

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
 Data File : BP000452.D
 Acq On : 27 Sep 2019 13:06
 Operator : JU
 Sample : PB123396TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB123396TB

Quant Time: Sep 27 15:05:22 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	229542	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	831694	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	454300	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	863583	20.00	ng	0.00
76) Chrysene-d12	14.00	240	787668	20.00	ng	0.00
87) Perylene-d12	15.49	264	868859	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1551030	116.65	ng	0.01
7) Phenol-d6	6.43	99	1946400	119.42	ng	0.00
23) Nitrobenzene-d5	7.35	82	1087867	84.39	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	564853	125.35	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2352329	93.19	ng	0.00
79) Terphenyl-d14	12.94	244	2952058	78.62	ng	0.00

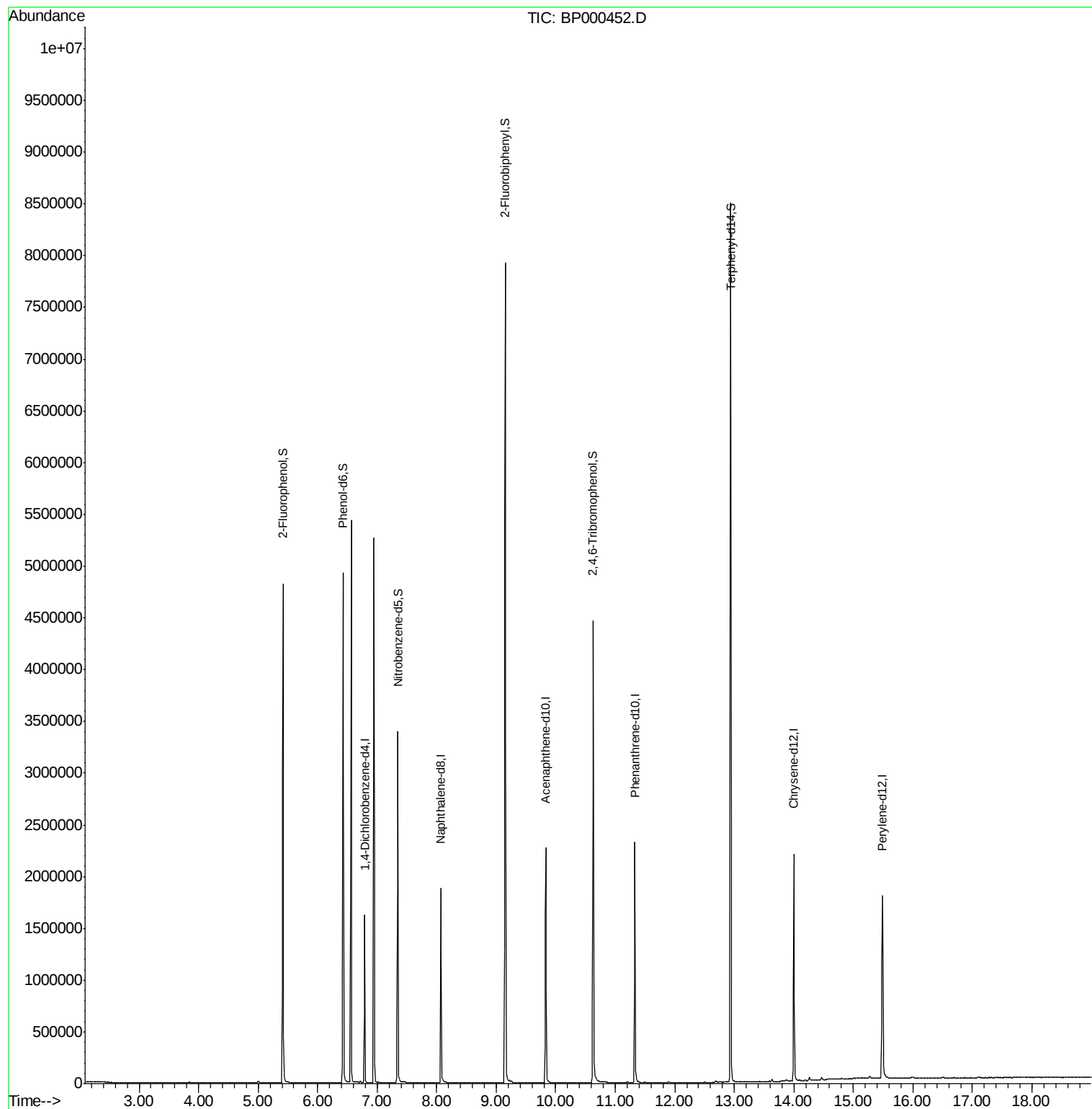
Target Compounds Qvalue

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

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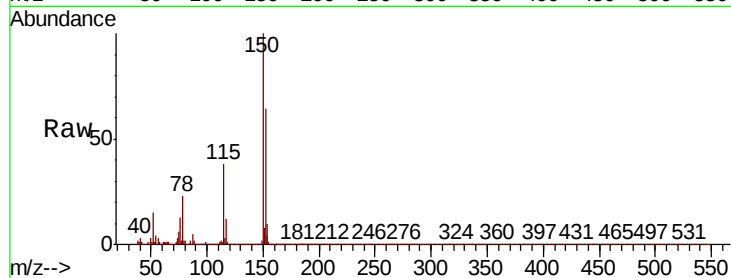


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000452.D
Acq: 27 Sep 2019 13:06

Instrument :
BNA_P
ClientSampleId :
PB123396TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.2	187.8
115	58.9	49.7	74.5

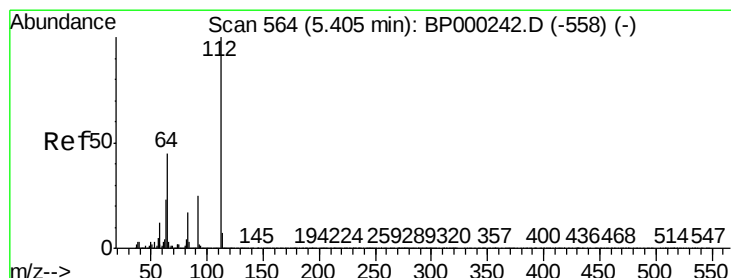
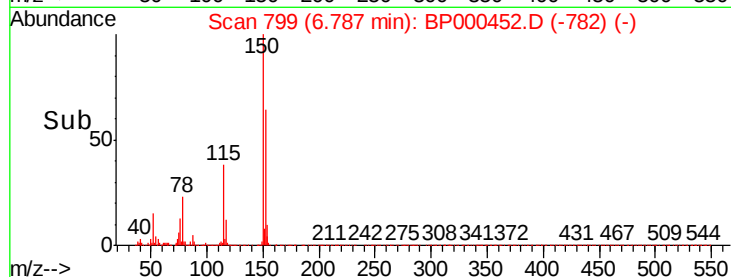
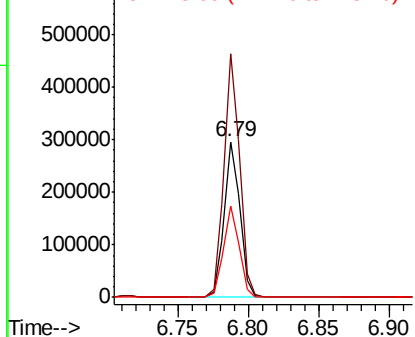


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

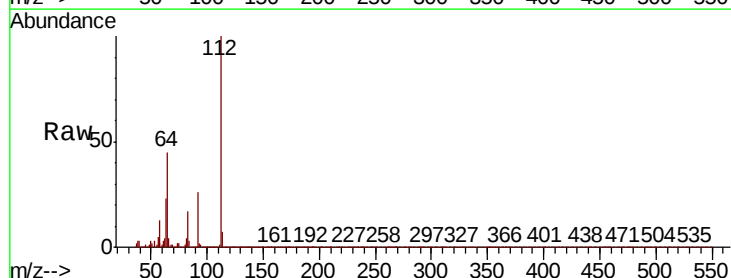
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.651 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000452.D
Acq: 27 Sep 2019 13:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.6	36.2	54.4
63	23.3	18.3	27.5

