

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
 Data File : BP001224.D
 Acq On : 05 Dec 2019 21:26
 Operator : JU
 Sample : K6120-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 06 06:07:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

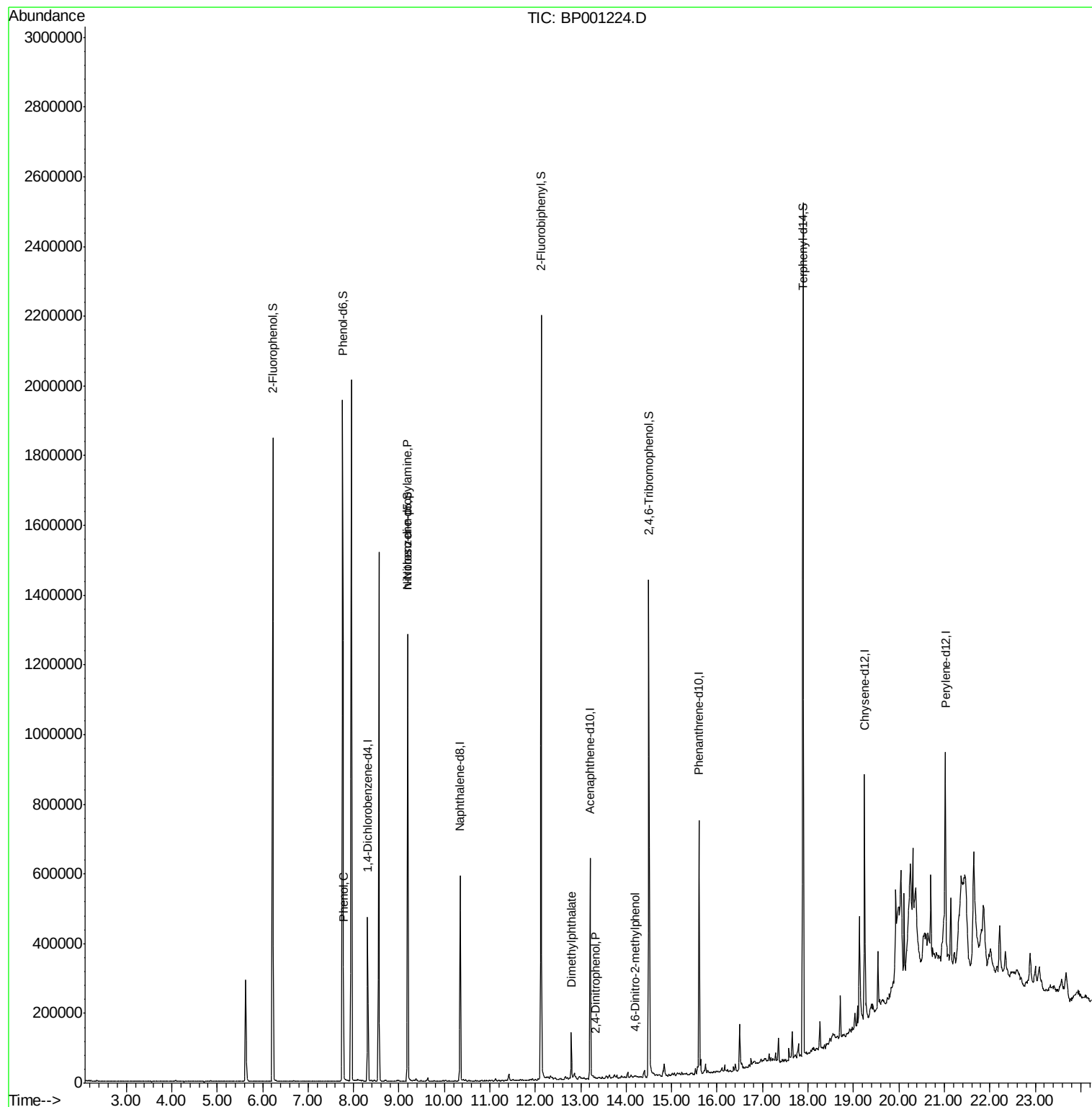
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	82869	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	295927	20.00	ng	0.00
39) Acenaphthene-d10	13.21	164	166996	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	323717	20.00	ng	0.00
76) Chrysene-d12	19.25	240	253600	20.00	ng	-0.01
87) Perylene-d12	21.02	264	278877	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	558948	111.90	ng	0.01
7) Phenol-d6	7.76	99	764695	114.92	ng	0.00
23) Nitrobenzene-d5	9.19	82	519108	76.11	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	196963	123.05	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	820104	71.87	ng	0.00
79) Terphenyl-d14	17.89	244	975625	71.17	ng	0.00
Target Compounds						
9) Benzaldehyde	7.62	77	258	Below Cal		Qvalue # 56
10) Phenol	7.78	94	35647	4.709 ng	#	74
19) n-Nitroso-di-n-propylamine	9.19	70	74284	15.470 ng	#	80
50) Dimethylphthalate	12.79	163	61774	4.946 ng		100
54) 2,4-Dinitrophenol	13.33	184	9	7.117 ng	#	5
65) 4,6-Dinitro-2-methylphenol	14.19	198	17	6.287 ng	#	1

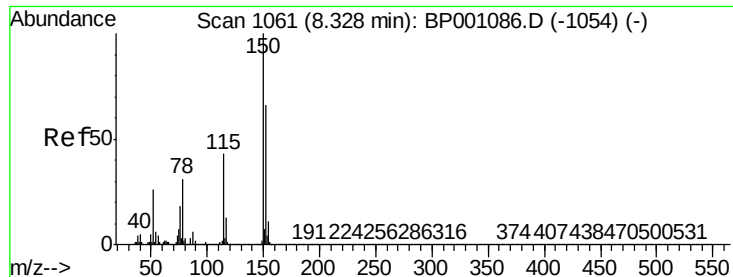
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 06 06:07:35 2019
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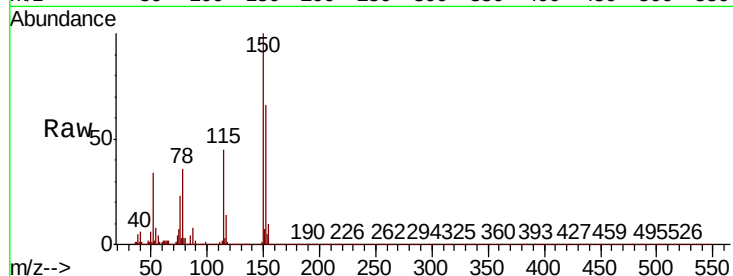


