

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 06:00:56 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

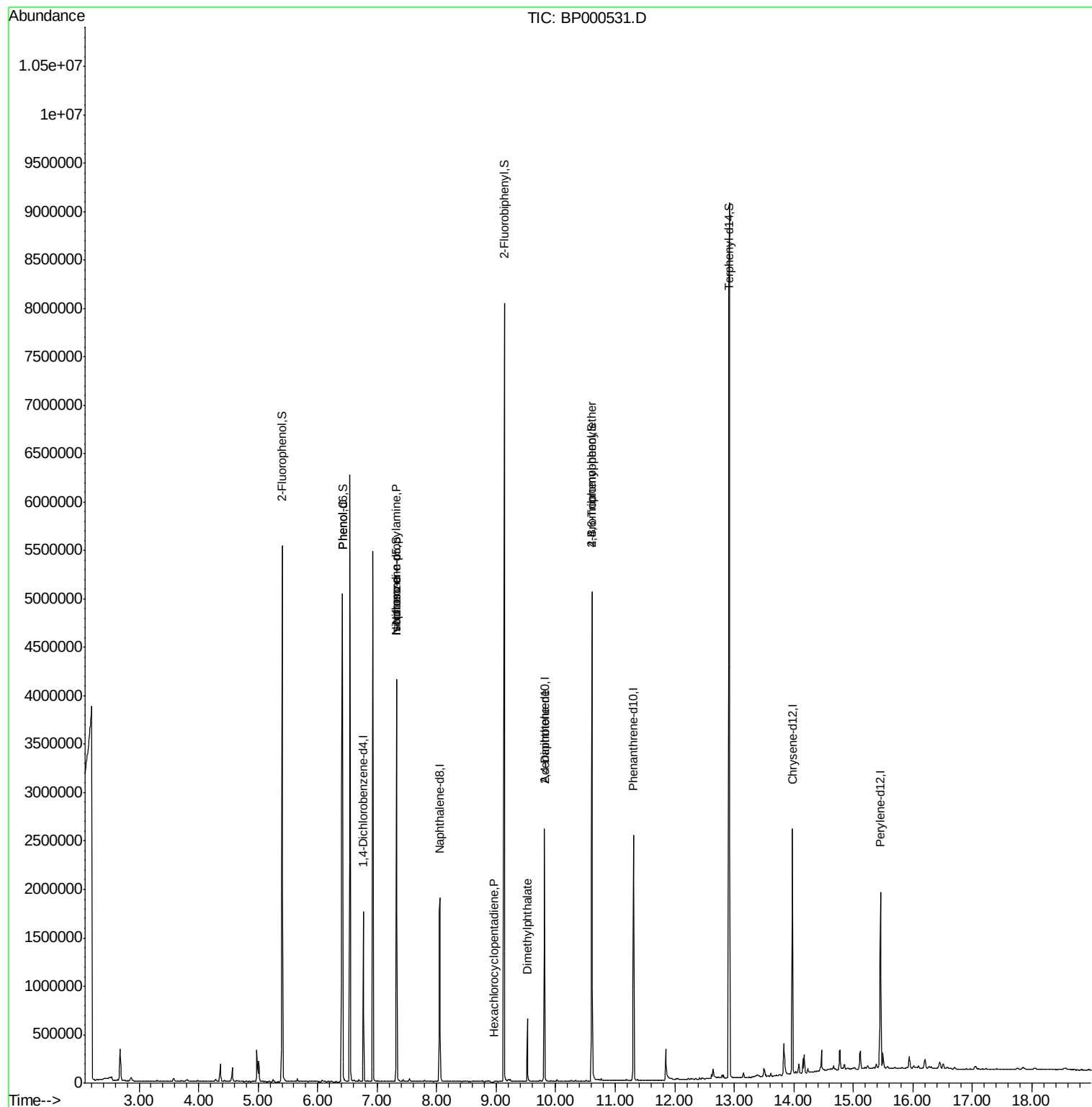
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	245746	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	872418	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	479293	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	889795	20.00	ng	0.00
76) Chrysene-d12	13.97	240	791337	20.00	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
19) n-Nitroso-di-n-propylamine	7.33	70	154245	18.164	ng	# 73
25) Isophorone	7.33	82	1256767	49.573	ng	# 61
41) Hexachlorocyclopentadiene	8.96	237	19	7.300	ng	79
50) Dimethylphthalate	9.52	163	244779	7.350	ng	99
57) 2,4-Dinitrotoluene	9.81	165	62753	6.517	ng	# 31
67) 4-Bromophenyl-phenylether	10.61	248	48588	4.851	ng	# 1

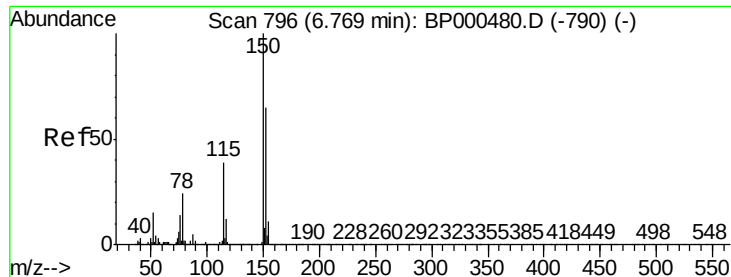
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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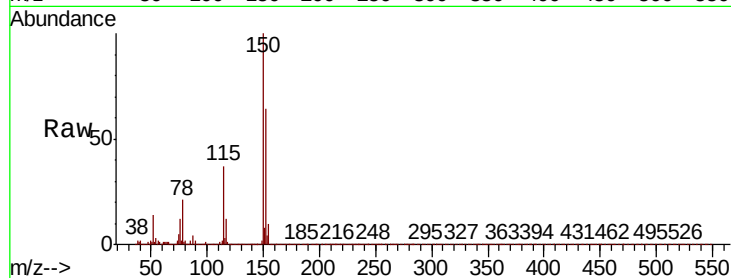


#1

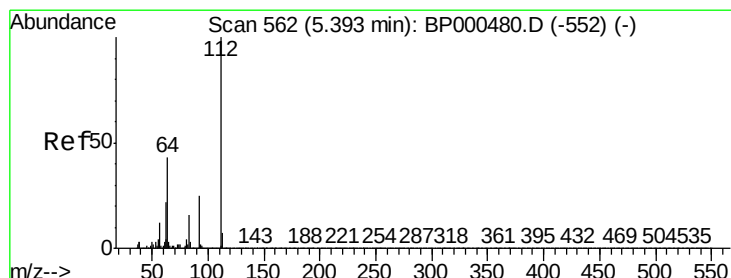
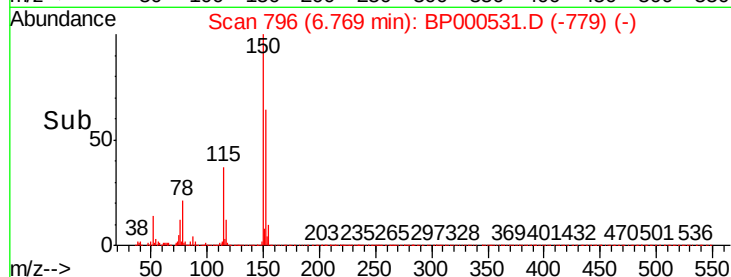
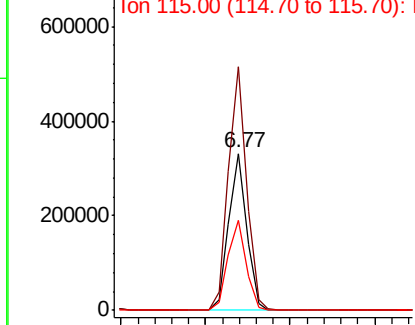
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BP000531.D
Acq: 05 Oct 2019 00:49

