

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
 Data File : BP000398.D
 Acq On : 24 Sep 2019 21:26
 Operator : JU
 Sample : K4997-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-10-091919

Quant Time: Sep 25 01:17:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	232752	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	841342	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	468032	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	883240	20.00	ng	0.00
76) Chrysene-d12	13.99	240	782035	20.00	ng	-0.01
87) Perylene-d12	15.47	264	836123	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1651332	122.48	ng	0.01
7) Phenol-d6	6.43	99	2073061	125.44	ng	0.00
23) Nitrobenzene-d5	7.35	82	1200616	92.07	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	679080	146.28	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2543030	97.79	ng	0.00
79) Terphenyl-d14	12.93	244	3294794	88.38	ng	0.00

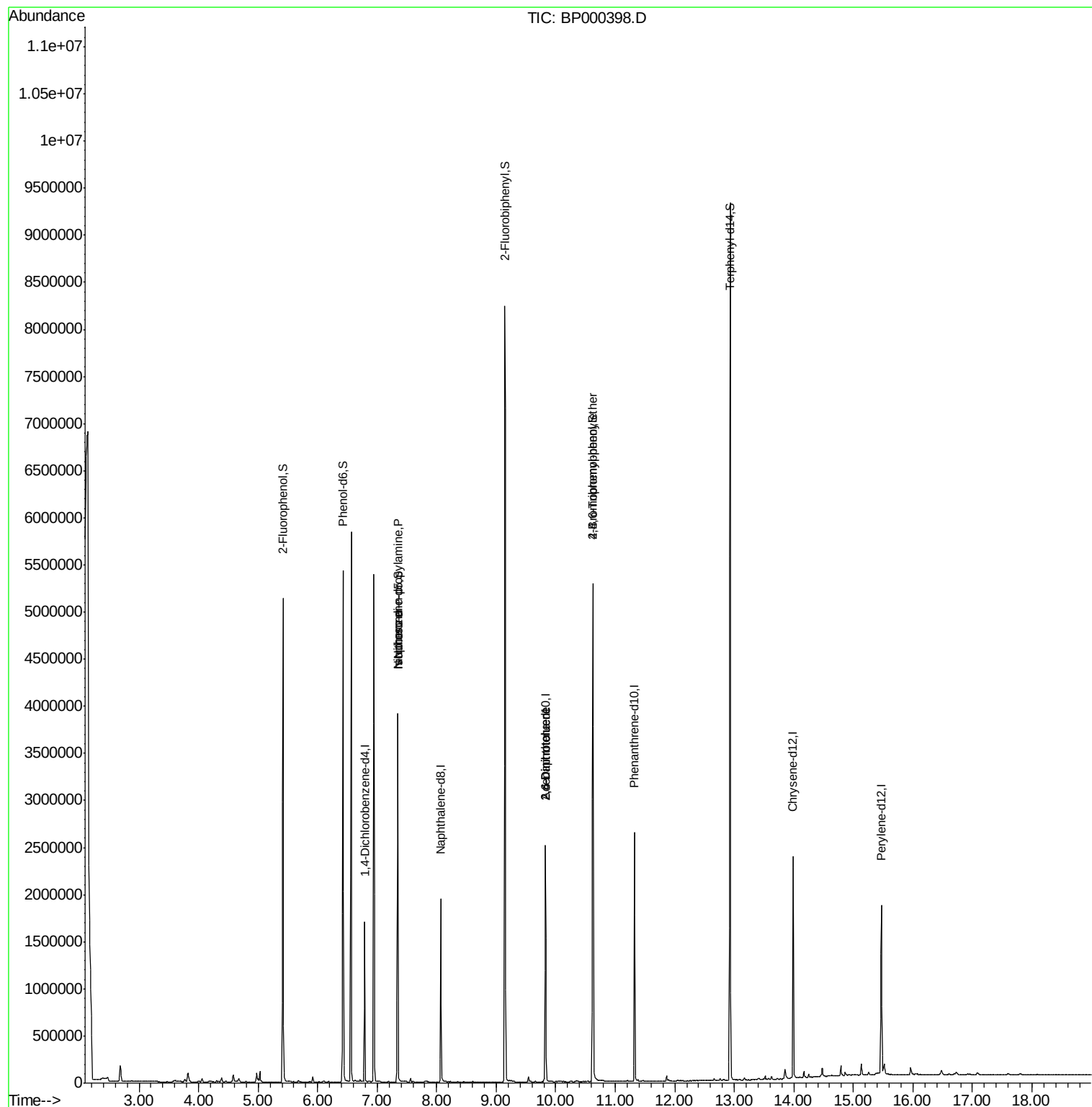
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	3076	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.35	70	147251	16.852	ng	# 75
25) Isophorone	7.35	82	1200807	46.505	ng	# 63
51) 2,6-Dinitrotoluene	9.83	165	61335	8.748	ng	# 30
57) 2,4-Dinitrotoluene	9.83	165	61430	6.702	ng	# 35
67) 4-Bromophenyl-phenylether	10.62	248	47641	4.770	ng	# 1
69) Atrazine	11.07	200	91	Below Cal		72

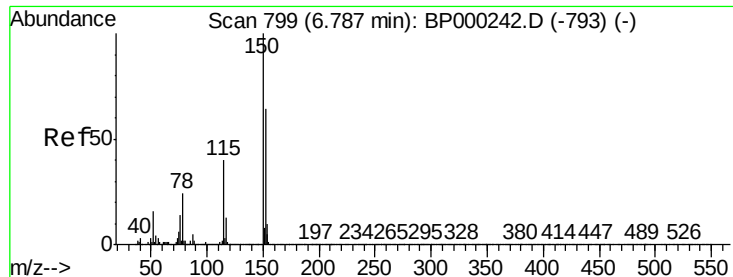
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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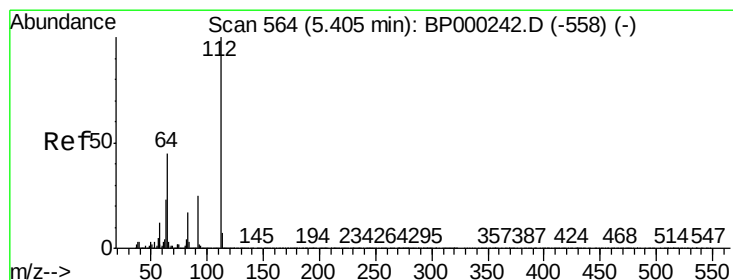
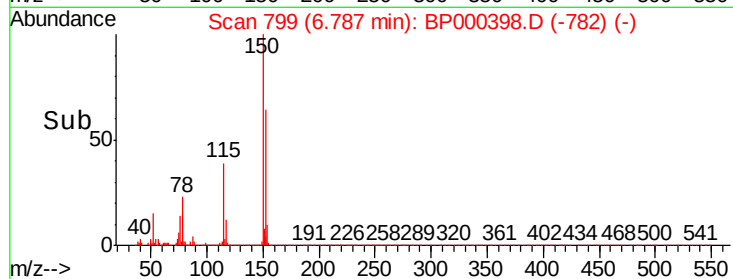
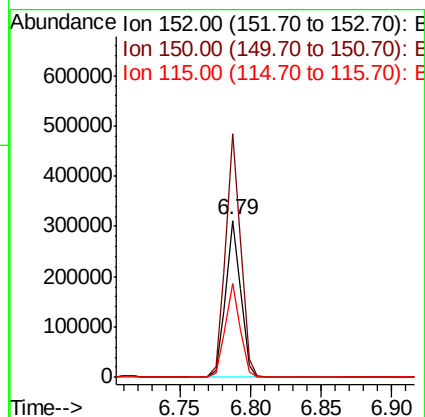
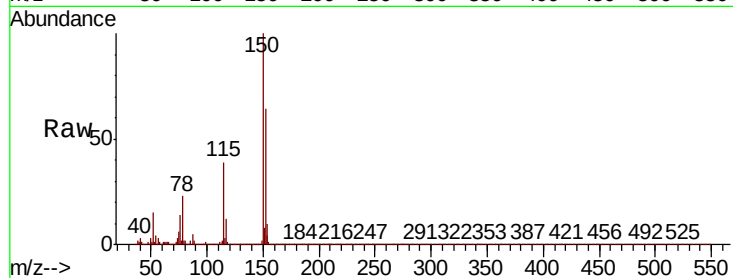