#1

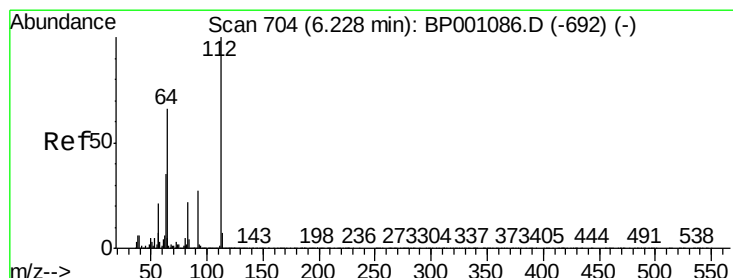
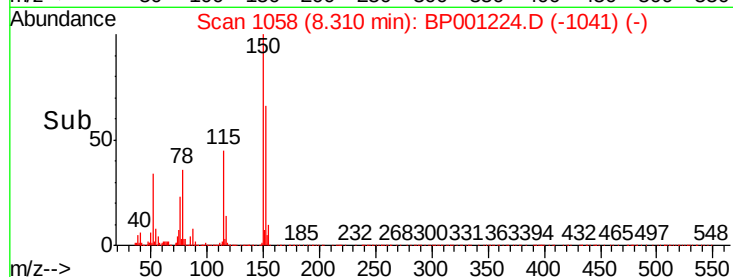
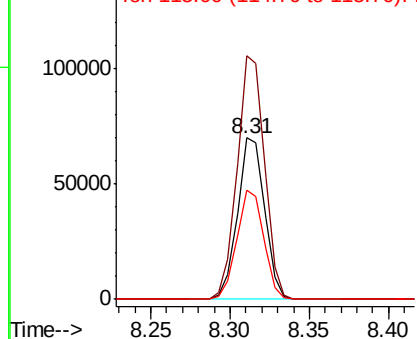
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BP001224.D
Acq: 05 Dec 2019 21:26

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	127.3	190.9
115	67.7	56.0	84.0



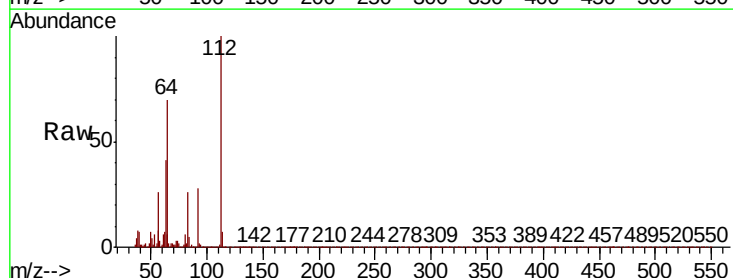
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



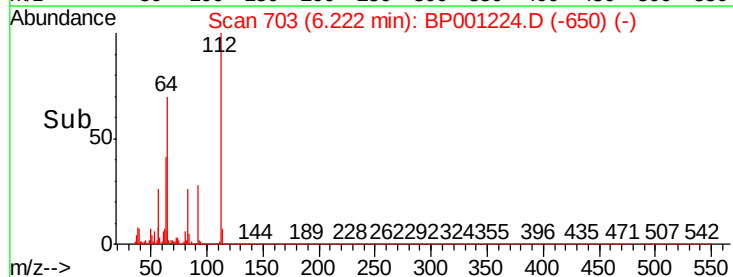
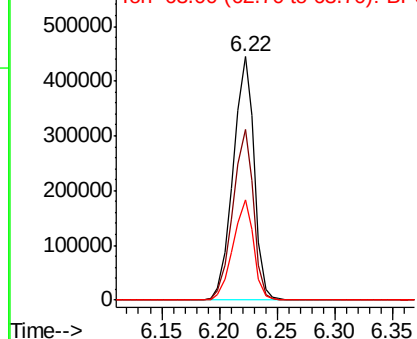
#5

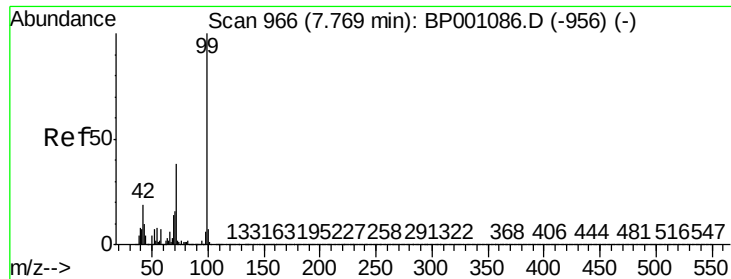
2-Fluorophenol
Concen: 111.904 ng
RT: 6.22 min Scan# 703
Delta R.T. 0.01 min
Lab File: BP001224.D
Acq: 05 Dec 2019 21:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	56.8	85.2
63	41.1	32.2	48.2



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: 114.916 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BP001224.D

Acq: 05 Dec 2019 21:26

Instrument :

BNA_P

ClientSampleId :

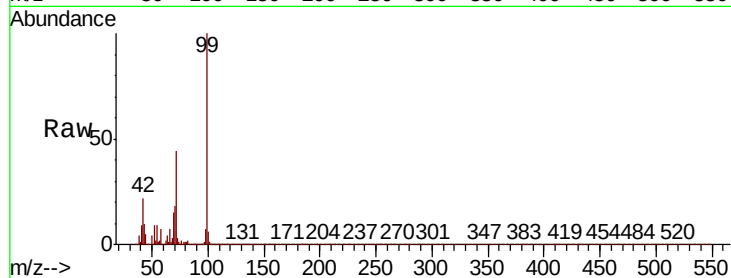
Tot Ion: 99 Resp: 764695

Ion Ratio Lower Upper

99 100

42 22.5 17.6 26.4

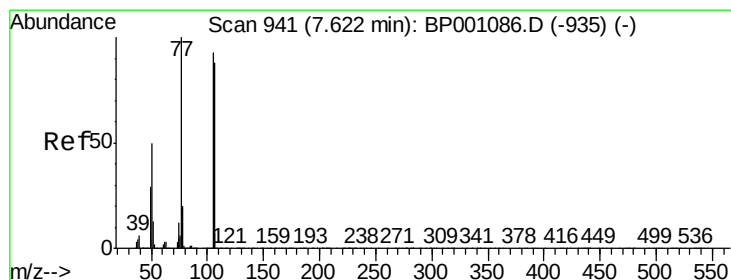
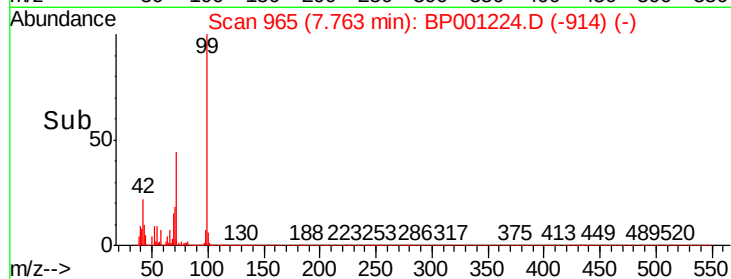
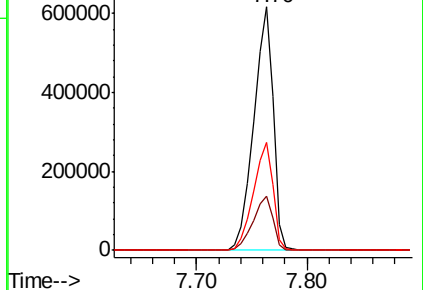
71 44.1 33.8 50.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#9