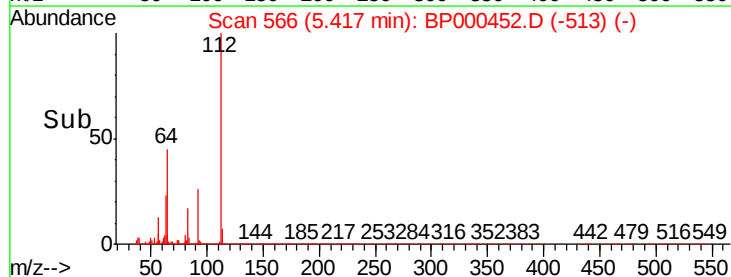
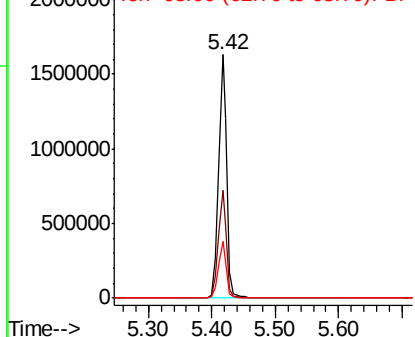


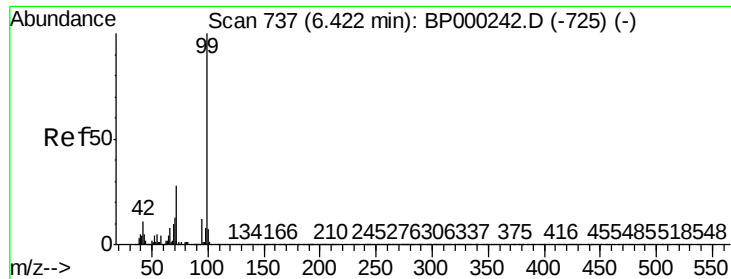
Abundance

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: 119.422 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000452.D

Acq: 27 Sep 2019 13:06

Instrument :

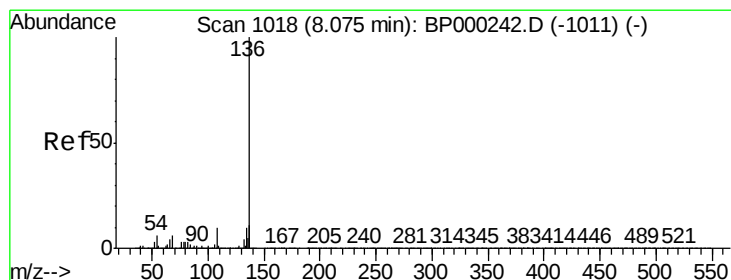
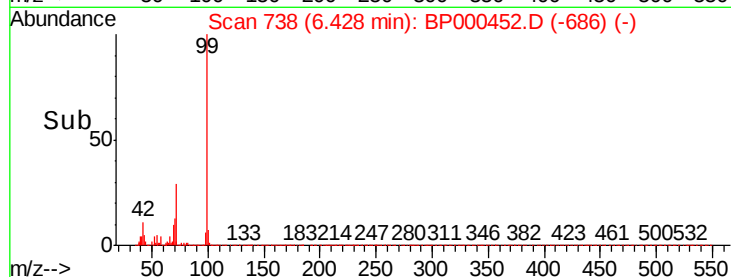
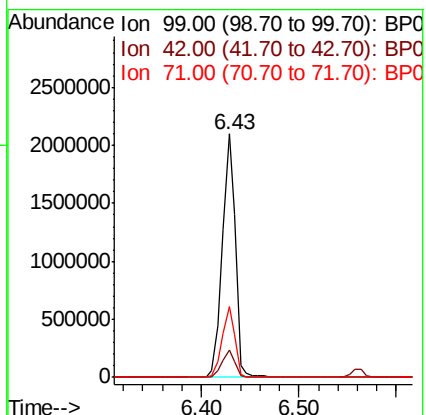
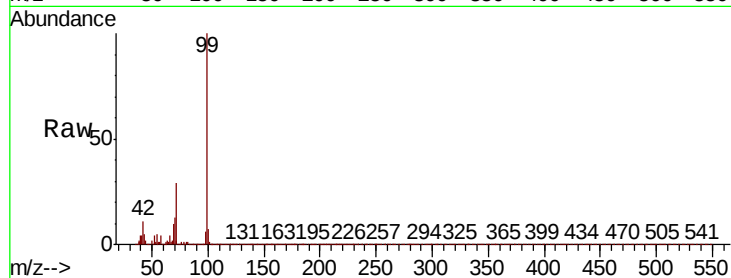
BNA_P

ClientSampleId :

PB123396TB

Tot Ion: 99 Resp: 1946400

Ion	Ratio	Lower	Upper
99	100		
42	11.1	8.5	12.7
71	29.3	22.6	34.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

