

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 02:28:13 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						
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

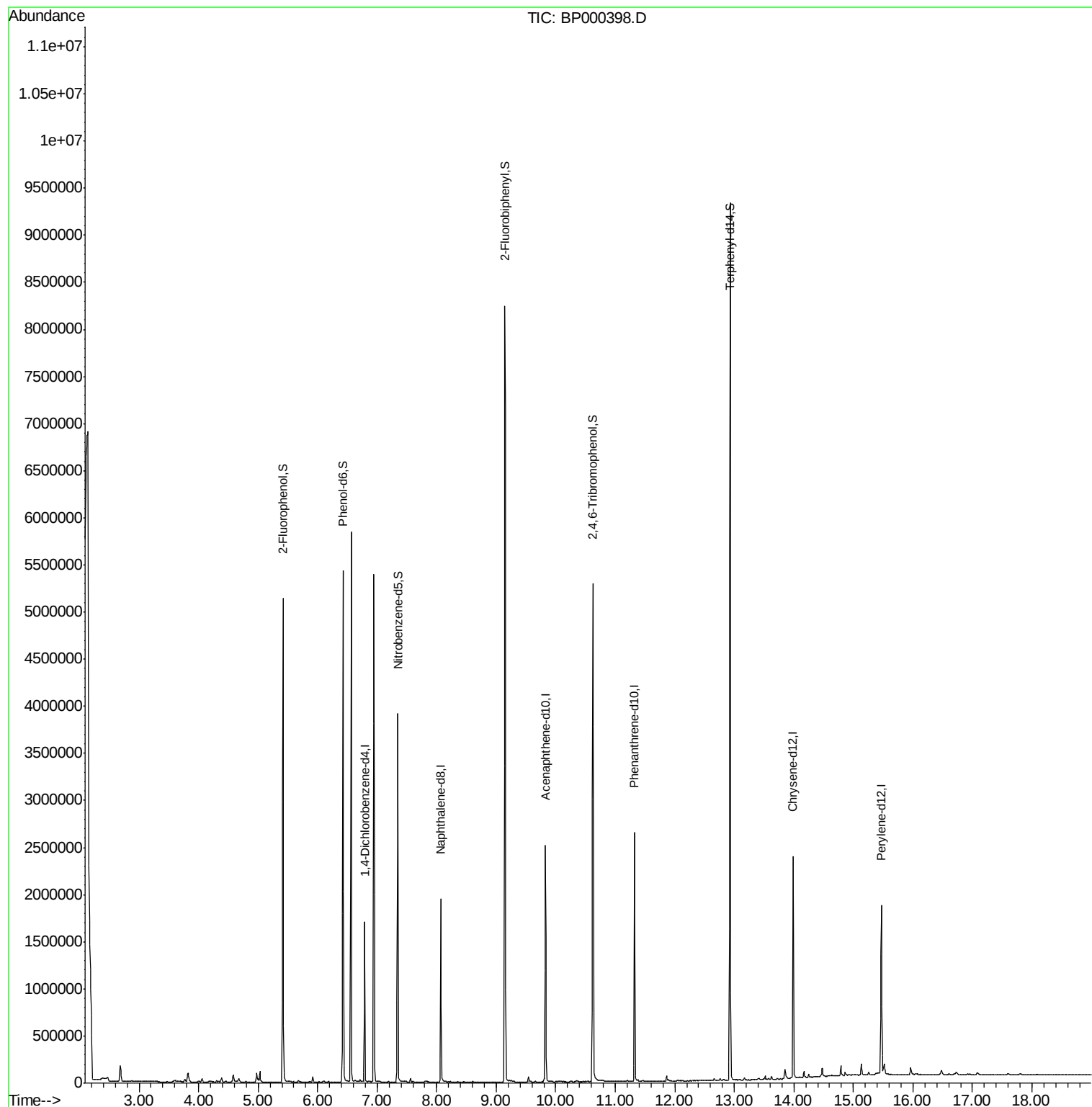
Target Compounds Qvalue

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

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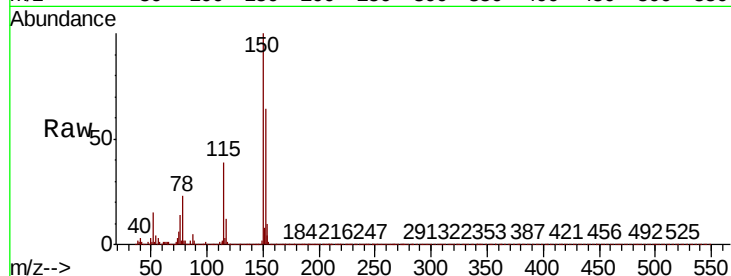


