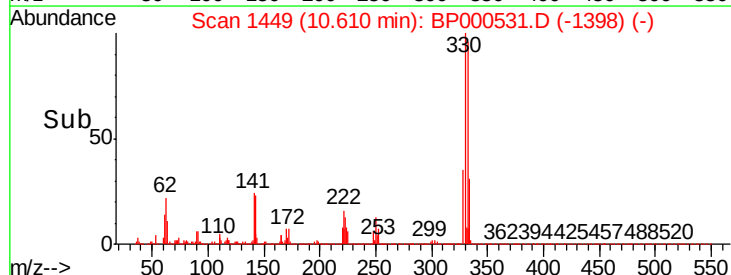
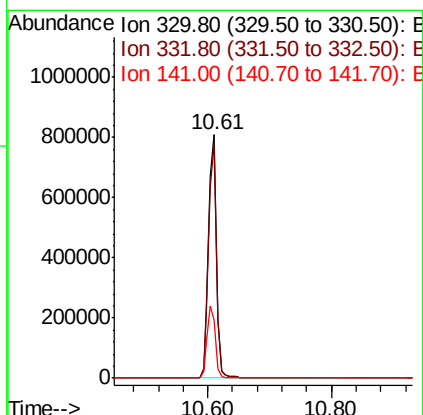
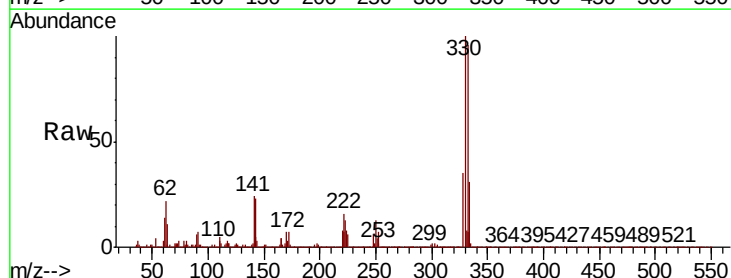
Instrument :
BNA_P
ClientSampleId :

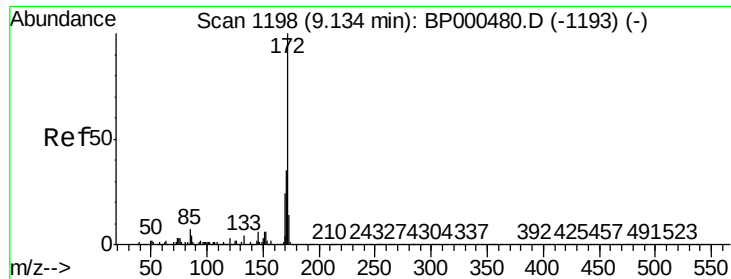
Tot Ion:164 Resp: 479293
Ion Ratio Lower Upper
164 100
162 100.2 82.2 123.2
160 44.7 37.6 56.4



#42
2,4,6-Tribromophenol
Concen: 140.114 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BP000531.D
Acq: 05 Oct 2019 00:49

Tgt Ion:330 Resp: 715624
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 31.0 26.0 39.0

