

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
 Data File : BP000399.D
 Acq On : 24 Sep 2019 21:50
 Operator : JU
 Sample : K4997-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-11-091919

Quant Time: Sep 25 02:31:10 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	234114	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	854264	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	475000	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	893690	20.00	ng	0.00
76) Chrysene-d12	13.99	240	811493	20.00	ng	0.00
87) Perylene-d12	15.47	264	883303	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1698123	125.22	ng	0.02
7) Phenol-d6	6.43	99	2082140	125.26	ng	0.00
23) Nitrobenzene-d5	7.35	82	1225127	92.53	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	677594	143.82	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2563163	97.12	ng	0.00
79) Terphenyl-d14	12.93	244	3338036	86.29	ng	0.00

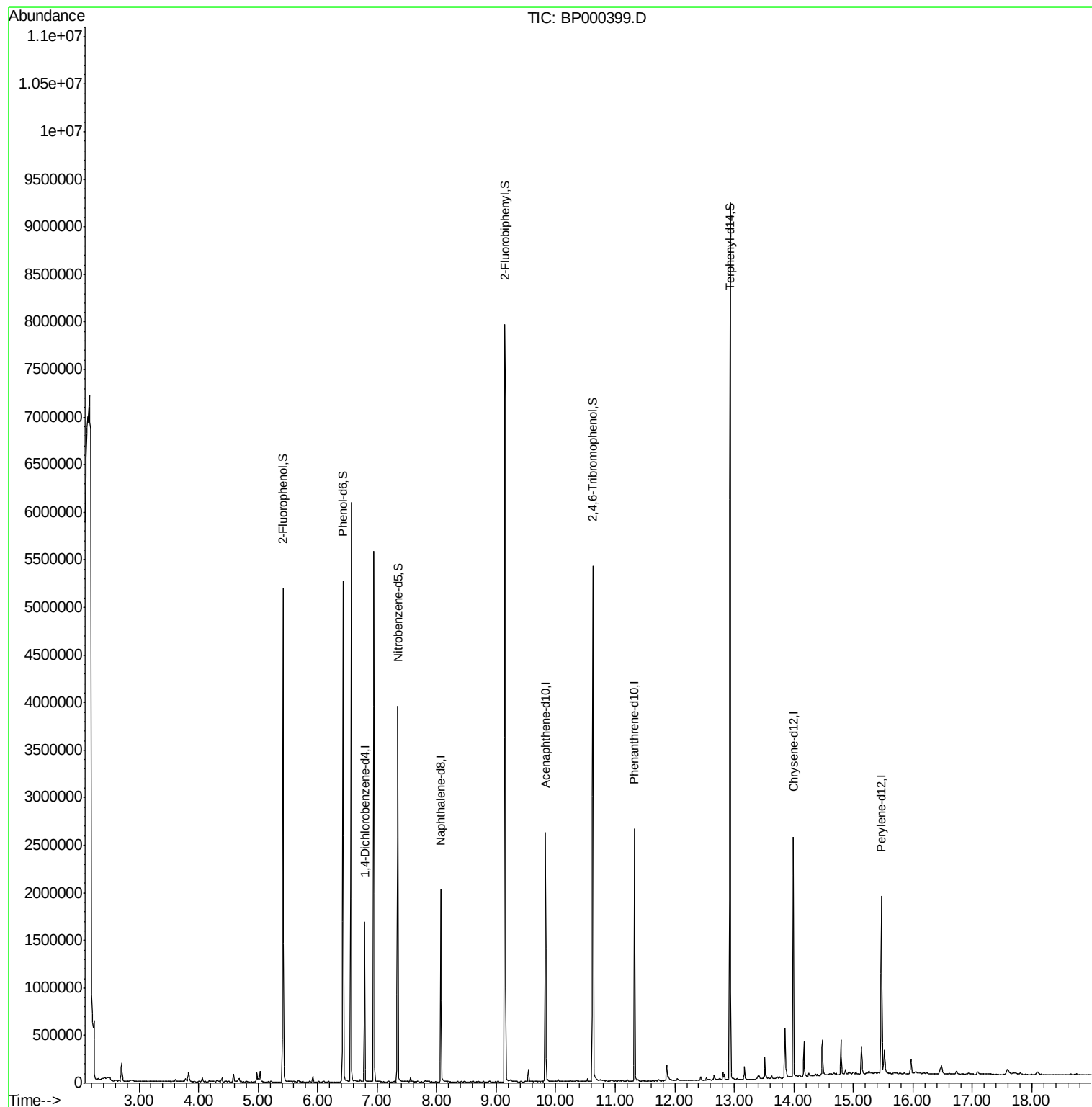
Target Compounds Qvalue

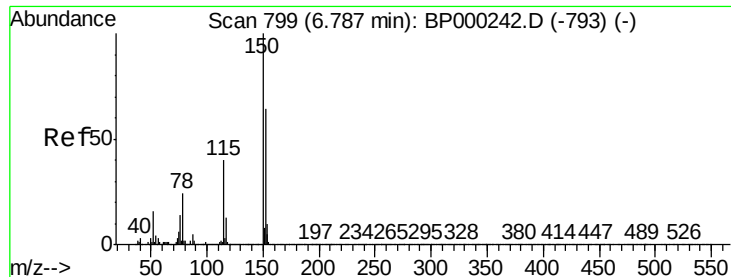
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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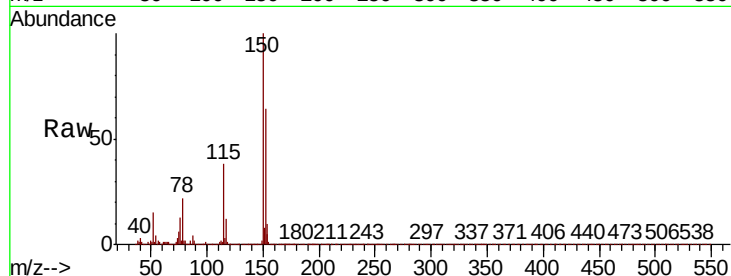


#1

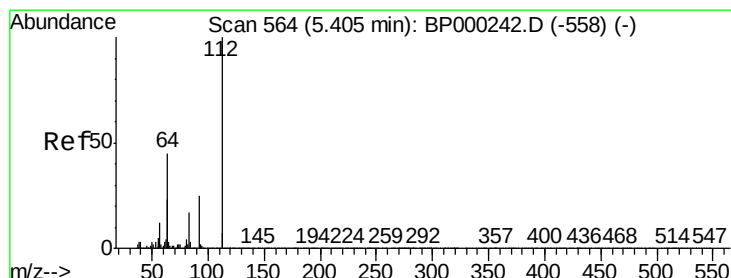
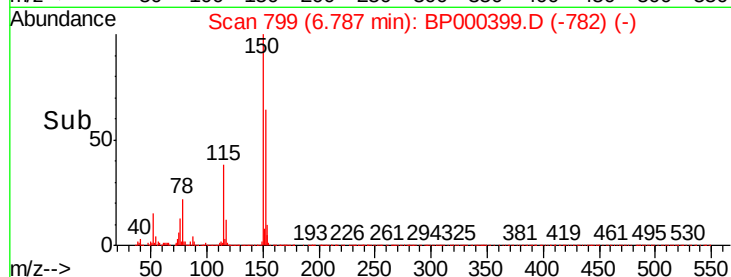
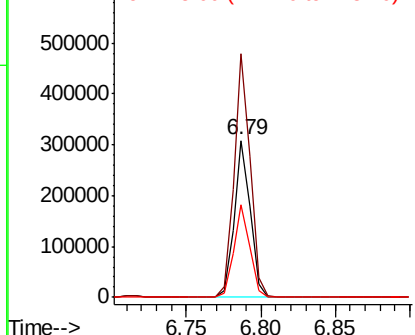
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000399.D
Acq: 24 Sep 2019 21:50

Instrument :
BNA_P
ClientSampleId :
WC-11-091919

Tot Ion:152 Resp: 234114
Ion Ratio Lower Upper
152 100
150 155.1 125.2 187.8
115 58.9 49.7 74.5



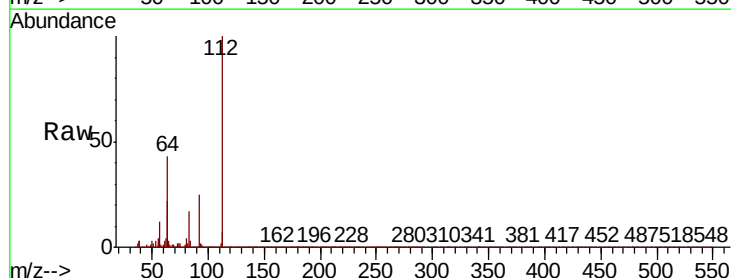
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