#1

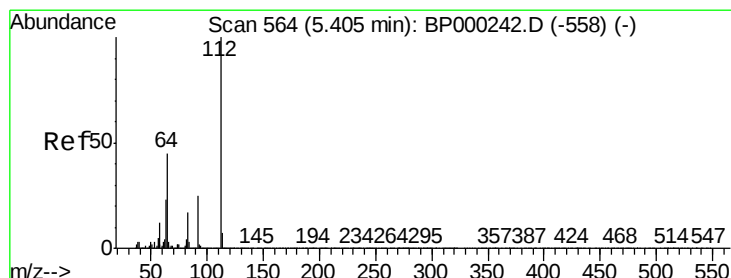
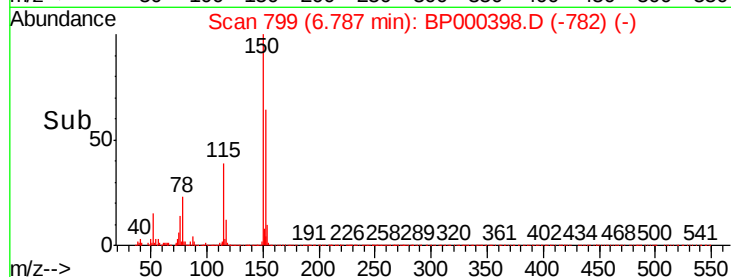
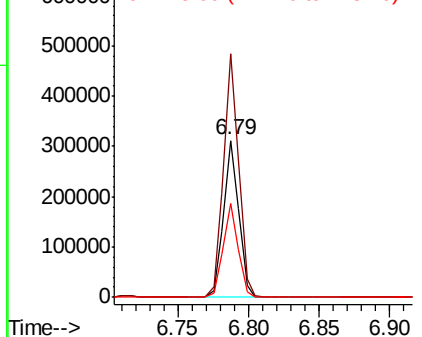
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000398.D
Acq: 24 Sep 2019 21:26

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



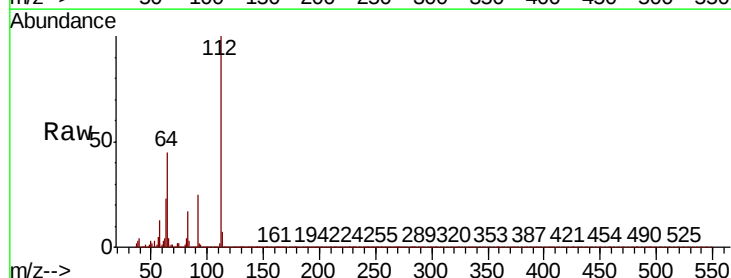
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



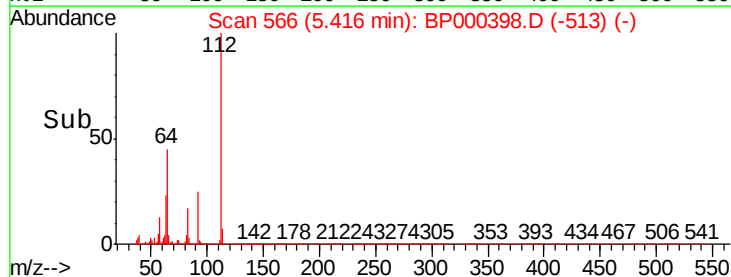
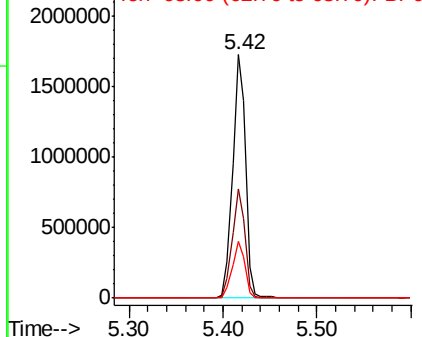
#5