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BP000398.D
 Acq: 24 Sep 2019 21:26

Instrument :
 BNA_P
 ClientSampleId :
 WC-10-091919

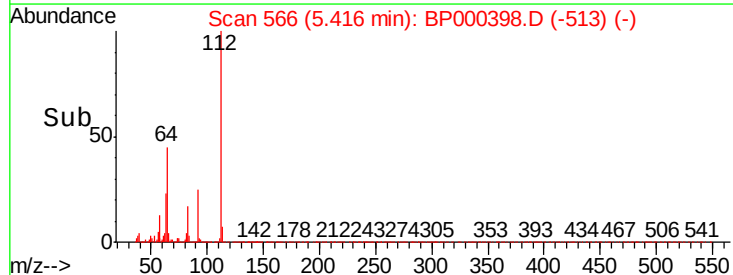
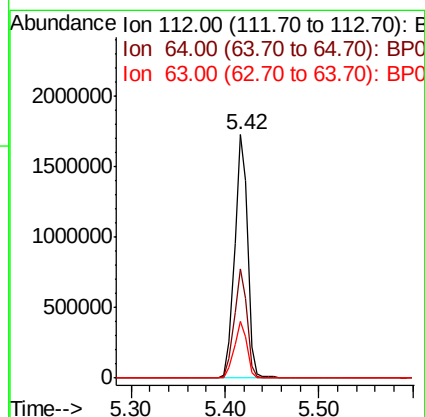
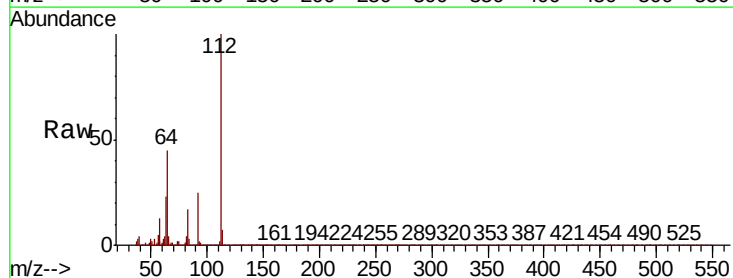
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.2	187.8
115	59.9	49.7	74.5

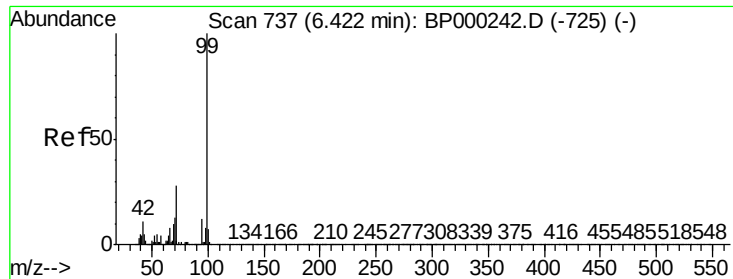


#5

2-Fluorophenol
 Concen: 122.481 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BP000398.D
 Acq: 24 Sep 2019 21:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.9	36.2	54.4
63	23.2	18.3	27.5





#7

Phenol-d6

Concen: 125.439 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000398.D

Acq: 24 Sep 2019 21:26

Instrument :

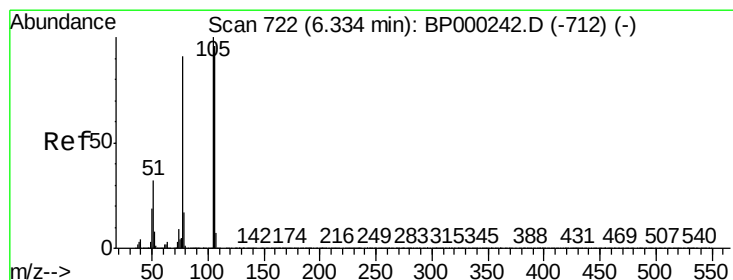
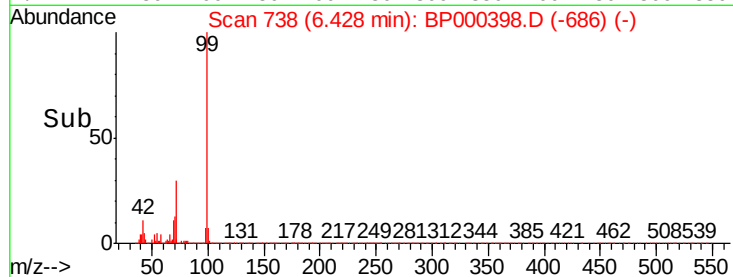
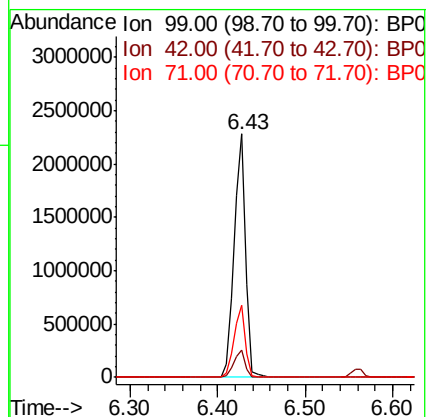
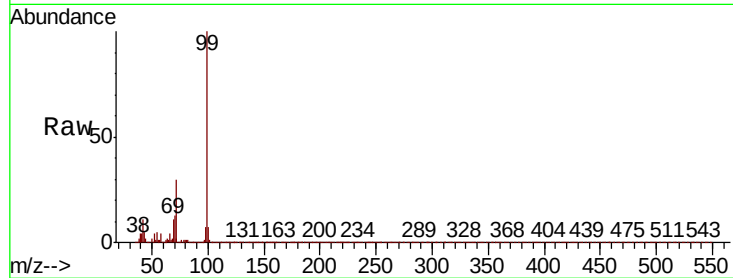
BNA_P