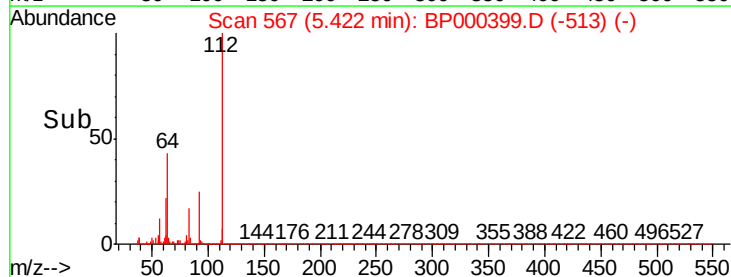
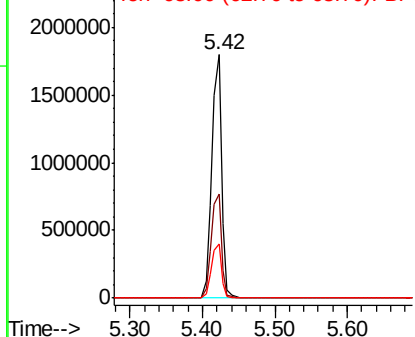
#5

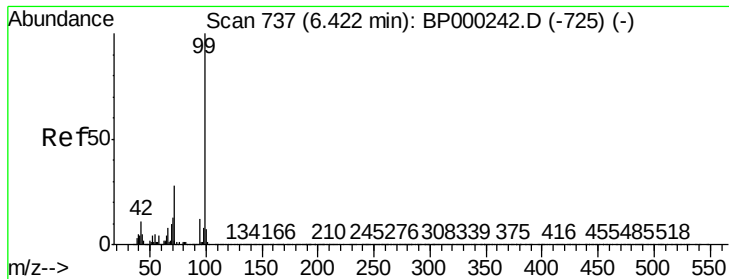
2-Fluorophenol
Concen: 125.219 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000399.D
Acq: 24 Sep 2019 21:50

Tgt Ion:112 Resp: 1698123
Ion Ratio Lower Upper
112 100
64 42.8 36.2 54.4
63 22.2 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: 125.255 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000399.D

Acq: 24 Sep 2019 21:50

Instrument :

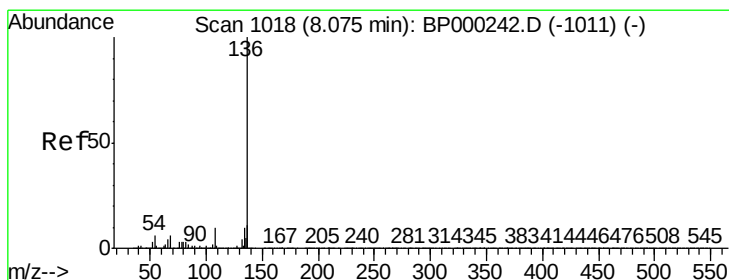
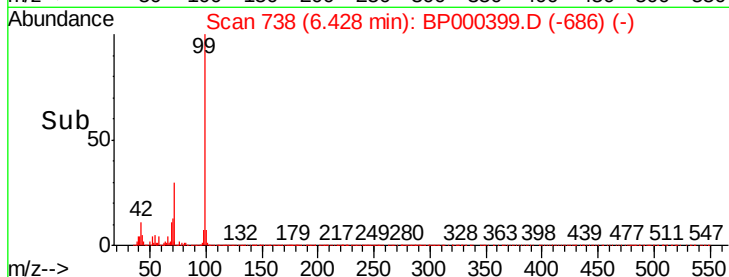
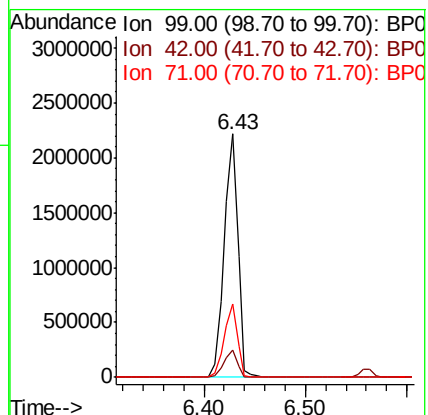
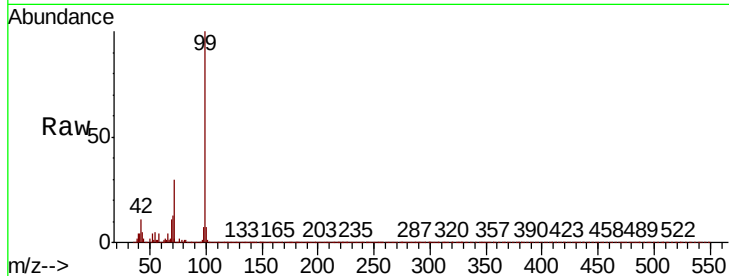
BNA_P

ClientSampleId :

WC-11-091919

Tot Ion: 99 Resp: 2082140

Ion	Ratio	Lower	Upper
99	100		
42	11.0	8.5	12.7
71	29.9	22.6	34.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