Benzaldehyde

Concen: Below Cal

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BP001224.D

Acq: 05 Dec 2019 21:26

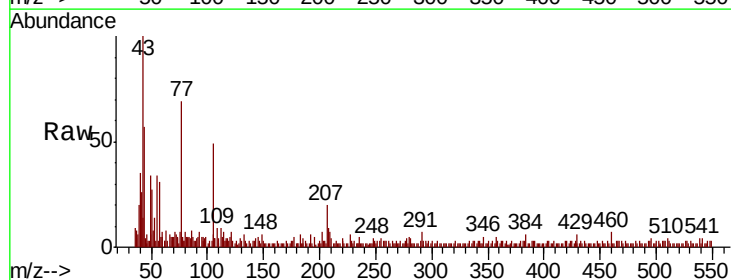
Tgt Ion: 77 Resp: 258

Ion Ratio Lower Upper

77 100

105 79.9 69.7 109.7

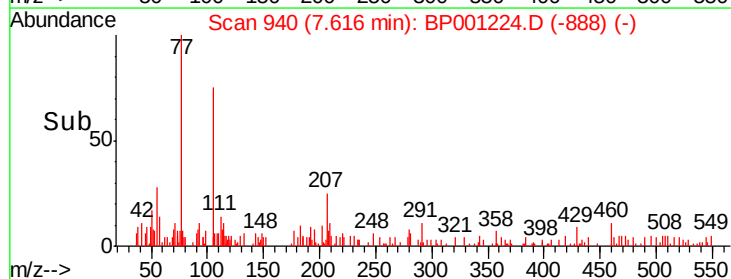
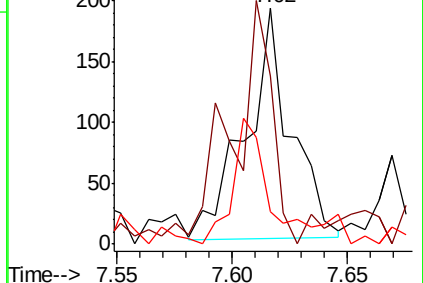
106 13.9 67.1 107.1#

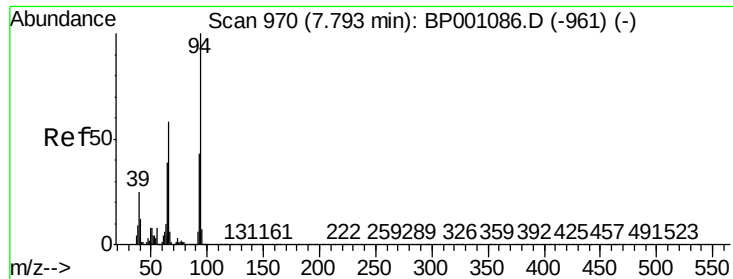


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 4.709 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BP001224.D

Acq: 05 Dec 2019 21:26

Instrument :

BNA_P

ClientSampled :

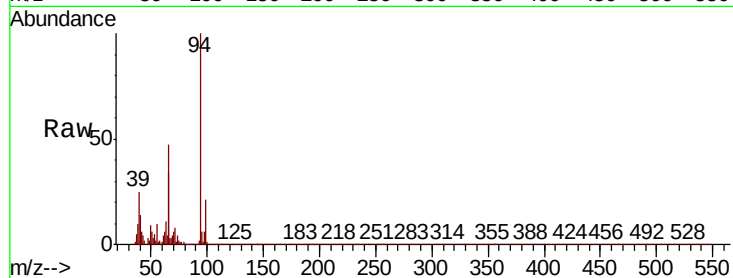
Tot Ion: 94 Resp: 35647

Ion Ratio Lower Upper

94 100

65 33.9 25.6 65.6

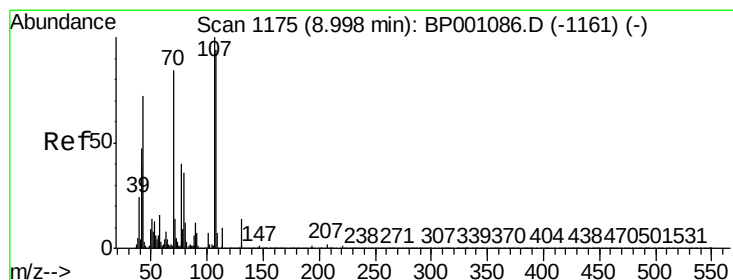
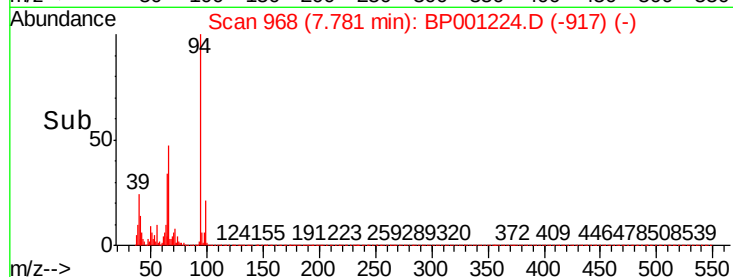
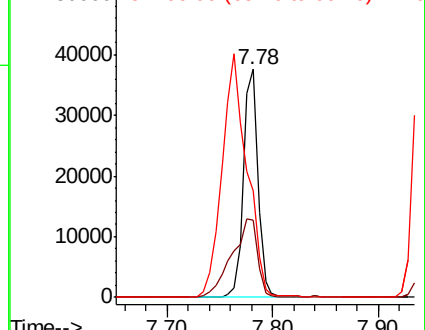
66 46.7 52.6 92.6#



