

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
 Data File : BP000263.D
 Acq On : 17 Sep 2019 11:23
 Operator : HP/JU
 Sample : K4871-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB-91119

Quant Time: Sep 18 07:04:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	319749	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1115062	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	588243	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1041747	20.00	ng	0.00
76) Chrysene-d12	13.99	240	930375	20.00	ng	-0.01
87) Perylene-d12	15.47	264	865321	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	970163	52.38	ng	0.00
7) Phenol-d6	6.42	99	746552	32.88	ng	0.00
23) Nitrobenzene-d5	7.35	82	1594439	92.26	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	826948	141.73	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	3399703	104.02	ng	0.00
79) Terphenyl-d14	12.93	244	3781979	85.28	ng	0.00

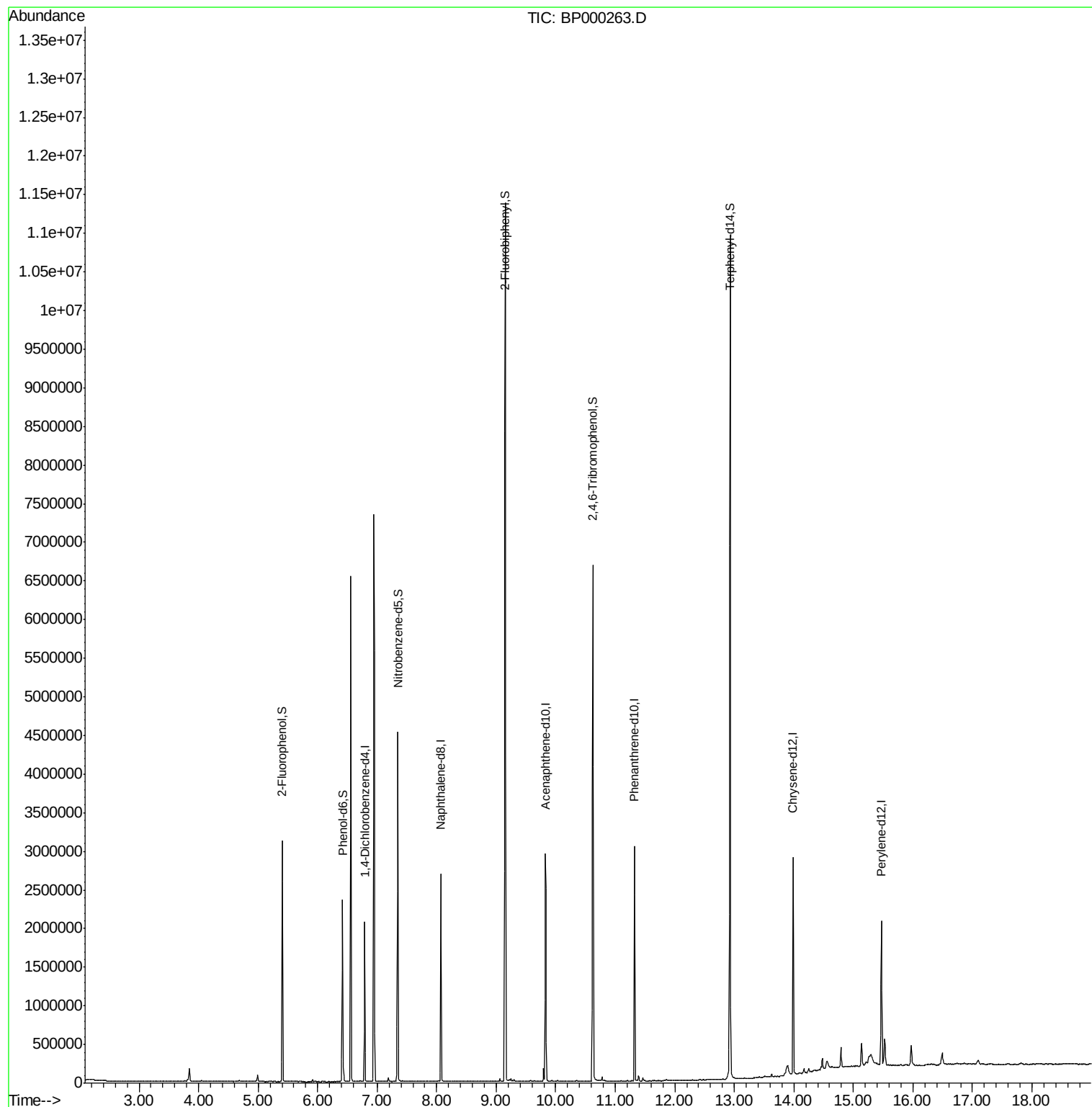
Target Compounds Qvalue

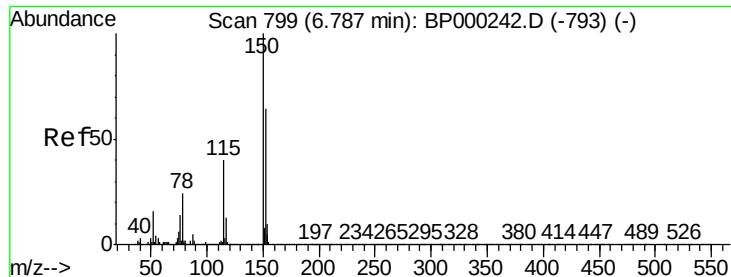
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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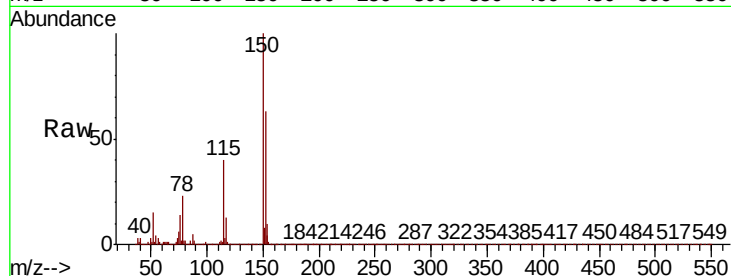


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000263.D
Acq: 17 Sep 2019 11:23

Instrument :
BNA_P
ClientSampleId :
FB-91119

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.2	187.8
115	62.4	49.7	74.5

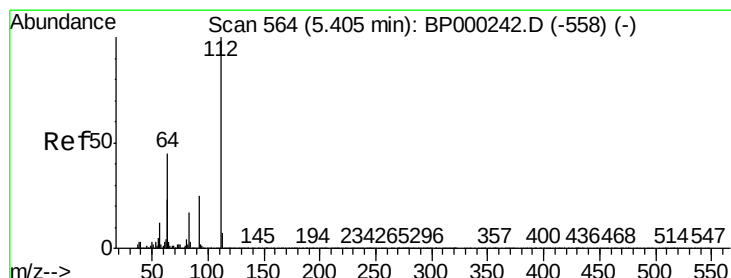
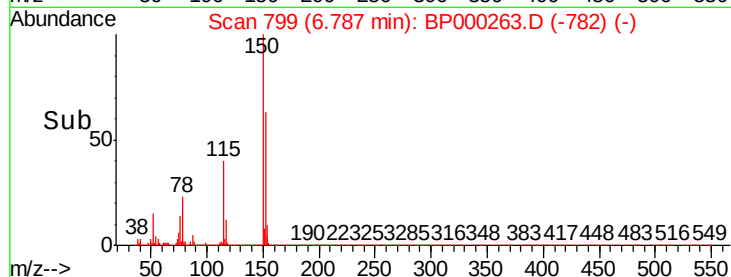
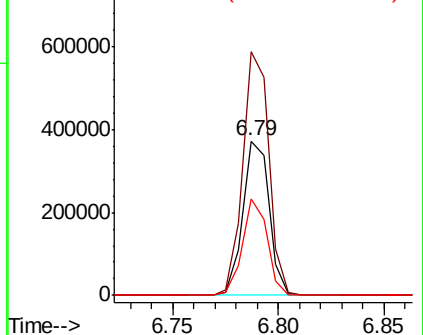


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

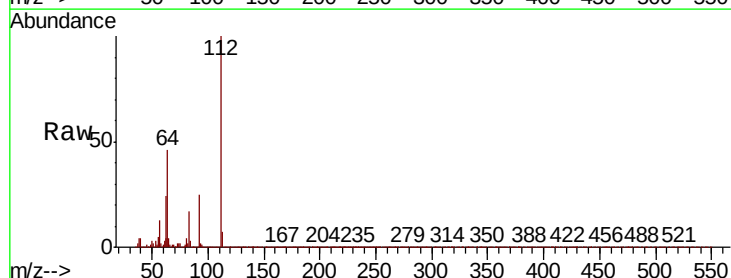
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 52.380 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BP000263.D
Acq: 17 Sep 2019 11:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.8	36.2	54.4
63	24.0	18.3	27.5

