

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
 Data File : BP000321.D
 Acq On : 19 Sep 2019 11:36
 Operator : HP/JU
 Sample : PB123205TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB123205TB

Quant Time: Sep 20 04:28:33 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	273006	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1009605	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	558233	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1109037	20.00	ng	0.00
76) Chrysene-d12	13.99	240	1012842	20.00	ng	0.00
87) Perylene-d12	15.47	264	1087072	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1805692	114.18	ng	0.02
7) Phenol-d6	6.43	99	2230900	115.09	ng	0.00
23) Nitrobenzene-d5	7.35	82	1279075	81.74	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	846777	152.93	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2935780	94.65	ng	0.00
79) Terphenyl-d14	12.93	244	3942683	81.66	ng	0.00

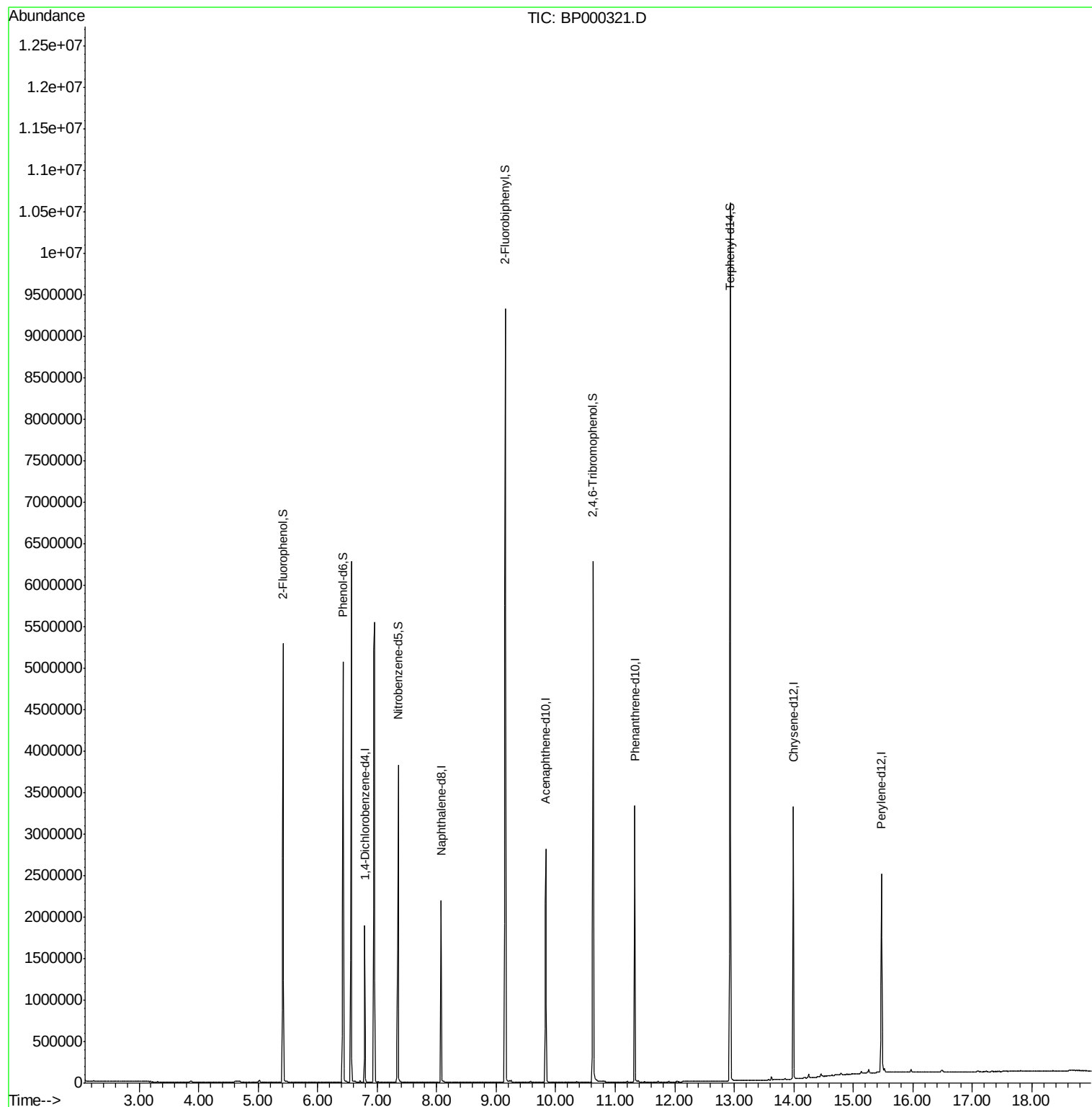
Target Compounds Qvalue

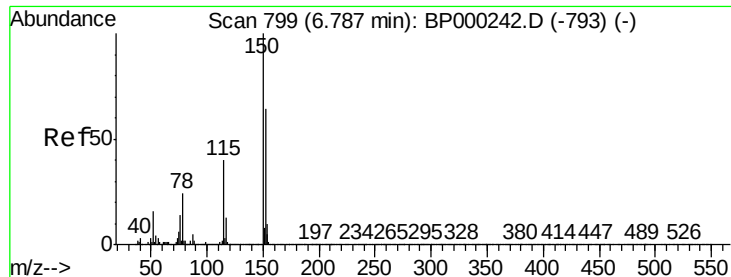
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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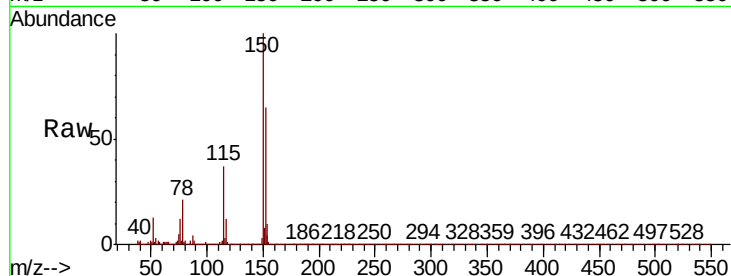


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BP000321.D
 Acq: 19 Sep 2019 11:36

Instrument :
 BNA_P
 ClientSampleId :
 PB123205TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.2	187.8
115	57.3	49.7	74.5

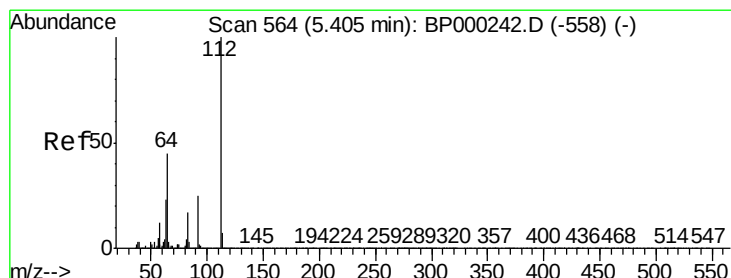
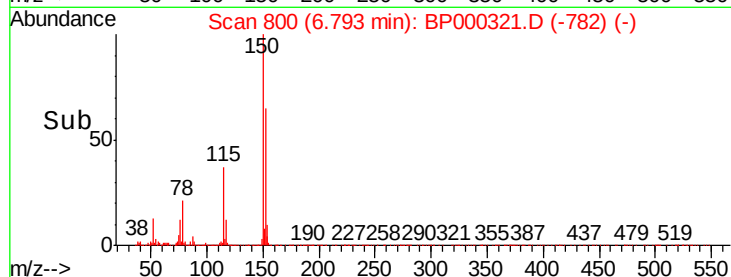
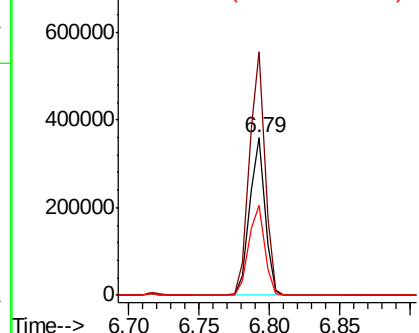


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

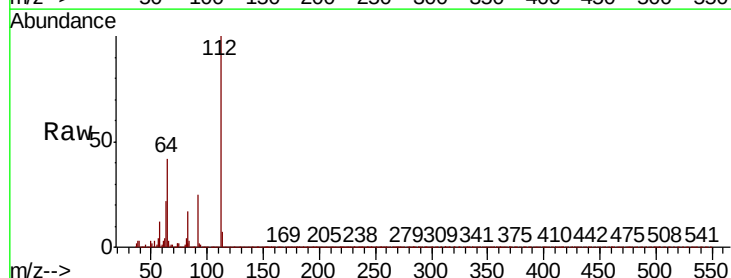
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 114.183 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.02 min
 Lab File: BP000321.D
 Acq: 19 Sep 2019 11:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.3	36.2	54.4
63	22.3	18.3	27.5