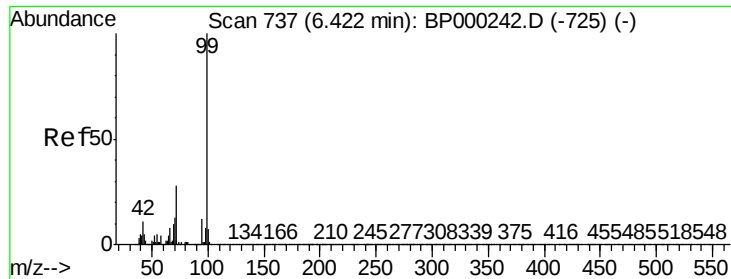
2-Fluorophenol
Concen: 122.481 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000398.D
Acq: 24 Sep 2019 21:26

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



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: 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 :

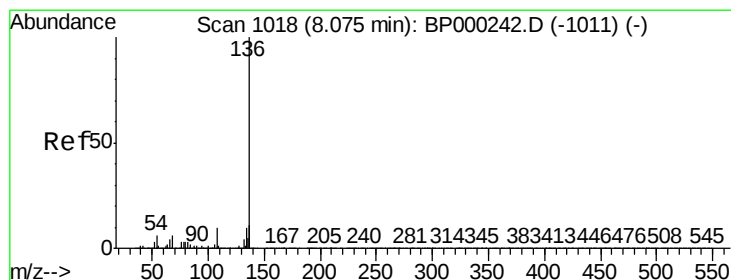
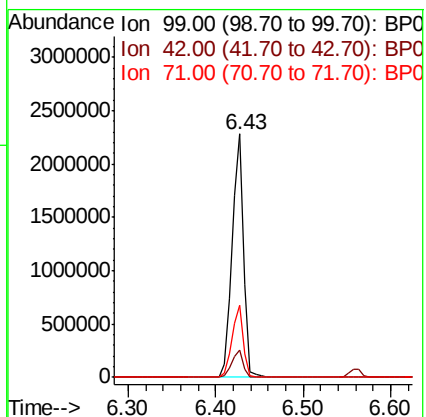
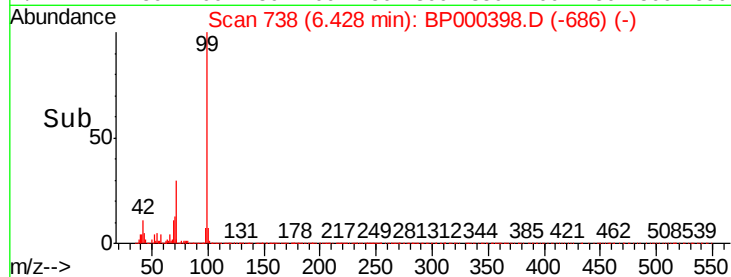
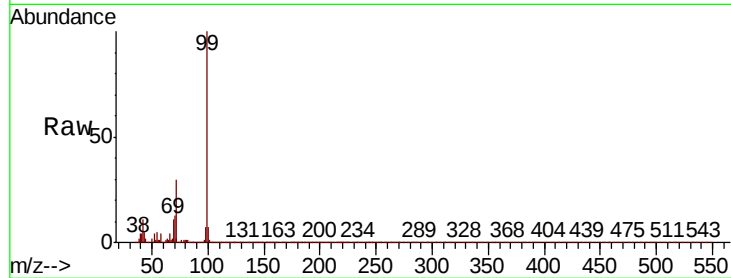
BNA_P

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

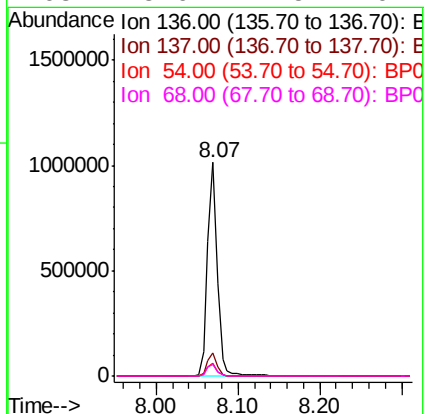
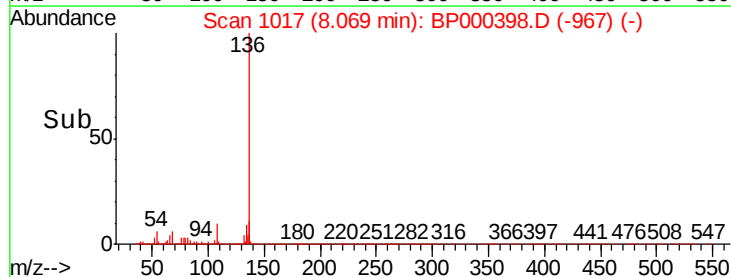
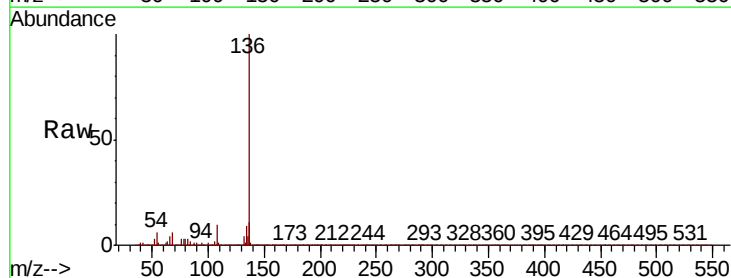
Delta R.T. -0.01 min