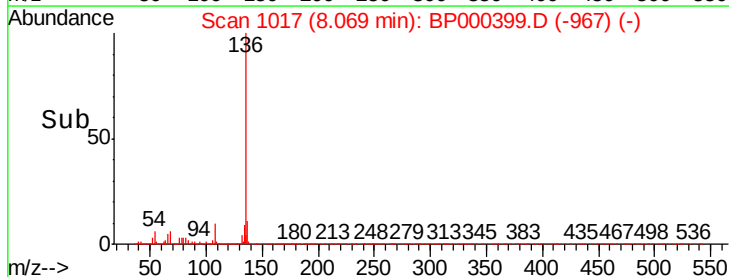
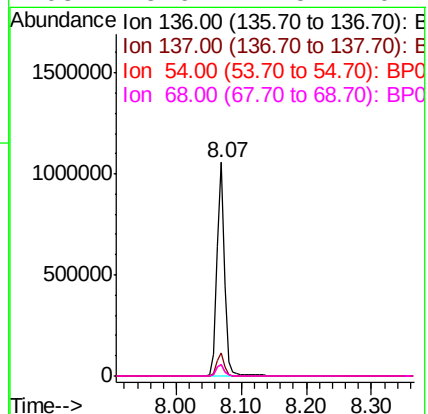
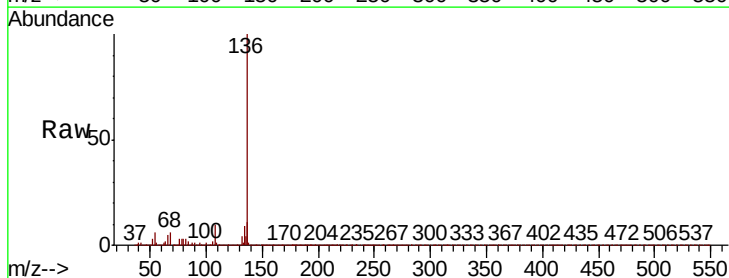
Delta R.T. -0.01 min

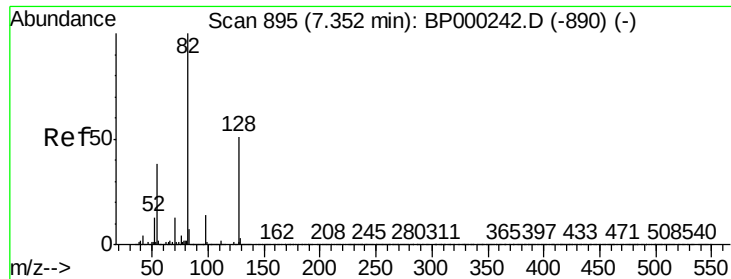
Lab File: BP000399.D

Acq: 24 Sep 2019 21:50

Tgt Ion: 136 Resp: 854264

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.7	4.5	6.7
68	5.6	4.5	6.7

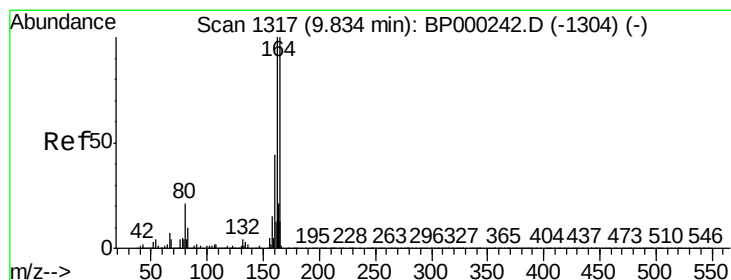
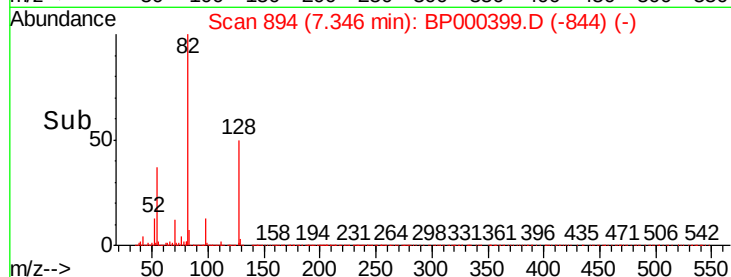
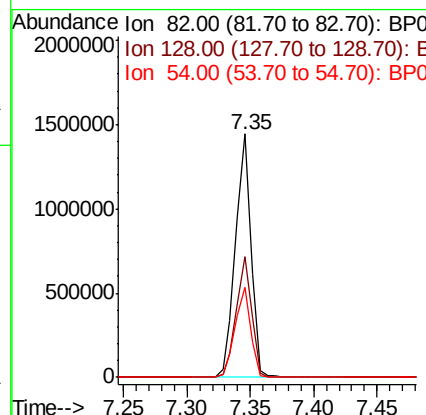
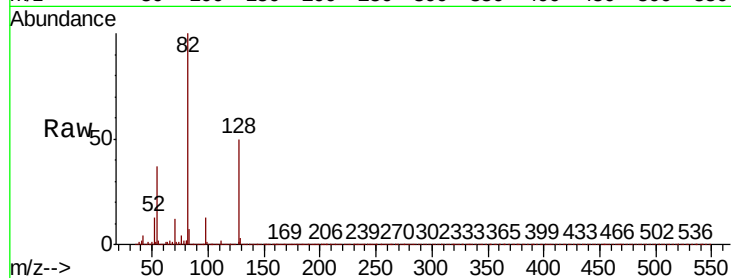