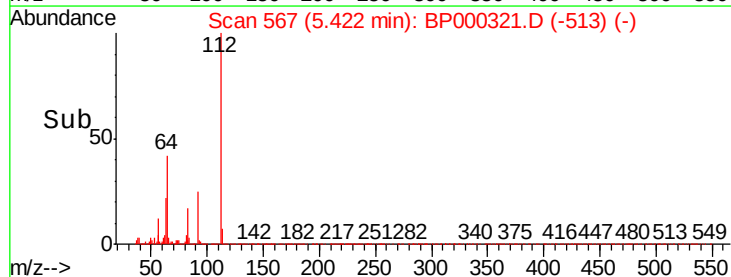
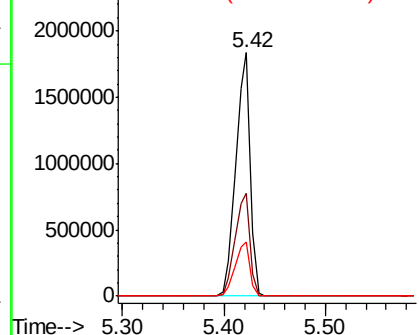


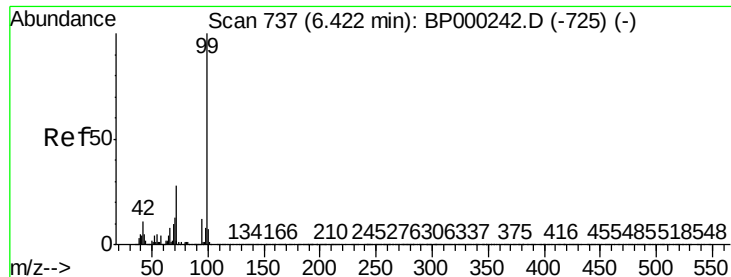
Abundance

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: 115.086 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000321.D

Acq: 19 Sep 2019 11:36

Instrument :

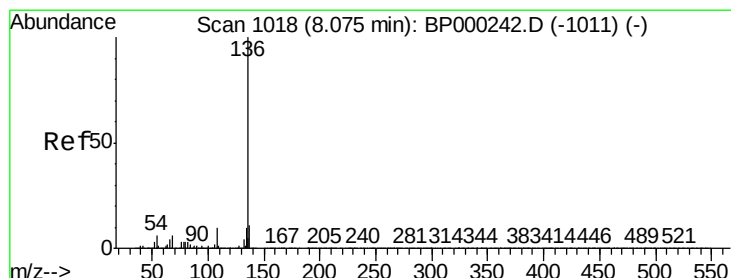
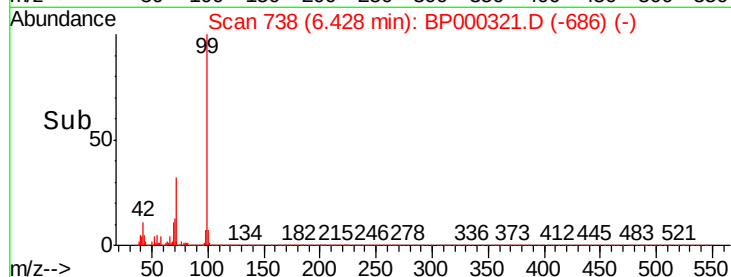
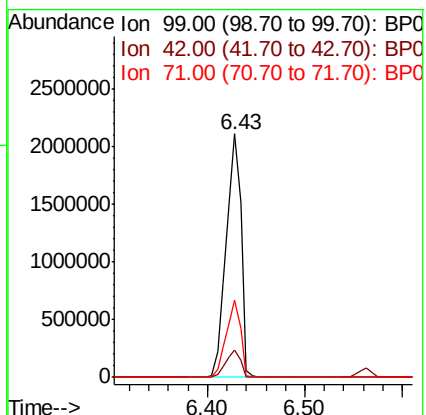
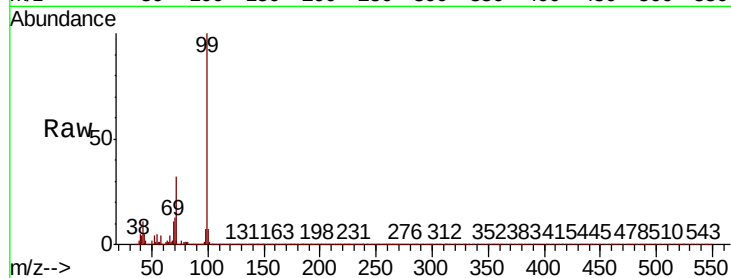
BNA_P

ClientSampleId :

PB123205TB

Tot Ion: 99 Resp: 2230900

Ion	Ratio	Lower	Upper
99	100		
42	11.3	8.5	12.7
71	31.8	22.6	34.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