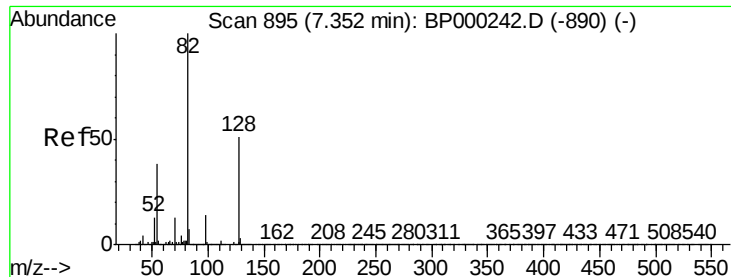
Lab File: BP000398.D

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



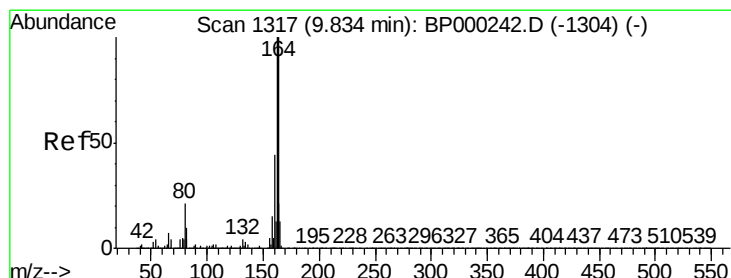
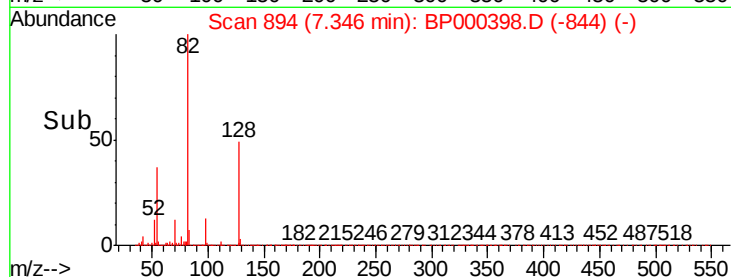
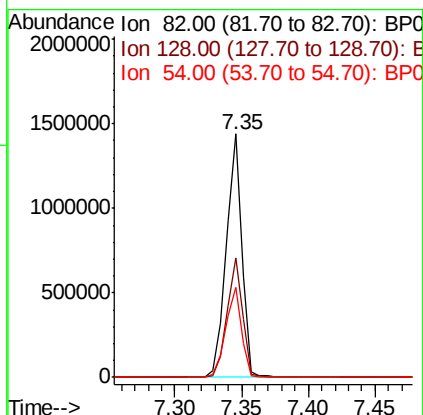
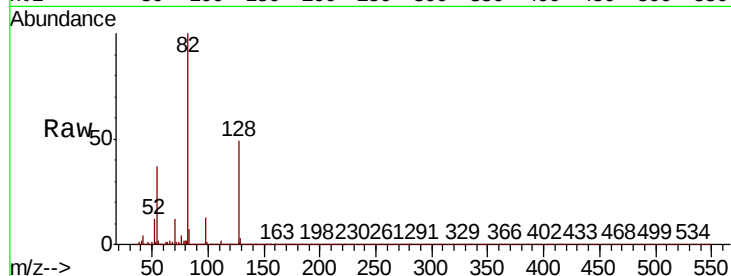