Instrument :
BNA_P
ClientSampleId :

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



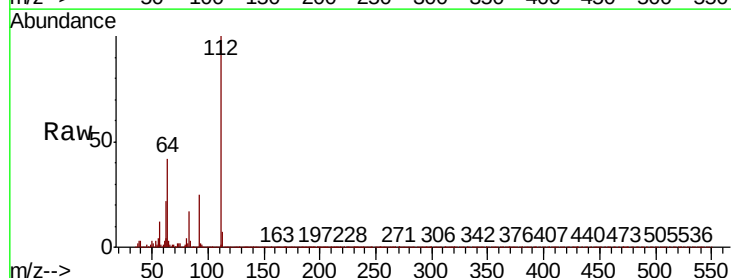
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



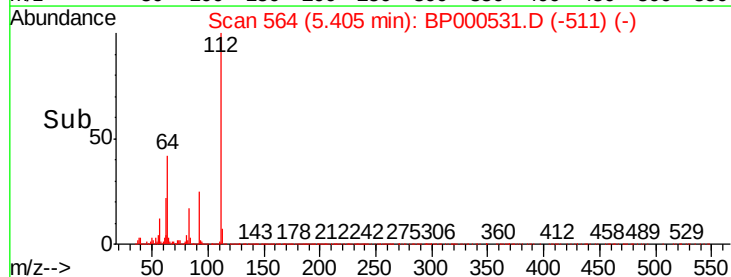
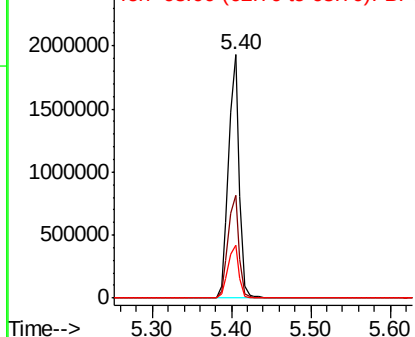
#5

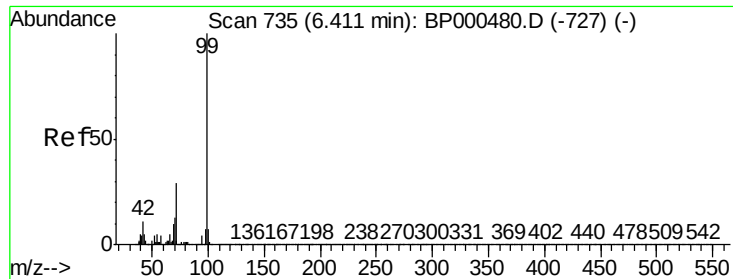
2-Fluorophenol
Concen: 118.015 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BP000531.D
Acq: 05 Oct 2019 00:49

Tgt Ion	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

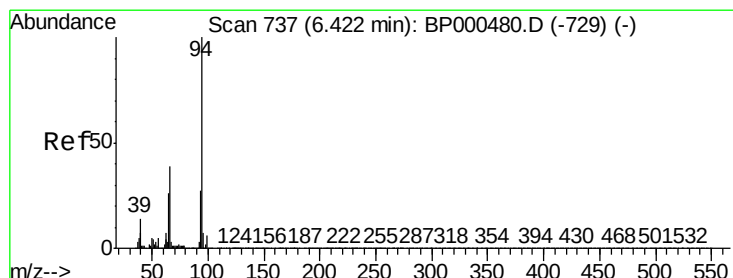
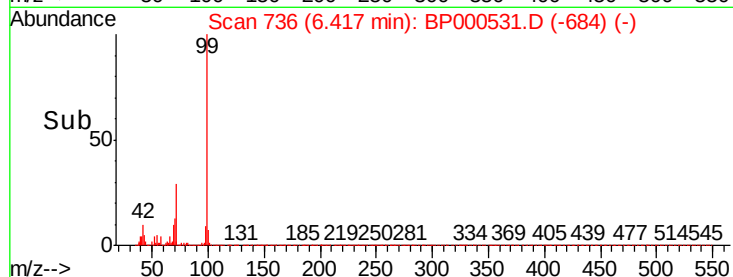
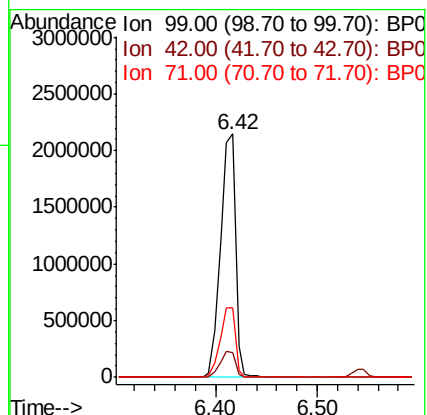
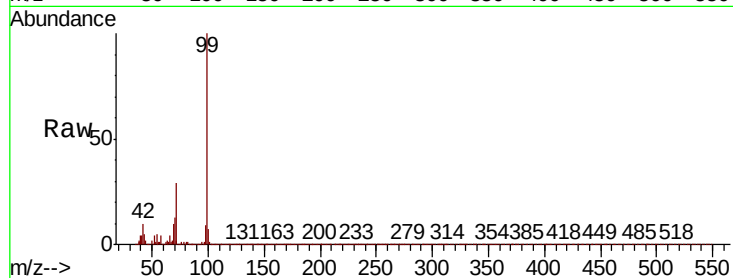
Instrument :