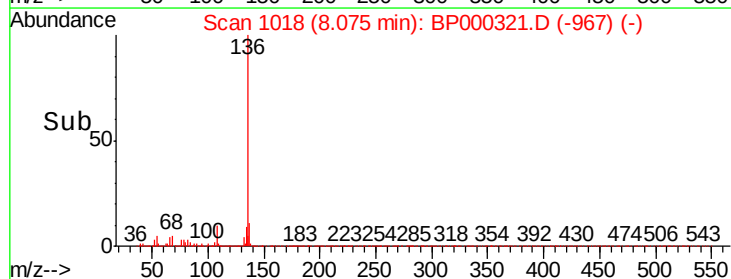
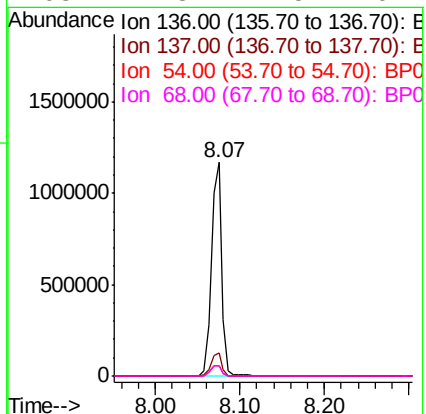
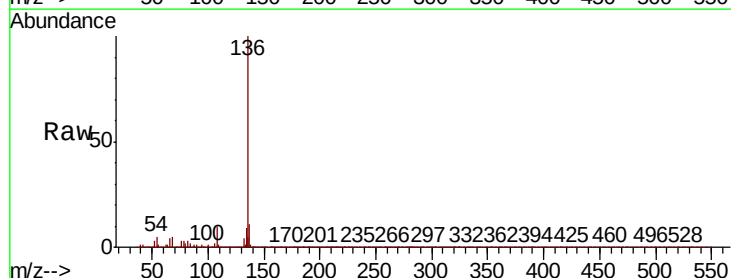
Delta R.T. -0.00 min

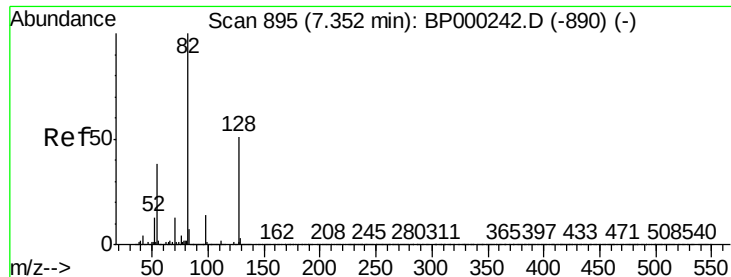
Lab File: BP000321.D

Acq: 19 Sep 2019 11:36

Tgt Ion: 136 Resp: 1009605

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	4.9	4.5	6.7
68	4.8	4.5	6.7

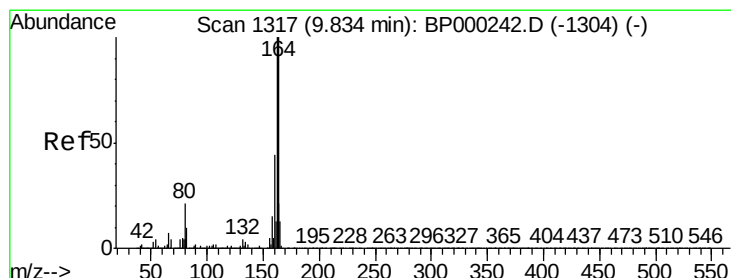
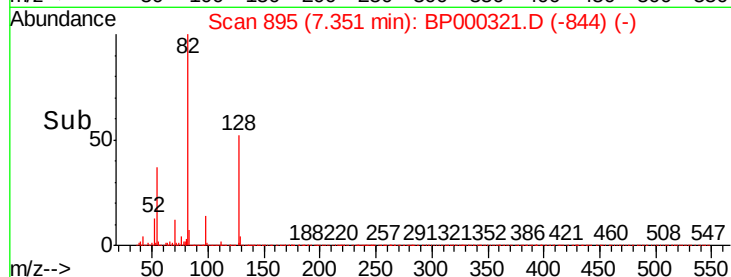
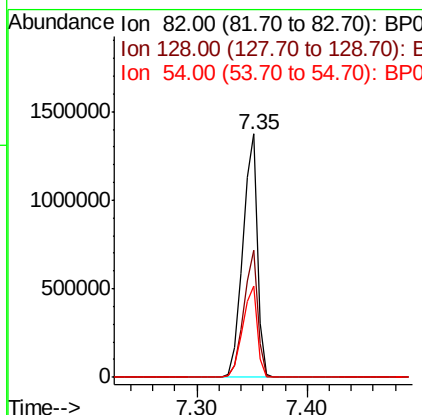
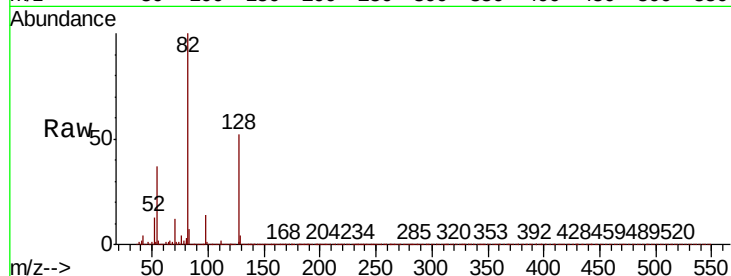