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



#19

n-Nitroso-di-n-propylamine

Concen: 15.470 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.21 min

Lab File: BP001224.D

Acq: 05 Dec 2019 21:26

Tgt Ion: 70 Resp: 74284

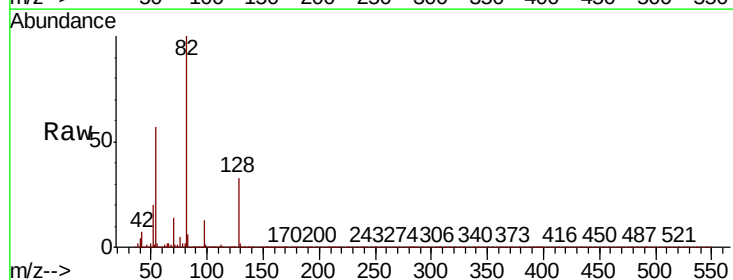
Ion Ratio Lower Upper

70 100

42 51.2 50.6 76.0

101 0.0 7.1 10.7#

130 1.5 13.6 20.4#

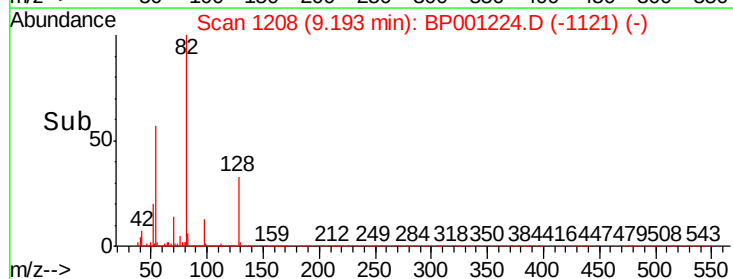
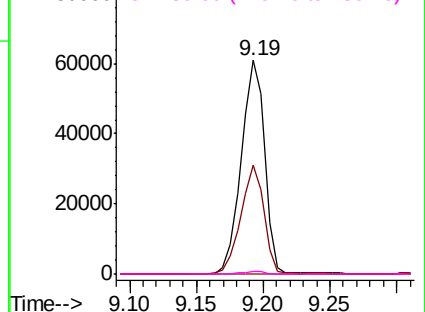


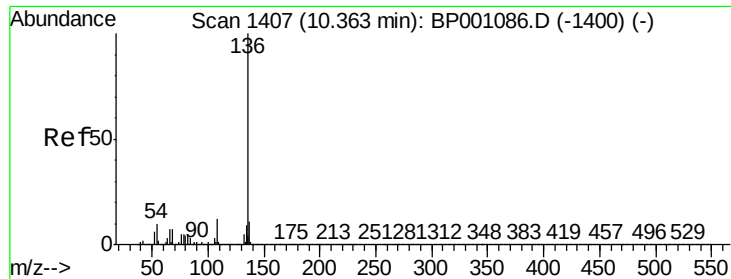
Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

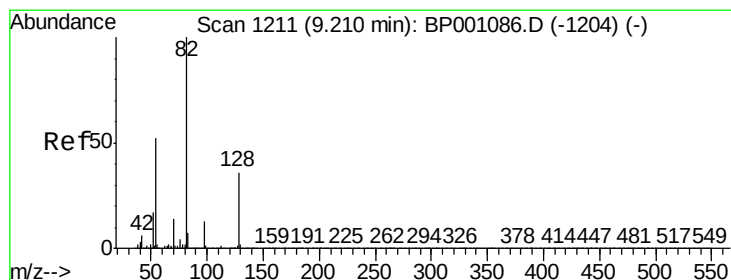
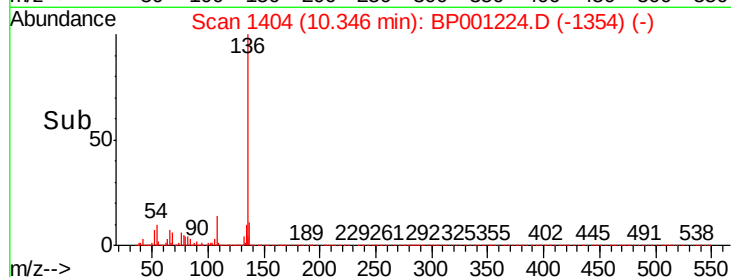
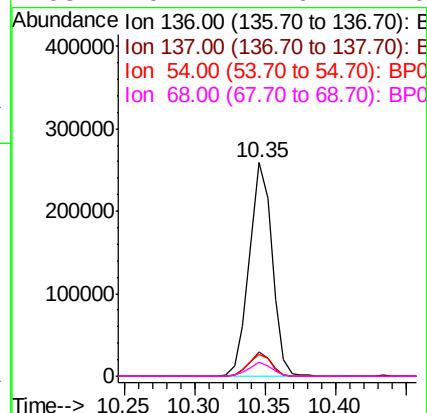
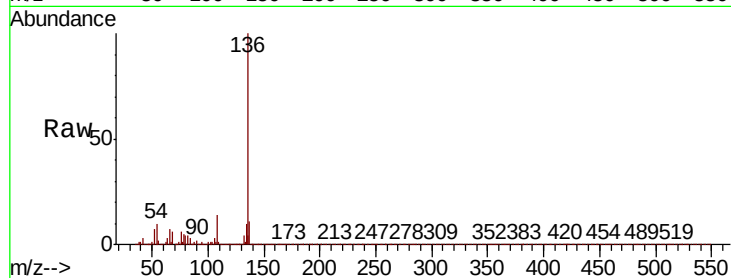




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001224.D
Acq: 05 Dec 2019 21:26

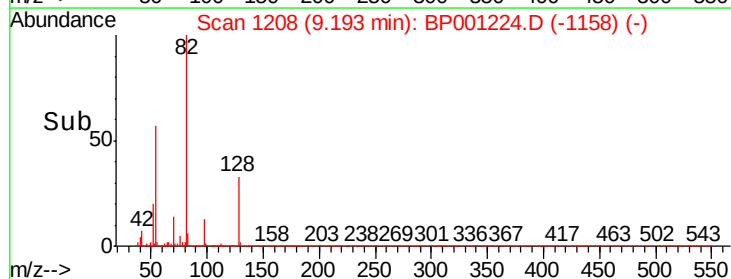
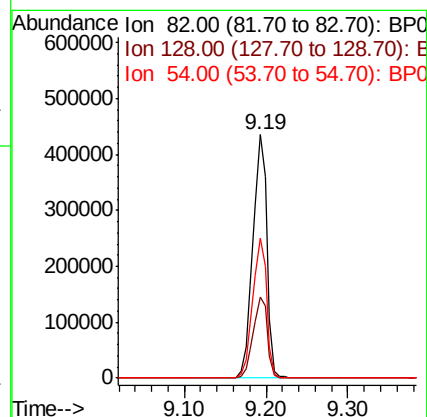
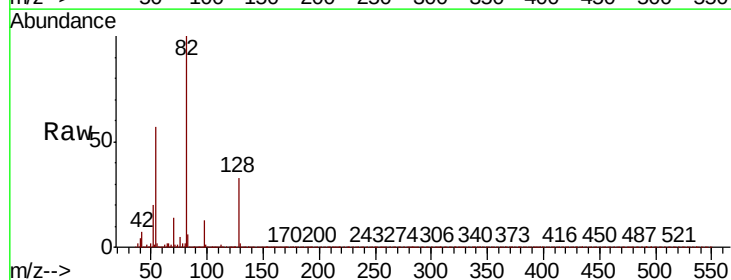
Instrument :
BNA_P
ClientSampleId :