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

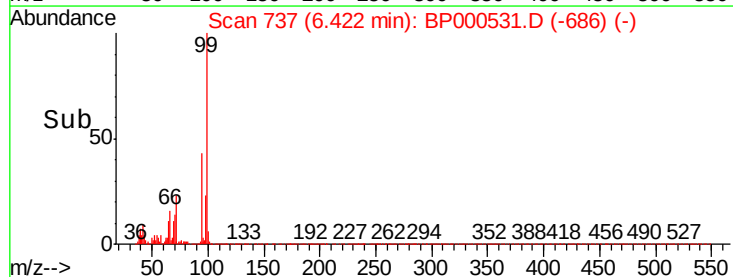
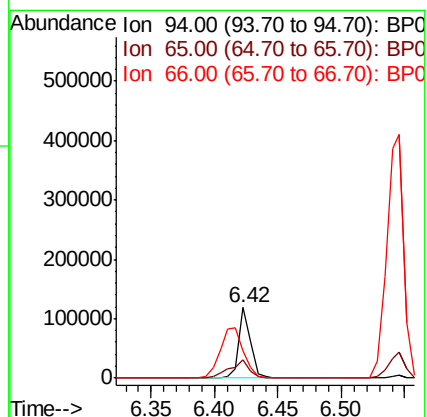
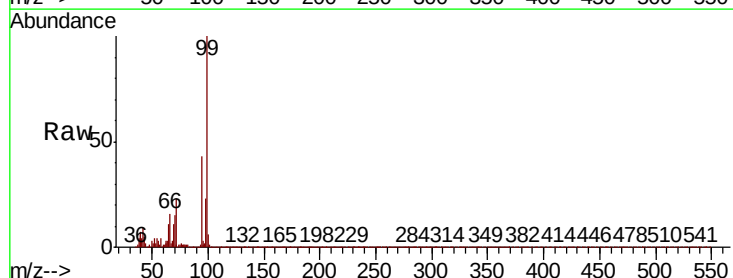
Delta R.T. 0.00 min

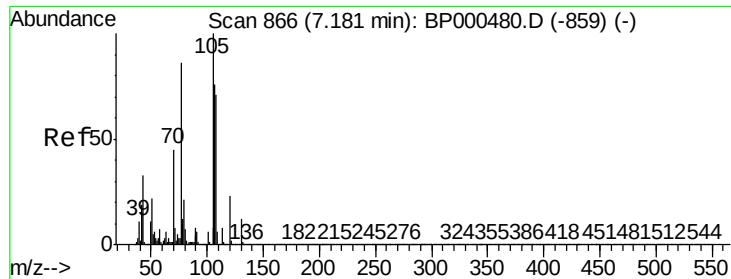
Lab File: BP000531.D

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

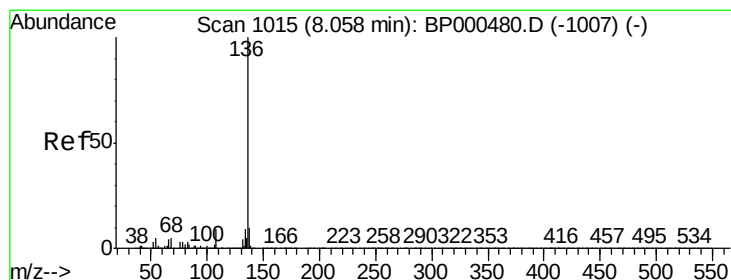
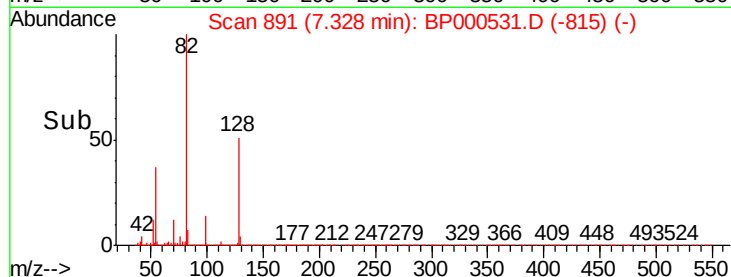
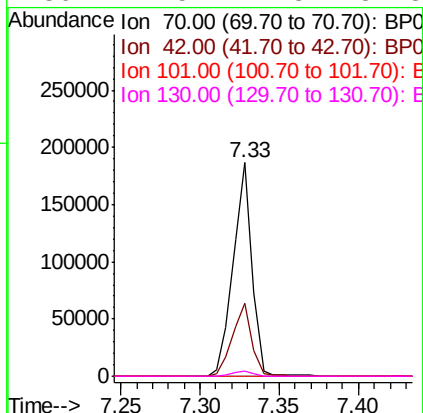
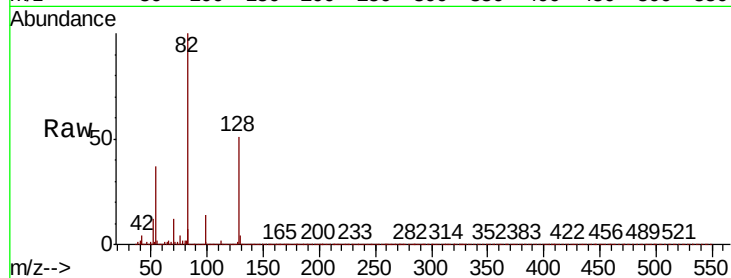




#19
n-Nitroso-di-n-propylamine
Concen: 18.164 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.15 min
Lab File: BP000531.D
Acq: 05 Oct 2019 00:49

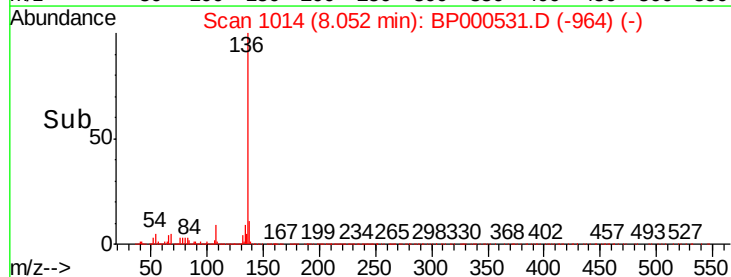
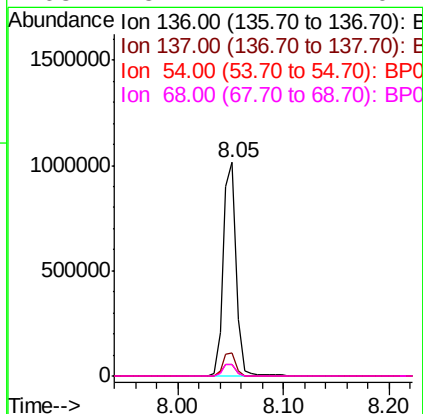
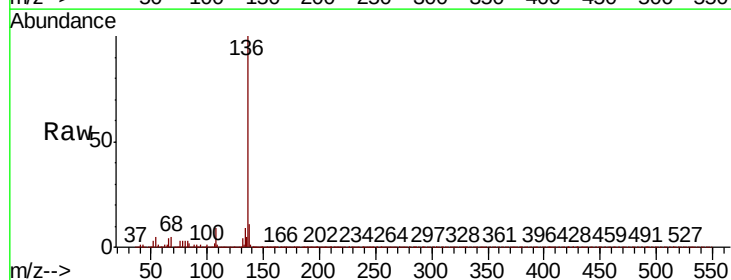
Instrument :
BNA_P
ClientSampleId :