#23
Nitrobenzene-d5
Concen: 92.529 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000399.D
Acq: 24 Sep 2019 21:50

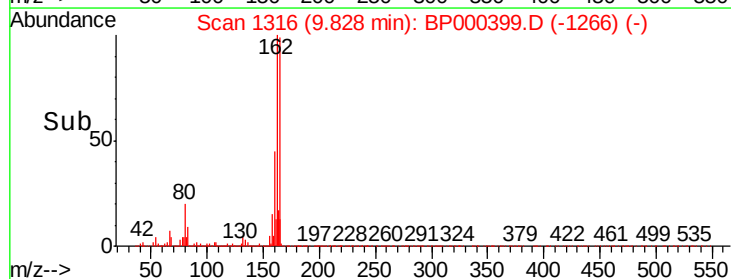
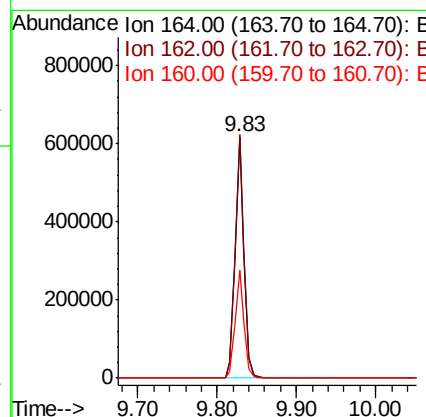
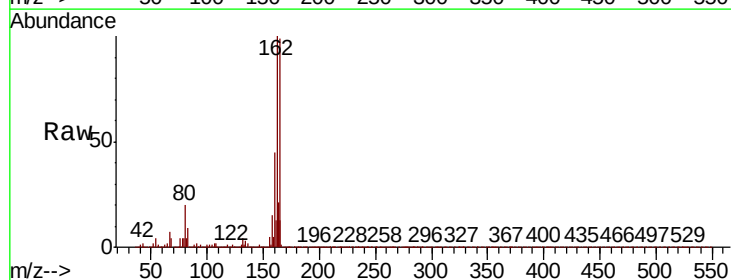
Instrument :
BNA_P
ClientSampleId :
WC-11-091919

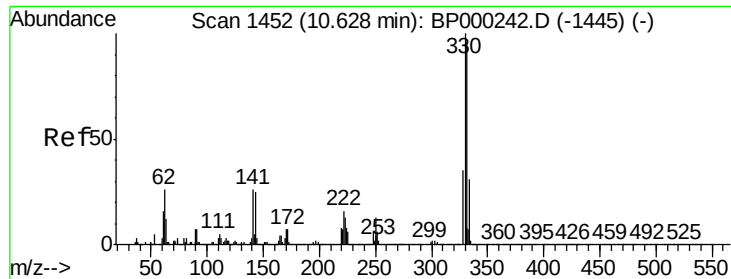
Tot Ion: 82 Resp: 1225127
Ion Ratio Lower Upper
82 100
128 49.6 40.7 61.1
54 37.2 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BP000399.D
Acq: 24 Sep 2019 21:50

Tgt Ion: 164 Resp: 475000
Ion Ratio Lower Upper
164 100
162 100.9 79.9 119.9
160 44.9 35.6 53.4

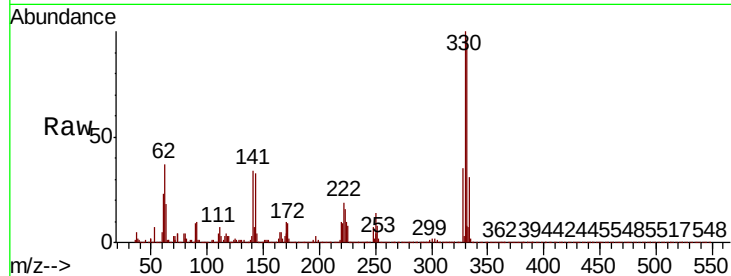




#42
2,4,6-Tribromophenol
Concen: 143.821 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000399.D
Acq: 24 Sep 2019 21:50

