

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
 Data File : BP000533.D
 Acq On : 05 Oct 2019 01:37
 Operator : JU
 Sample : K5160-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 05 06:01:22 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

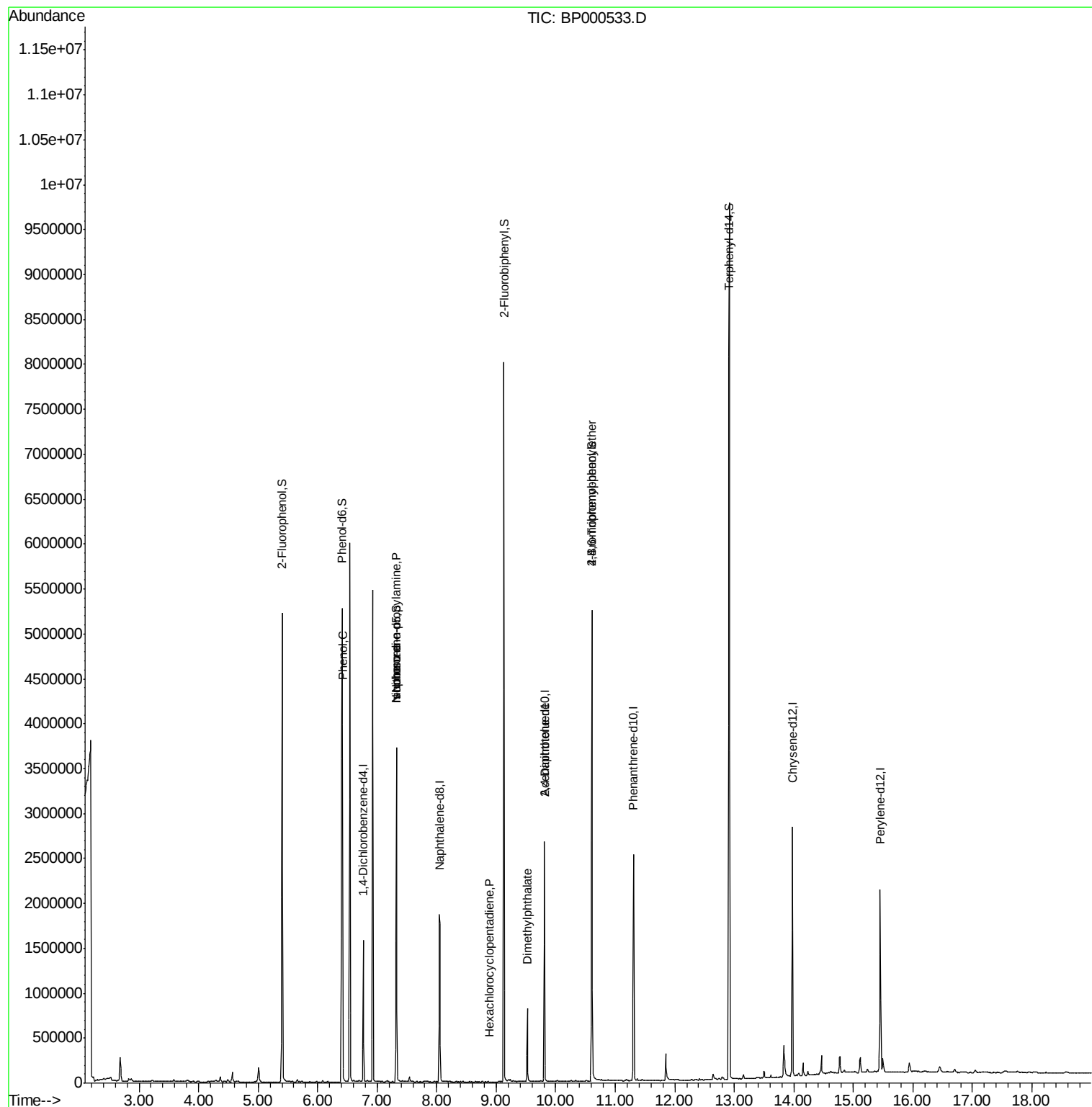
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	251998	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	897648	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	504935	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	946064	20.00	ng	0.00
76) Chrysene-d12	13.97	240	849999	20.00	ng	0.00
87) Perylene-d12	15.45	264	924188	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1828811	116.66	ng	0.01
7) Phenol-d6	6.41	99	2272376	120.29	ng	0.00
23) Nitrobenzene-d5	7.33	82	1251112	85.12	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	752390	139.83	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2793979	89.53	ng	0.00
79) Terphenyl-d14	12.92	244	3510425	83.62	ng	0.00
Target Compounds						
10) Phenol	6.42	94	92200	4.767	ng	91
19) n-Nitroso-di-n-propylamine	7.33	70	153644	17.645	ng	# 73
25) Isophorone	7.33	82	1251112	47.963	ng	# 61
41) Hexachlorocyclopentadiene	8.90	237	28	7.301	ng	86
50) Dimethylphthalate	9.52	163	326015	9.292	ng	99
57) 2,4-Dinitrotoluene	9.81	165	65738	6.480	ng	# 31
67) 4-Bromophenyl-phenylether	10.60	248	50806	4.771	ng	# 1

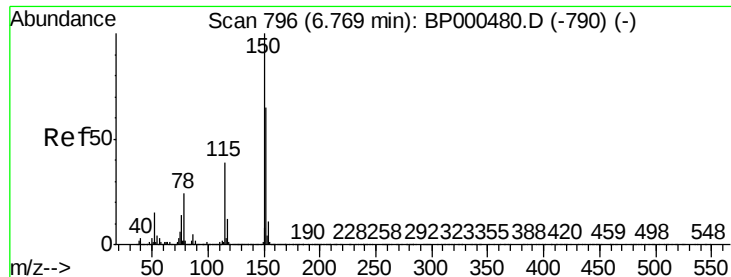
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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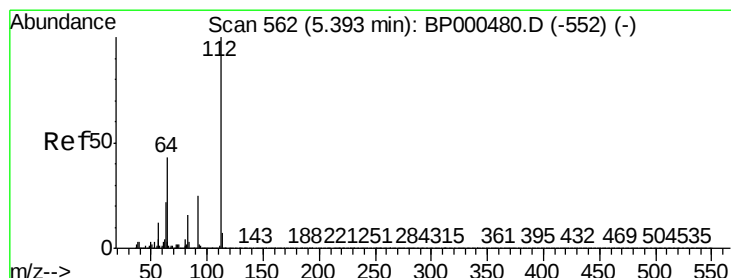
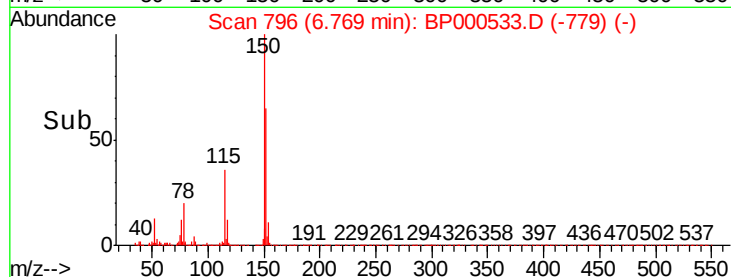
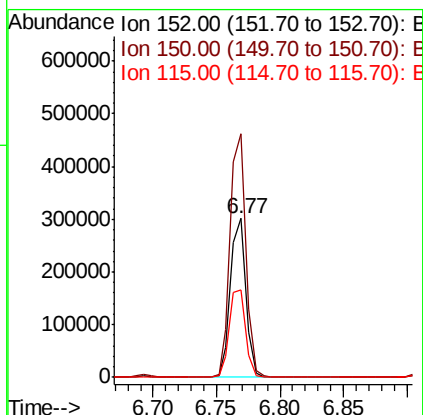
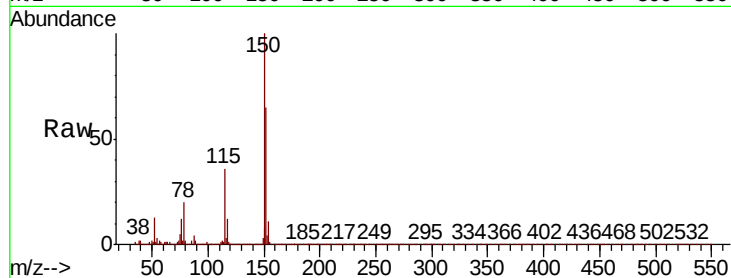