ClientSampleId :

WC-10-091919

Tot Ion: 99 Resp: 2073061

Ion	Ratio	Lower	Upper
99	100		
42	11.0	8.5	12.7
71	29.7	22.6	34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.43 min Scan# 738

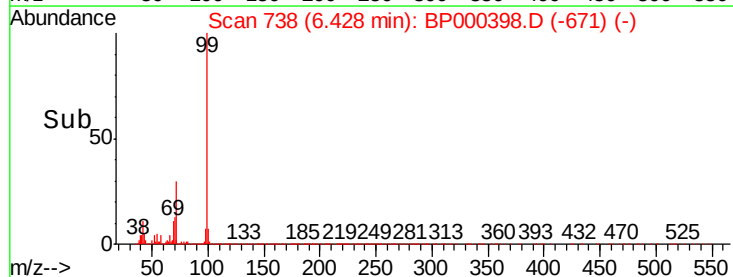
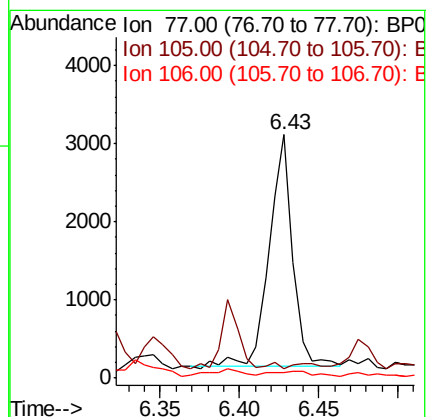
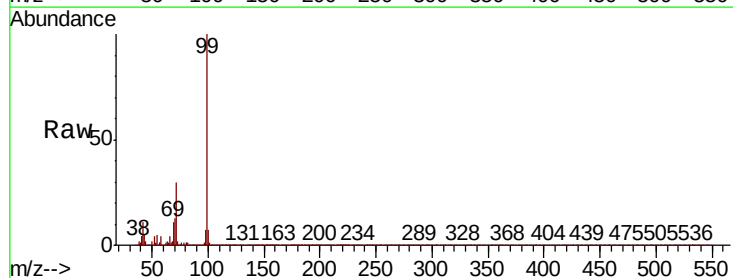
Delta R.T. 0.09 min

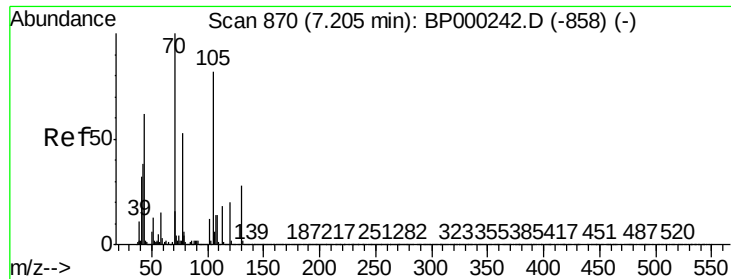
Lab File: BP000398.D

Acq: 24 Sep 2019 21:26

Tgt Ion: 77 Resp: 3076

Ion	Ratio	Lower	Upper
77	100		
105	3.6	89.6	129.6#
106	2.3	84.6	124.6#

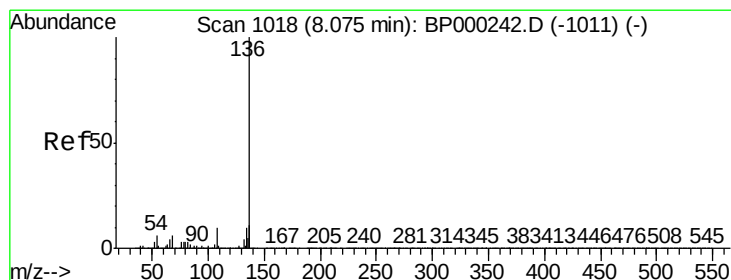
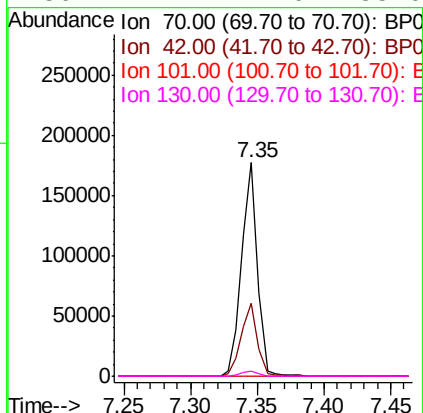
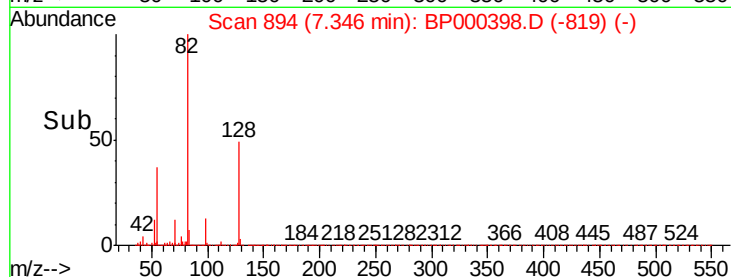
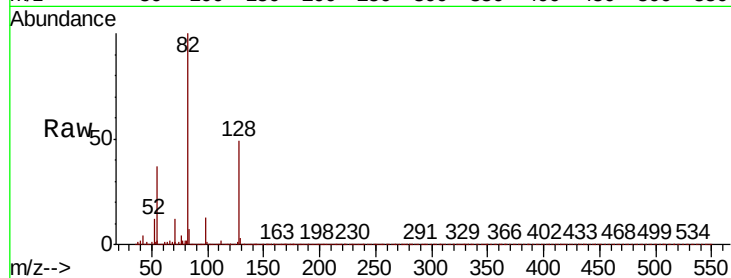




#19
n-Nitroso-di-n-propylamine
Concen: 16.852 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000398.D
Acq: 24 Sep 2019 21:26