#23
Nitrobenzene-d5
Concen: 81.740 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000321.D
Acq: 19 Sep 2019 11:36

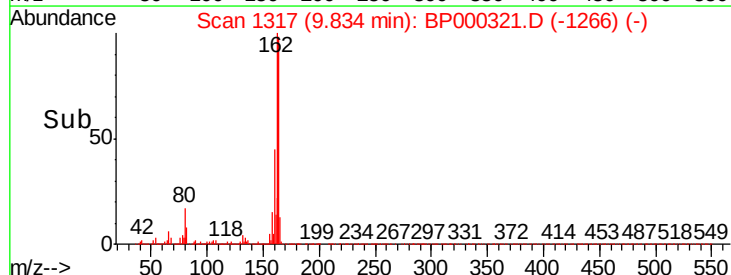
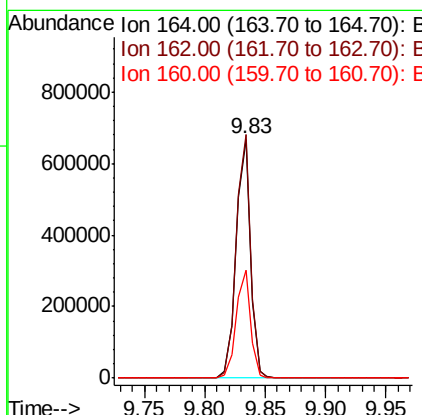
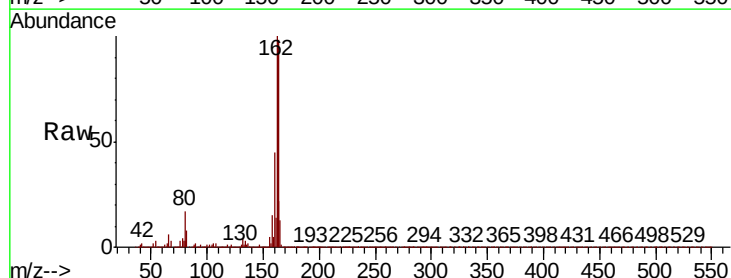
Instrument :
BNA_P
ClientSampleId :
PB123205TB

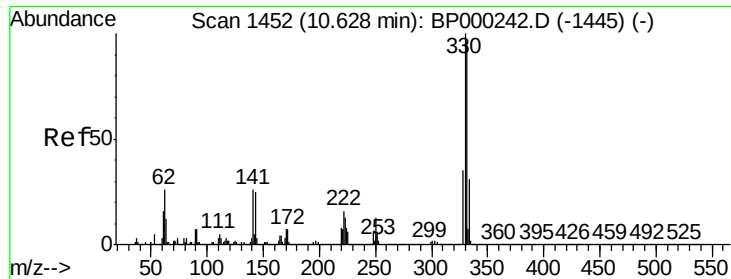
Tot Ion: 82 Resp: 1279075
Ion Ratio Lower Upper
82 100
128 52.2 40.7 61.1
54 37.3 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000321.D
Acq: 19 Sep 2019 11:36

Tgt Ion: 164 Resp: 558233
Ion Ratio Lower Upper
164 100
162 101.9 79.9 119.9
160 45.4 35.6 53.4