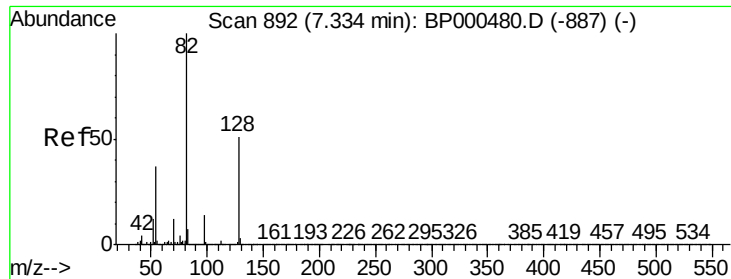
Tot Ion:	70	Resp:	154245
Ion	Ratio	Lower	Upper
70	100		
42	33.9	33.2	49.8
101	0.0	9.9	14.9#
130	2.5	21.8	32.8#



#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

Tgt 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

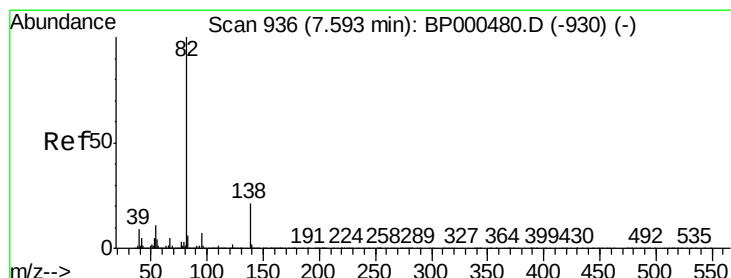
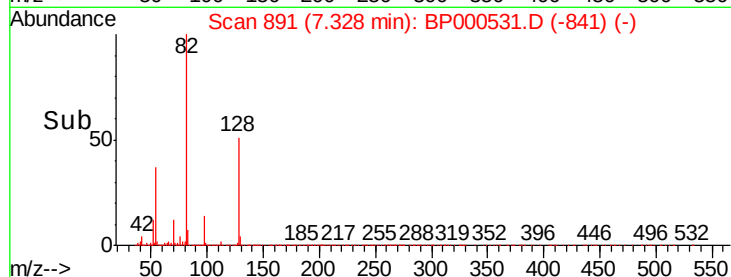
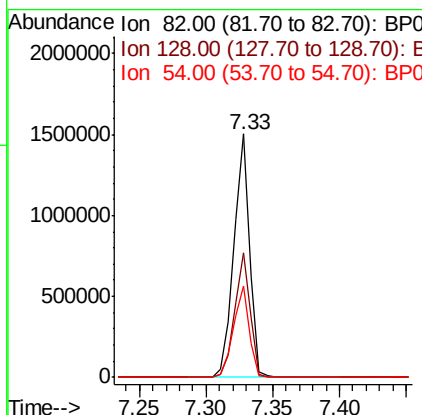
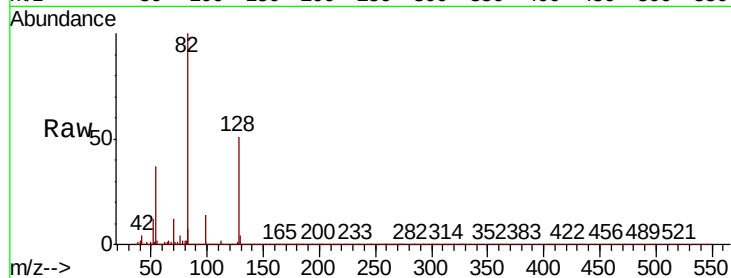




#23
 Nitrobenzene-d5
 Concen: 87.990 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BP000531.D
 Acq: 05 Oct 2019 00:49

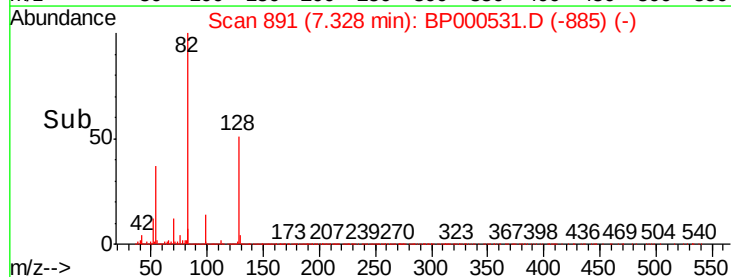
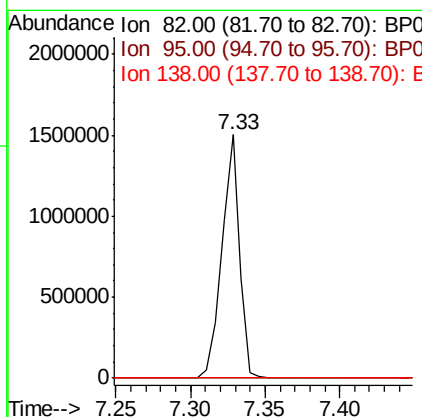
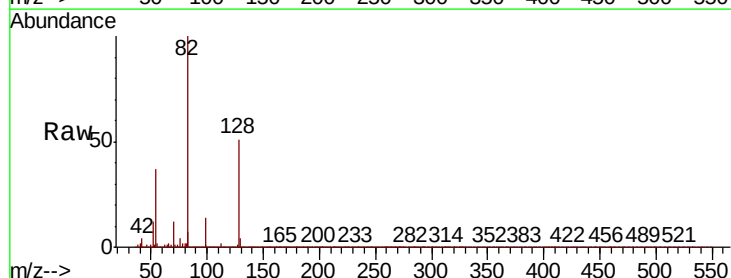
Instrument :
 BNA_P
 ClientSampled :

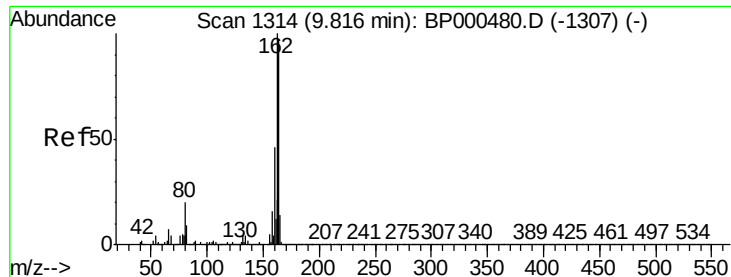
Tot Ion: 82 Resp: 1256881
 Ion Ratio Lower Upper
 82 100
 128 51.3 40.9 61.3
 54 37.5 29.4 44.2



#25
 Isophorone
 Concen: 49.573 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.26 min
 Lab File: BP000531.D
 Acq: 05 Oct 2019 00:49

Tgt Ion: 82 Resp: 1256767
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 17.0 25.4#