Instrument :
BNA_P
ClientSampleId :
WC-11-091919

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	32.5	26.5	39.7

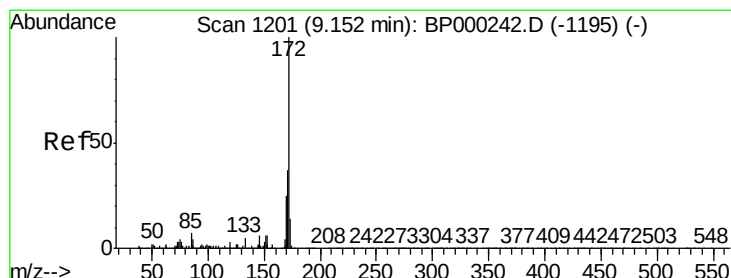
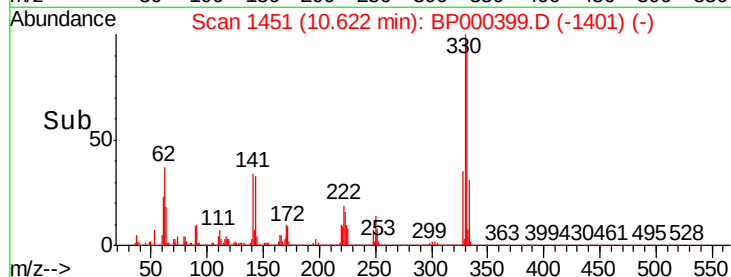
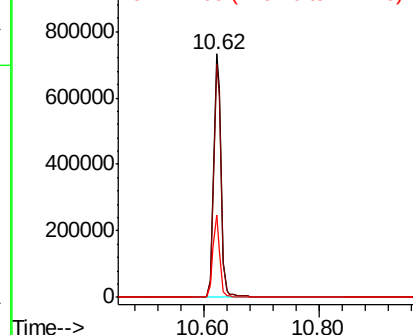


Abundance

Ion 329.80 (329.50 to 330.50): E

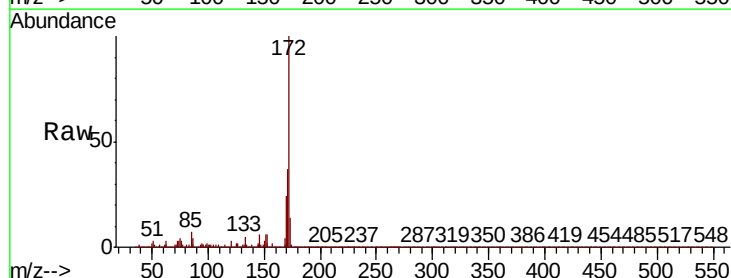
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 97.120 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000399.D
Acq: 24 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.3	19.8	29.6

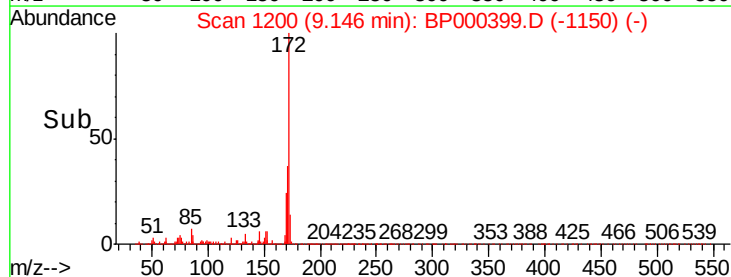
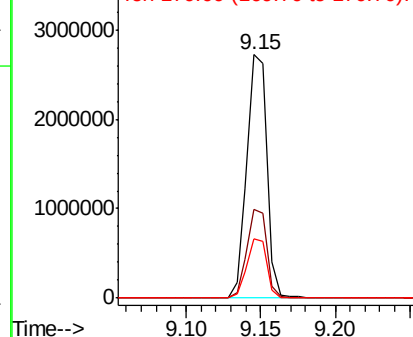


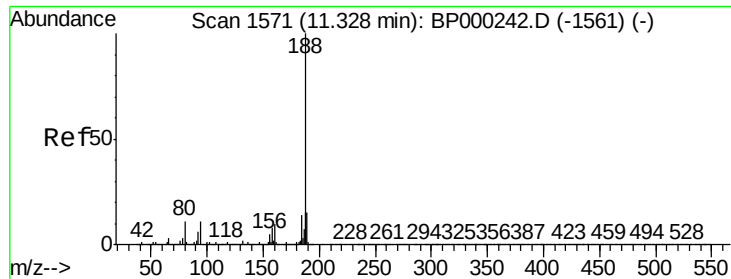
Abundance

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: BP000399.D

Acq: 24 Sep 2019 21:50

Instrument :

