

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
 Data File : BP000328.D
 Acq On : 19 Sep 2019 14:29
 Operator : HP/JU
 Sample : K4944-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMP

Quant Time: Sep 20 05:02:37 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	235896	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	878180	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	509343	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	907838	20.00	ng	0.00
76) Chrysene-d12	13.99	240	688032	20.00	ng	0.00
87) Perylene-d12	15.48	264	752099	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1542922	112.92	ng	0.02
7) Phenol-d6	6.43	99	1776769	106.08	ng	0.01
23) Nitrobenzene-d5	7.35	82	1208653	88.80	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	806211	159.58	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2871307	101.46	ng	0.00
79) Terphenyl-d14	12.93	244	3262674	99.48	ng	0.00

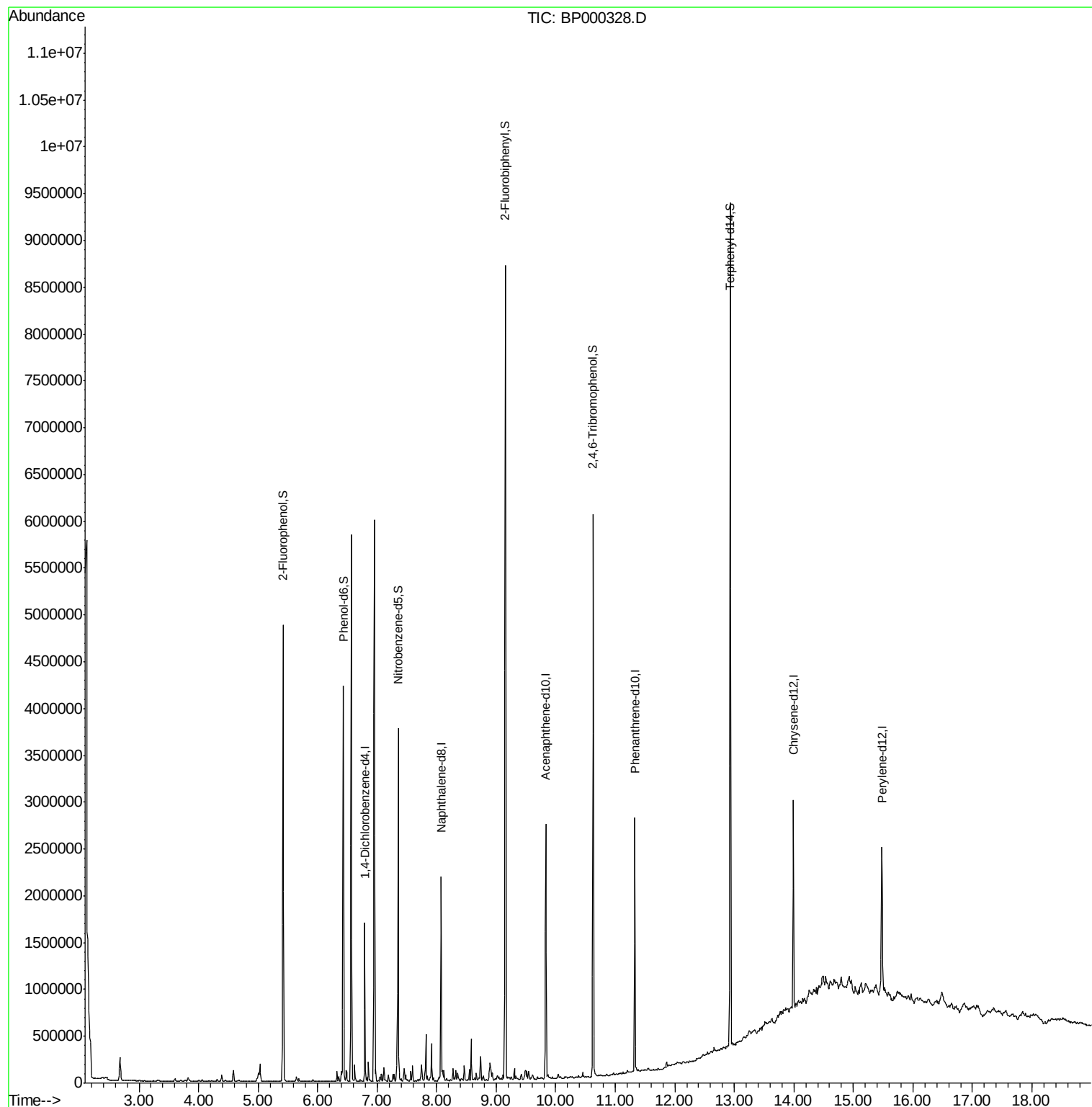
Target Compounds Qvalue

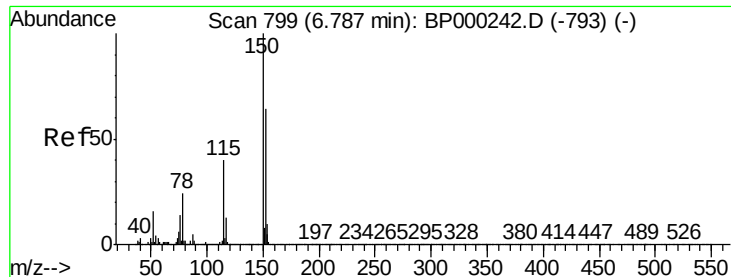
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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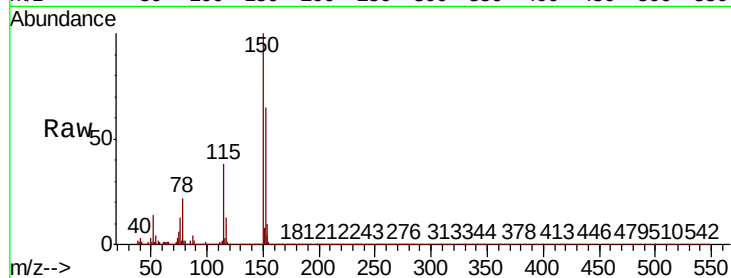


#1

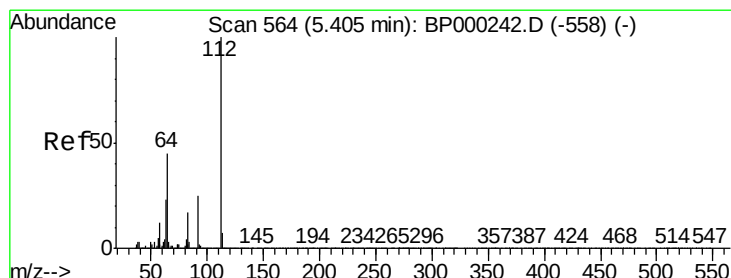
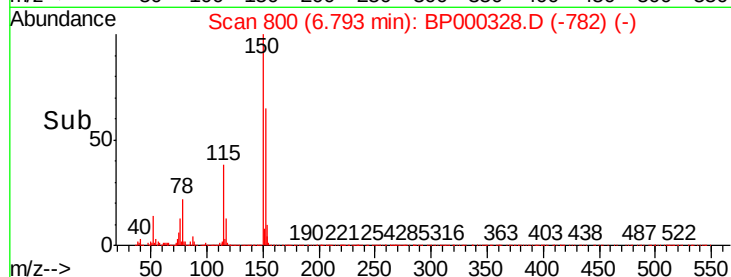
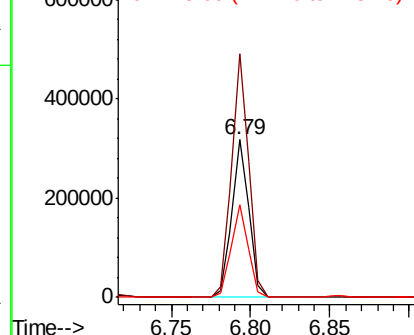
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000328.D
Acq: 19 Sep 2019 14:29

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.2	187.8
115	58.7	49.7	74.5



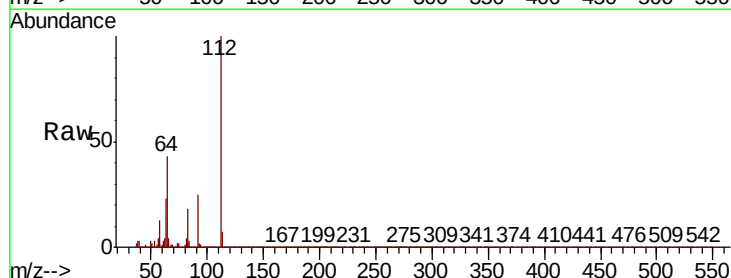
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