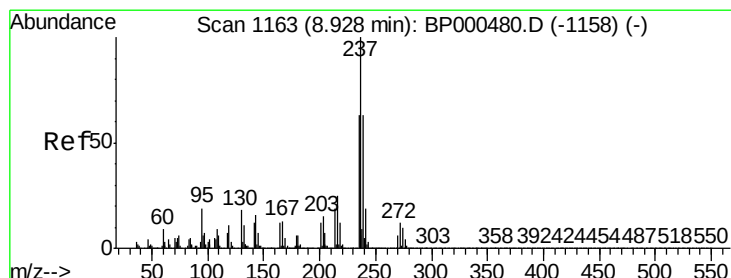
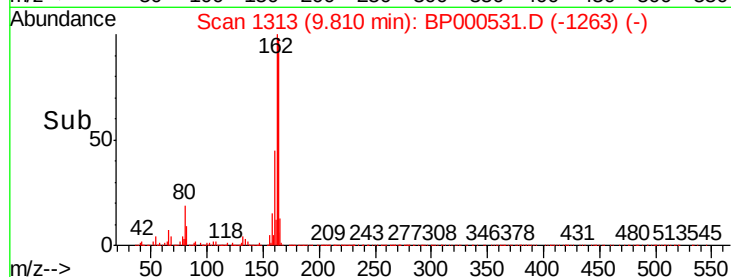
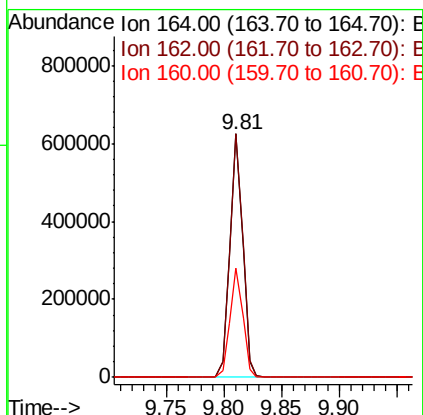
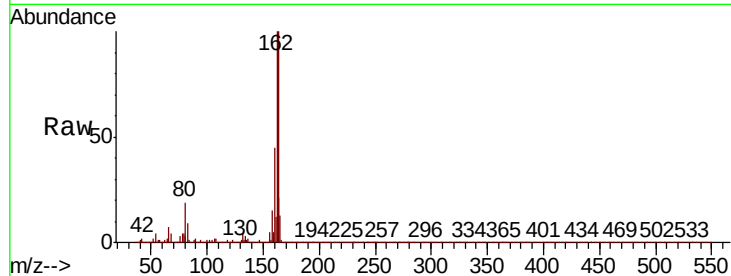




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BP000531.D
Acq: 05 Oct 2019 00:49

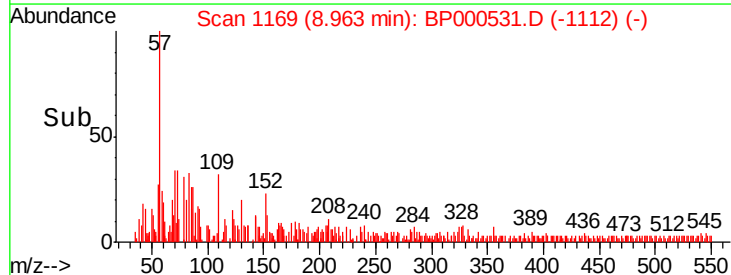
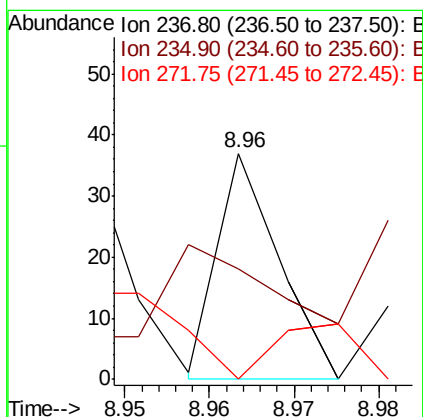
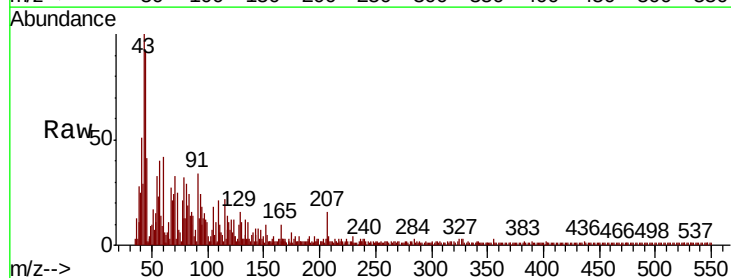
Instrument :
BNA_P
ClientSampleId :

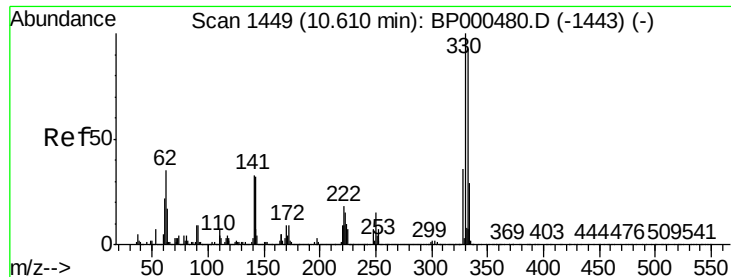
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.2	123.2
160	44.7	37.6	56.4



#41
Hexachlorocyclopentadiene
Concen: 7.300 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.04 min
Lab File: BP000531.D
Acq: 05 Oct 2019 00:49