BNA_P

ClientSampleId :

WC-11-091919

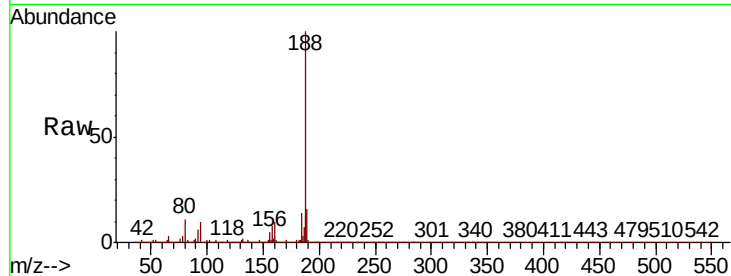
Tot Ion:188 Resp: 893690

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

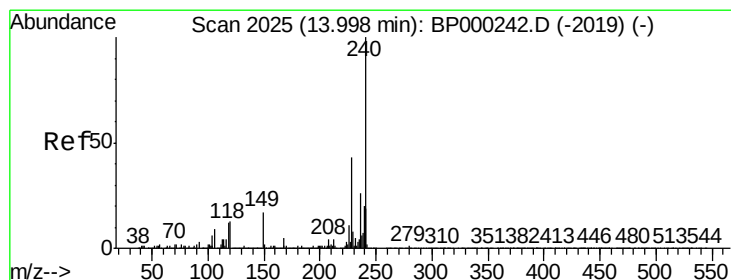
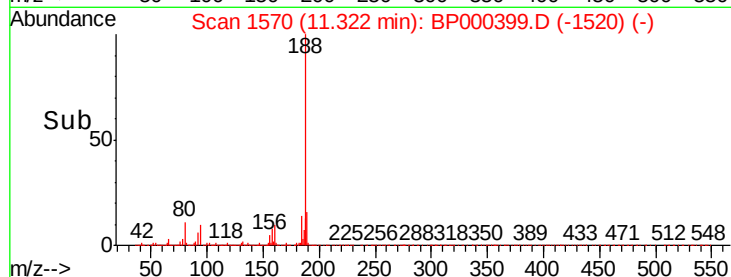
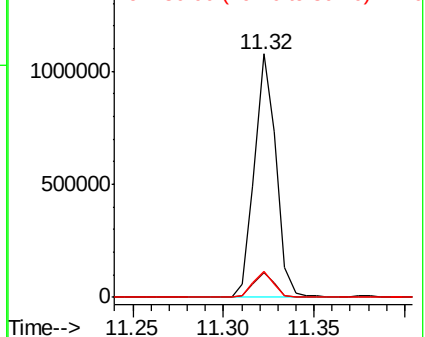
80 10.8 8.6 13.0



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# 2024

Delta R.T. -0.01 min

Lab File: BP000399.D

Acq: 24 Sep 2019 21:50

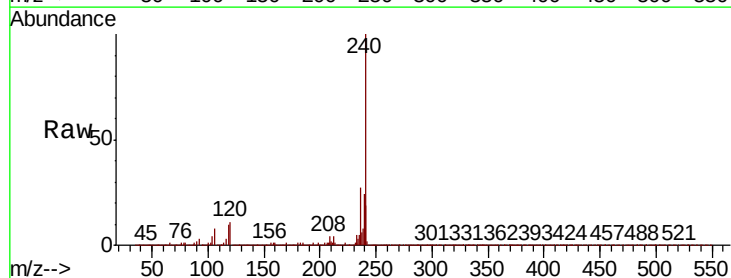
Tgt Ion:240 Resp: 811493

Ion Ratio Lower Upper

240 100

120 11.1 10.4 15.6

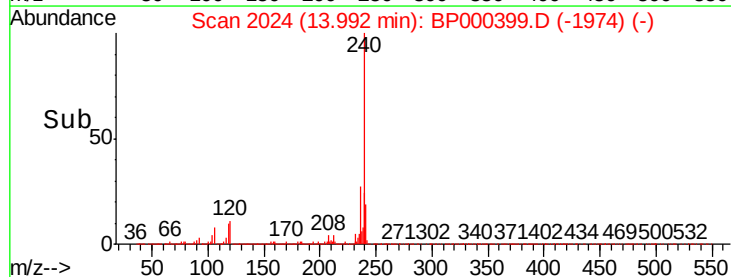
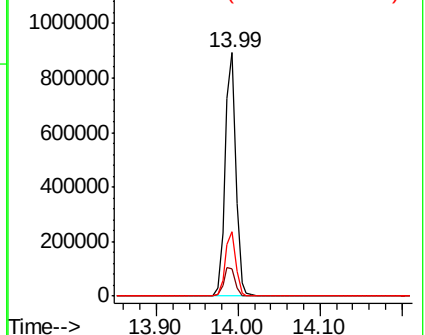
236 26.6 21.0 31.6