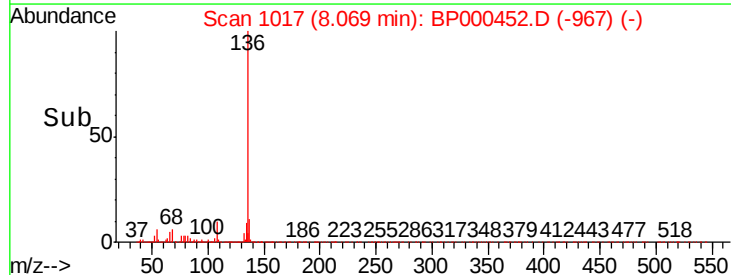
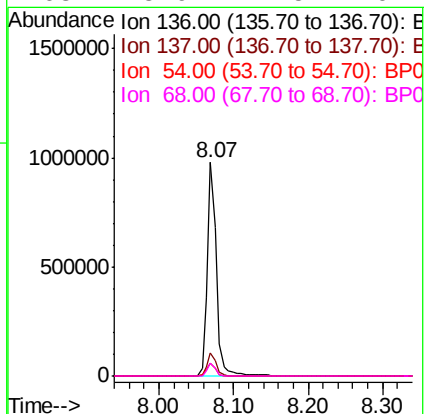
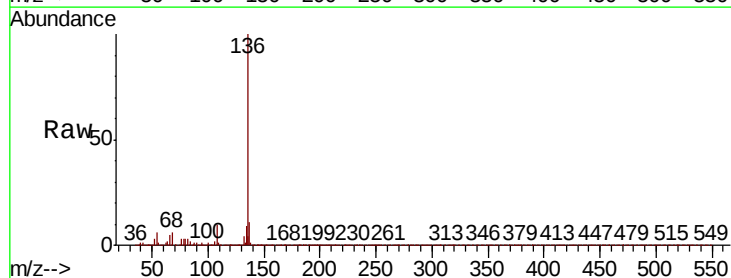
Delta R.T. -0.01 min

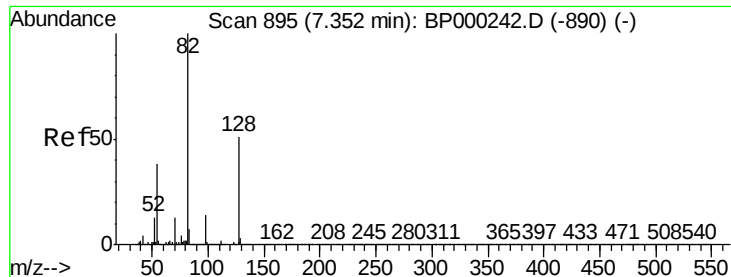
Lab File: BP000452.D

Acq: 27 Sep 2019 13:06

Tgt Ion: 136 Resp: 831694

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.9	4.5	6.7
68	5.9	4.5	6.7





#23

Nitrobenzene-d5

Concen: 84.392 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BP000452.D

Acq: 27 Sep 2019 13:06

Instrument :

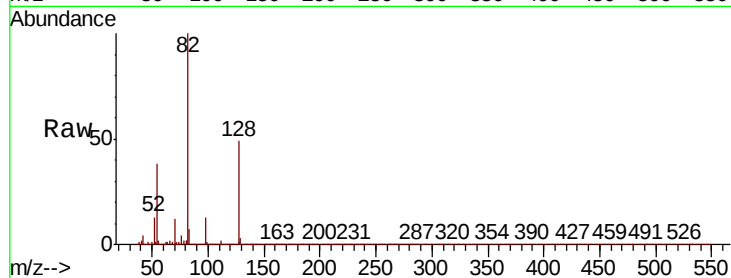
BNA_P

ClientSampleId :

PB123396TB

Tot Ion: 82 Resp: 1087867

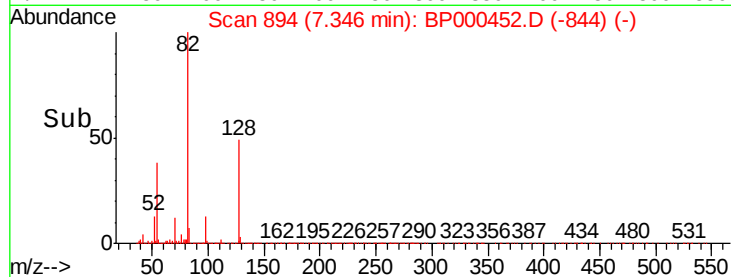
Ion	Ratio	Lower	Upper
82	100		
128	49.3	40.7	61.1
54	37.9	30.1	45.1