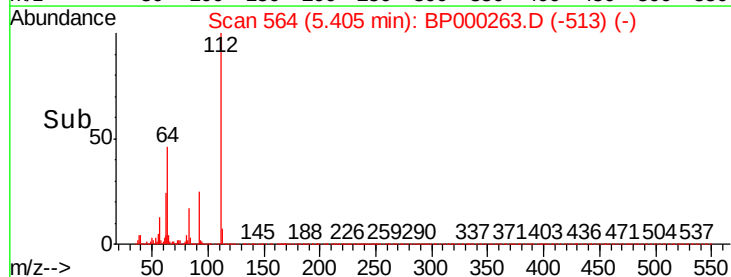
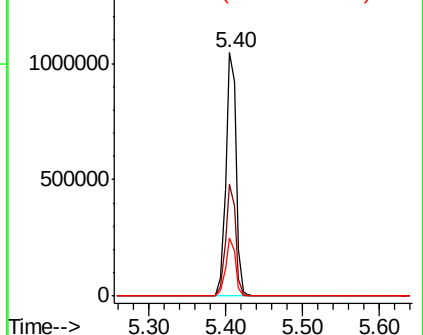


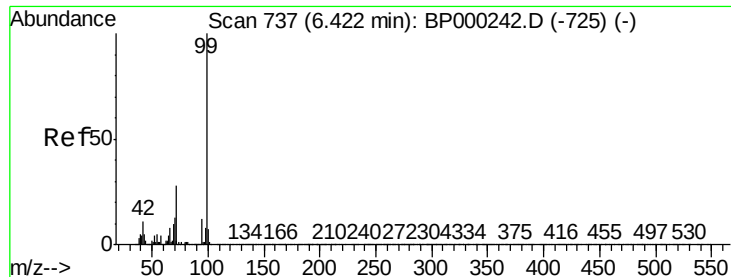
Abundance

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: 32.882 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BP000263.D

Acq: 17 Sep 2019 11:23

Instrument :

BNA_P

ClientSampled :

FB-91119

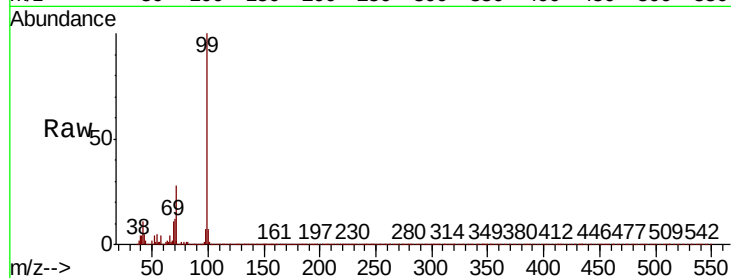
Tot Ion: 99 Resp: 746552

Ion Ratio Lower Upper

99 100

42 10.7 8.5 12.7

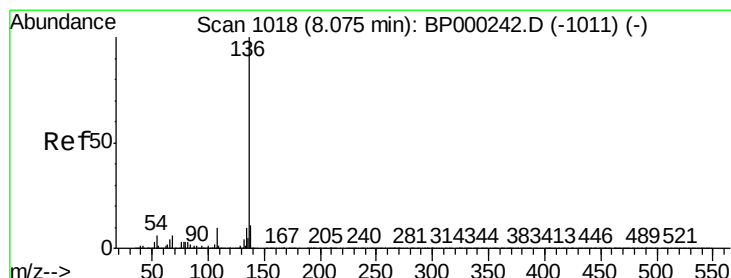
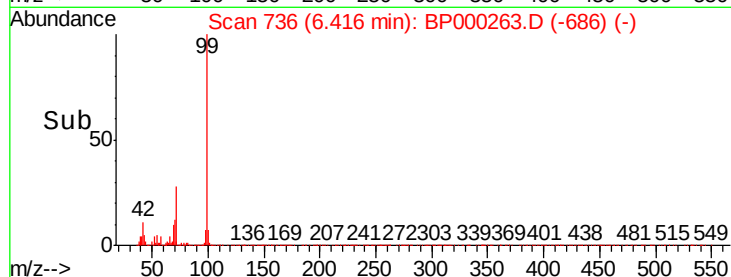
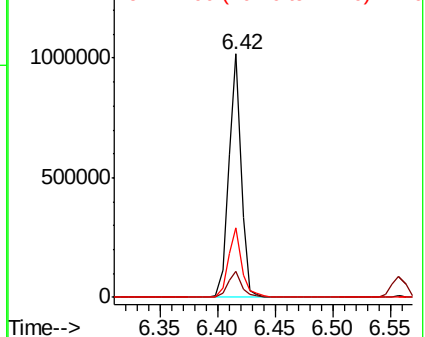
71 28.4 22.6 34.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000263.D