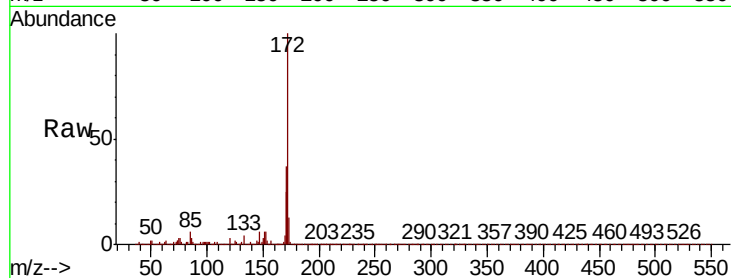




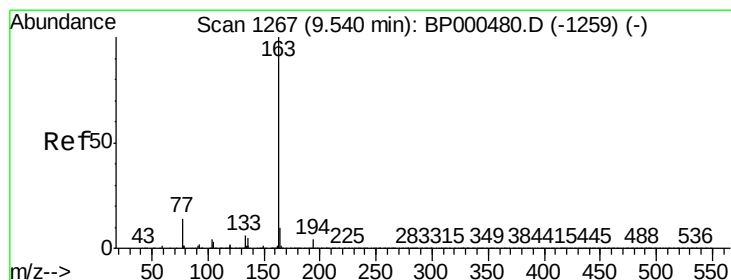
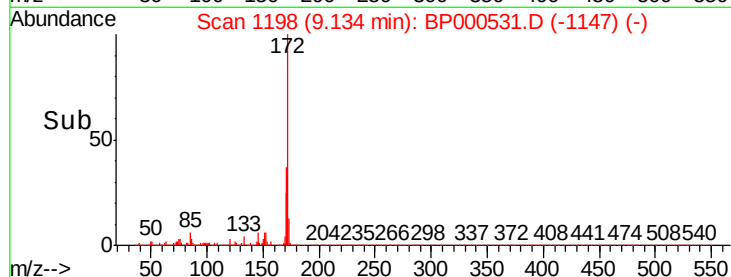
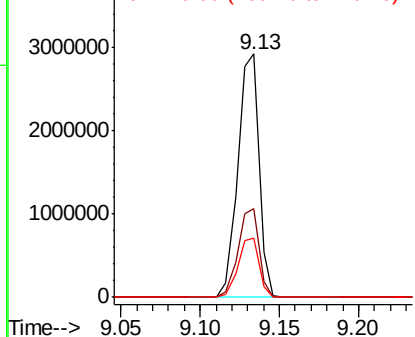
#45
2-Fluorobiphenyl
Concen: 91.431 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BP000531.D
Acq: 05 Oct 2019 00:49

Instrument :
BNA_P
ClientSampleId :

Tot Ion:172 Resp: 2708436
Ion Ratio Lower Upper
172 100
171 36.7 28.4 42.6
170 24.6 19.1 28.7

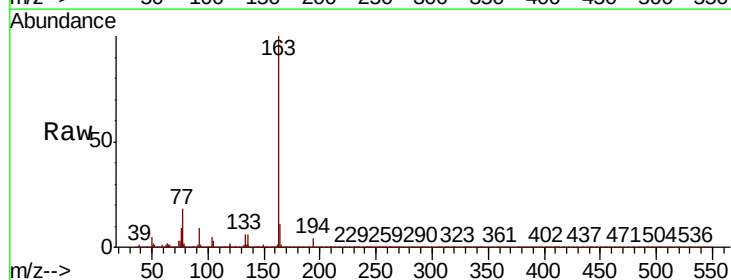


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

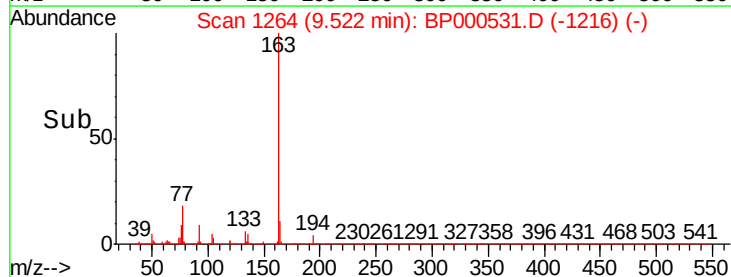
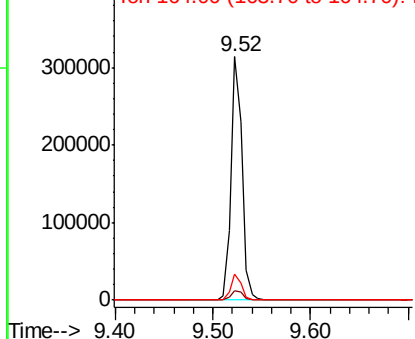


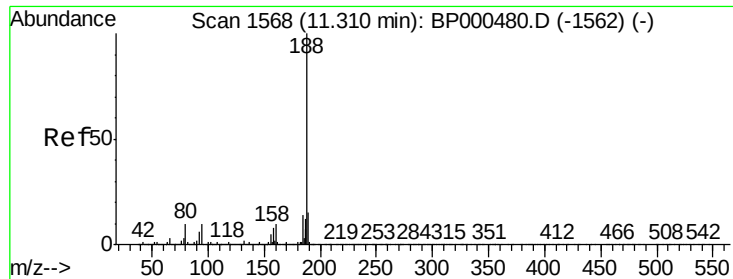
#50
Dimethylphthalate
Concen: 7.350 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BP000531.D
Acq: 05 Oct 2019 00:49