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BP000533.D
Acq: 05 Oct 2019 01:37

Instrument :
BNA_P
ClientSampled :

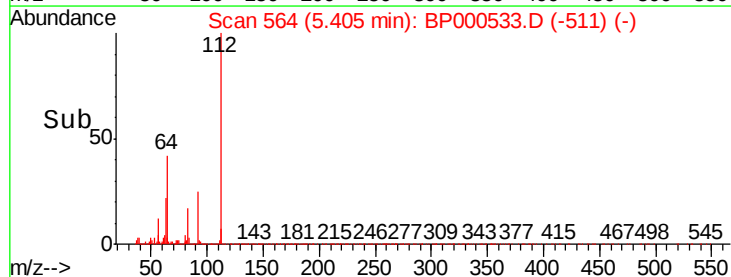
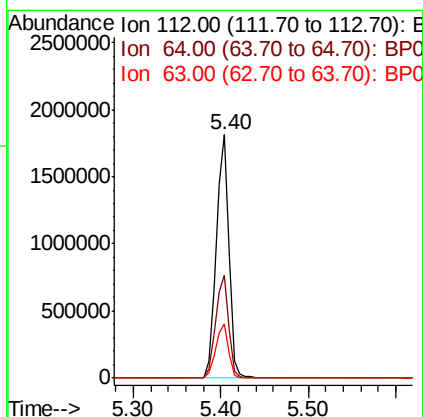
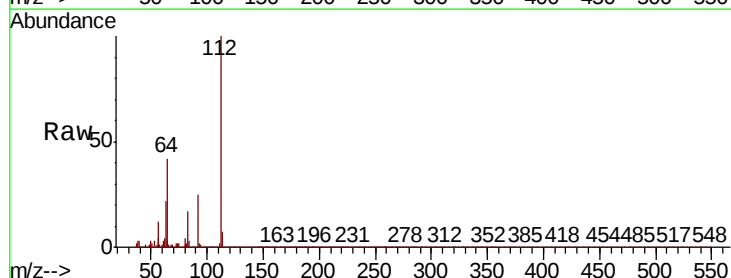
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.1	186.1
115	55.5	48.7	73.1

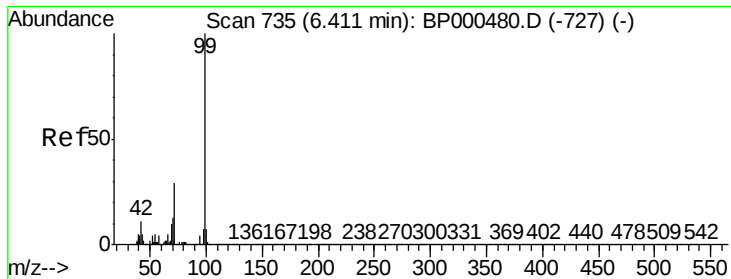


#5

2-Fluorophenol
Concen: 116.656 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BP000533.D
Acq: 05 Oct 2019 01:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.4	34.2	51.4
63	22.2	17.9	26.9





#7

Phenol-d6

Concen: 120.286 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BP000533.D

Acq: 05 Oct 2019 01:37

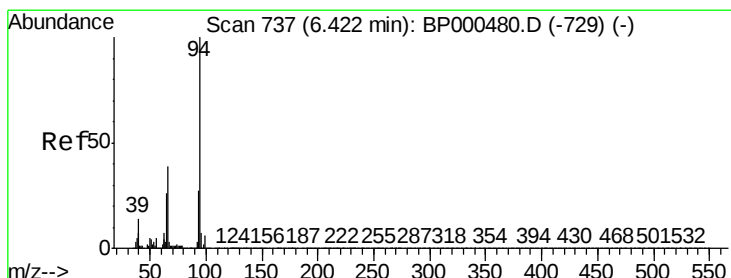
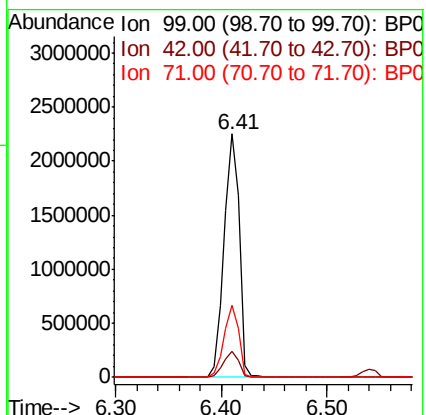
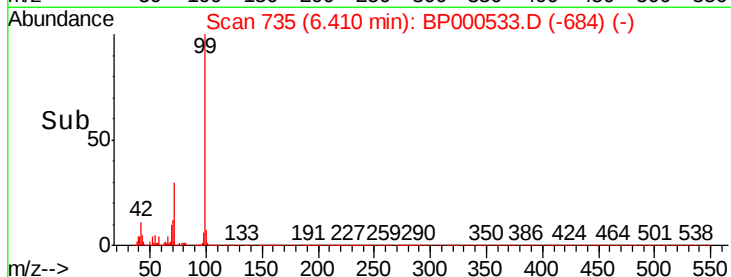
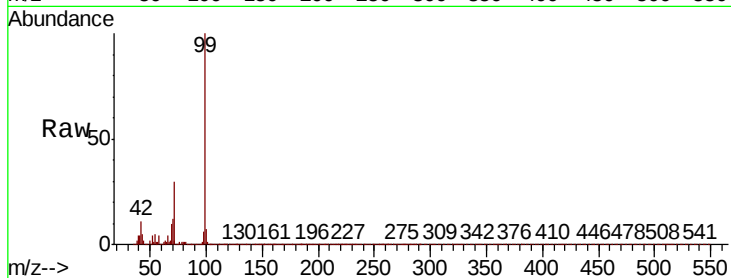
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 2272376

Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.6	12.8
71	29.8	23.0	34.4



#10

Phenol

Concen: 4.767 ng

RT: 6.42 min Scan# 737

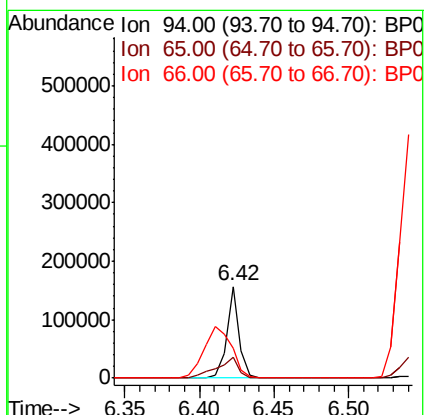
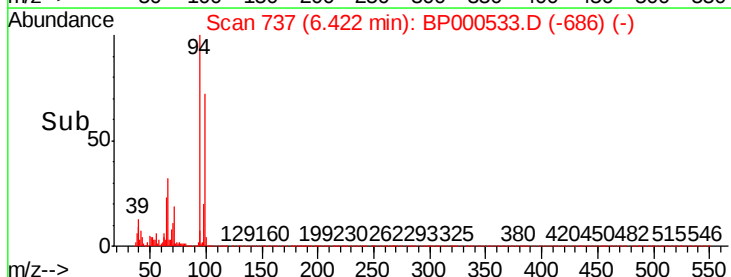
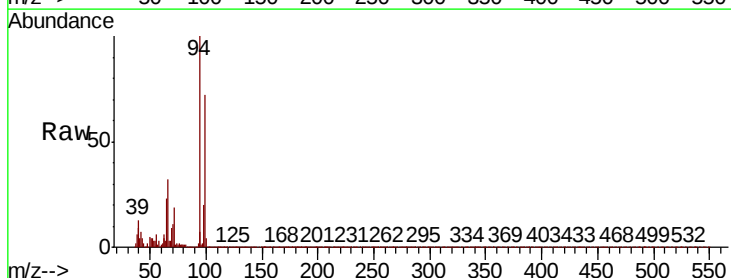
Delta R.T. -0.00 min

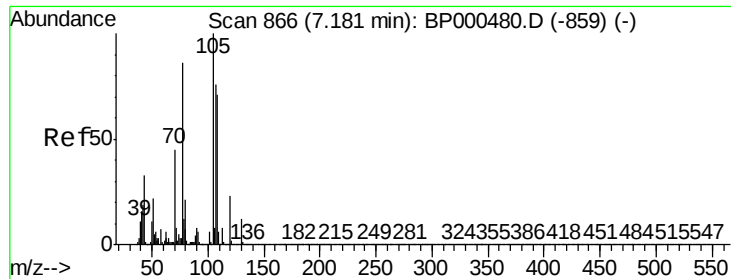
Lab File: BP000533.D

Acq: 05 Oct 2019 01:37

Tgt Ion: 94 Resp: 92200

Ion	Ratio	Lower	Upper
94	100		
65	23.0	5.9	45.9
66	32.3	18.8	58.8

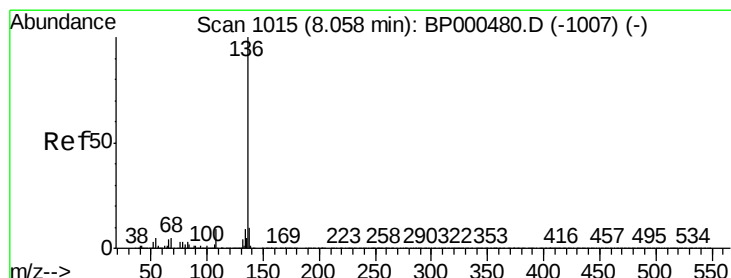
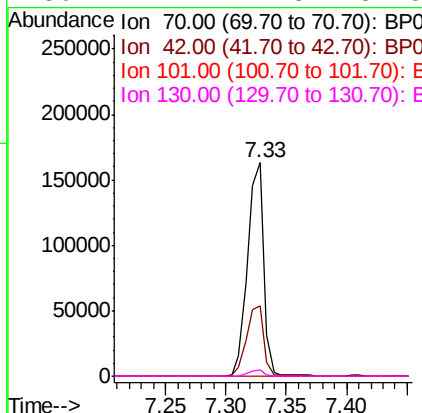
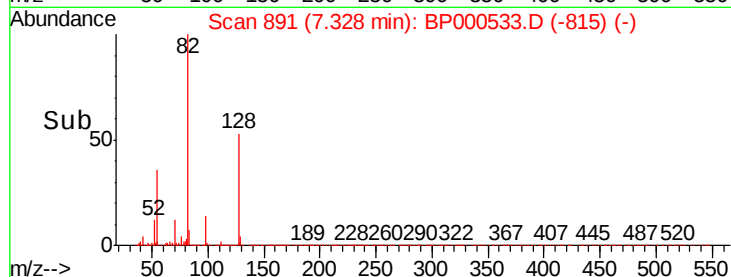
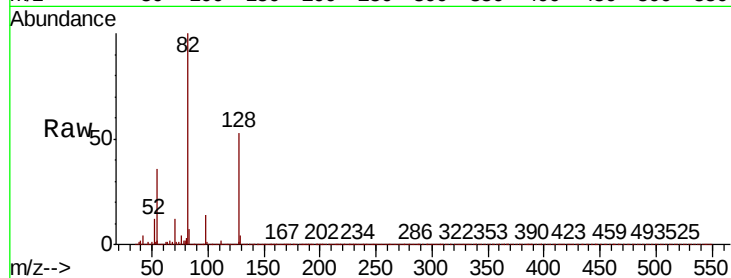




#19
n-Nitroso-di-n-propylamine
Concen: 17.645 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.15 min
Lab File: BP000533.D
Acq: 05 Oct 2019 01:37

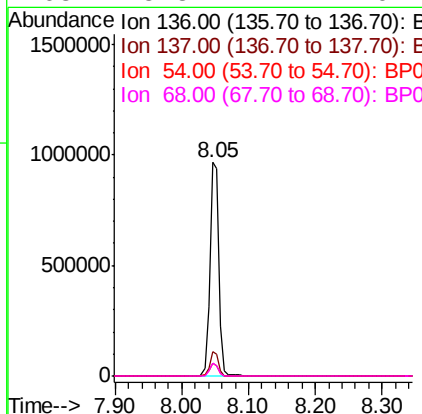
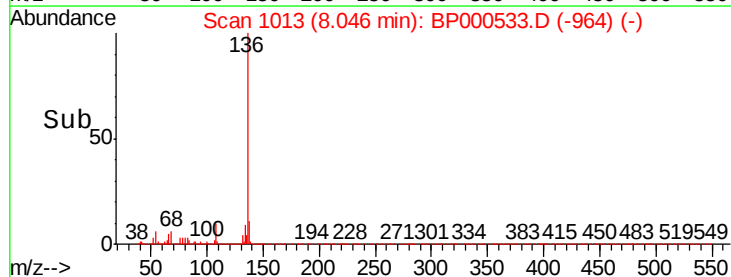
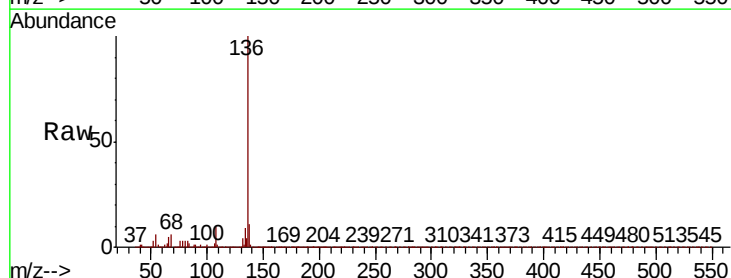
Instrument :
BNA_P
ClientSampled :