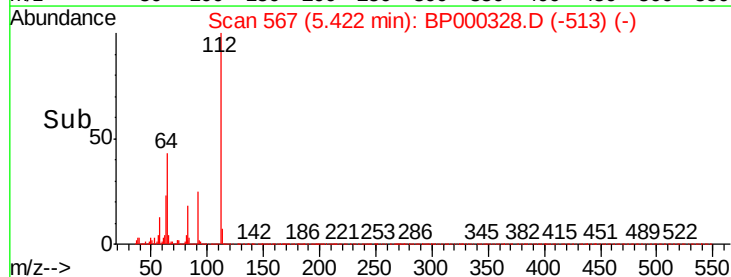
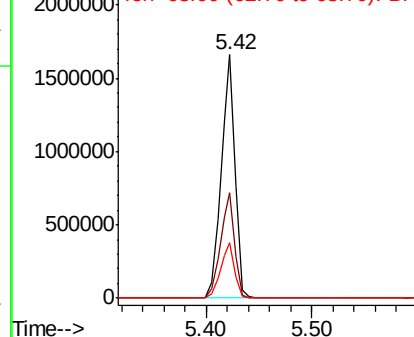
#5

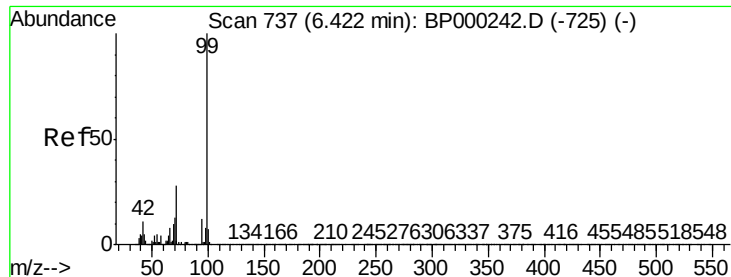
2-Fluorophenol
Concen: 112.915 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000328.D
Acq: 19 Sep 2019 14:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.5	36.2	54.4
63	23.0	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: 106.078 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000328.D

Acq: 19 Sep 2019 14:29

Instrument :

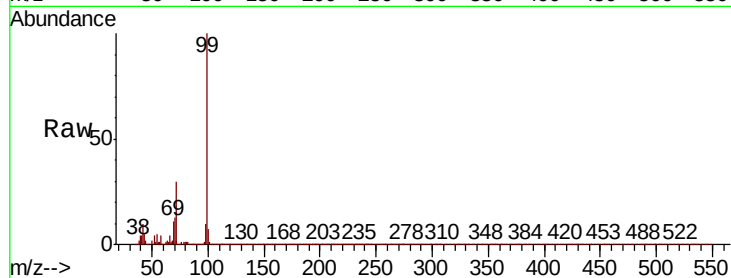
BNA_P

ClientSampleId :

DRUM-COMP

Tot Ion: 99 Resp: 1776769

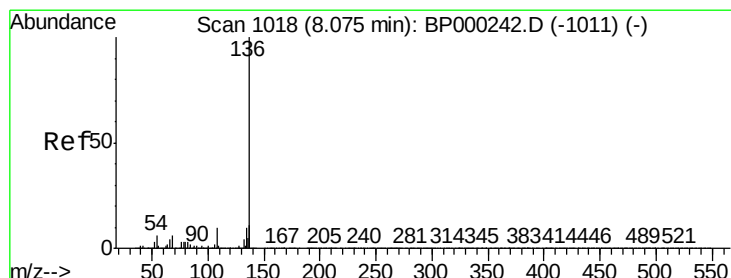
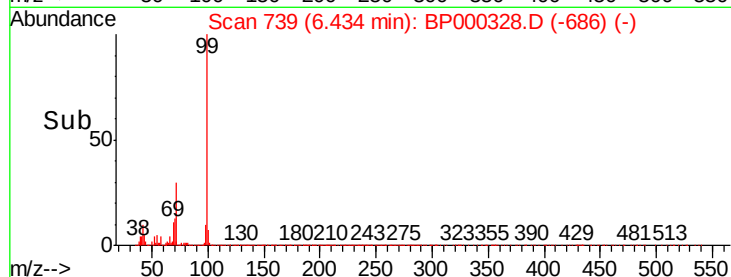
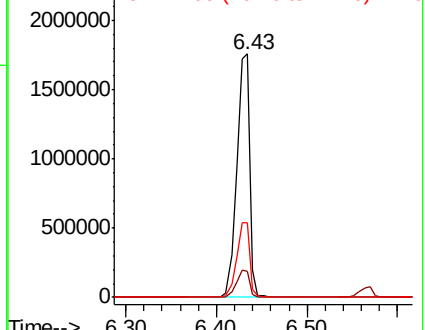
Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.5	12.7
71	30.4	22.6	34.0