Tgt Ion:163 Resp: 244779
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.6 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: BP000531.D

Acq: 05 Oct 2019 00:49

Instrument :

BNA_P

ClientSampleId :

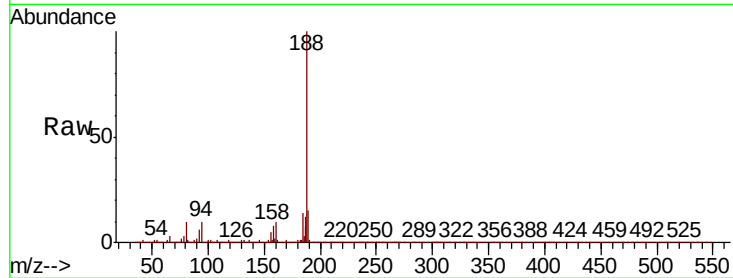
Tot Ion:188 Resp: 889795

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

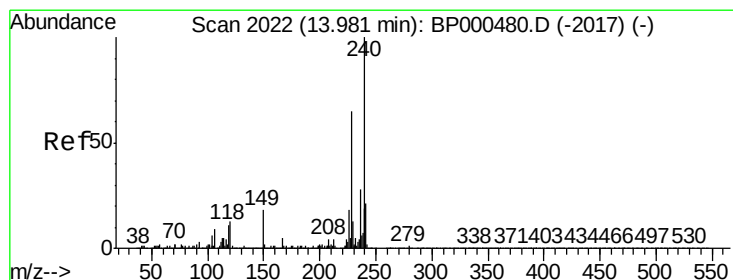
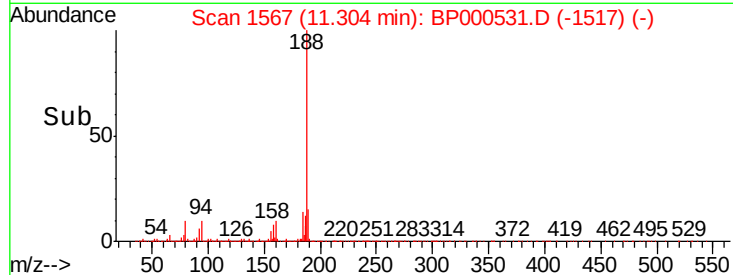
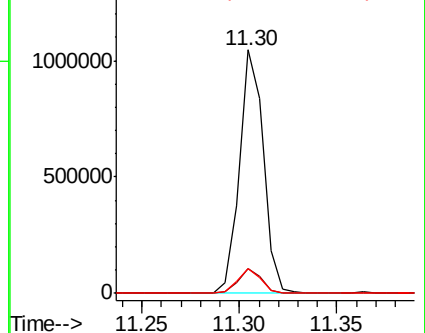
80 10.4 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BP000531.D

Acq: 05 Oct 2019 00:49

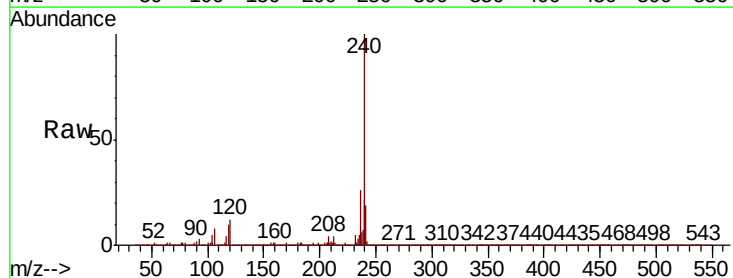
Tgt Ion:240 Resp: 791337

Ion Ratio Lower Upper

240 100

120 12.0 10.1 15.1

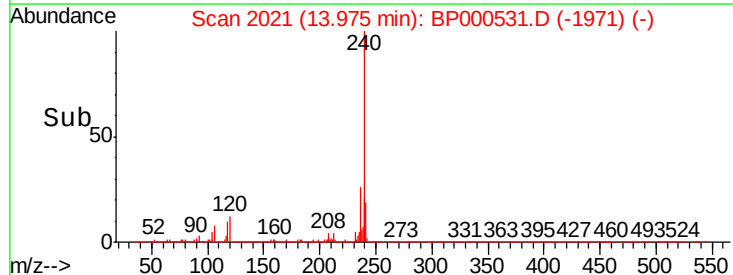
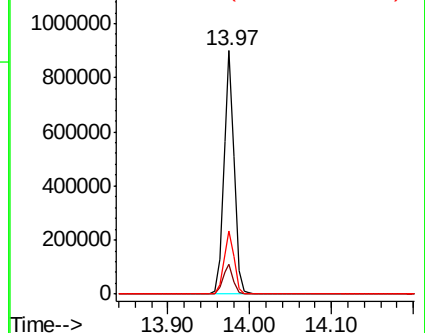
236 26.1 22.7 34.1