#23
 Nitrobenzene-d5
 Concen: 92.071 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BP000398.D
 Acq: 24 Sep 2019 21:26

Instrument :
 BNA_P
 ClientSampleId :
 WC-10-091919

Tot Ion: 82 Resp: 1200616

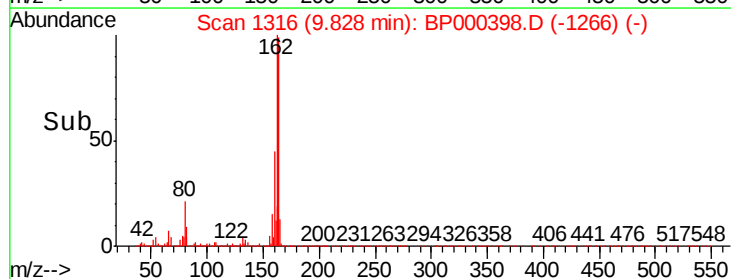
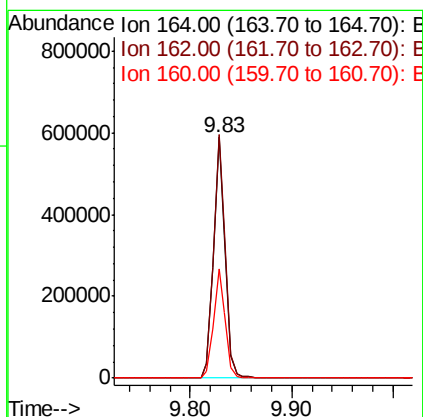
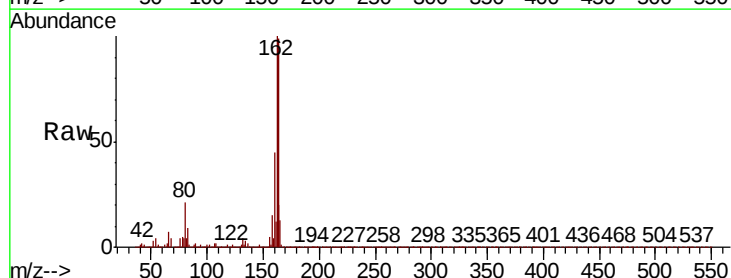
Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.7	61.1
54	36.8	30.1	45.1

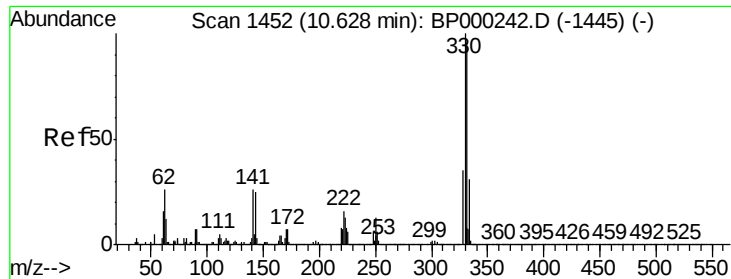


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BP000398.D
 Acq: 24 Sep 2019 21:26