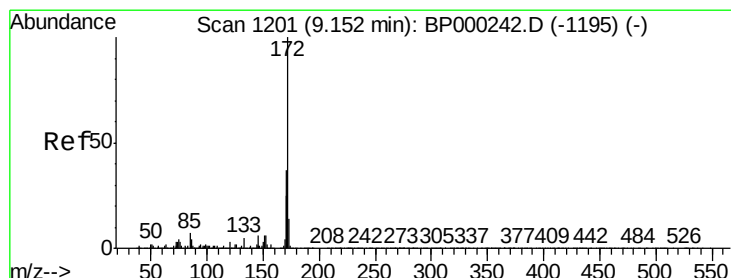
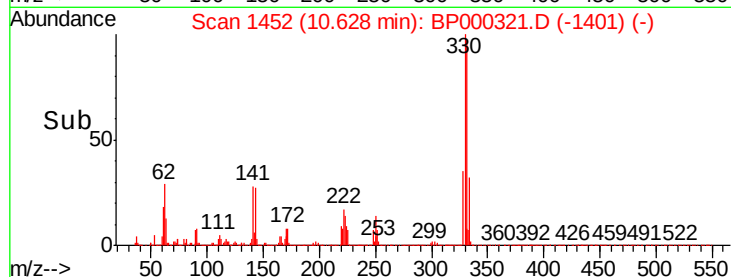
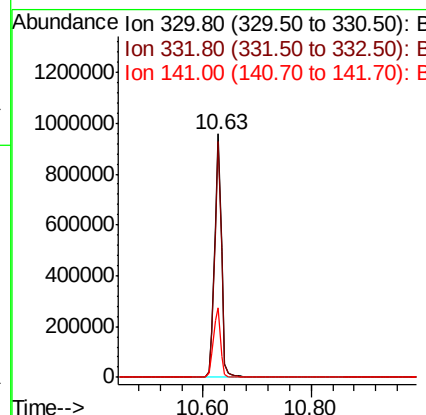
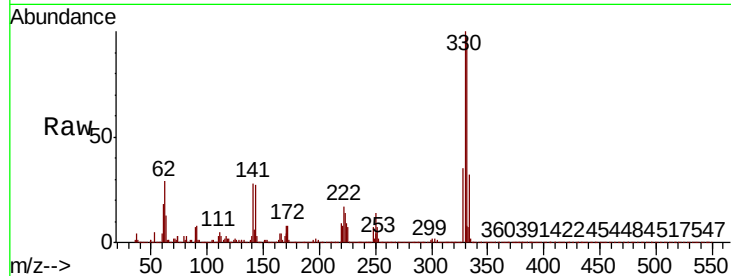




#42
 2,4,6-Tribromophenol
 Concen: 152.933 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BP000321.D
 Acq: 19 Sep 2019 11:36

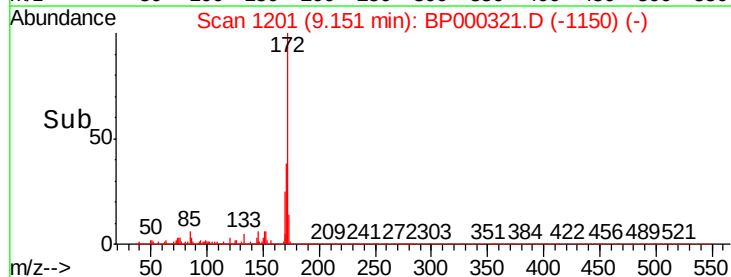
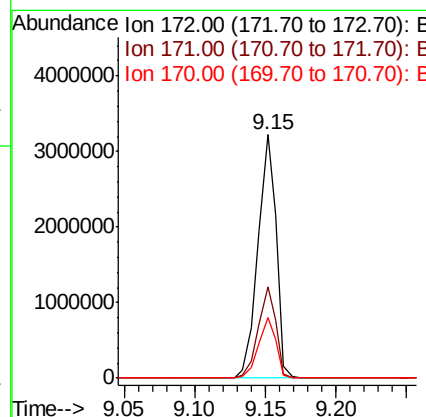
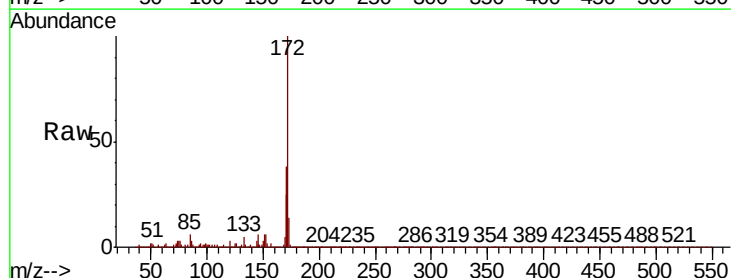
Instrument :
 BNA_P
 ClientSampleId :
 PB123205TB

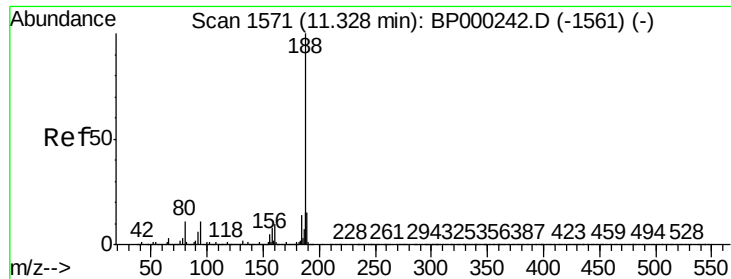
Tot Ion:330 Resp: 846777
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 29.7 26.5 39.7



#45
 2-Fluorobiphenyl
 Concen: 94.653 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BP000321.D
 Acq: 19 Sep 2019 11:36