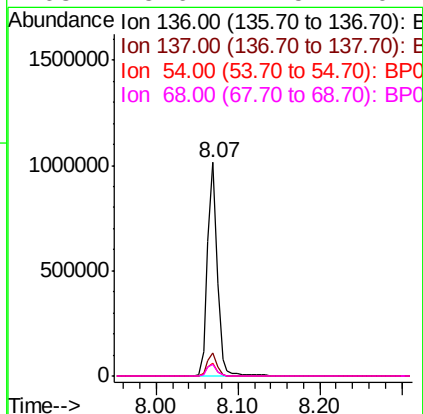
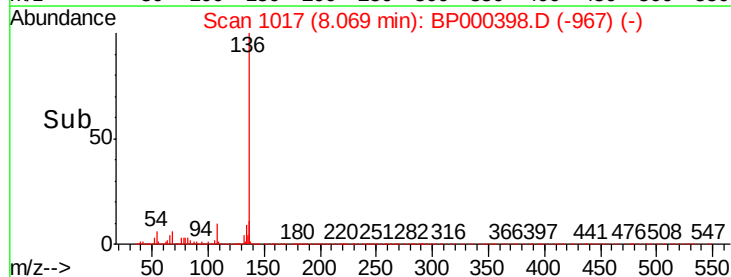
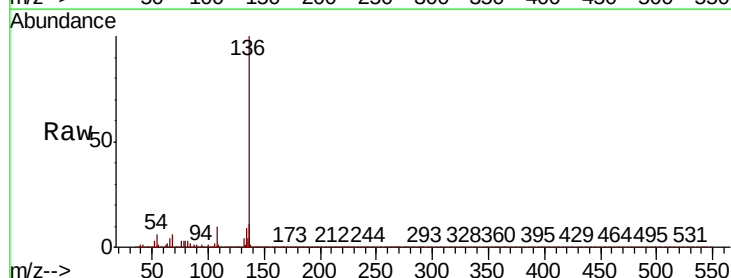
Instrument :
BNA_P
ClientSampleId :
WC-10-091919

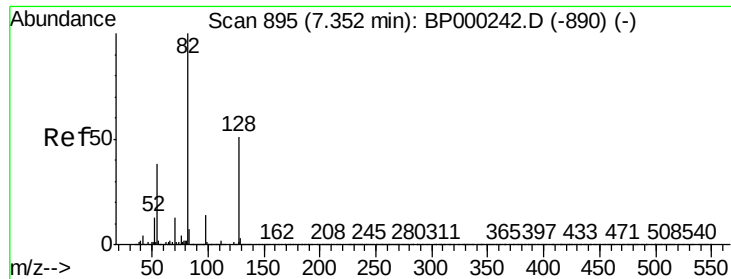
Tot Ion:	70	Resp:	147251
Ion	Ratio	Lower	Upper
70	100		
42	34.1	30.7	46.1
101	0.0	9.6	14.4#
130	2.7	22.0	33.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000398.D
Acq: 24 Sep 2019 21:26

Tgt Ion:	136	Resp:	841342
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.8	4.5	6.7
68	5.6	4.5	6.7

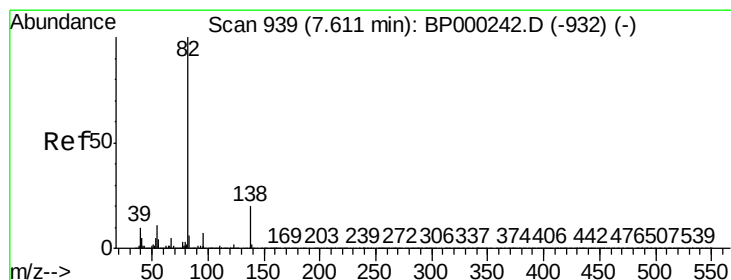
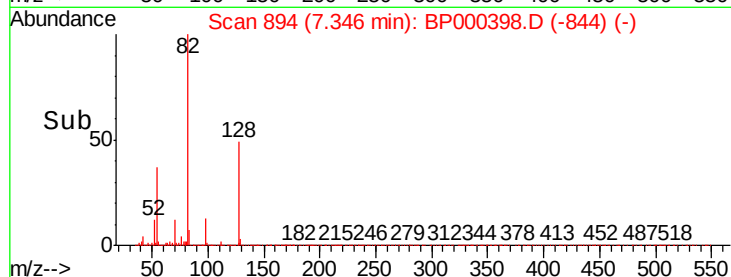
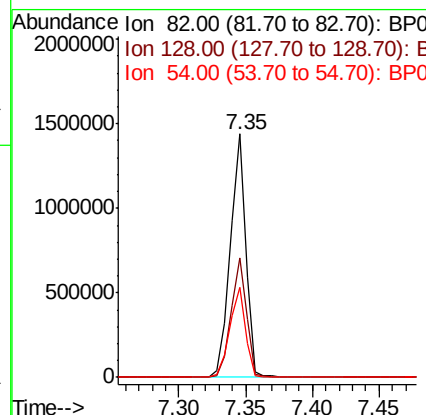
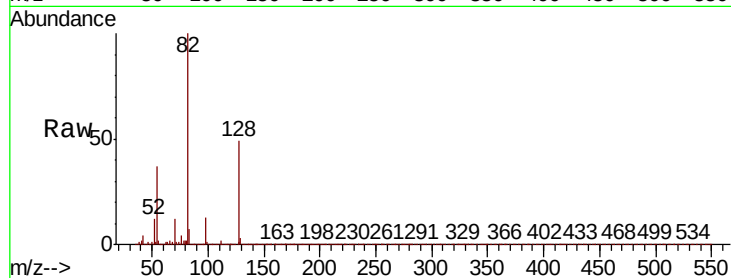




#23
Nitrobenzene-d5
Concen: 92.071 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000398.D
Acq: 24 Sep 2019 21:26

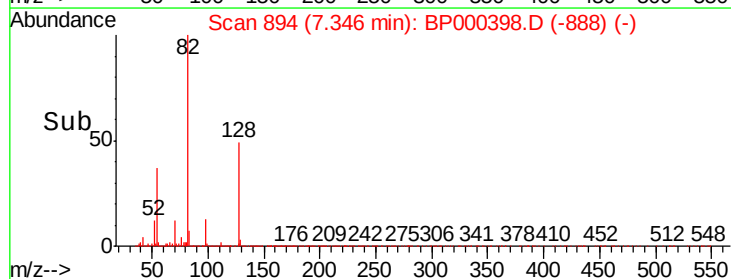
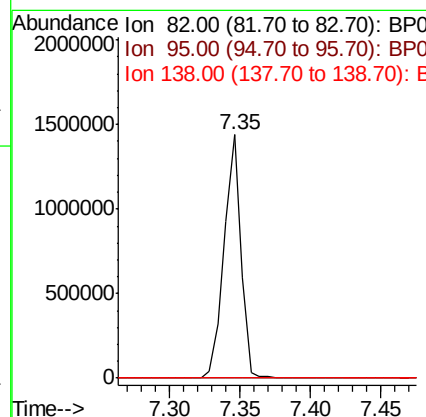
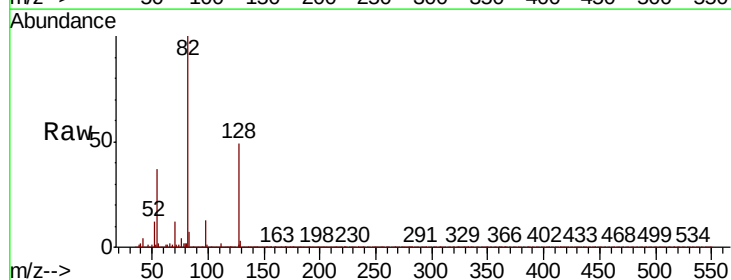
Instrument :
BNA_P
ClientSampleId :
WC-10-091919