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: 8.08 min Scan# 1018

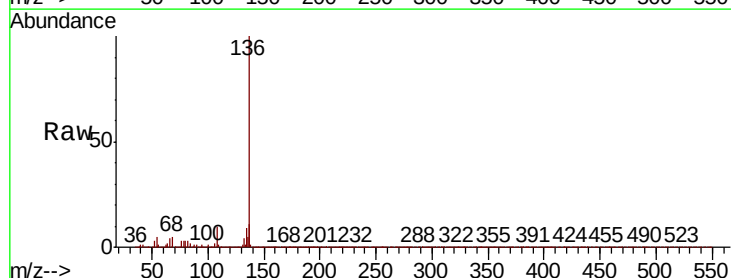
Delta R.T. 0.00 min

Lab File: BP000328.D

Acq: 19 Sep 2019 14:29

Tgt Ion: 136 Resp: 878180

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	5.1	4.5	6.7
68	5.0	4.5	6.7

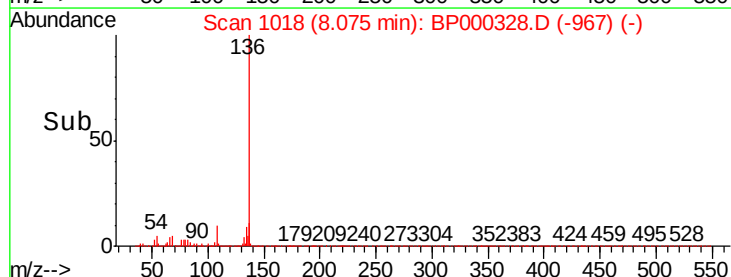
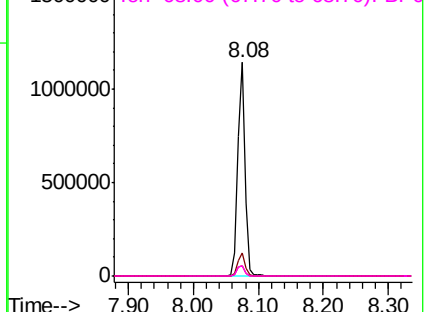


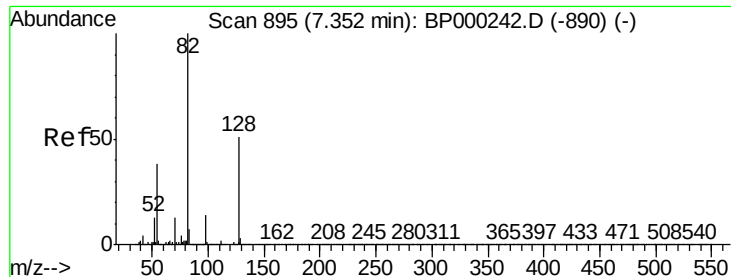
Abundance Ion 136.00 (135.70 to 136.70): E