Acq: 17 Sep 2019 11:23

Tgt Ion: 136 Resp: 1115062

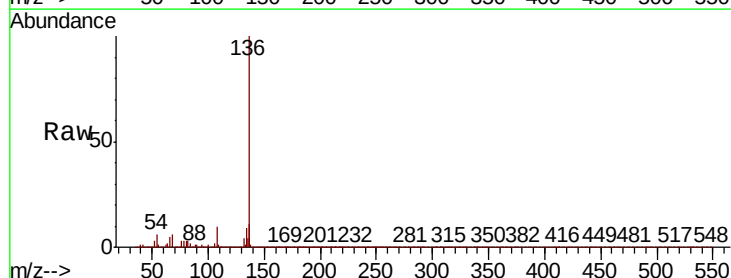
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 5.9 4.5 6.7

68 5.7 4.5 6.7

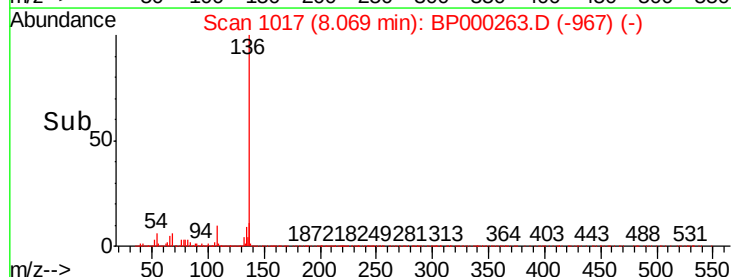
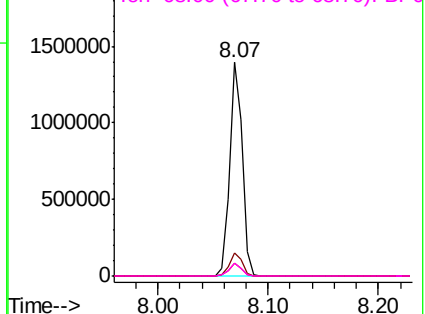


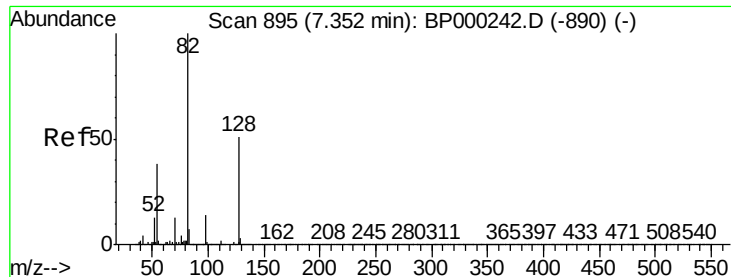
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

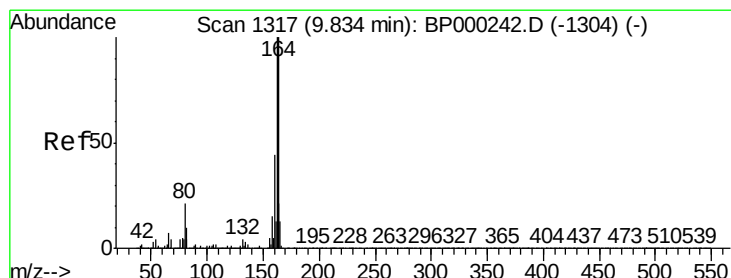
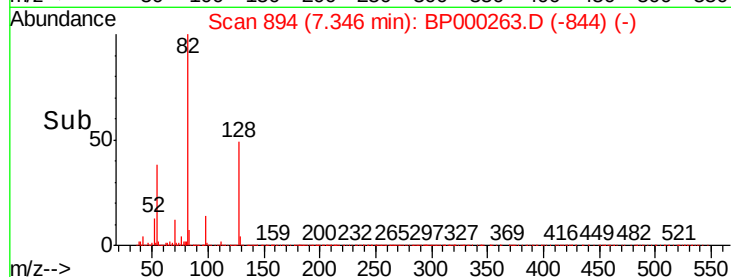
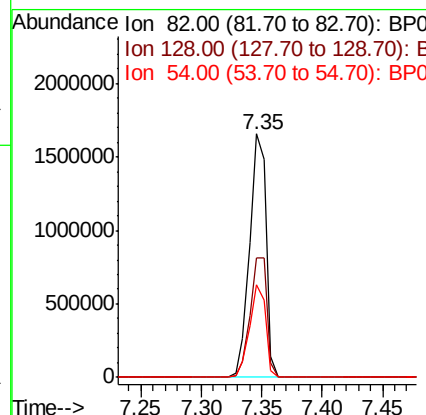
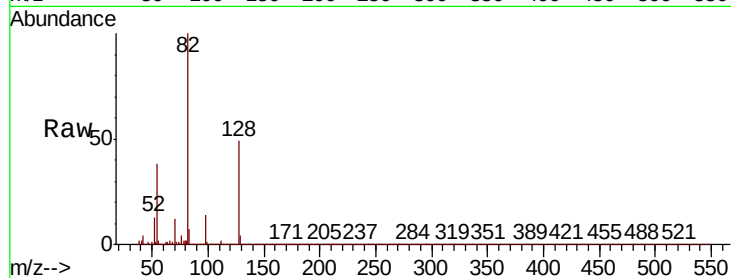