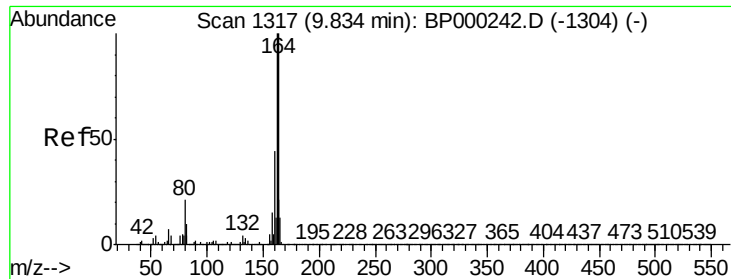
Tot Ion: 82 Resp: 1200616
Ion Ratio Lower Upper
82 100
128 49.0 40.7 61.1
54 36.8 30.1 45.1



#25
Isophorone
Concen: 46.505 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000398.D
Acq: 24 Sep 2019 21:26

Tgt Ion: 82 Resp: 1200807
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.9 23.9#

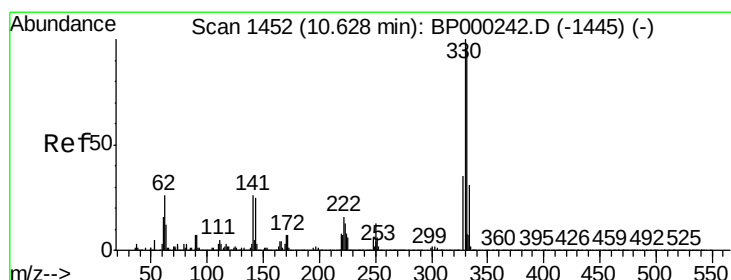
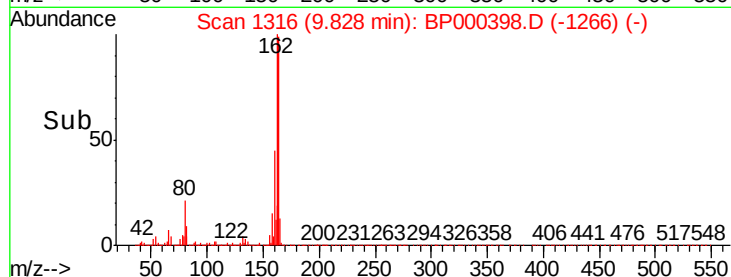
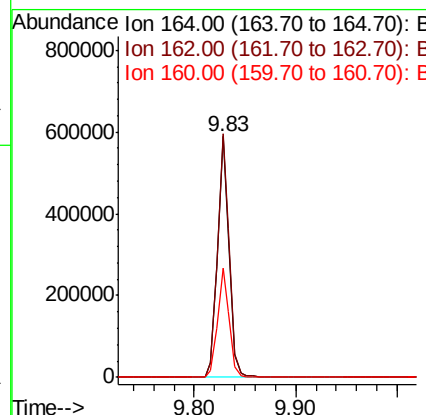
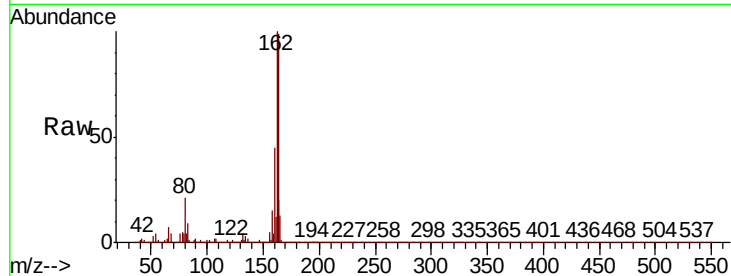




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BP000398.D
 Acq: 24 Sep 2019 21:26

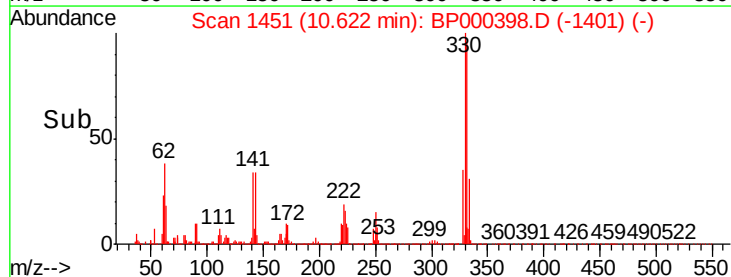
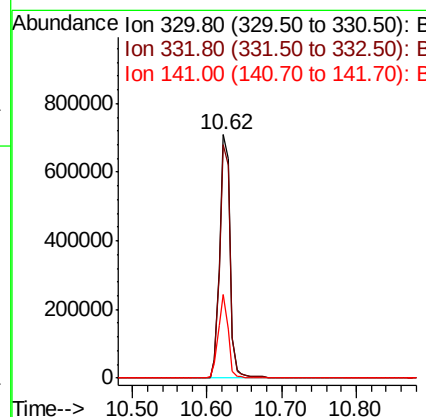
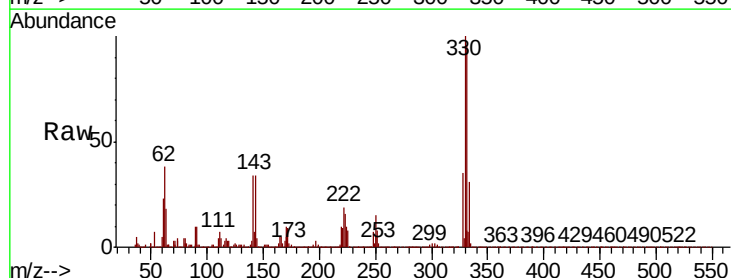
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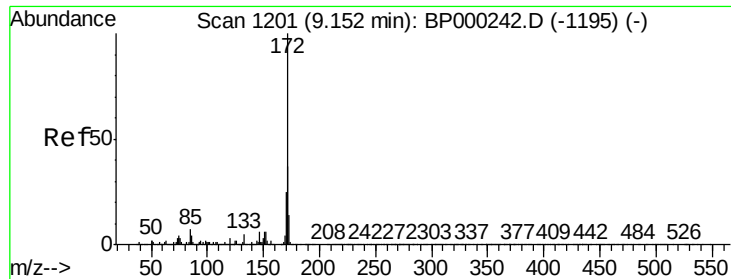
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.9	119.9
160	45.1	35.6	53.4