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

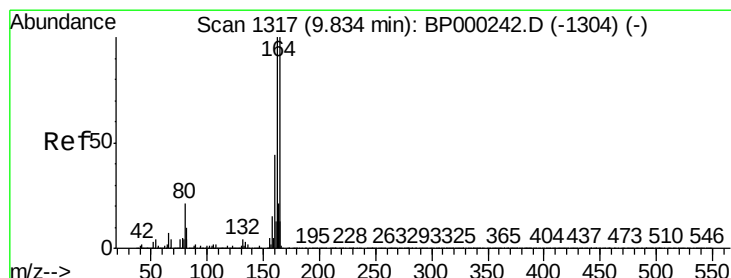
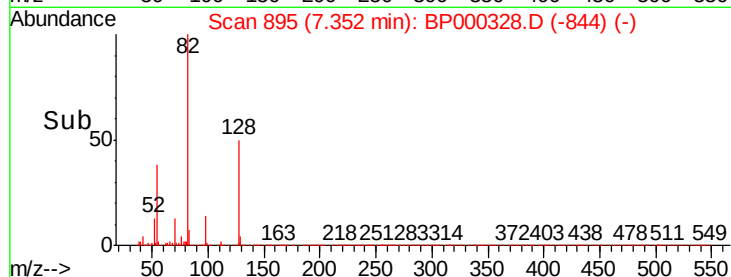
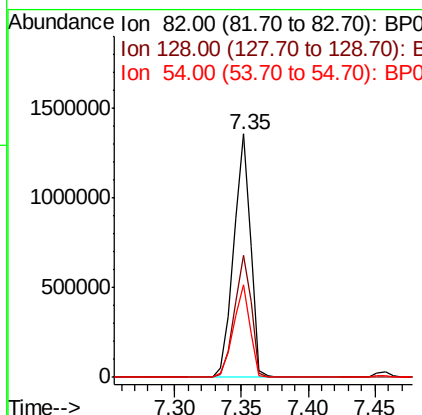
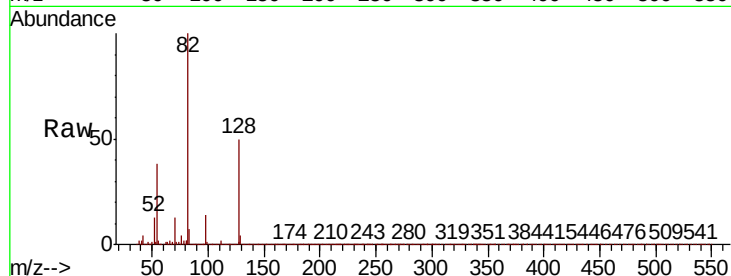




#23
 Nitrobenzene-d5
 Concen: 88.799 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BP000328.D
 Acq: 19 Sep 2019 14:29

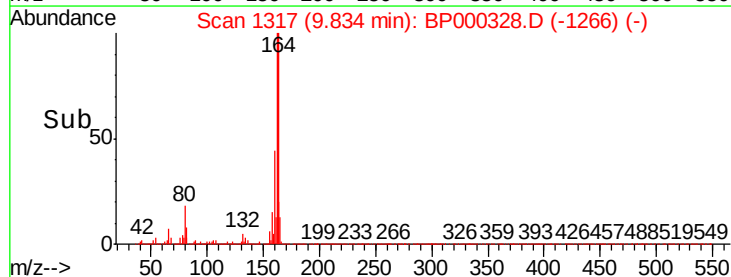
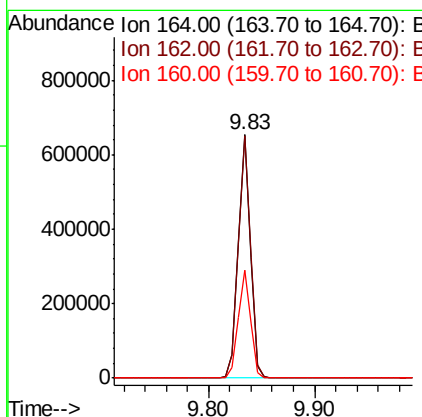
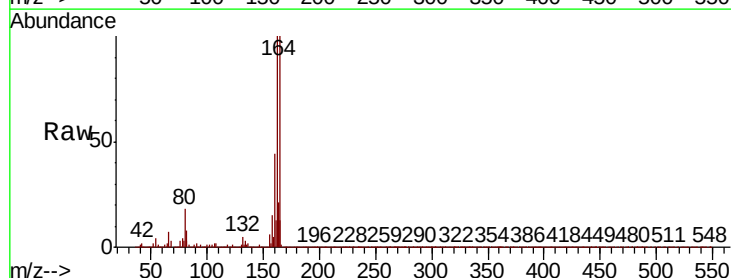
Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMP

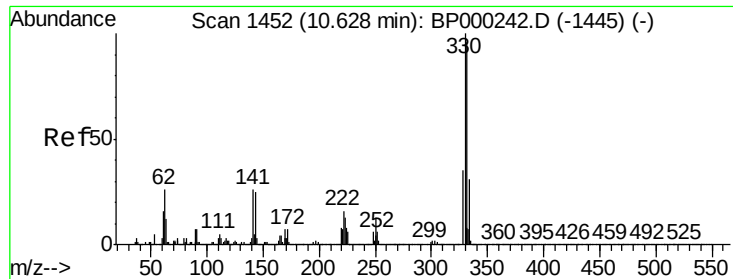
Tot Ion: 82 Resp: 1208653
 Ion Ratio Lower Upper
 82 100
 128 50.3 40.7 61.1
 54 38.0 30.1 45.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BP000328.D
 Acq: 19 Sep 2019 14:29