Tgt Ion: 164 Resp: 468032

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

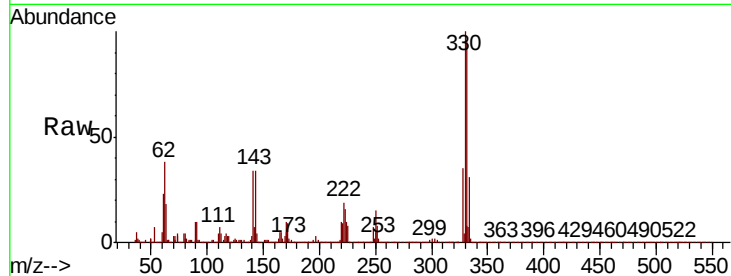




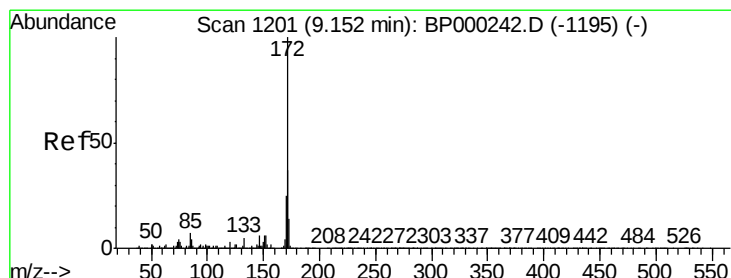
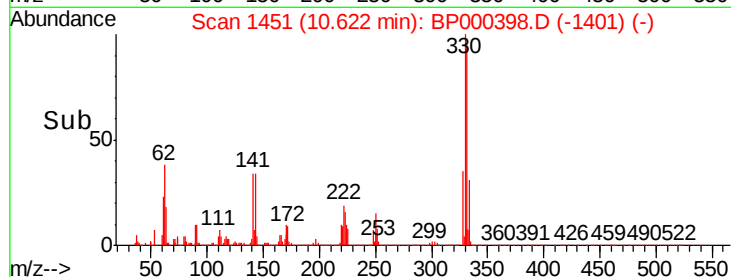
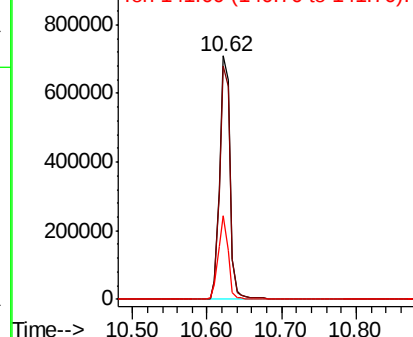
#42
2,4,6-Tribromophenol
Concen: 146.283 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000398.D
Acq: 24 Sep 2019 21:26

Instrument :
BNA_P
ClientSampleId :
WC-10-091919

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

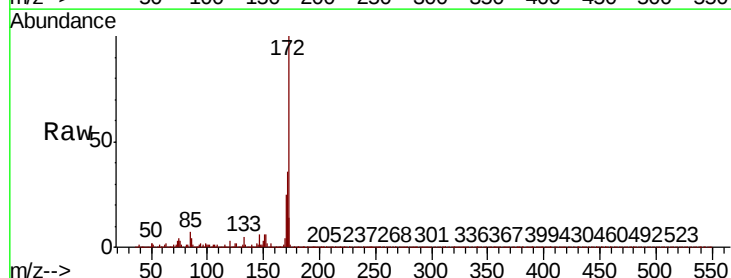


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

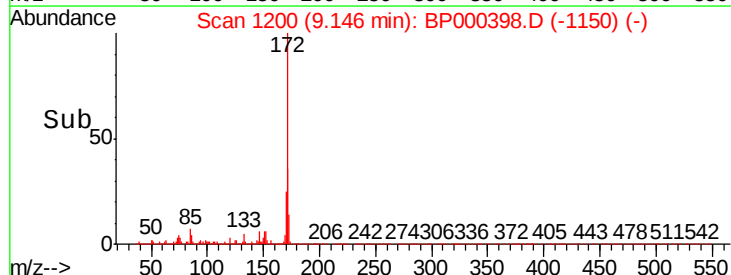
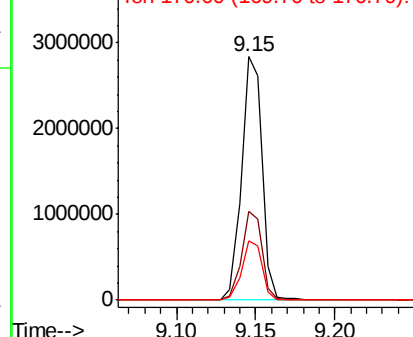


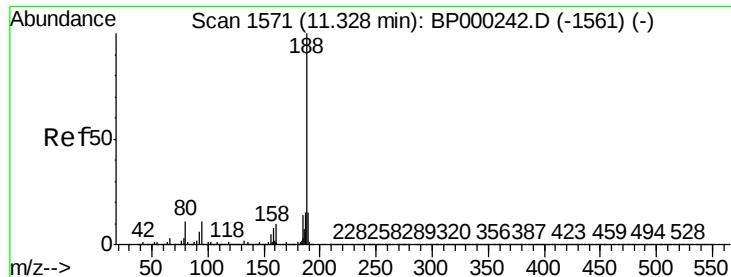
#45
2-Fluorobiphenyl
Concen: 97.792 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000398.D
Acq: 24 Sep 2019 21:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.8	44.6
170	24.5	19.8	29.6



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





#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

Instrument :

BNA_P

ClientSampleId :