#23
 Nitrobenzene-d5
 Concen: 92.257 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BP000263.D
 Acq: 17 Sep 2019 11:23

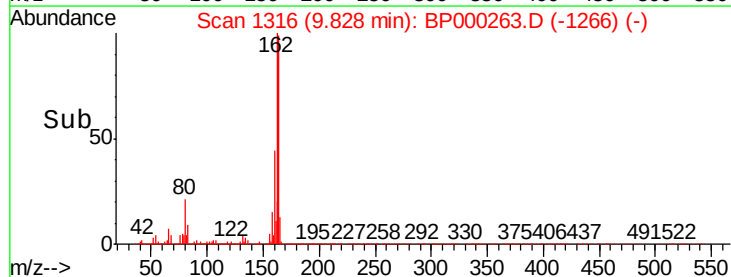
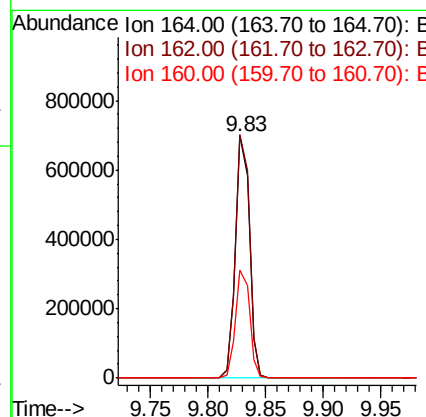
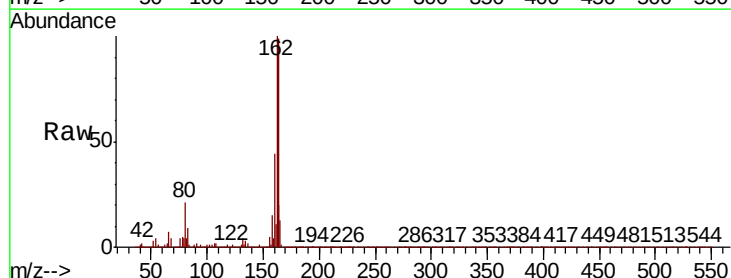
Instrument :
 BNA_P
 ClientSampled :
 FB-91119

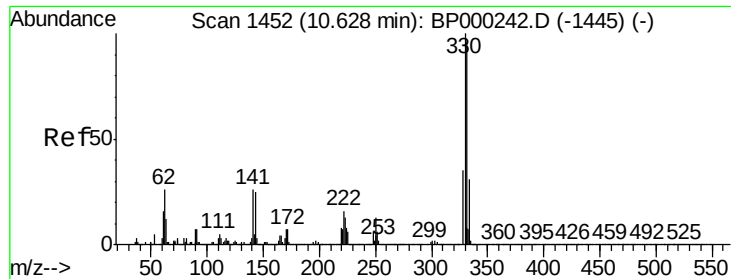
Tot Ion: 82 Resp: 1594439
 Ion Ratio Lower Upper
 82 100
 128 49.2 40.7 61.1
 54 37.9 30.1 45.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BP000263.D
 Acq: 17 Sep 2019 11:23

Tgt Ion:164 Resp: 588243
 Ion Ratio Lower Upper
 164 100
 162 100.7 79.9 119.9
 160 44.6 35.6 53.4

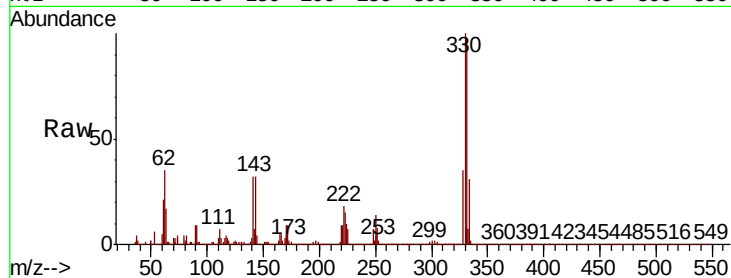




#42
2,4,6-Tribromophenol
Concen: 141.732 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000263.D
Acq: 17 Sep 2019 11:23