Tgt Ion: 164 Resp: 509343
 Ion Ratio Lower Upper
 164 100
 162 99.8 79.9 119.9
 160 44.3 35.6 53.4

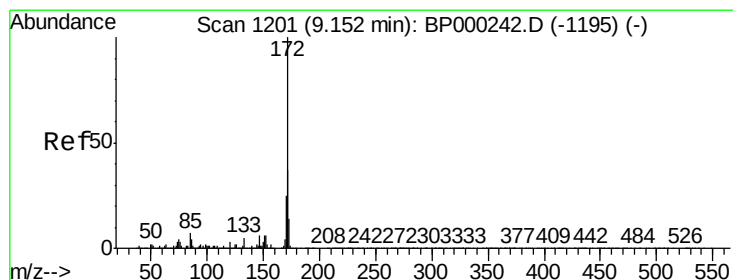
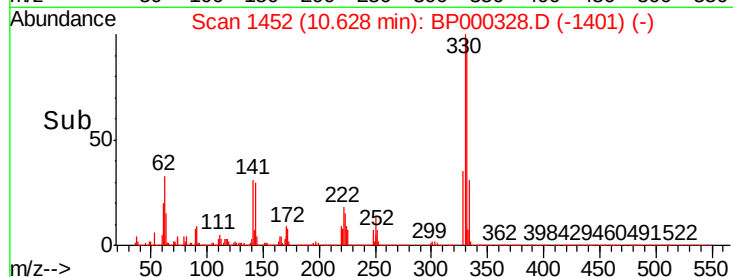
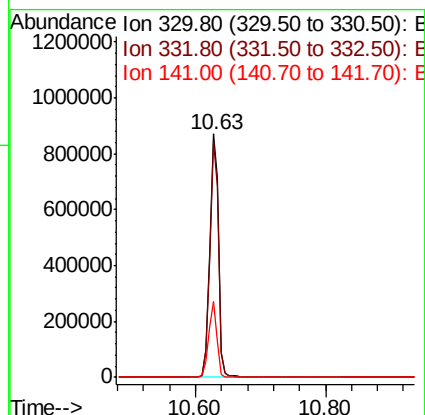
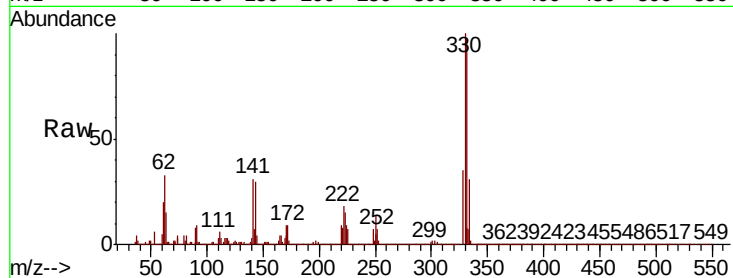




#42
2,4,6-Tribromophenol
Concen: 159.583 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BP000328.D
Acq: 19 Sep 2019 14:29

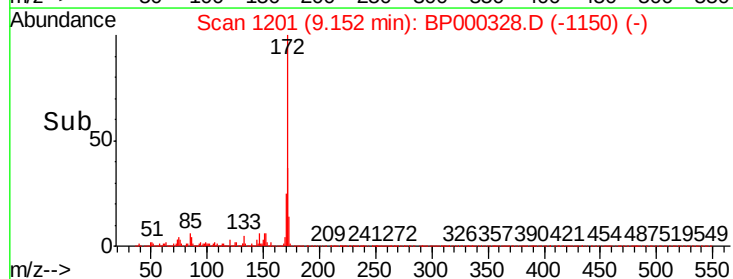
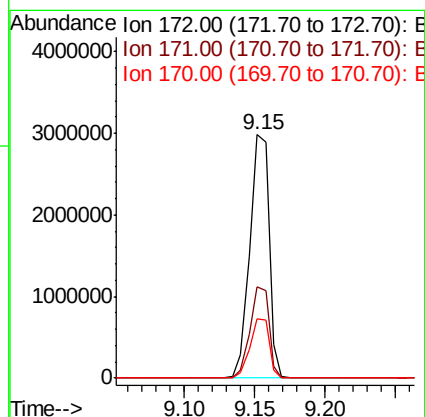
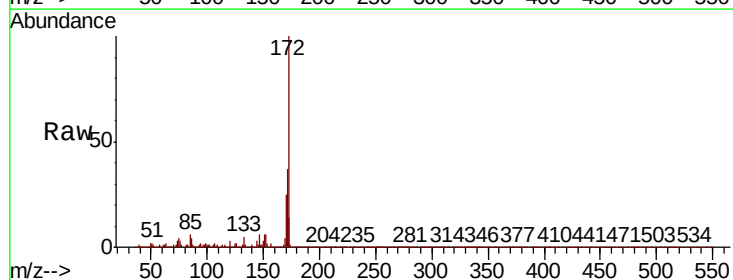
Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