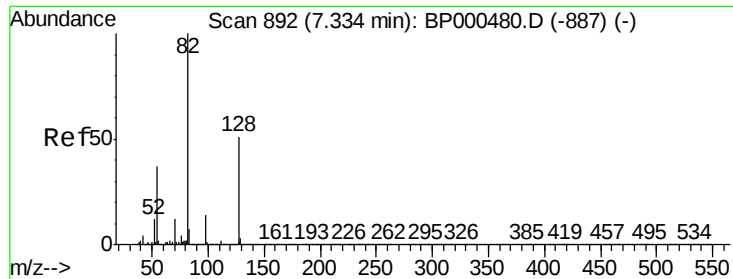
Tot Ion	Ratio	Lower	Upper
70	100		
42	33.2	33.2	49.8#
101	0.0	9.9	14.9#
130	2.7	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BP000533.D
Acq: 05 Oct 2019 01:37

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	6.1	4.1	6.1
68	5.8	4.1	6.1

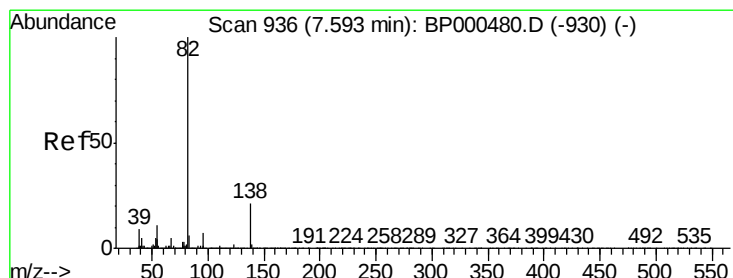
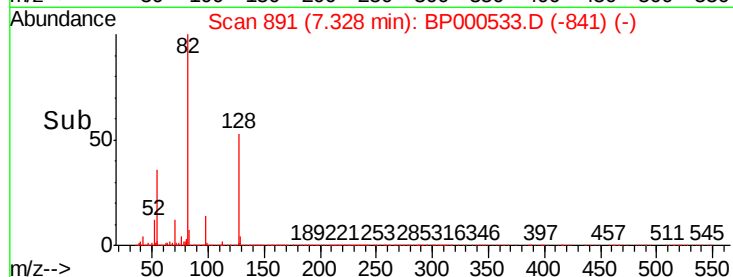
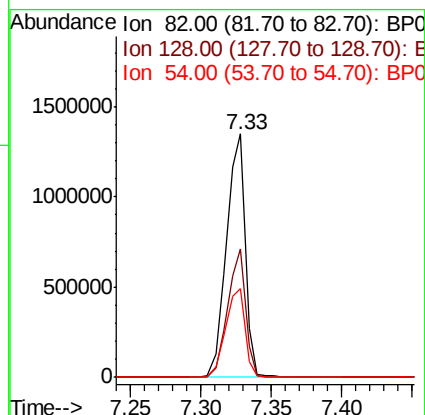
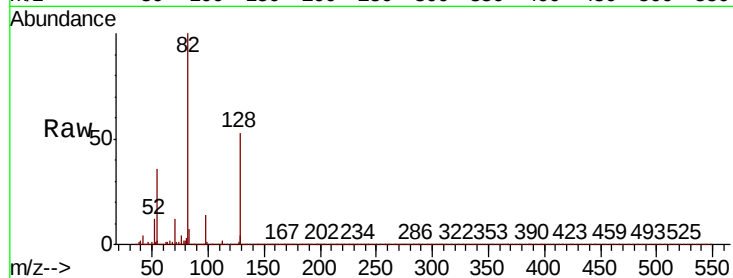




#23
Nitrobenzene-d5
Concen: 85.125 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP000533.D
Acq: 05 Oct 2019 01:37

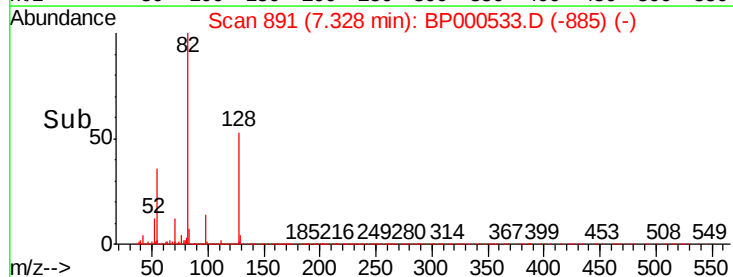
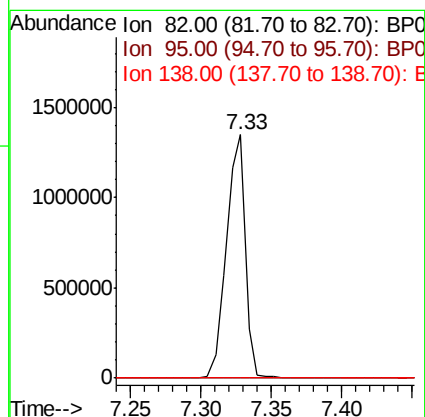
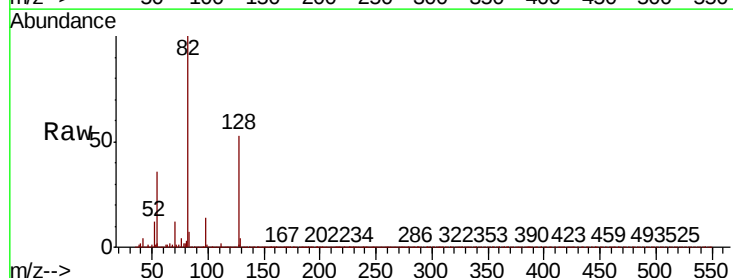
Instrument :
BNA_P
ClientSampleId :

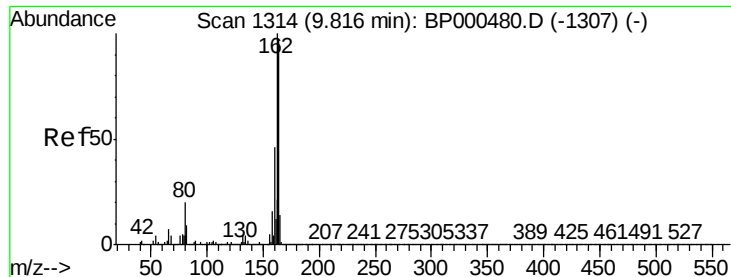
Tot Ion: 82 Resp: 1251112
Ion Ratio Lower Upper
82 100
128 52.7 40.9 61.3
54 36.4 29.4 44.2



#25
Isophorone
Concen: 47.963 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.26 min
Lab File: BP000533.D
Acq: 05 Oct 2019 01:37

Tgt Ion: 82 Resp: 1251112
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 17.0 25.4#