Tgt Ion:172 Resp: 2935780
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 24.8 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BP000321.D

Acq: 19 Sep 2019 11:36

Instrument :

BNA_P

ClientSampleId :

PB123205TB

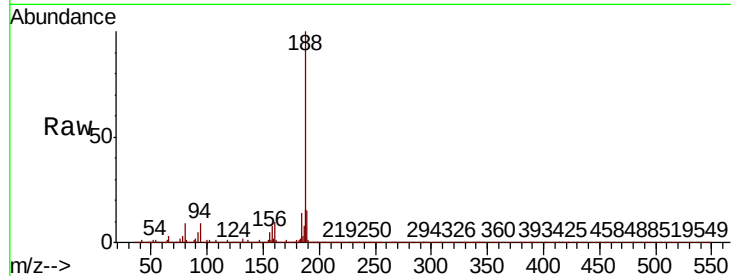
Tot Ion:188 Resp: 1109037

Ion Ratio Lower Upper

188 100

94 8.6 8.5 12.7

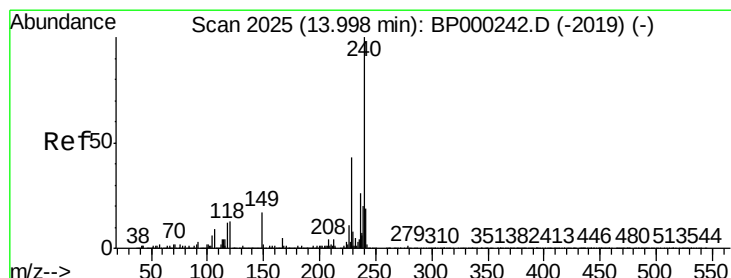
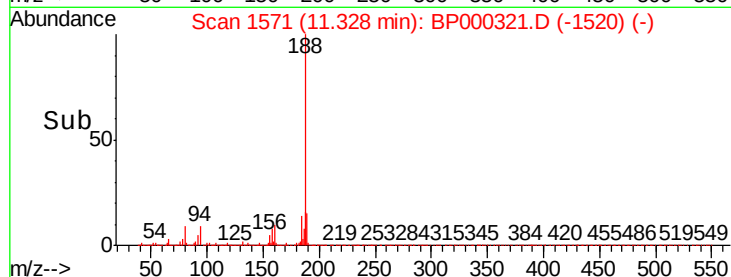
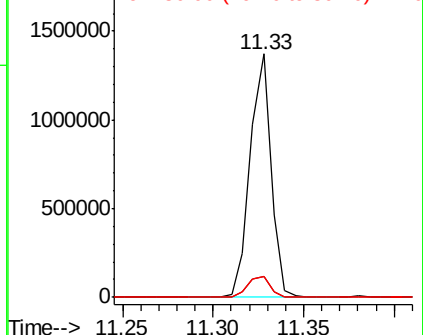
80 8.8 8.6 13.0



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: BP000321.D

Acq: 19 Sep 2019 11:36

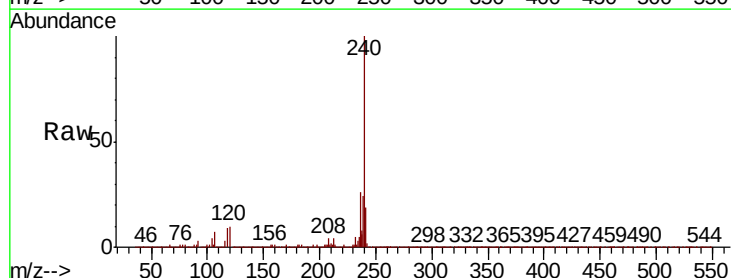
Tgt Ion:240 Resp: 1012842

Ion Ratio Lower Upper

240 100

120 10.2 10.4 15.6#

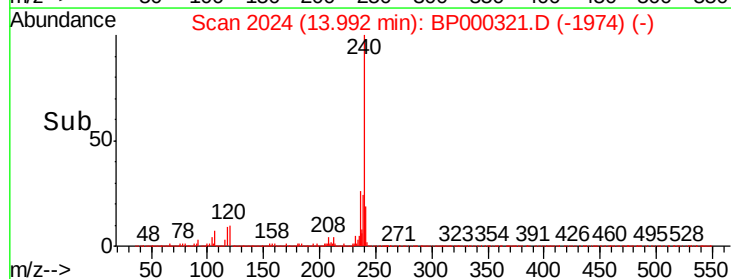
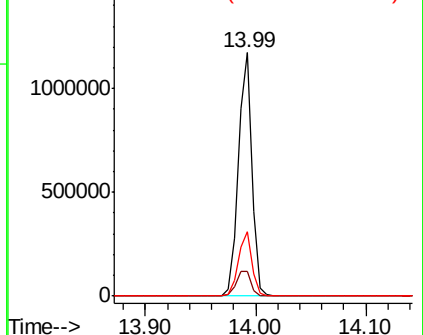
236 26.2 21.0 31.6