#42
 2,4,6-Tribromophenol
 Concen: 146.283 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BP000398.D
 Acq: 24 Sep 2019 21:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	32.8	26.5	39.7

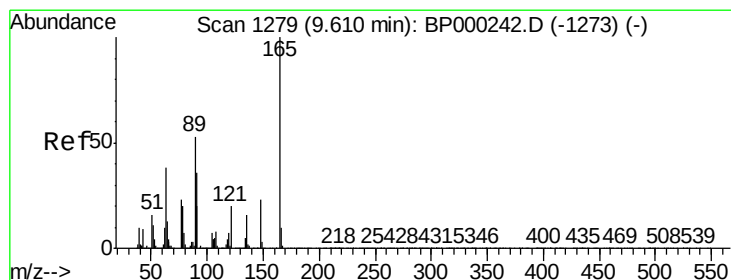
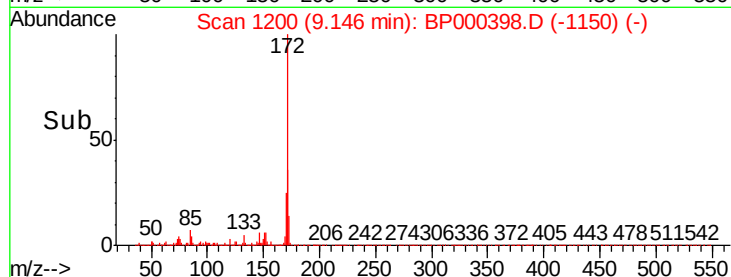
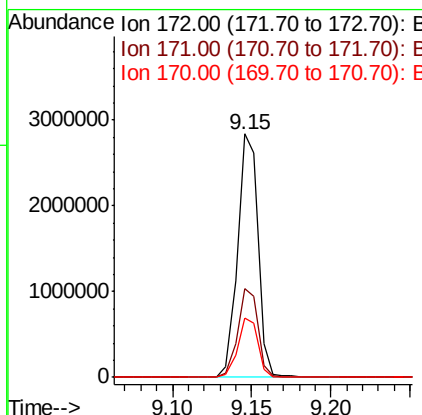
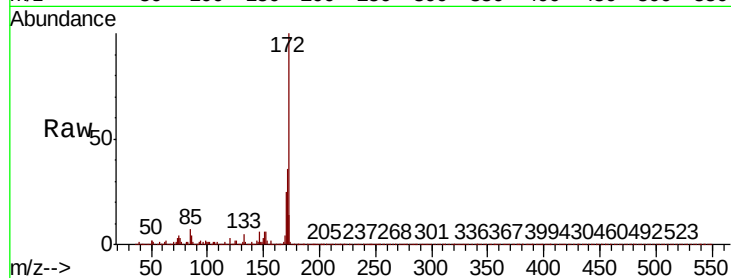




#45
2-Fluorobiphenyl
Concen: 97.792 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000398.D
Acq: 24 Sep 2019 21:26

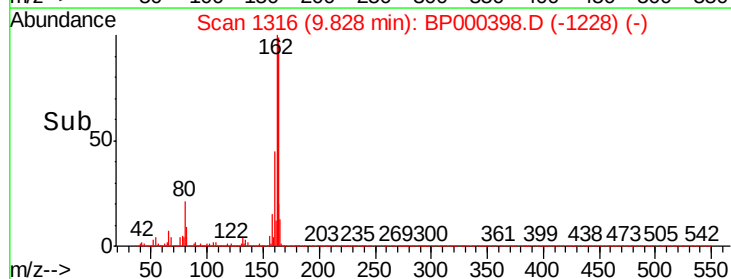
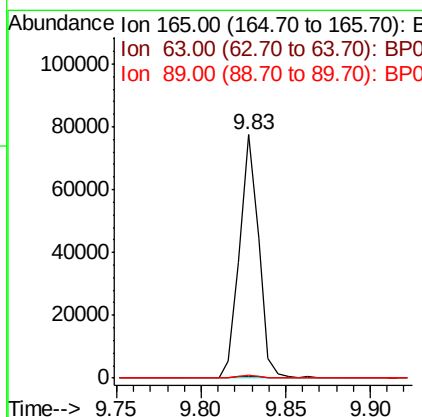
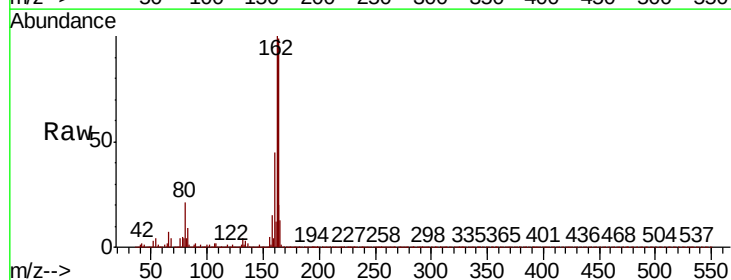
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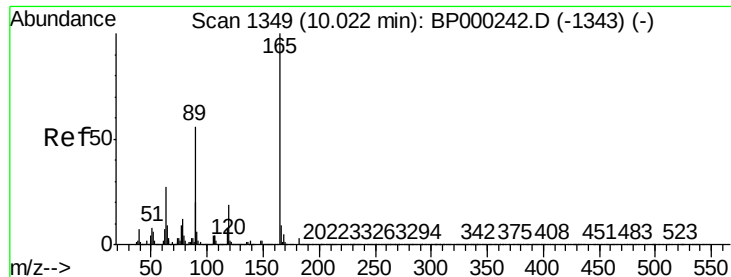
Tot Ion:172 Resp: 2543030
Ion Ratio Lower Upper
172 100
171 36.5 29.8 44.6
170 24.5 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.748 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.22 min
Lab File: BP000398.D
Acq: 24 Sep 2019 21:26

Tgt Ion:165 Resp: 61335
Ion Ratio Lower Upper
165 100
63 1.0 35.8 53.8#
89 1.4 42.6 63.8#

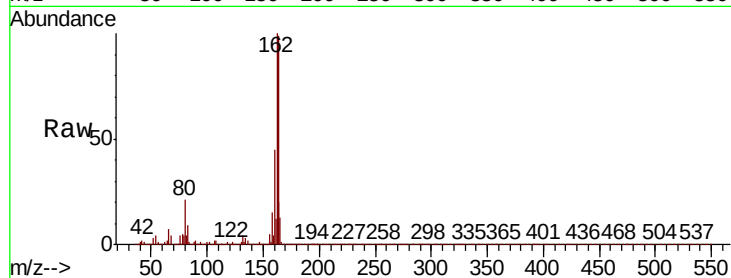




#57
 2,4-Dinitrotoluene
 Concen: 6.702 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BP000398.D
 Acq: 24 Sep 2019 21:26