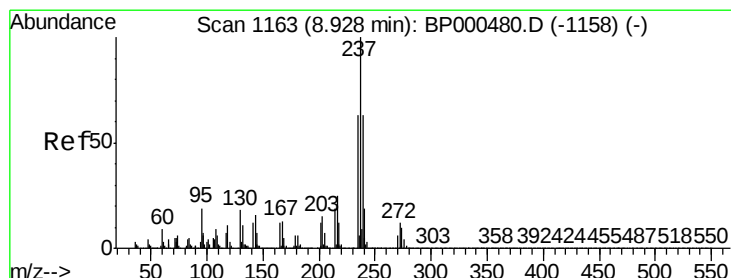
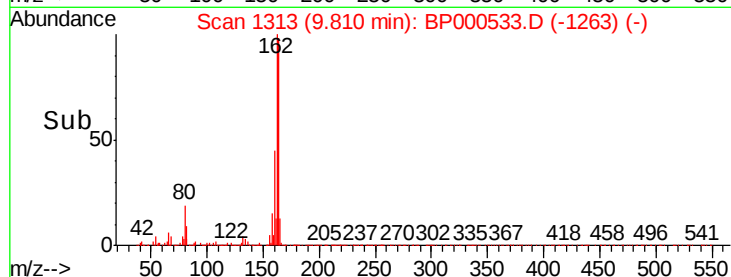
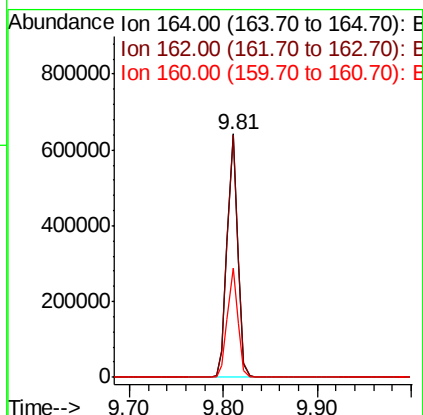
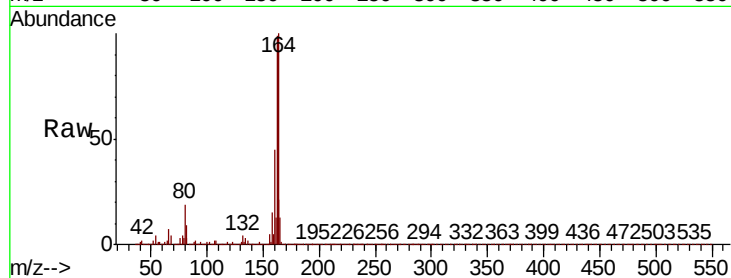




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BP000533.D
Acq: 05 Oct 2019 01:37

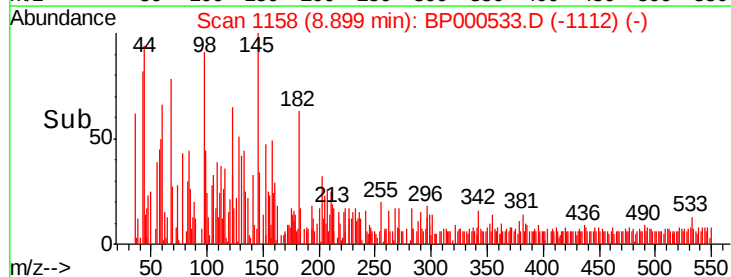
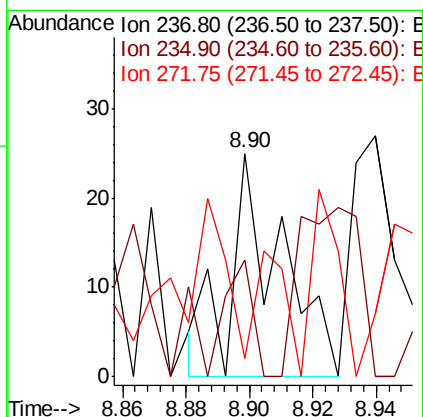
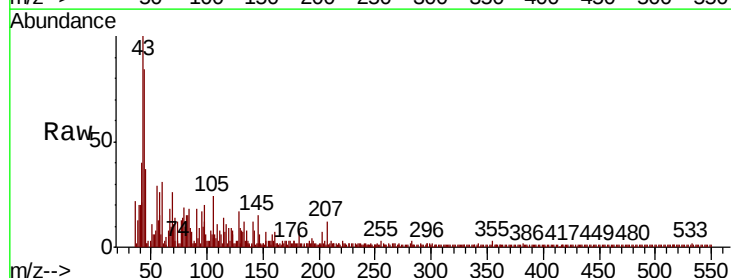
Instrument :
BNA_P
ClientSampleId :

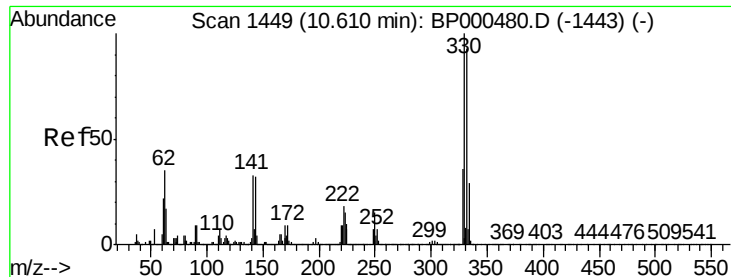
Tot Ion:164 Resp: 504935
Ion Ratio Lower Upper
164 100
162 99.5 82.2 123.2
160 44.7 37.6 56.4



#41
Hexachlorocyclopentadiene
Concen: 7.301 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BP000533.D
Acq: 05 Oct 2019 01:37

Tgt Ion:237 Resp: 28
Ion Ratio Lower Upper
237 100
235 52.0 42.9 82.9
272 8.0 0.0 32.4