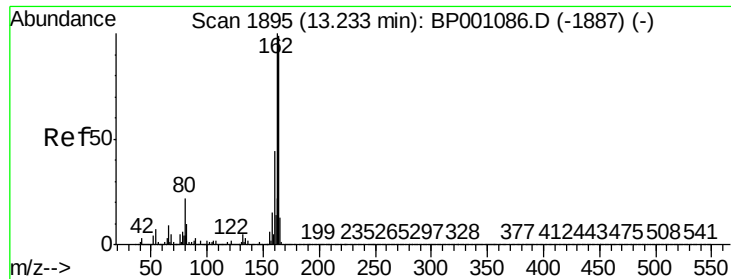
Tot Ion:136	Resp:	295927
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.4	12.6
54 10.0	7.4	11.0
68 6.4	4.6	7.0



#23
Nitrobenzene-d5
Concen: 76.106 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001224.D
Acq: 05 Dec 2019 21:26

Tgt Ion: 82	Resp: 519108
Ion Ratio	Lower Upper
82 100	
128 33.3	27.5 41.3
54 57.4	45.7 68.5

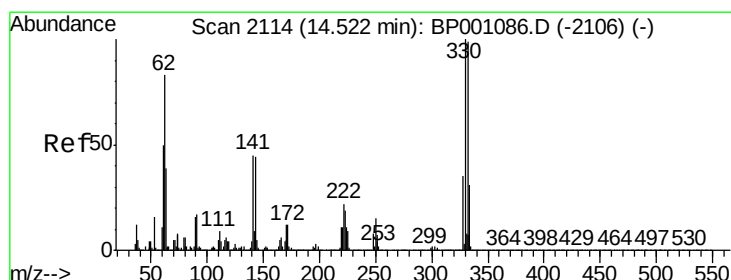
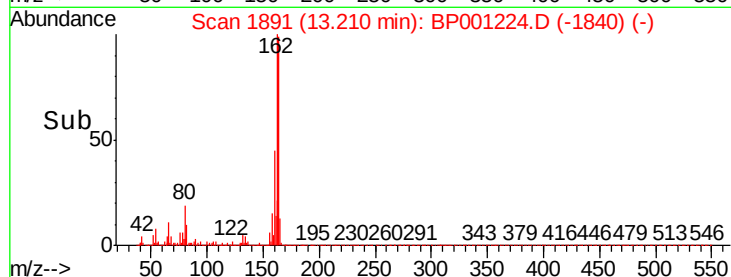
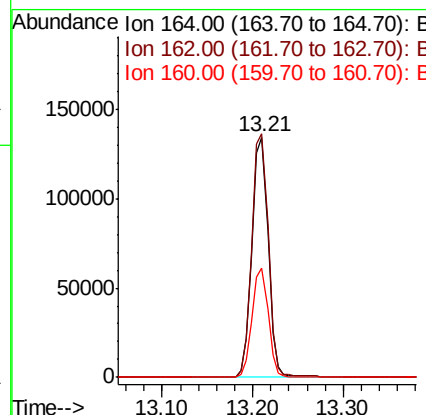
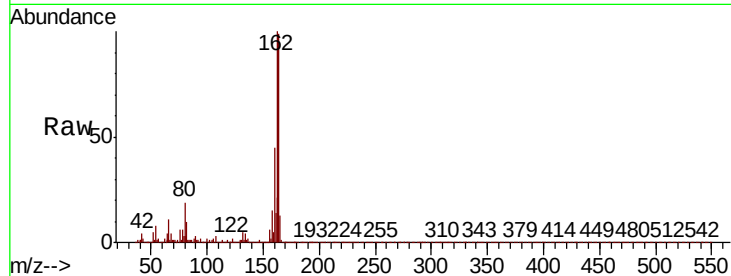




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BP001224.D
Acq: 05 Dec 2019 21:26

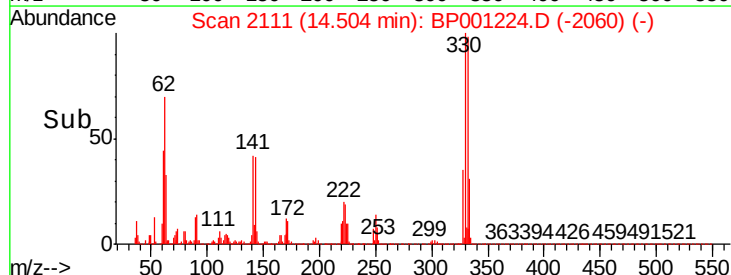
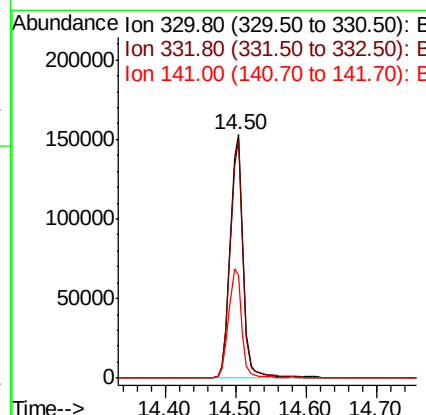
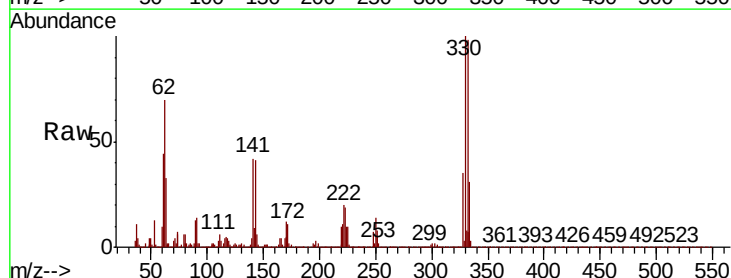
Instrument :
BNA_P
ClientSampleId :

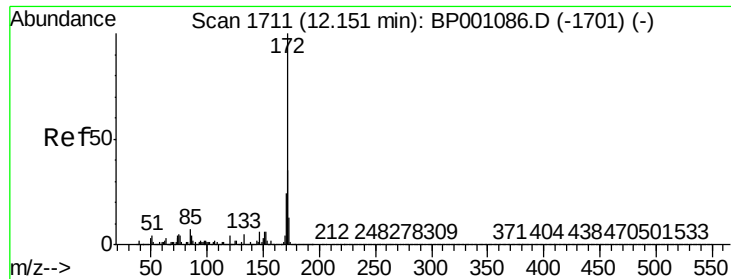
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.7	121.1
160	45.6	36.3	54.5



#42
2,4,6-Tribromophenol
Concen: 123.051 ng
RT: 14.50 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BP001224.D
Acq: 05 Dec 2019 21:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.1	118.7
141	45.5	35.9	53.9