Instrument :
 BNA_P
 ClientSampleId :
 WC-10-091919

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	21.7	32.5#
89	1.4	45.0	67.6#
182	0.0	2.4	3.6#



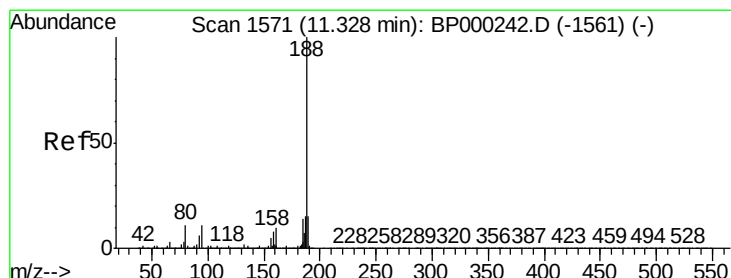
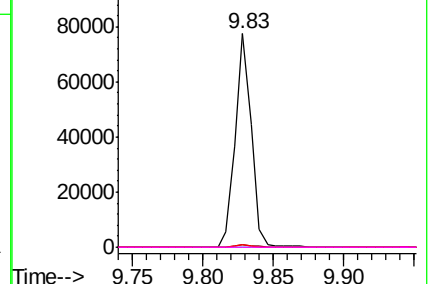
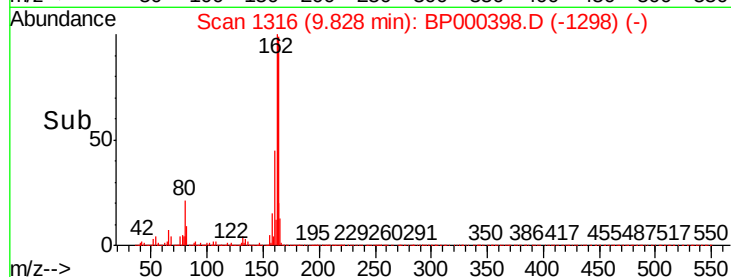
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

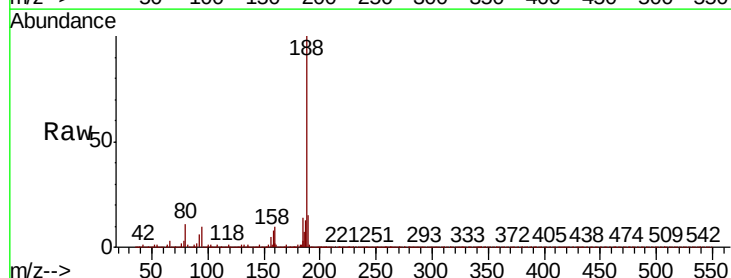
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BP000398.D
 Acq: 24 Sep 2019 21:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.8	8.6	13.0

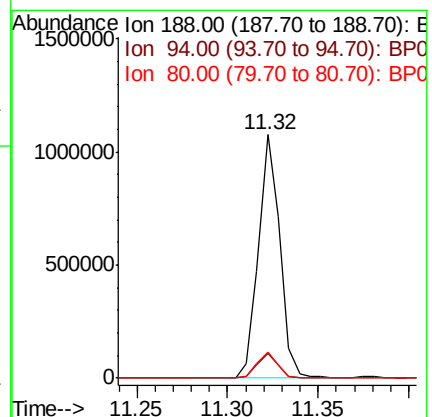
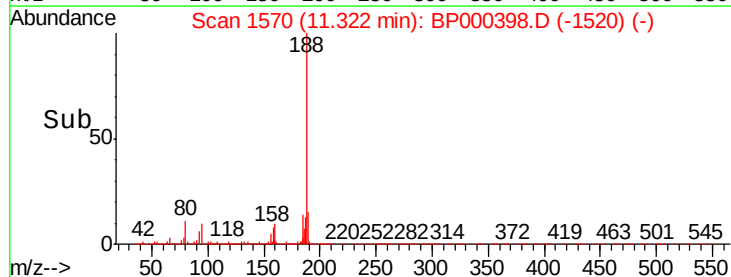


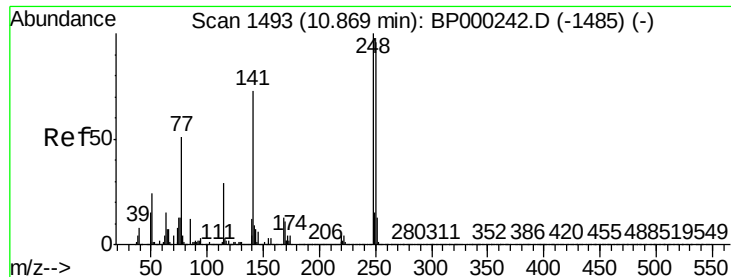
Abundance

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: 4.770 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BP000398.D

Acq: 24 Sep 2019 21:26

Instrument :

BNA_P

ClientSampleId :

WC-10-091919

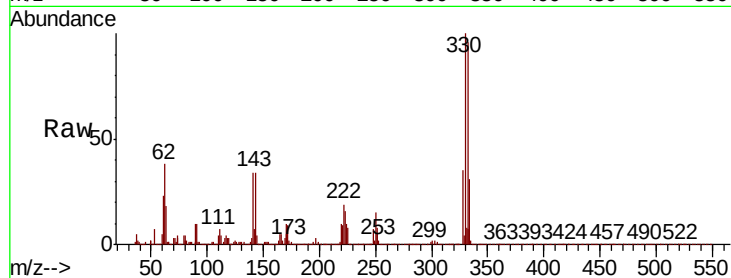
Tot Ion:248 Resp: 47641

Ion Ratio Lower Upper

248 100

250 200.5 77.0 115.4#

141 466.2 58.5 87.7#

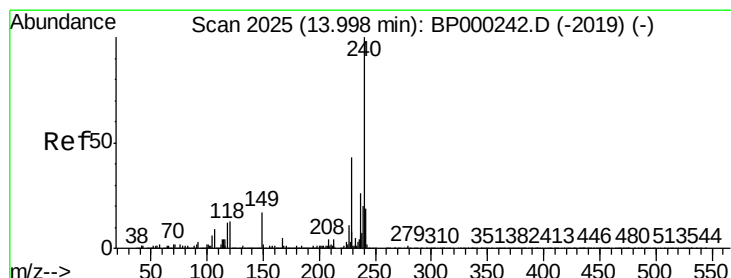
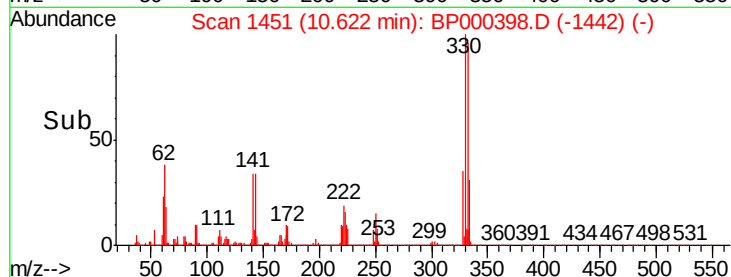
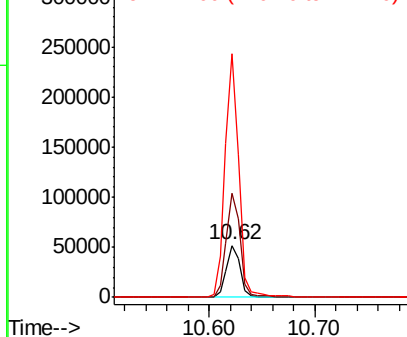