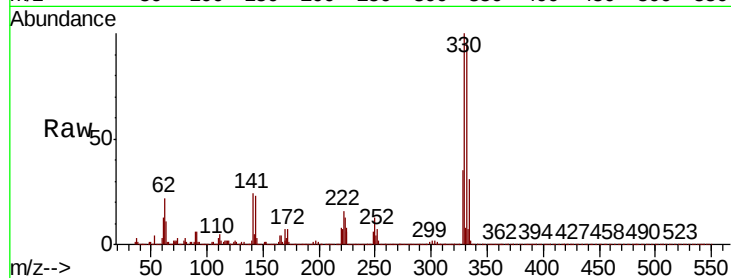




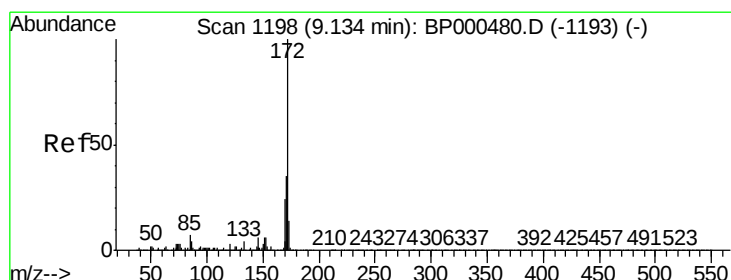
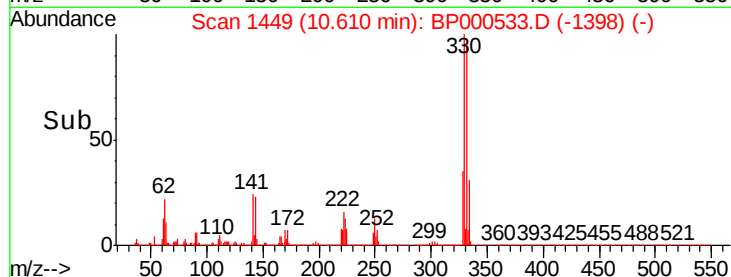
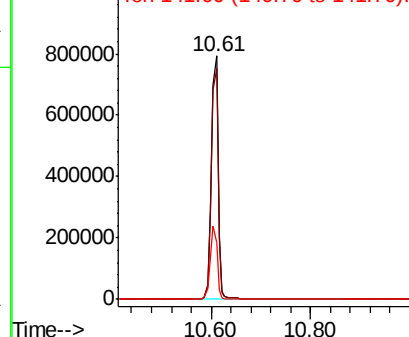
#42
2,4,6-Tribromophenol
Concen: 139.832 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BP000533.D
Acq: 05 Oct 2019 01:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 752390
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 30.6 26.0 39.0

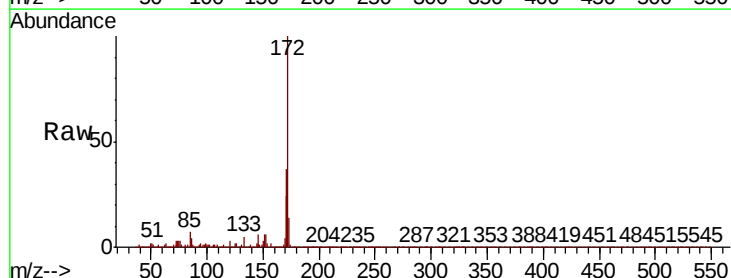


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

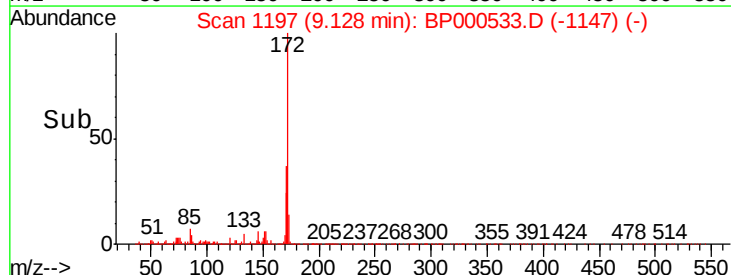
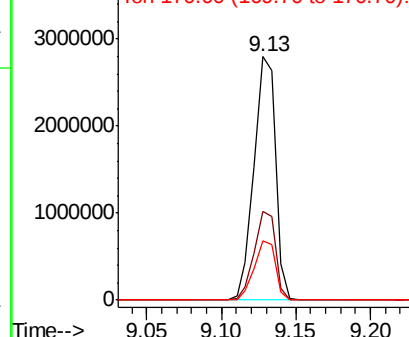


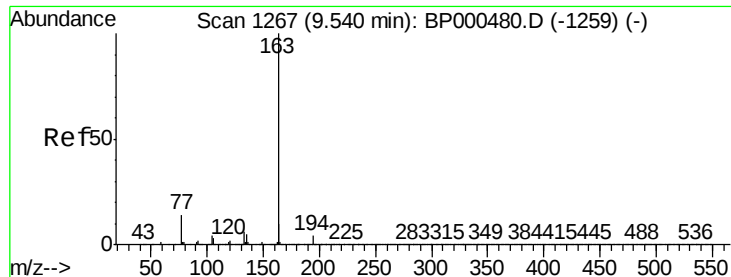
#45
2-Fluorobiphenyl
Concen: 89.529 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000533.D
Acq: 05 Oct 2019 01:37

Tgt Ion:172 Resp: 2793979
Ion Ratio Lower Upper
172 100
171 36.5 28.4 42.6
170 24.3 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

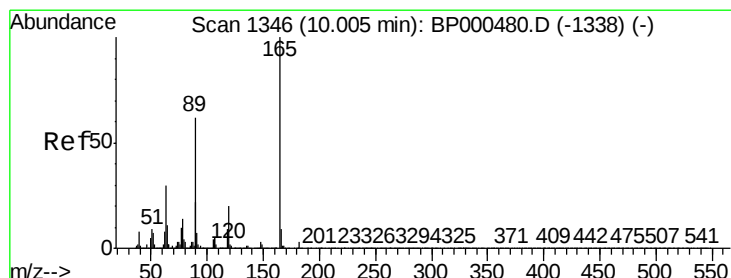
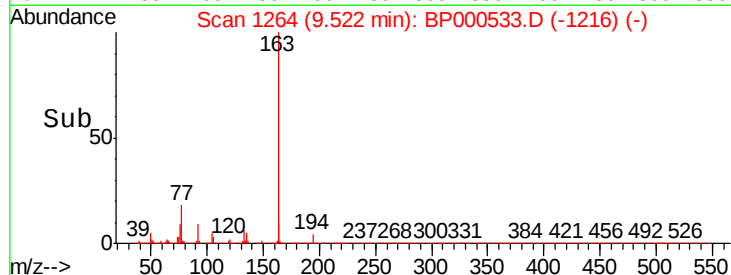
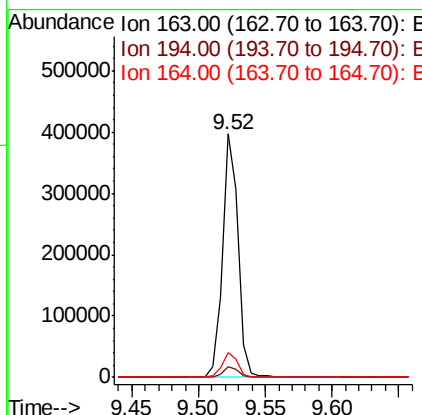
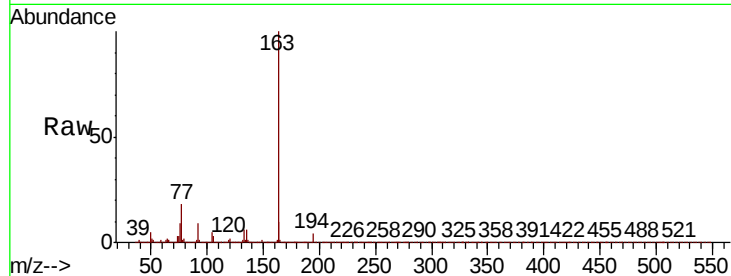




#50
Dimethylphthalate
Concen: 9.292 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BP000533.D
Acq: 05 Oct 2019 01:37