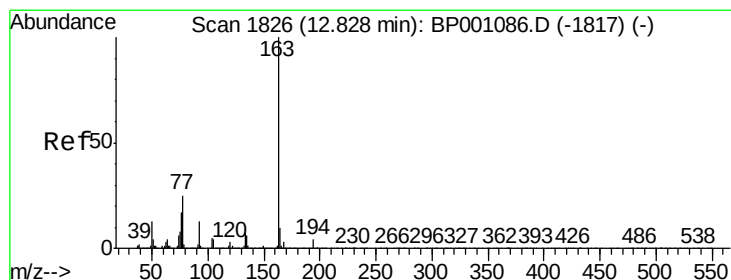
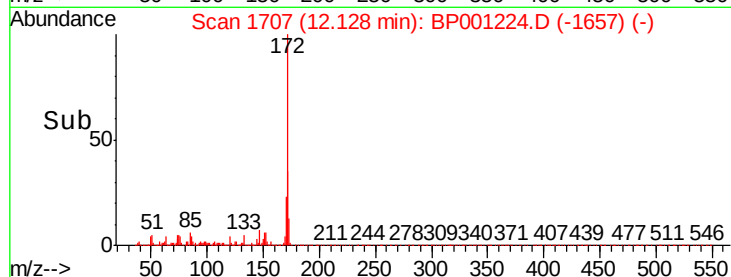
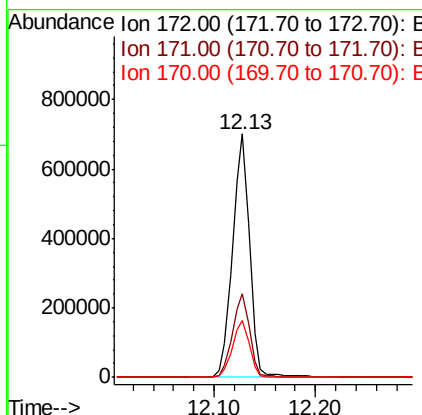
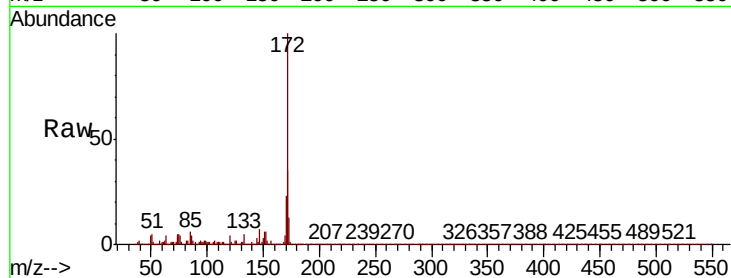




#45
2-Fluorobiphenyl
Concen: 71.875 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001224.D
Acq: 05 Dec 2019 21:26

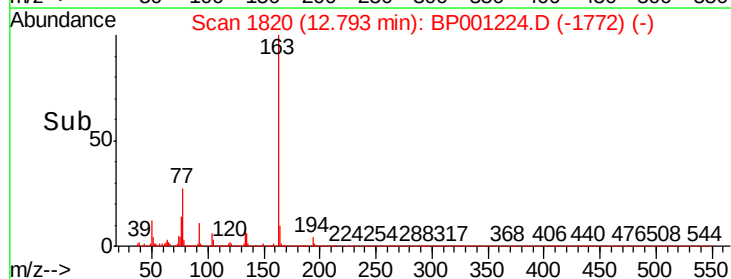
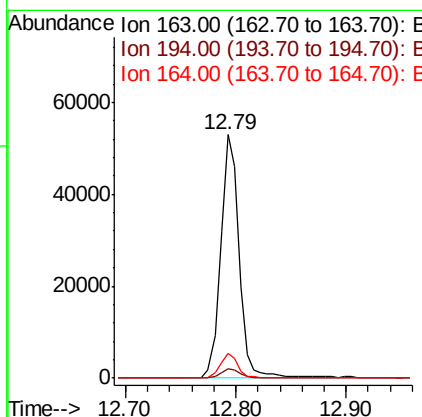
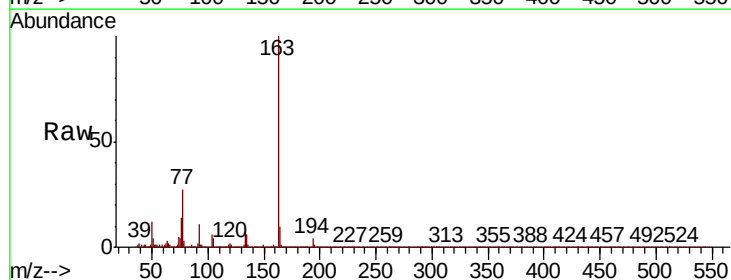
Instrument :
BNA_P
ClientSampled :

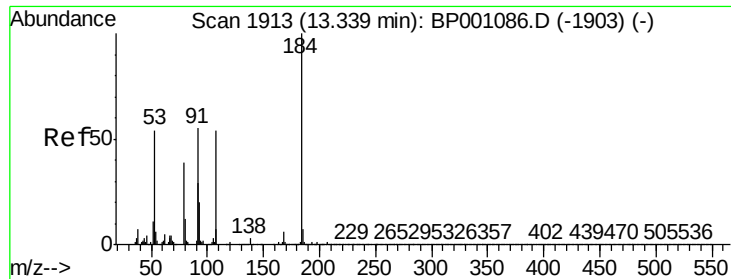
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.7	43.1
170	23.5	19.2	28.8



#50
Dimethylphthalate
Concen: 4.946 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BP001224.D
Acq: 05 Dec 2019 21:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.1	8.2	12.4

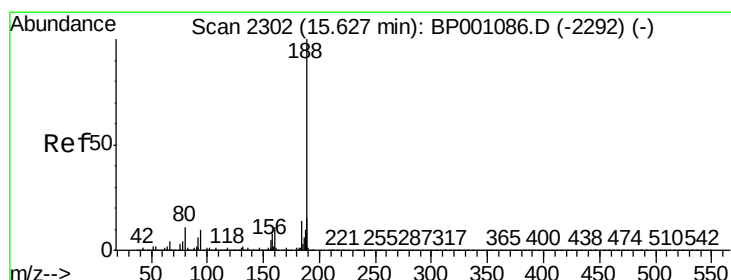
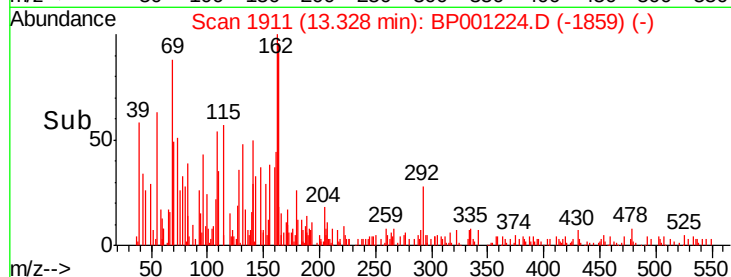
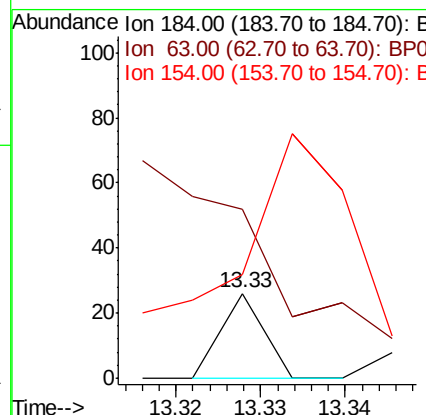
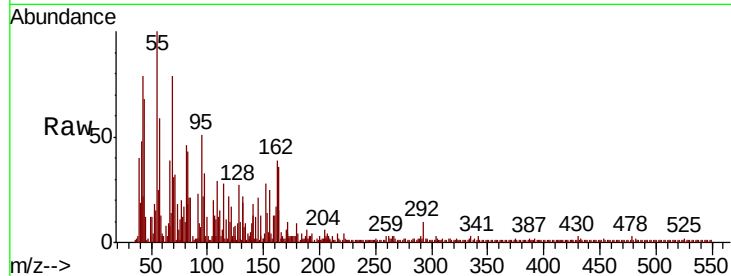