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

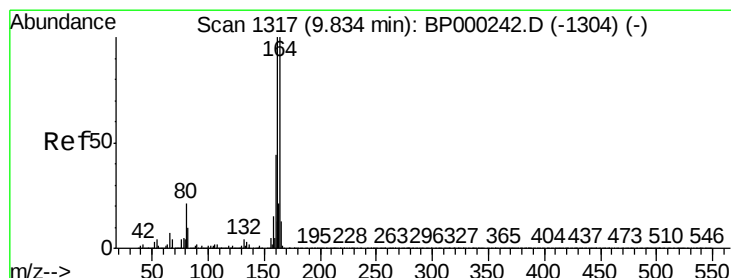
Ion 54.00 (53.70 to 54.70): BP0



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

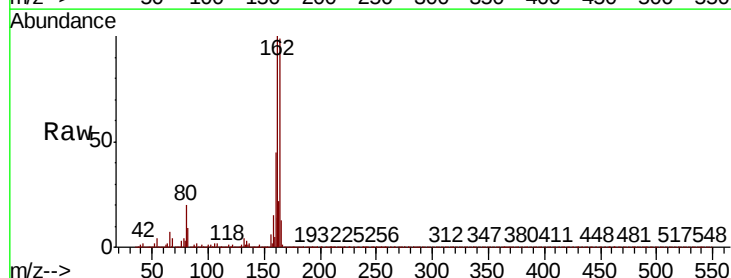
Delta R.T. 0.00 min

Lab File: BP000452.D

Acq: 27 Sep 2019 13:06

Tgt Ion: 164 Resp: 454300

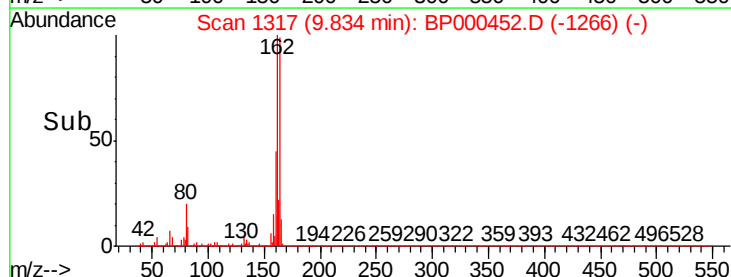
Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.9	119.9
160	45.6	35.6	53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

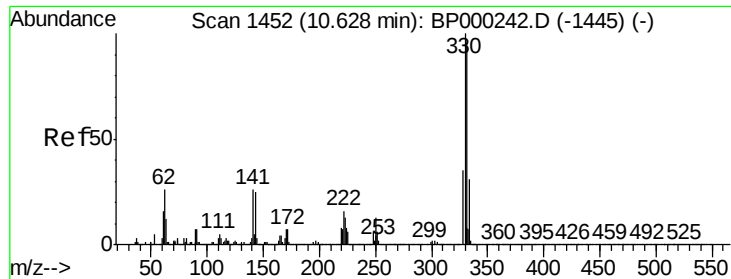
Ion 160.00 (159.70 to 160.70): E



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

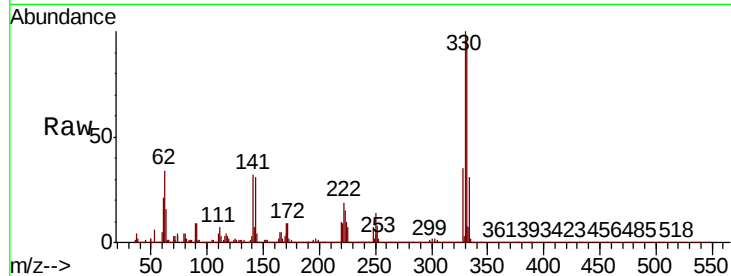
Ion 160.00 (159.70 to 160.70): E



#42
 2,4,6-Tribromophenol
 Concen: 125.355 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BP000452.D
 Acq: 27 Sep 2019 13:06

Instrument :
 BNA_P
 ClientSampleId :
 PB123396TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	33.0	26.5	39.7