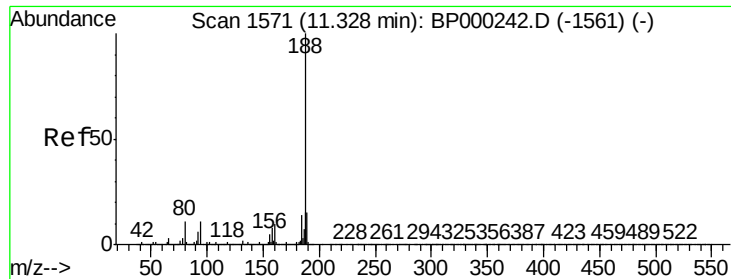
Tot Ion:330 Resp: 806211
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 29.4 26.5 39.7



#45
2-Fluorobiphenyl
Concen: 101.460 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000328.D
Acq: 19 Sep 2019 14:29

Tgt Ion:172 Resp: 2871307
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.6
170 24.6 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: BP000328.D

Acq: 19 Sep 2019 14:29

Instrument :

BNA_P

ClientSampleId :

DRUM-COMP

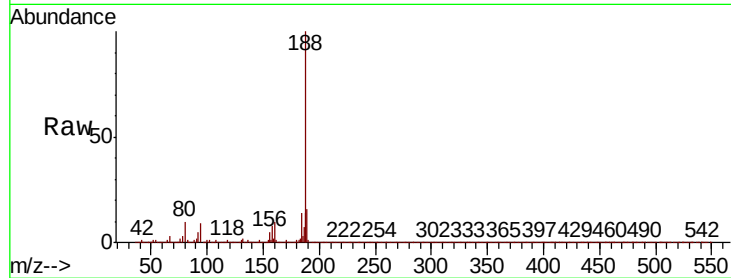
Tot Ion:188 Resp: 907838

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

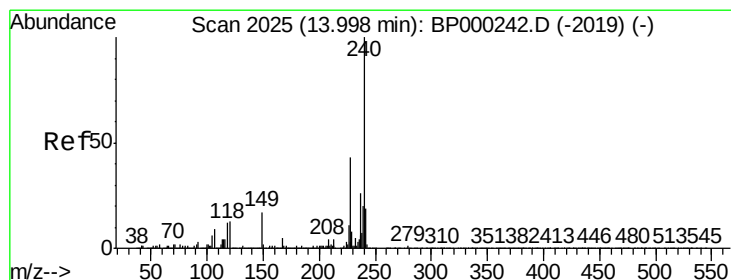
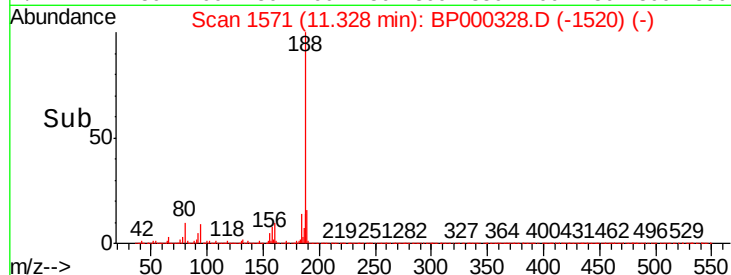
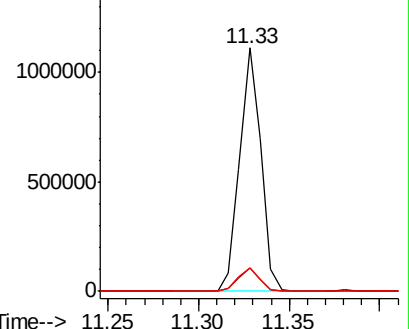
80 9.8 8.6 13.0