WC-10-091919

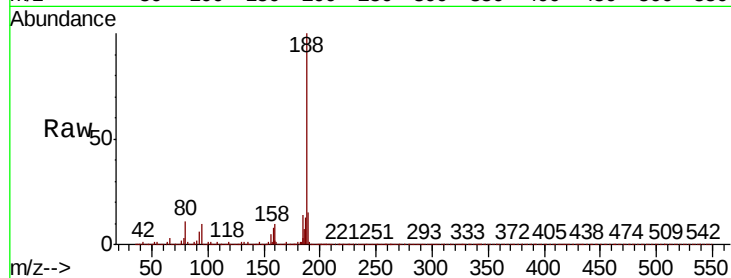
Tot Ion:188 Resp: 883240

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

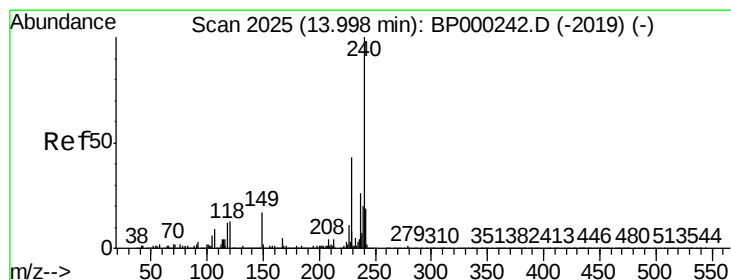
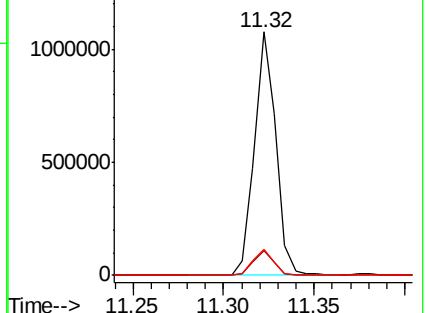
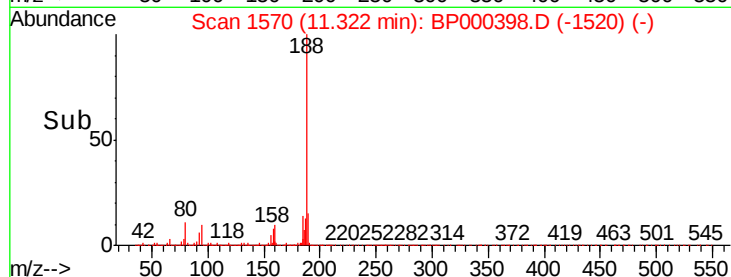
80 10.8 8.6 13.0



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



#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

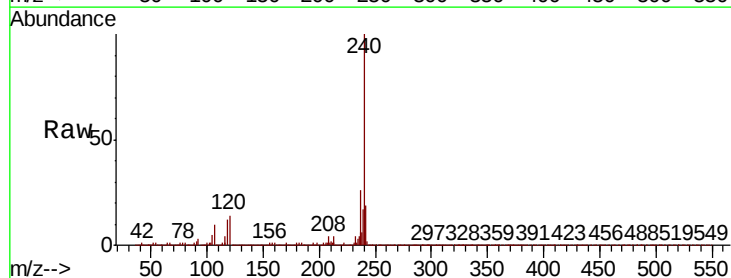
Tgt Ion:240 Resp: 782035

Ion Ratio Lower Upper

240 100

120 13.6 10.4 15.6

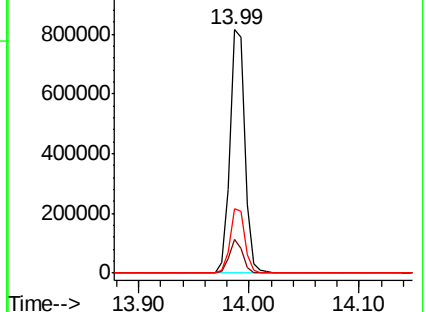
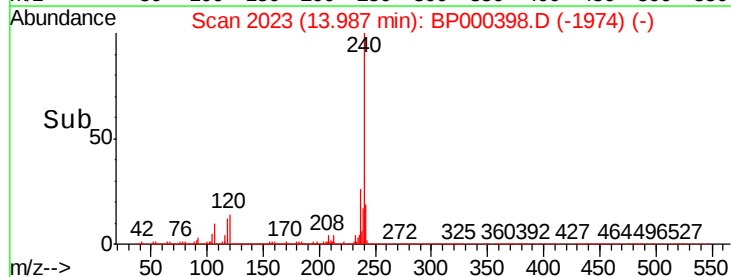
236 26.3 21.0 31.6