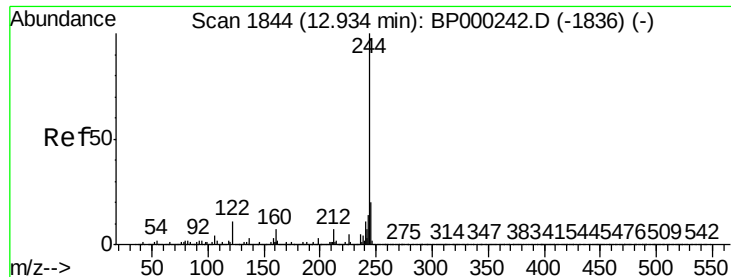


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.294 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000399.D

Acq: 24 Sep 2019 21:50

Instrument :

BNA_P

ClientSampleId :

WC-11-091919

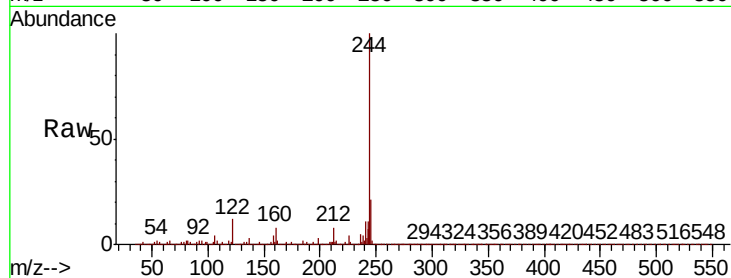
Tot Ion:244 Resp: 3338036

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

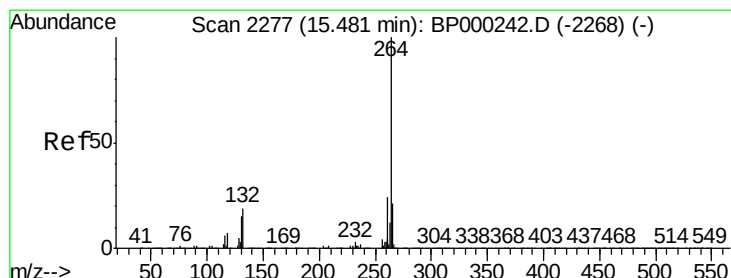
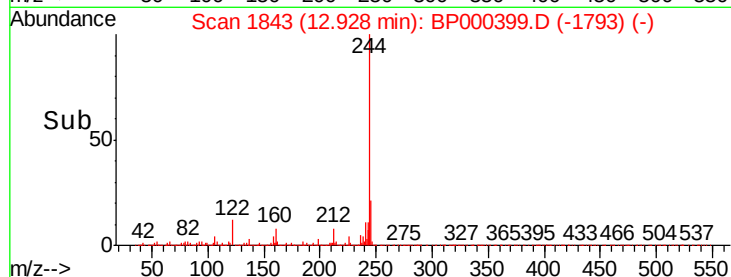
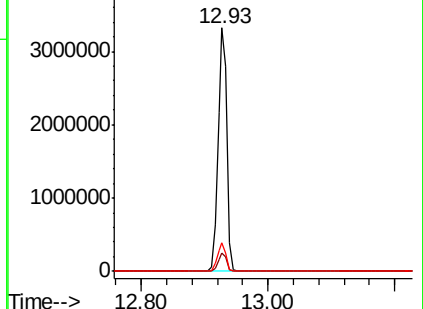
122 11.6 9.0 13.4



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# 2276

Delta R.T. -0.01 min

Lab File: BP000399.D

Acq: 24 Sep 2019 21:50

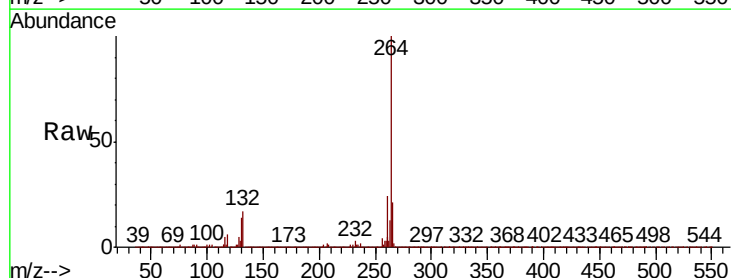
Tgt Ion:264 Resp: 883303

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 21.3 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