#54
2,4-Dinitrophenol
Concen: 7.117 ng
RT: 13.33 min Scan# 1911
Delta R.T. 0.01 min
Lab File: BP001224.D
Acq: 05 Dec 2019 21:26

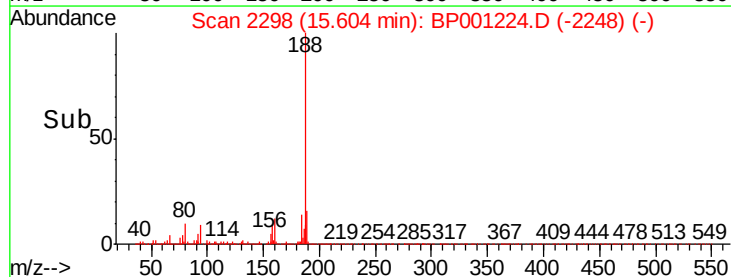
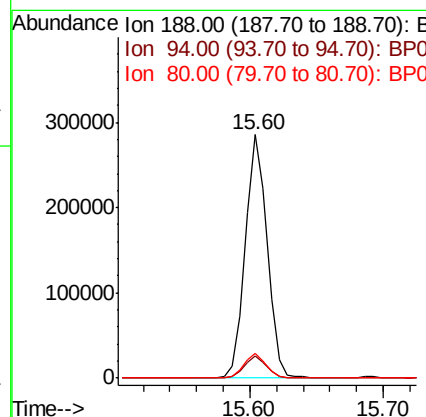
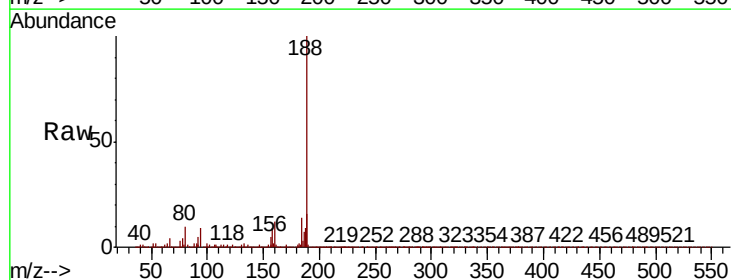
Instrument :
BNA_P
ClientSampled :

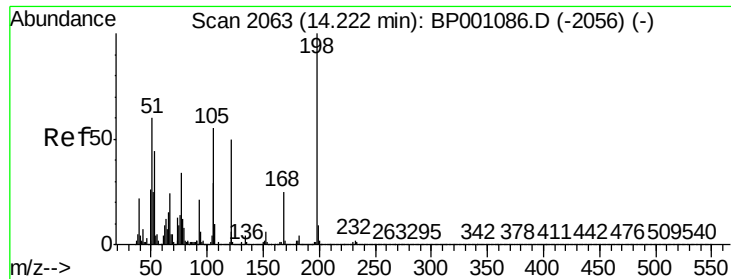
Tot Ion:184 Resp: 9
Ion Ratio Lower Upper
184 100
63 200.0 69.4 104.0#
154 123.1 57.4 86.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001224.D
Acq: 05 Dec 2019 21:26

Tgt Ion:188 Resp: 323717
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 10.3 7.8 11.6

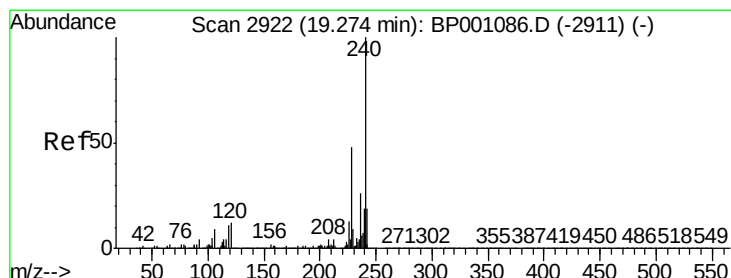
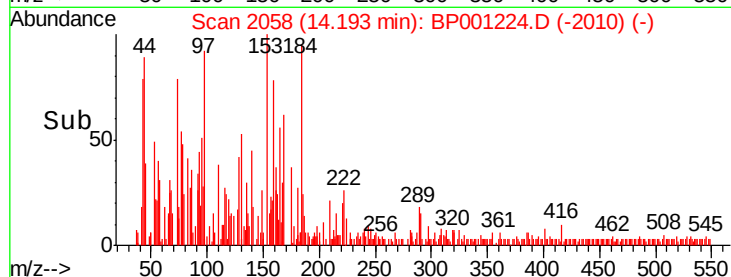
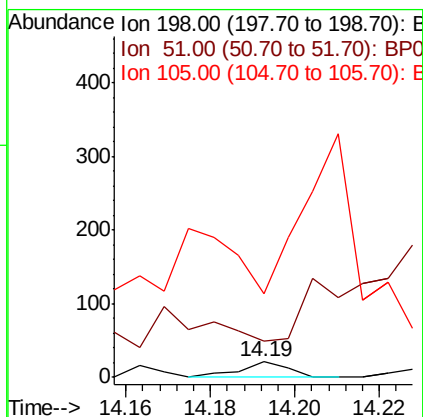
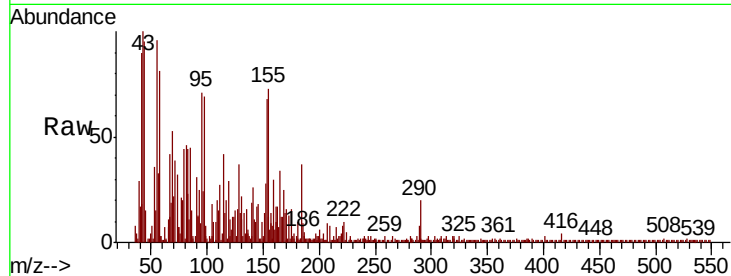