Abundance

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: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BP000398.D

Acq: 24 Sep 2019 21:26

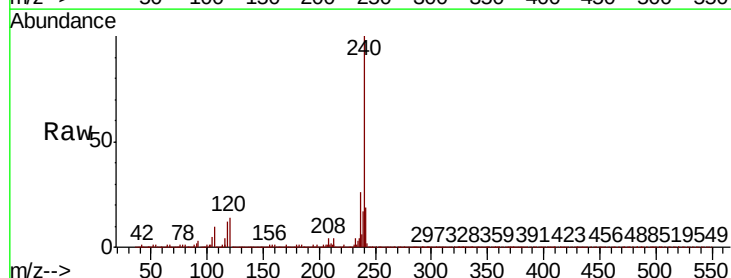
Tgt Ion:240 Resp: 782035

Ion Ratio Lower Upper

240 100

120 13.6 10.4 15.6

236 26.3 21.0 31.6

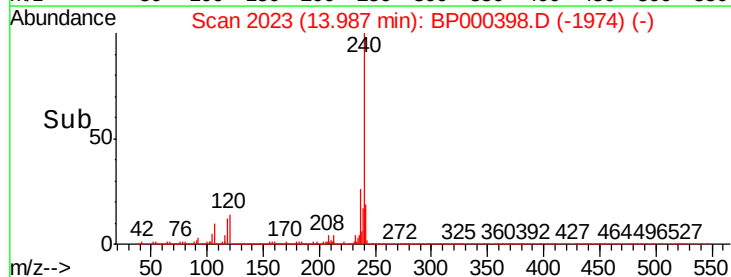
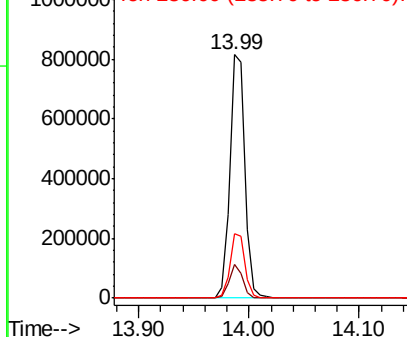


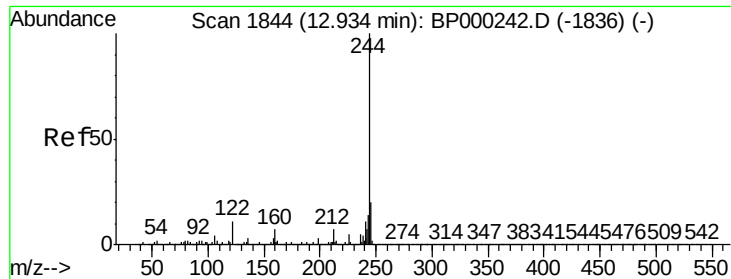
Abundance

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: 88.384 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000398.D

Acq: 24 Sep 2019 21:26

Instrument :

BNA_P

ClientSampleId :

WC-10-091919

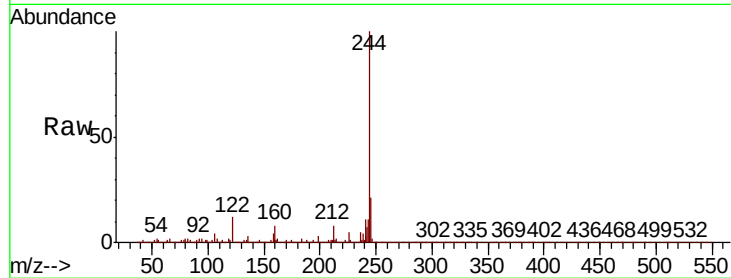
Tot Ion:244 Resp: 3294794

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

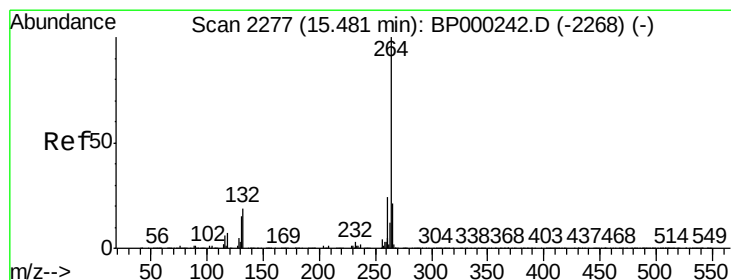
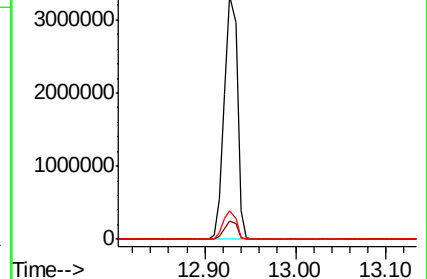
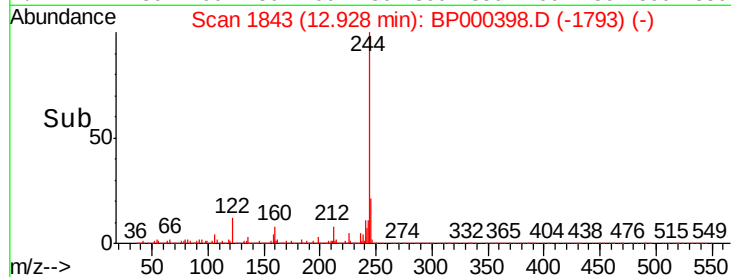
122 11.9 9.0 13.4



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BP000398.D

Acq: 24 Sep 2019 21:26

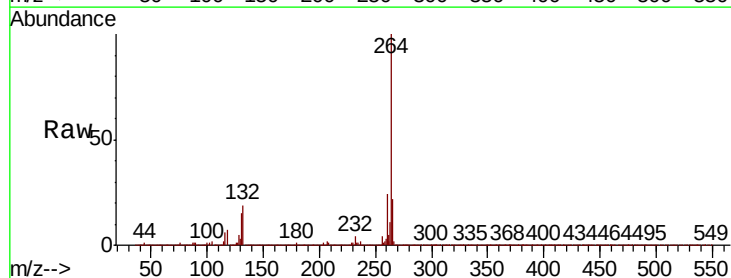
Tgt Ion:264 Resp: 836123

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.6 17.2 25.8



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