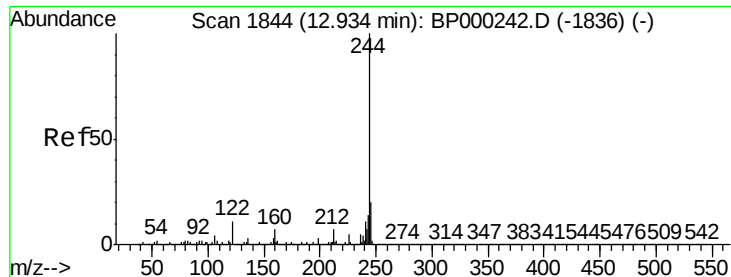


Abundance Ion 240.00 (239.70 to 240.70): E

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

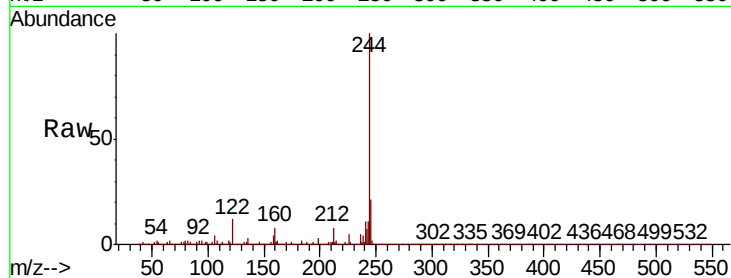
Tot Ion:244 Resp: 3294794

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

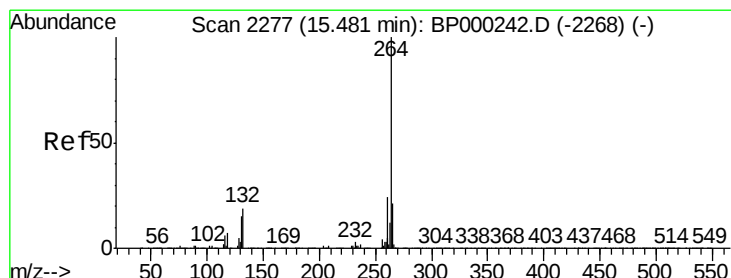
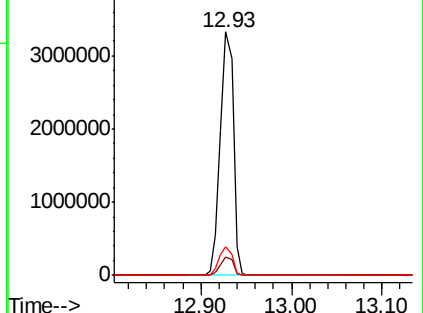
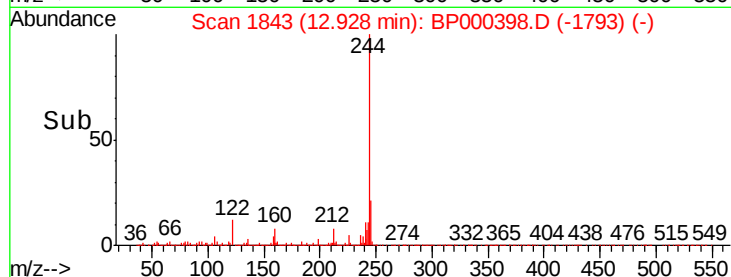
122 11.9 9.0 13.4



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

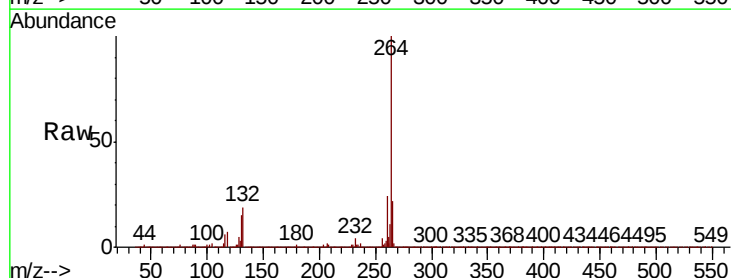
Tgt Ion:264 Resp: 836123

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