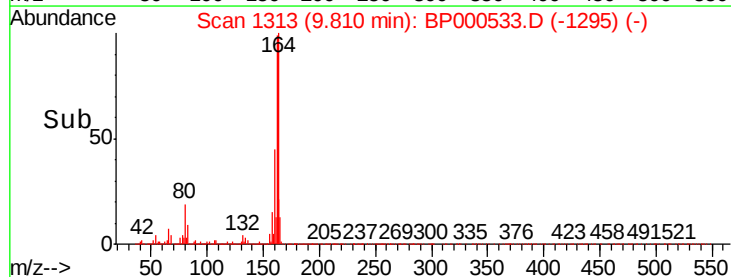
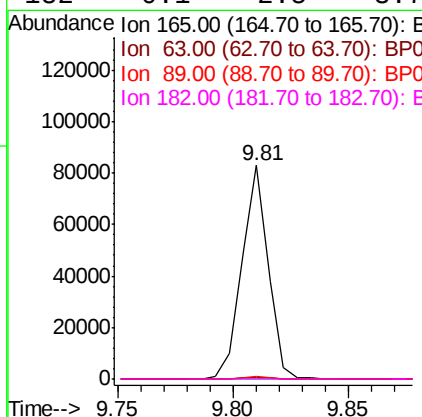
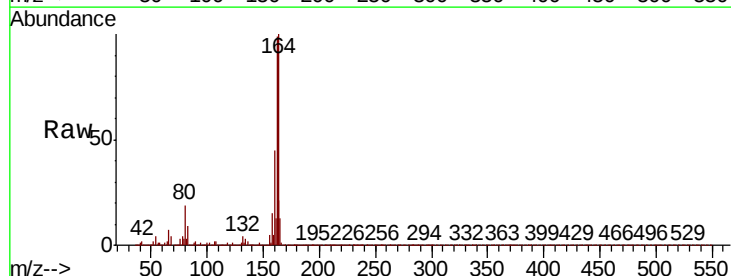
Instrument :
BNA_P
ClientSampled :

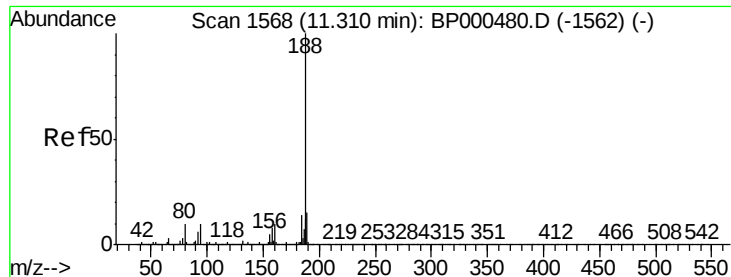
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.4	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.480 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BP000533.D
Acq: 05 Oct 2019 01:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	24.2	36.4#
89	1.1	49.4	74.0#
182	0.1	2.5	3.7#

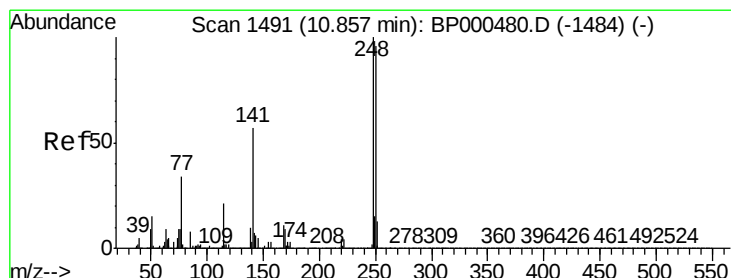
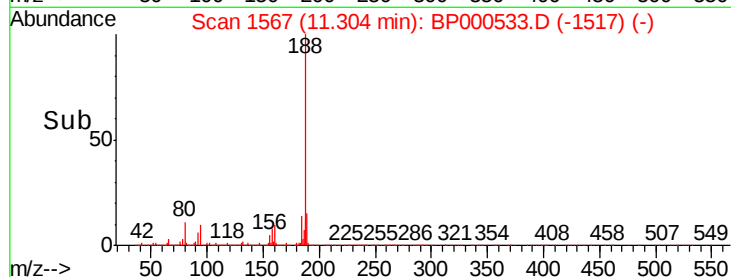
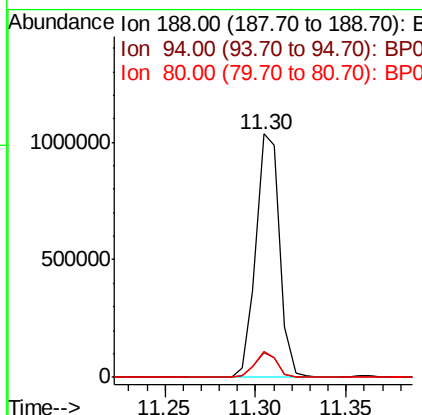
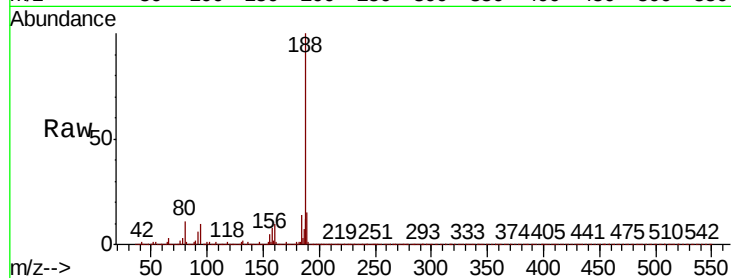




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BP000533.D
Acq: 05 Oct 2019 01:37

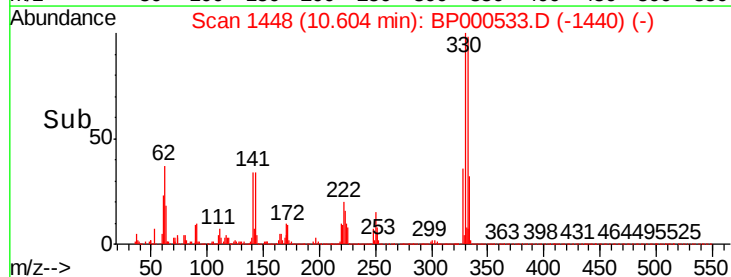
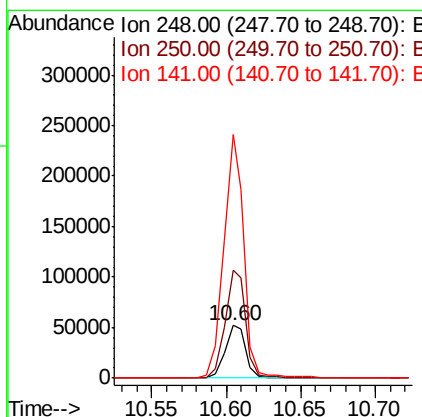
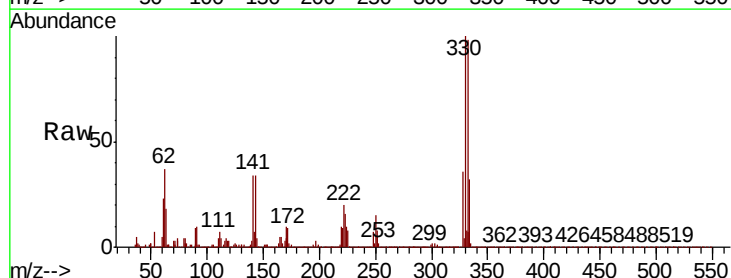
Instrument :
BNA_P
ClientSampled :