#65
4,6-Dinitro-2-methylphenol
Concen: 6.287 ng
RT: 14.19 min Scan# 2058
Delta R.T. -0.02 min
Lab File: BP001224.D
Acq: 05 Dec 2019 21:26

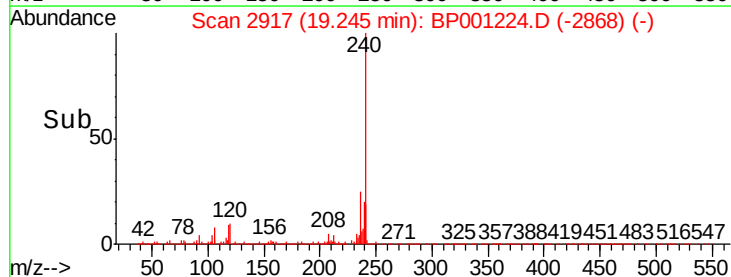
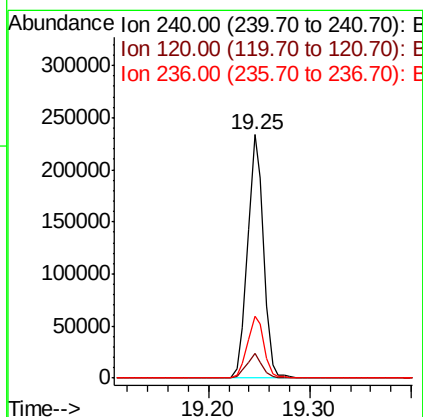
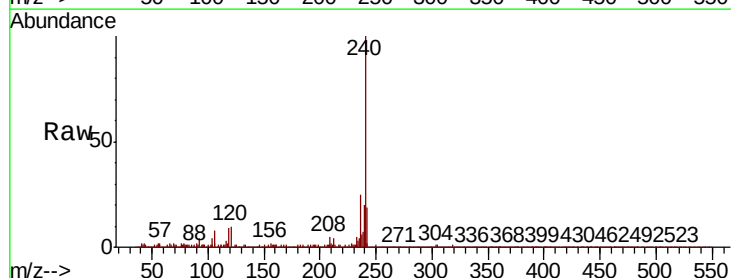
Instrument :
BNA_P
ClientSampled :

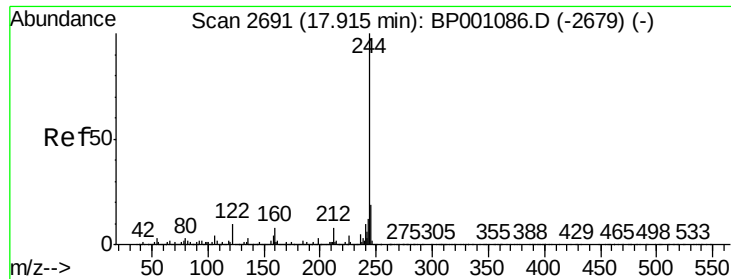
Tot Ion:198 Resp: 17
Ion Ratio Lower Upper
198 100
51 233.3 36.2 76.2#
105 538.1 30.2 70.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001224.D
Acq: 05 Dec 2019 21:26

Tgt Ion:240 Resp: 253600
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.6
236 25.4 21.7 32.5





#79

Terphenyl-d14

Concen: 71.175 ng

RT: 17.89 min Scan# 2687

Delta R.T. 0.00 min

Lab File: BP001224.D

Acq: 05 Dec 2019 21:26

Instrument :

BNA_P

ClientSampled :

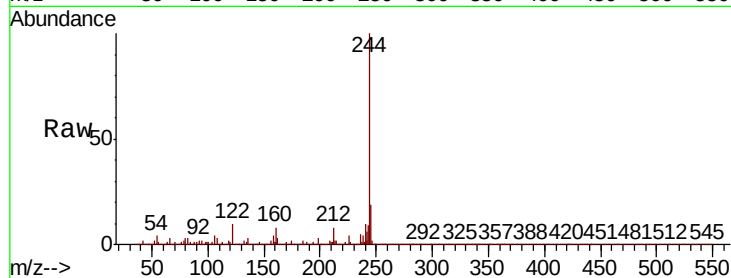
Tot Ion:244 Resp: 975625

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

122 9.8 9.2 13.8

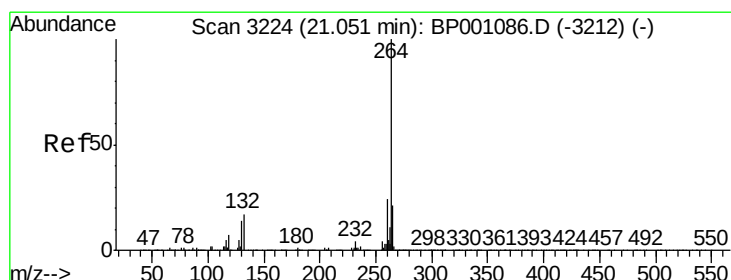
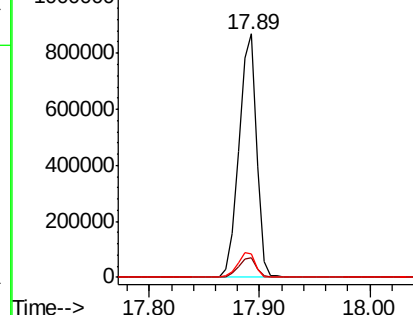
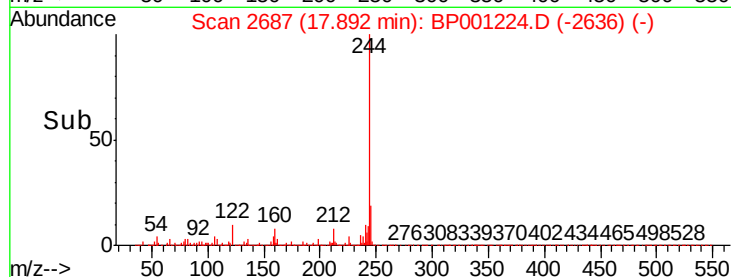


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BP001224.D

Acq: 05 Dec 2019 21:26

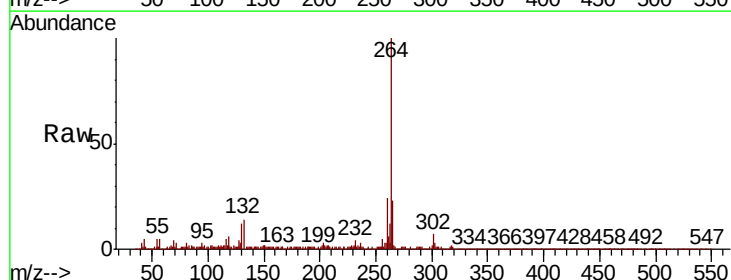
Tgt Ion:264 Resp: 278877

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

265 22.6 17.1 25.7



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