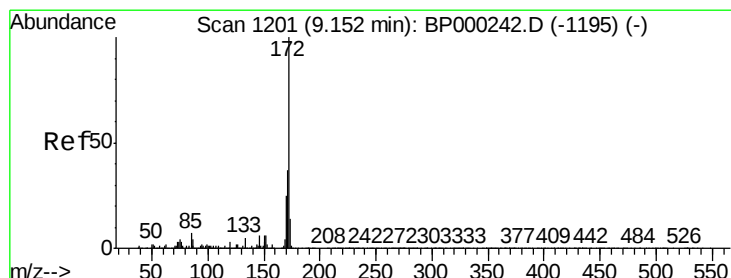
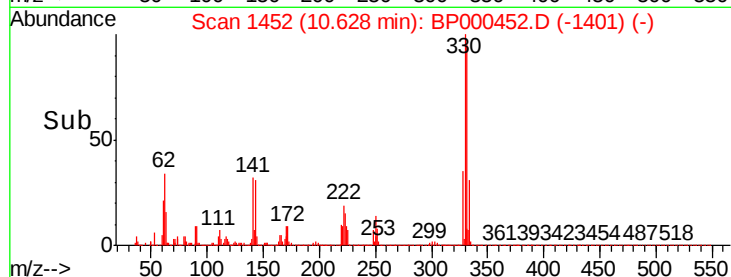
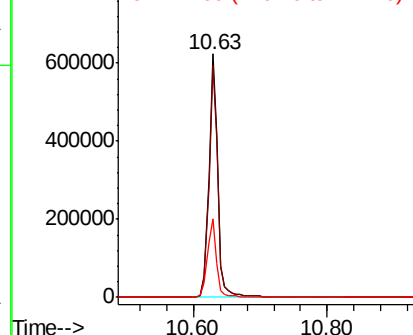


Abundance

Ion 329.80 (329.50 to 330.50): E

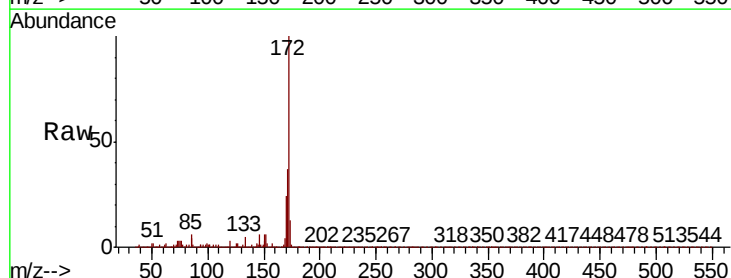
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.193 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BP000452.D
 Acq: 27 Sep 2019 13:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	24.4	19.8	29.6

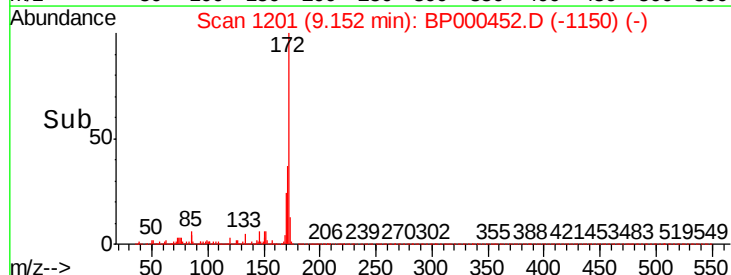
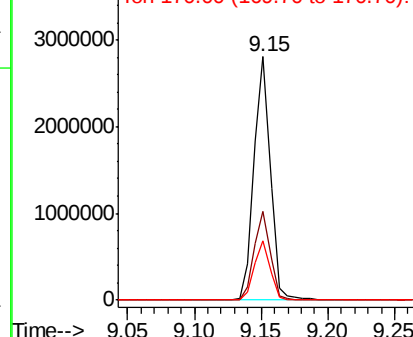


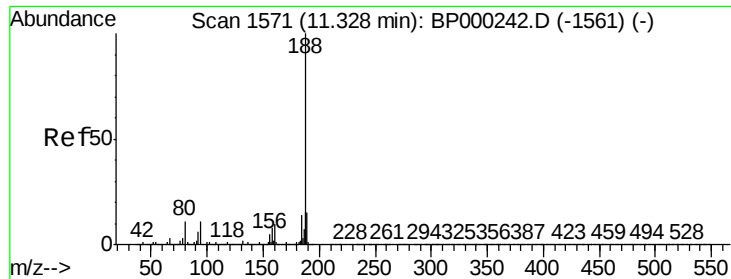
Abundance

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: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BP000452.D