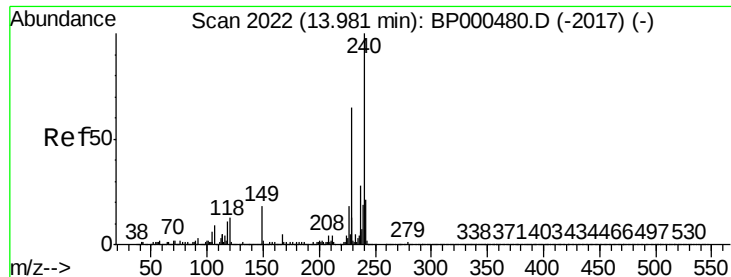
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	10.7	8.3	12.5



#67
4-Bromophenyl-phenylether
Concen: 4.771 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BP000533.D
Acq: 05 Oct 2019 01:37

Tgt Ion	Ratio	Lower	Upper
248	100		
250	205.0	77.2	115.8#
141	463.2	45.3	67.9#

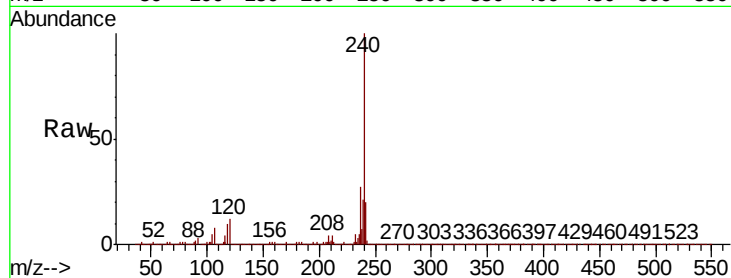




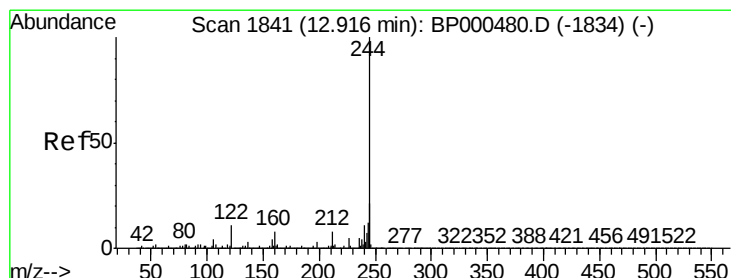
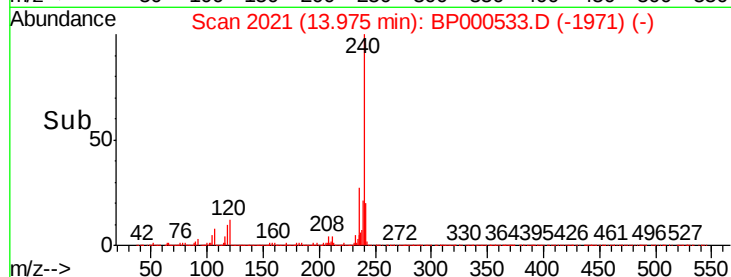
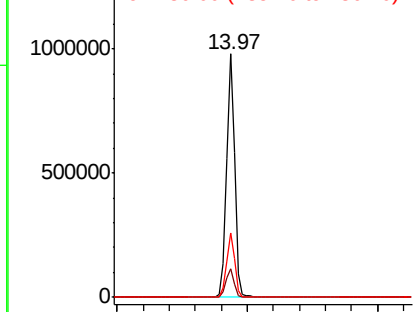
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000533.D
Acq: 05 Oct 2019 01:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion:240 Resp: 849999
Ion Ratio Lower Upper
240 100
120 11.8 10.1 15.1
236 26.6 22.7 34.1

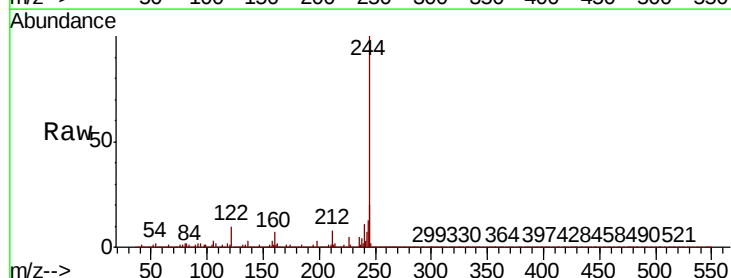


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

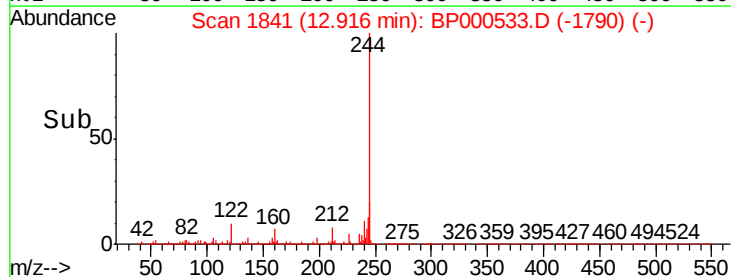
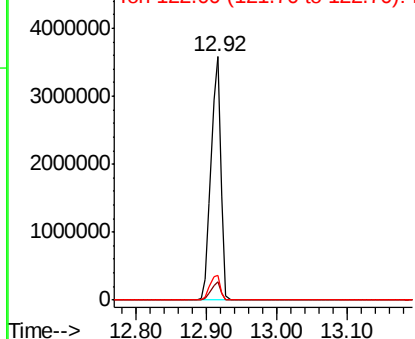


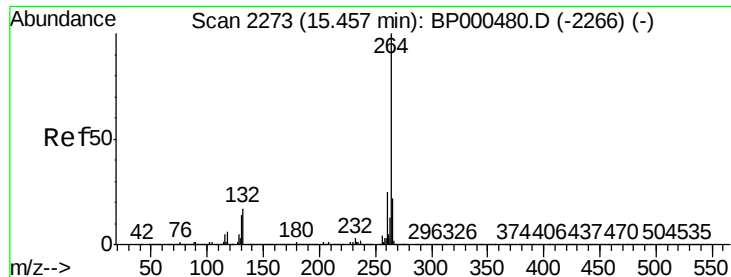
#79
Terphenyl-d14
Concen: 83.620 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BP000533.D
Acq: 05 Oct 2019 01:37

Tgt Ion:244 Resp: 3510425
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 10.3 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

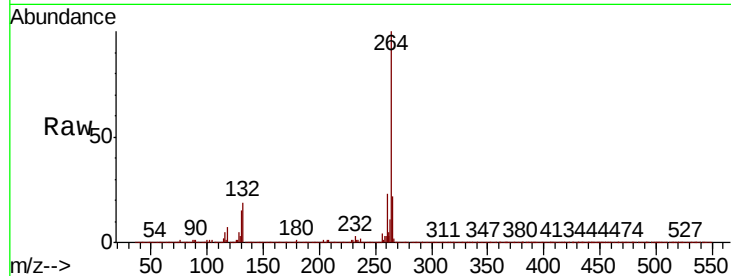




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000533.D
Acq: 05 Oct 2019 01:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	20.3	30.5
265	21.6	18.0	27.0



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