Tgt Ion	Ratio	Lower	Upper
237	100		
235	48.6	42.9	82.9
272	0.0	0.0	32.4

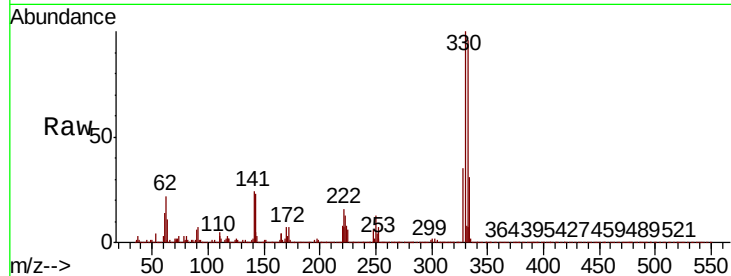




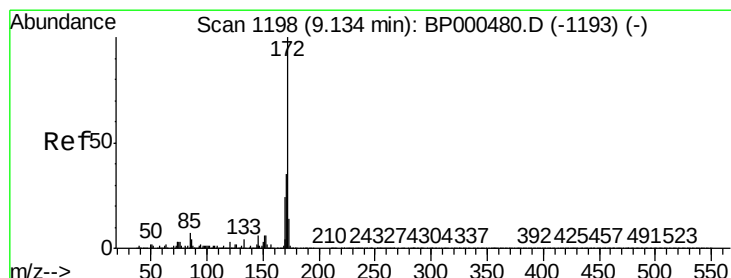
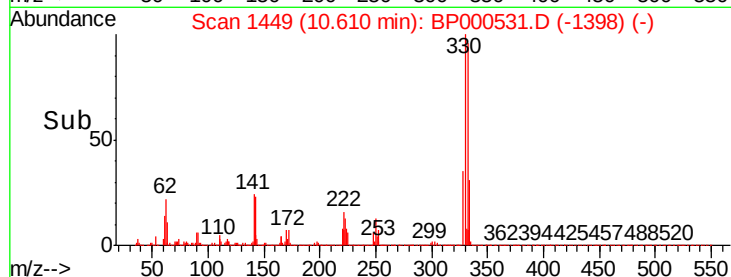
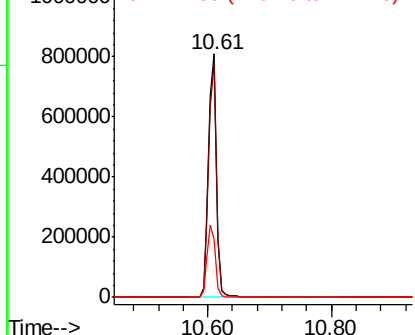
#42
2,4,6-Tribromophenol
Concen: 140.114 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BP000531.D
Acq: 05 Oct 2019 00:49

Instrument :
BNA_P
ClientSampleId :

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

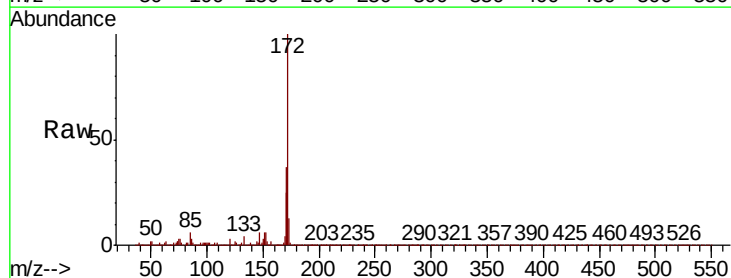


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

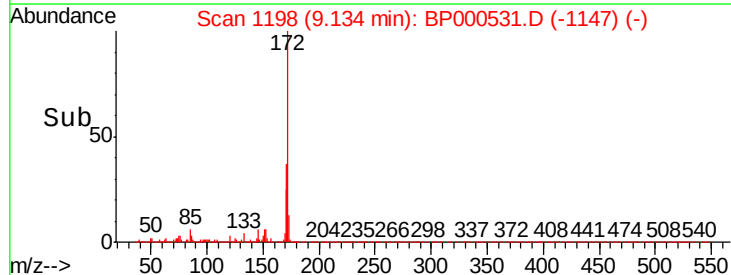
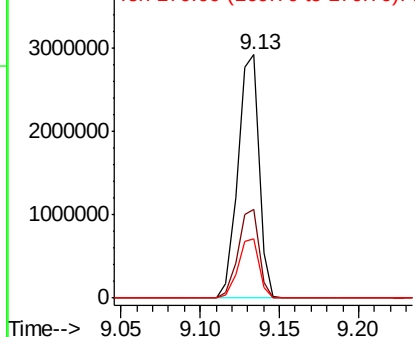


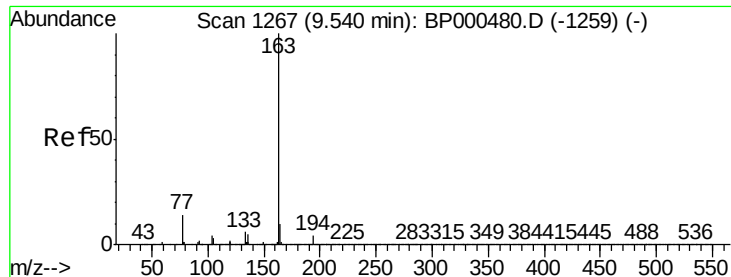
#45
2-Fluorobiphenyl
Concen: 91.431 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BP000531.D
Acq: 05 Oct 2019 00:49

Tgt 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

Instrument :

BNA_P

ClientSampleId :

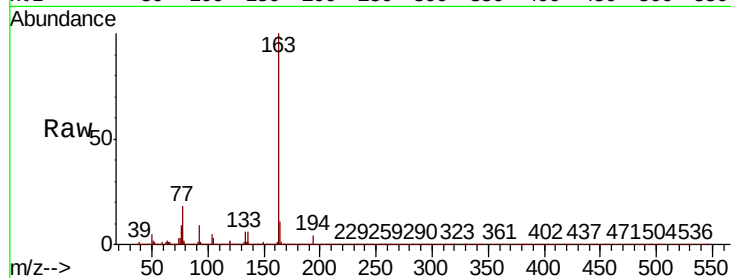
Tot Ion:163 Resp: 244779

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

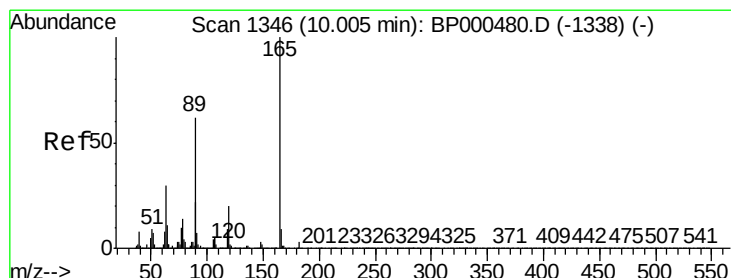
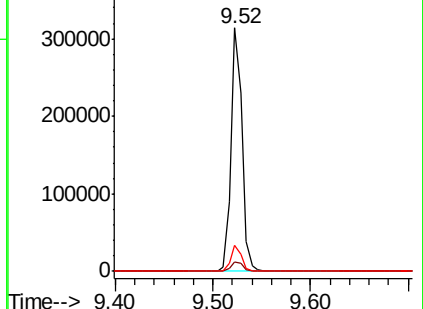
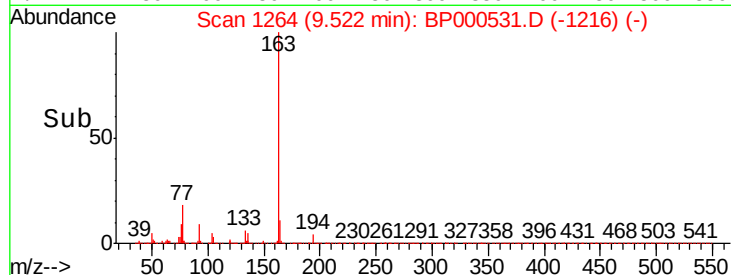
164 10.6 8.0 12.0