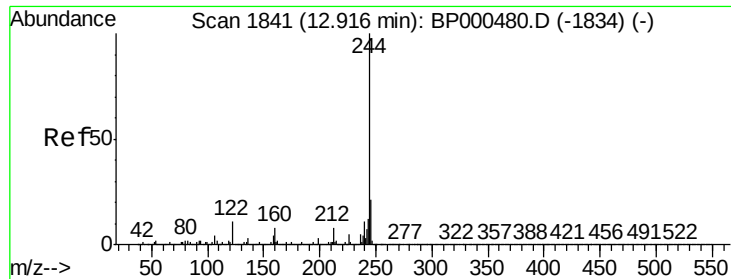


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



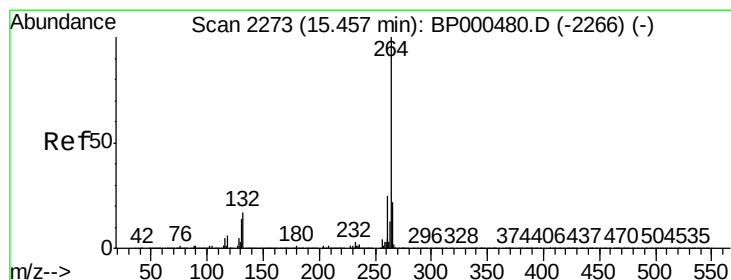
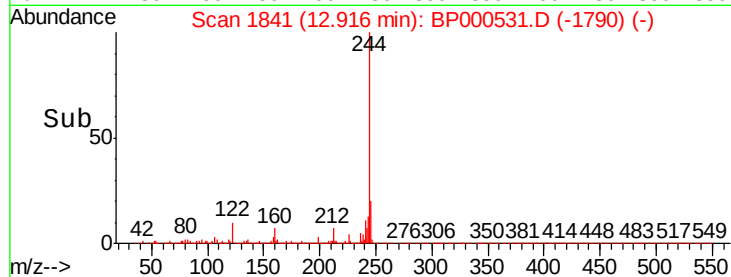
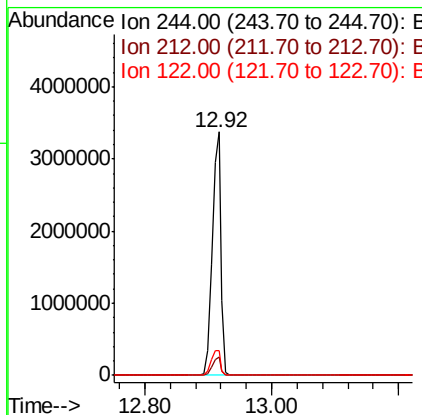
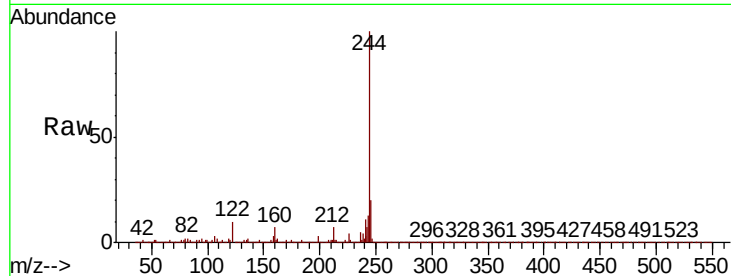


#79
 Terphenyl-d14
 Concen: 84.841 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BP000531.D
 Acq: 05 Oct 2019 00:49

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:244 Resp: 3315896

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.2	8.9	13.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BP000531.D
 Acq: 05 Oct 2019 00:49

Tgt Ion:264 Resp: 868323

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.3	30.5
265	21.4	18.0	27.0