Instrument :
BNA_P
ClientSampleId :
FB-91119

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	30.6	26.5	39.7

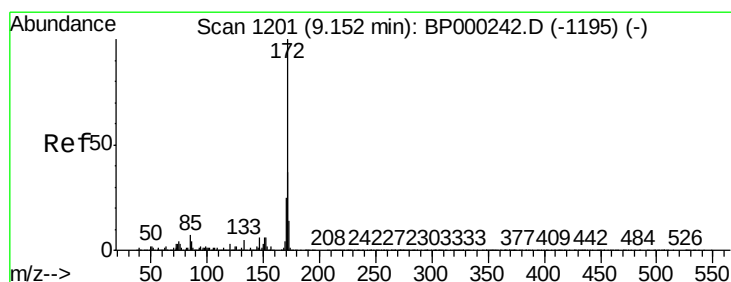
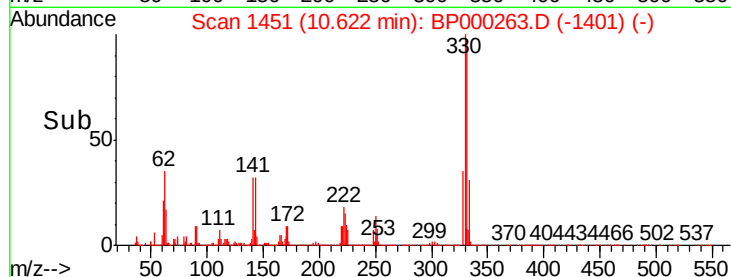
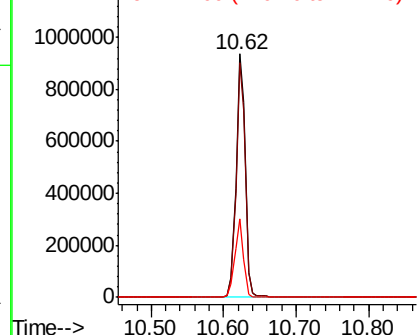


Abundance

Ion 329.80 (329.50 to 330.50): E

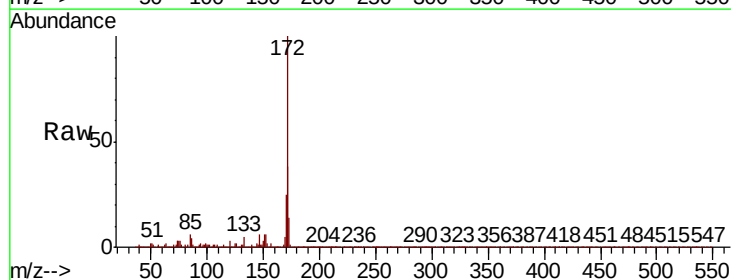
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 104.018 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000263.D
Acq: 17 Sep 2019 11:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.8	44.6
170	25.2	19.8	29.6

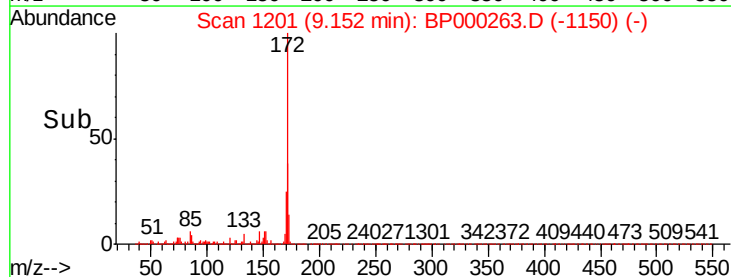
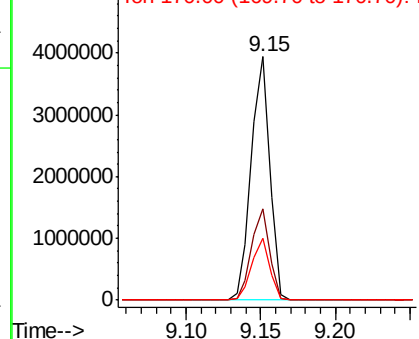


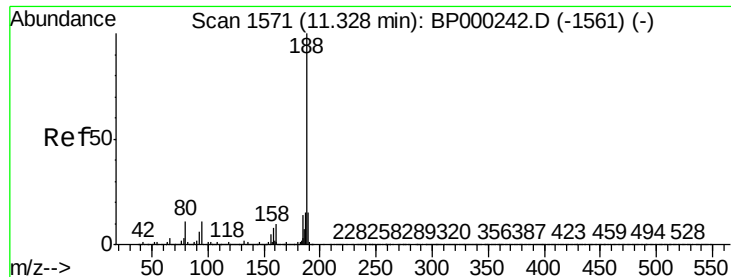
Abundance

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: BP000263.D

Acq: 17 Sep 2019 11:23

Instrument :