Acq: 27 Sep 2019 13:06

Instrument :

BNA_P

ClientSampleId :

PB123396TB

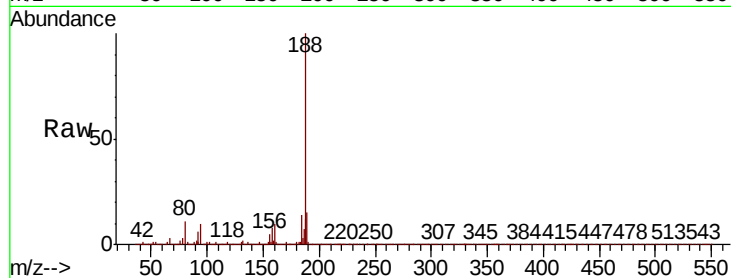
Tot Ion:188 Resp: 863583

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

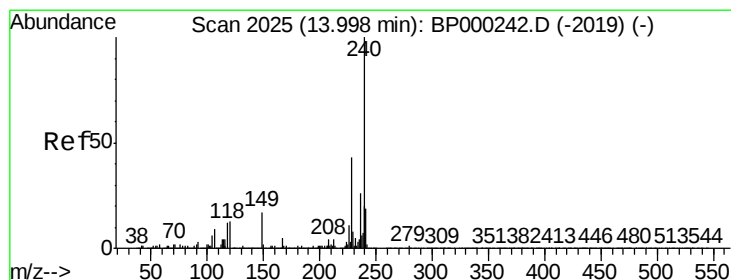
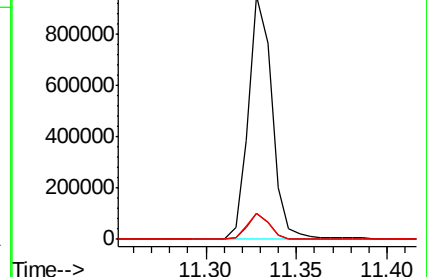
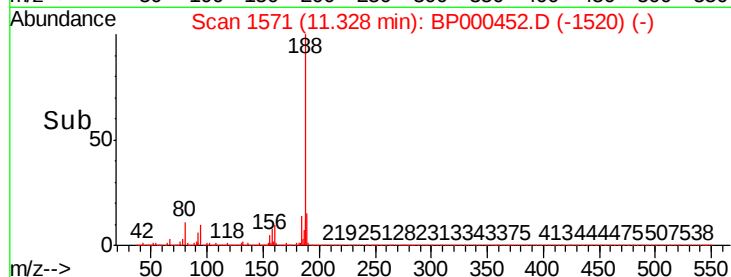
80 10.8 8.6 13.0



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: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BP000452.D

Acq: 27 Sep 2019 13:06

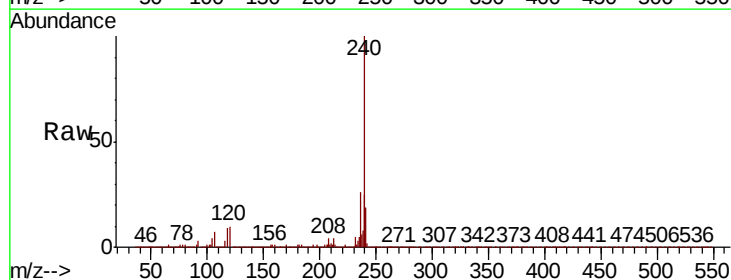
Tgt Ion:240 Resp: 787668

Ion Ratio Lower Upper

240 100

120 10.3 10.4 15.6#

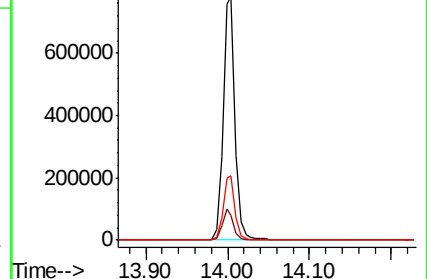
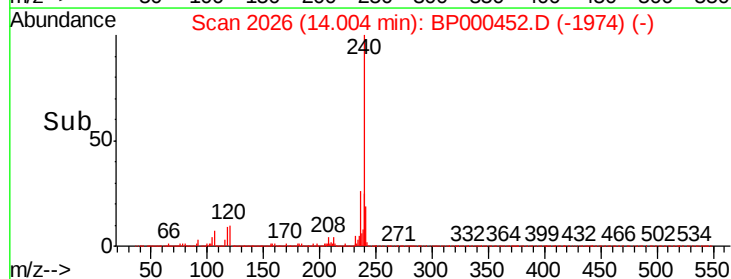
236 26.3 21.0 31.6