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



#57

2,4-Dinitrotoluene

Concen: 6.517 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.19 min

Lab File: BP000531.D

Acq: 05 Oct 2019 00:49

Tgt Ion:165 Resp: 62753

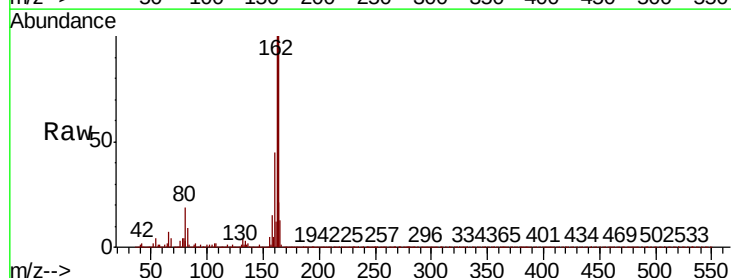
Ion Ratio Lower Upper

165 100

63 0.9 24.2 36.4#

89 1.2 49.4 74.0#

182 0.2 2.5 3.7#

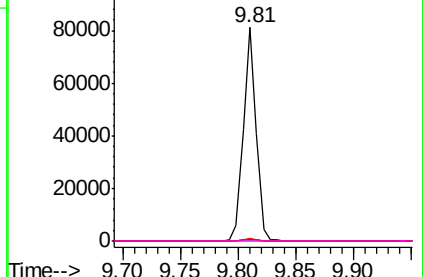
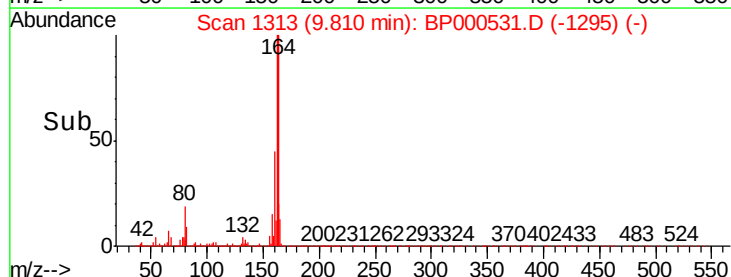


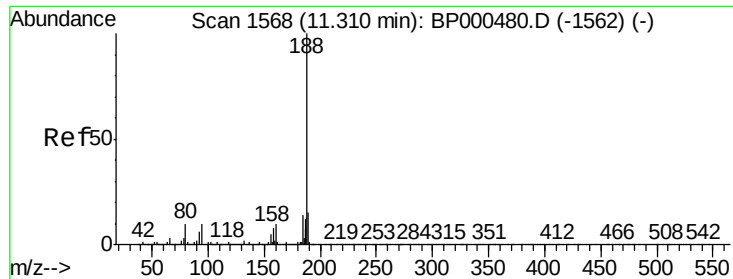
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): 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

ClientSampled :

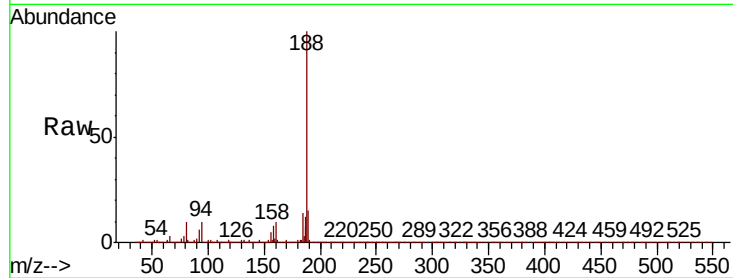
Tot Ion:188 Resp: 889795

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

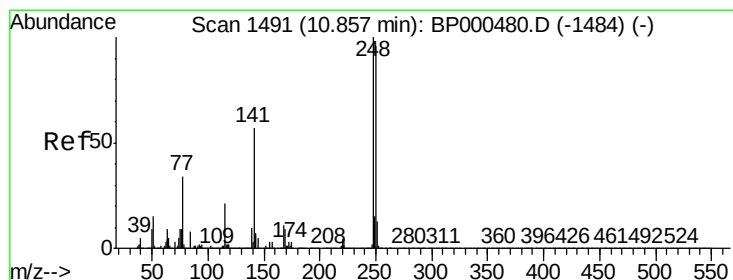
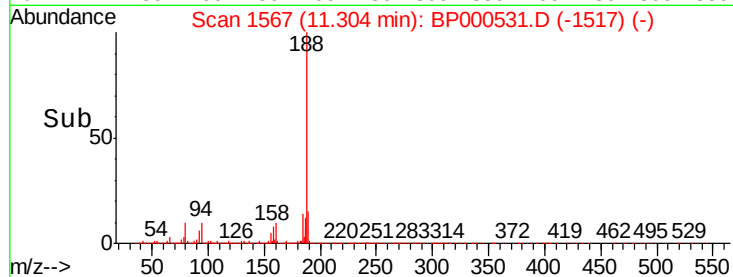
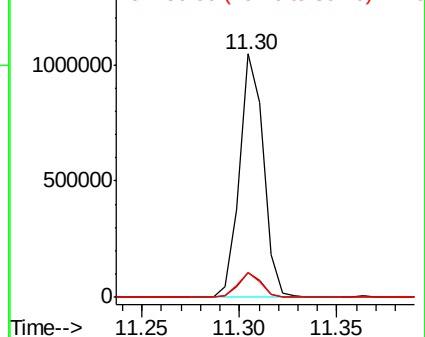
80 10.4 8.3 12.5



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



#67

4-Bromophenyl-phenylether

Concen: 4.851 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.25 min

Lab File: BP000531.D

Acq: 05 Oct 2019 00:49

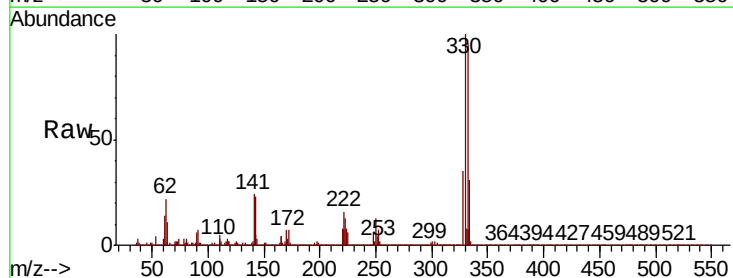
Tgt Ion:248 Resp: 48588

Ion Ratio Lower Upper

248 100

250 204.5 77.2 115.8#

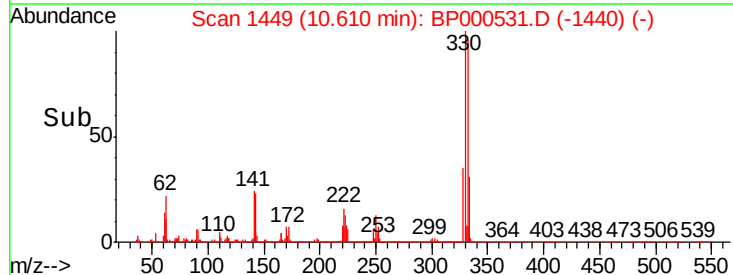
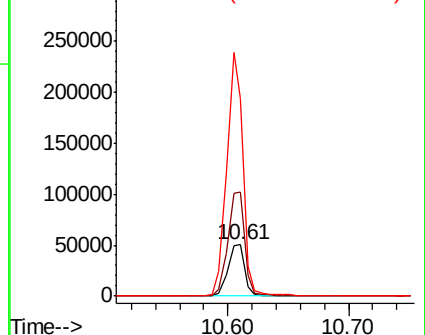
141 385.5 45.3 67.9#