BNA_P

ClientSampleId :

FB-91119

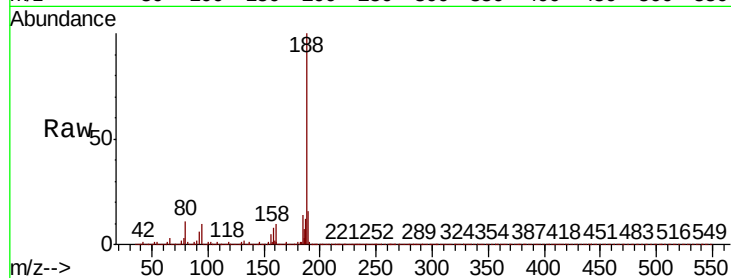
Tot Ion:188 Resp: 1041747

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

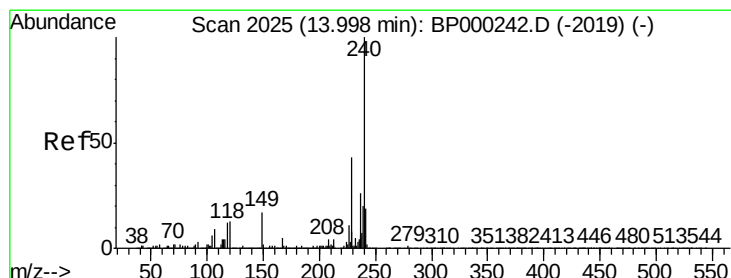
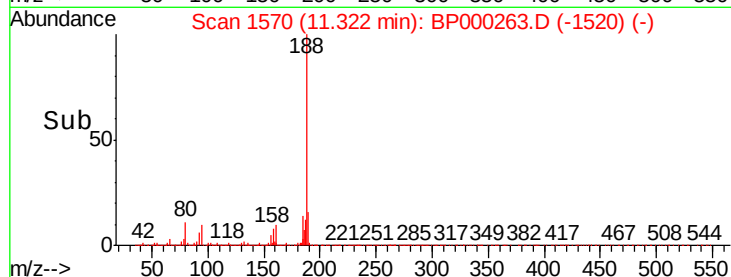
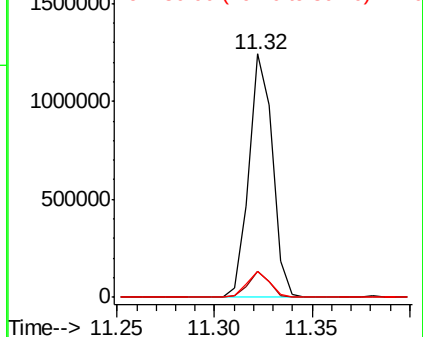
80 10.7 8.6 13.0



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: BP000263.D

Acq: 17 Sep 2019 11:23

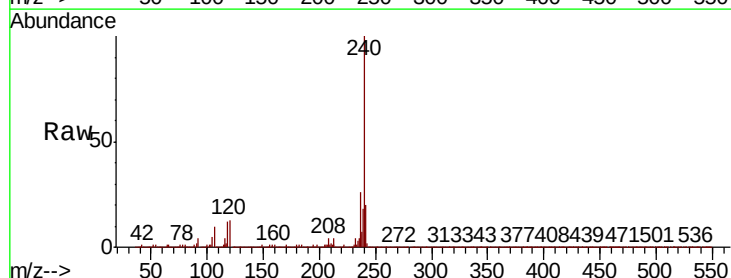
Tgt Ion:240 Resp: 930375

Ion Ratio Lower Upper

240 100

120 12.8 10.4 15.6

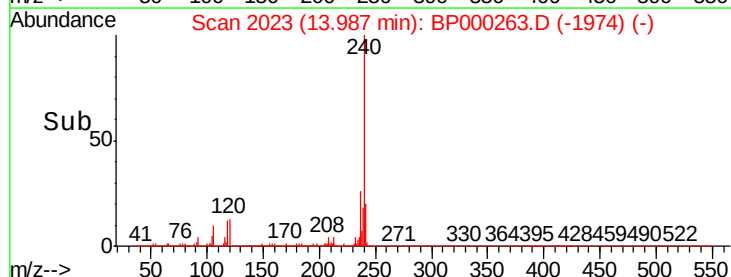
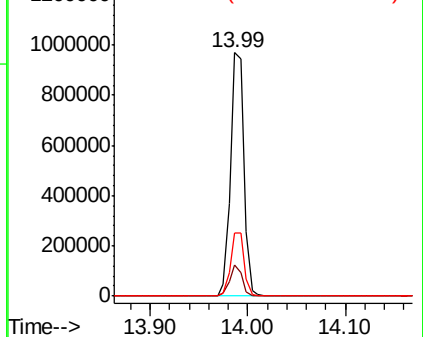
236 26.0 21.0 31.6