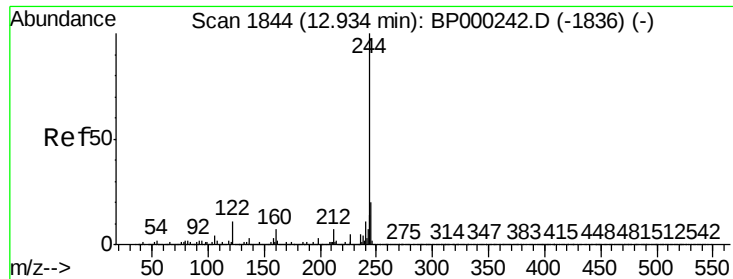


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

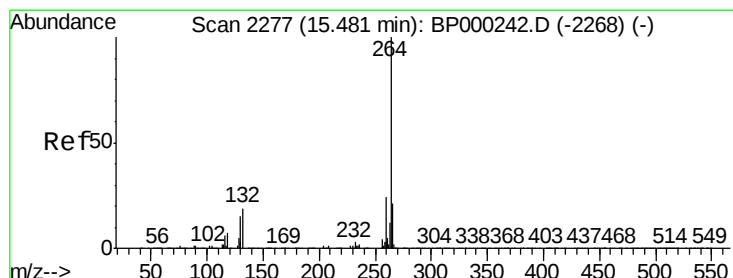
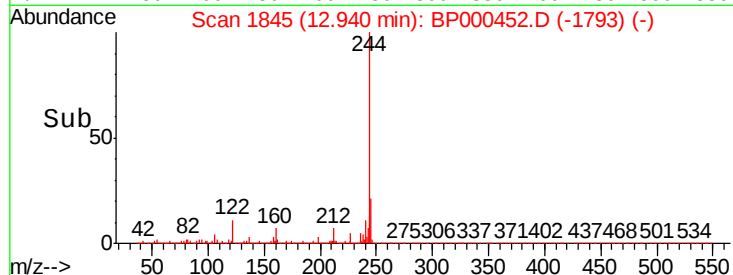
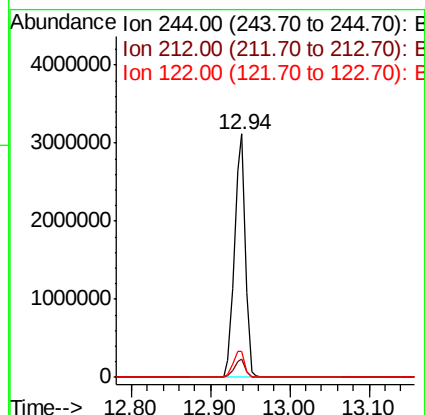
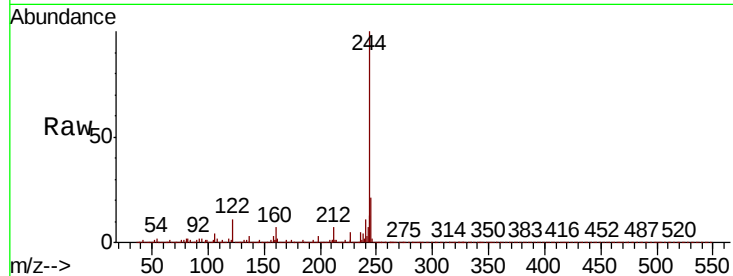




#79
 Terphenyl-d14
 Concen: 78.624 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BP000452.D
 Acq: 27 Sep 2019 13:06

Instrument :
 BNA_P
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 PB123396TB

Tot Ion:244 Resp: 2952058
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.8 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BP000452.D
 Acq: 27 Sep 2019 13:06

Tgt Ion:264 Resp: 868859
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 22.0 17.2 25.8