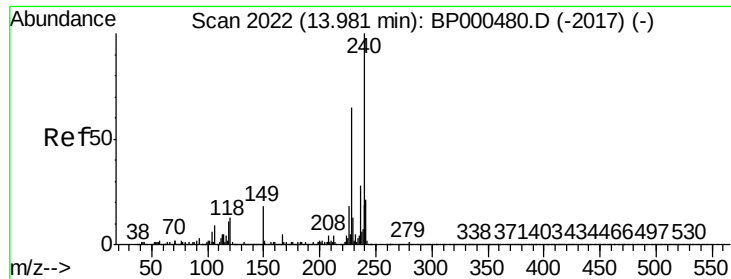


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

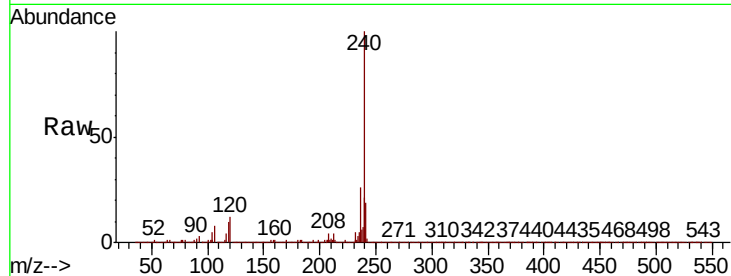




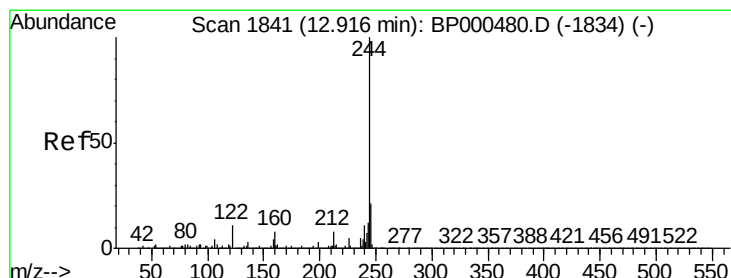
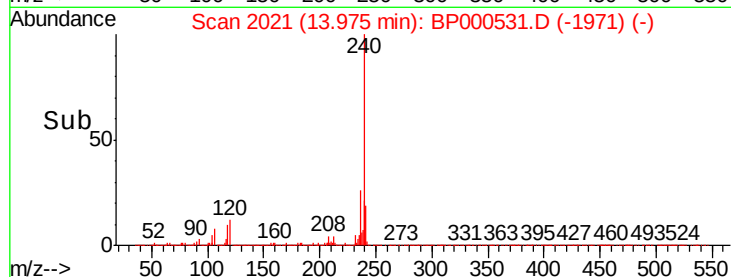
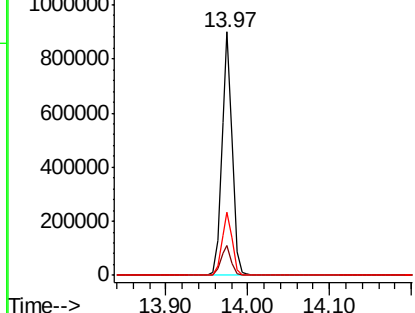
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000531.D
Acq: 05 Oct 2019 00:49

Instrument :
BNA_P
ClientSampleId :

Tot Ion:240 Resp: 791337
Ion Ratio Lower Upper
240 100
120 12.0 10.1 15.1
236 26.1 22.7 34.1

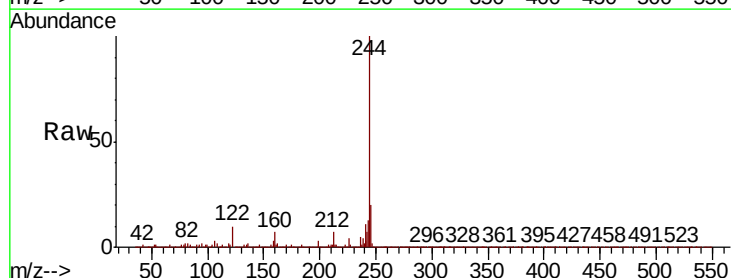


Abundance Ion 240.00 (239.70 to 240.70): E
1200000 Ion 120.00 (119.70 to 120.70): E
1000000 Ion 236.00 (235.70 to 236.70): E
800000
600000
400000
200000
0

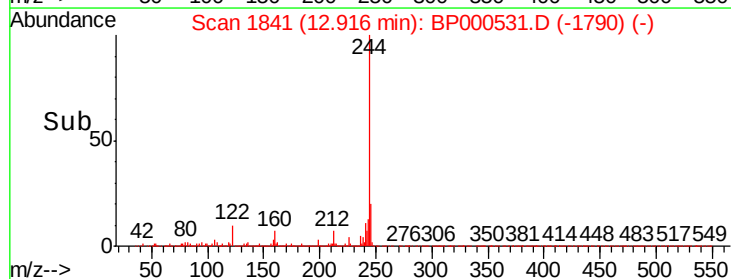
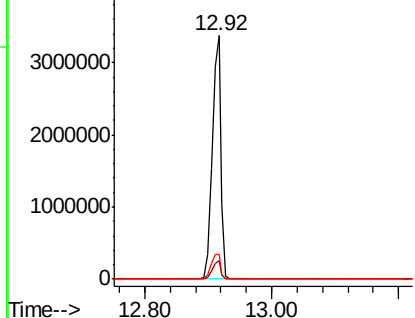


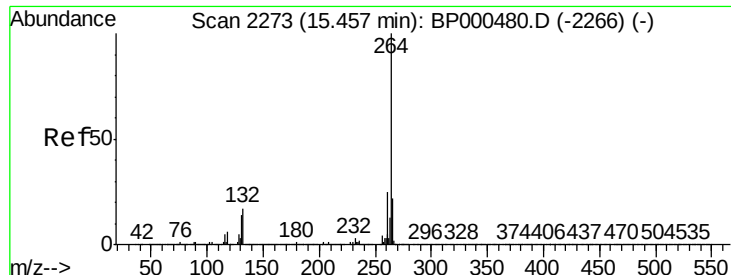
#79
Terphenyl-d14
Concen: 84.841 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000531.D
Acq: 05 Oct 2019 00:49

Tgt Ion:244 Resp: 3315896
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 10.2 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E
4000000 Ion 212.00 (211.70 to 212.70): E
3000000 Ion 122.00 (121.70 to 122.70): E
2000000
1000000
0





#87
Pervlene-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

Instrument :
BNA_P
ClientSampleId :

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