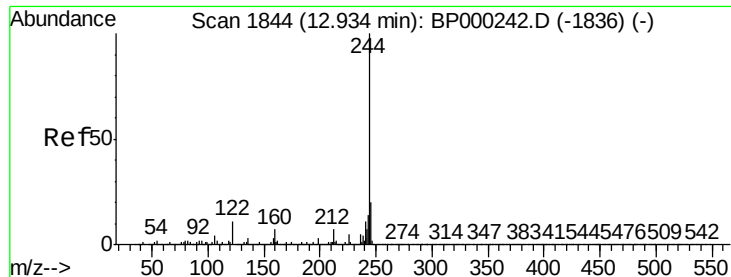


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.277 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000263.D

Acq: 17 Sep 2019 11:23

Instrument :

BNA_P

ClientSampleId :

FB-91119

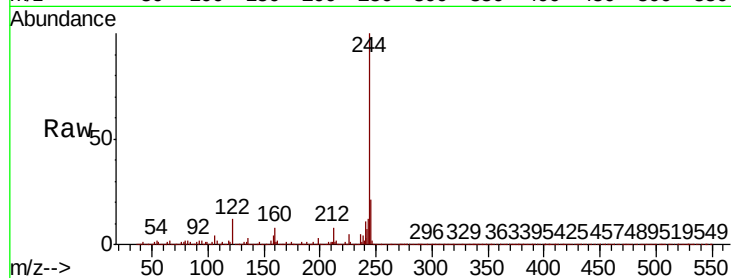
Tot Ion:244 Resp: 3781979

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 11.7 9.0 13.4

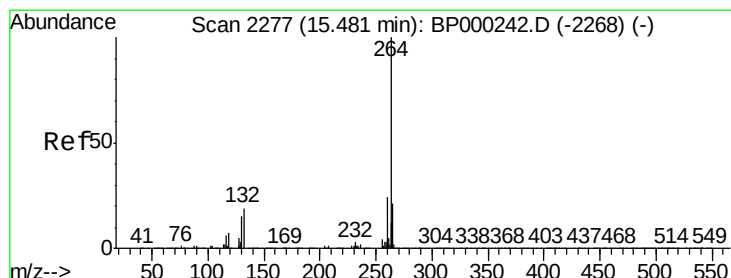
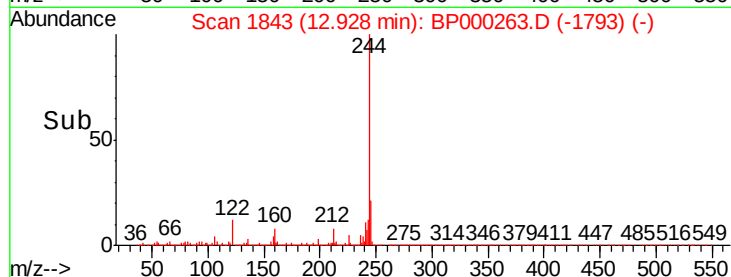
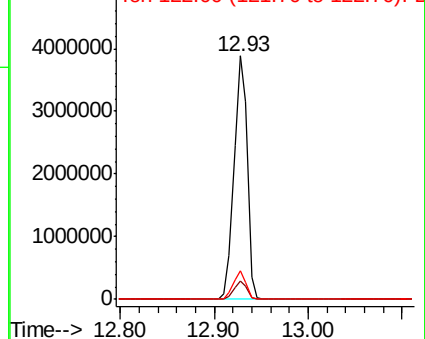


Abundance

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: BP000263.D

Acq: 17 Sep 2019 11:23

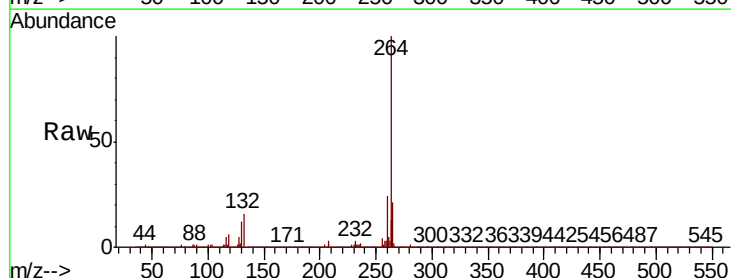
Tgt Ion:264 Resp: 865321

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.4 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