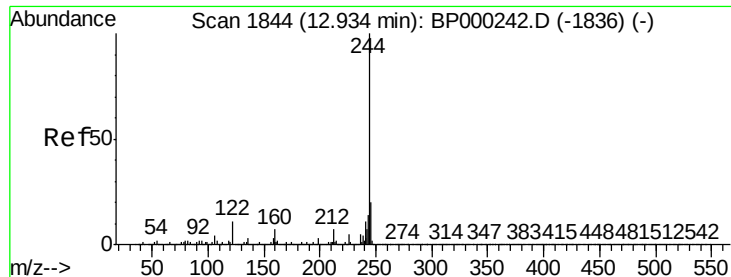


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.663 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BP000321.D

Acq: 19 Sep 2019 11:36

Instrument :

BNA_P

ClientSampleId :

PB123205TB

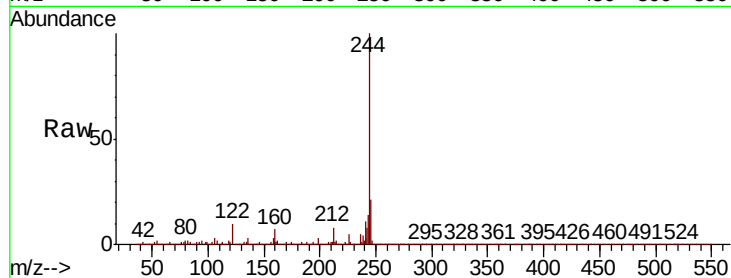
Tot Ion:244 Resp: 3942683

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	9.7	9.0	13.4

244 100

212 7.8 5.9 8.9

122 9.7 9.0 13.4

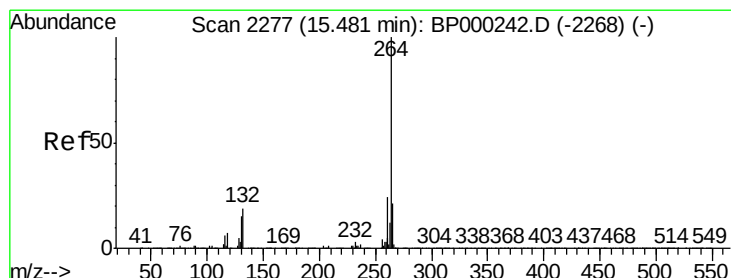
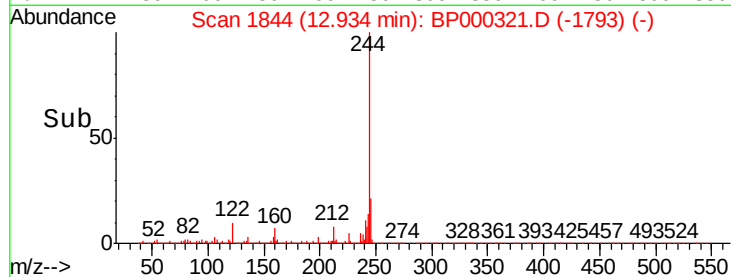
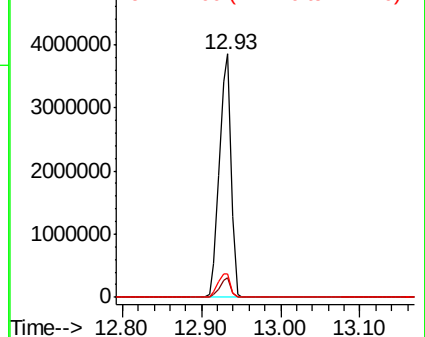


Abundance

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: BP000321.D

Acq: 19 Sep 2019 11:36

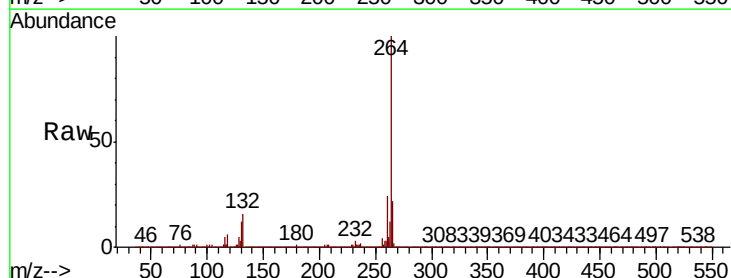
Tgt Ion:264 Resp: 1087072

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.8	17.2	25.8

264 100

260 23.6 18.9 28.3

265 21.8 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