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: BP000328.D

Acq: 19 Sep 2019 14:29

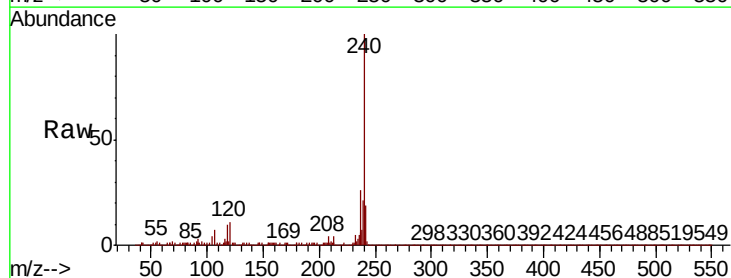
Tgt Ion:240 Resp: 688032

Ion Ratio Lower Upper

240 100

120 10.8 10.4 15.6

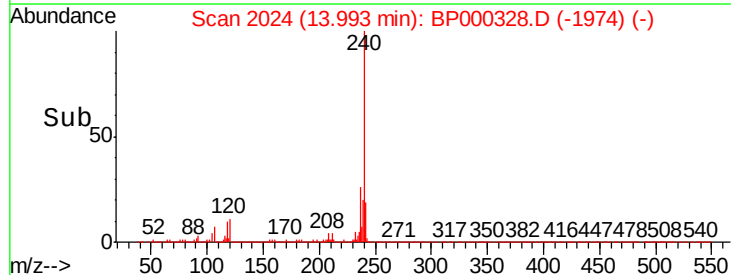
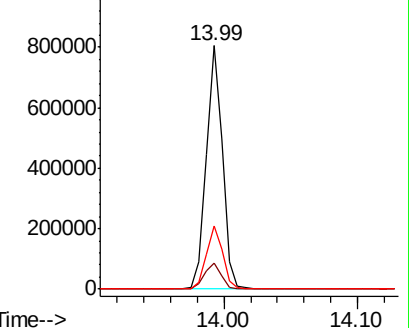
236 25.7 21.0 31.6

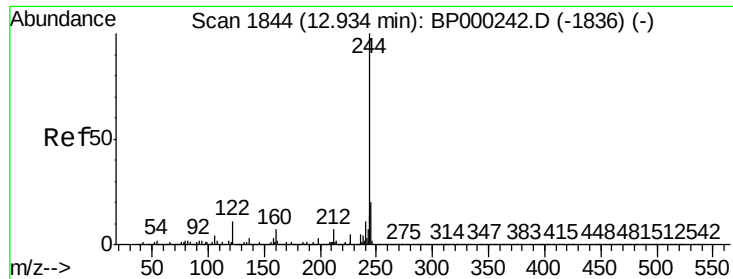


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

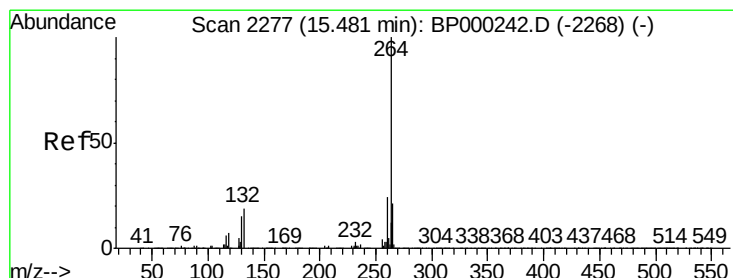
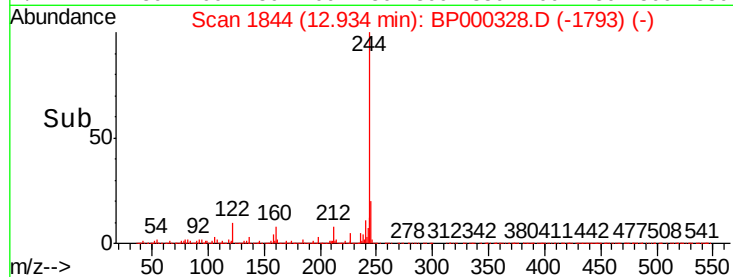
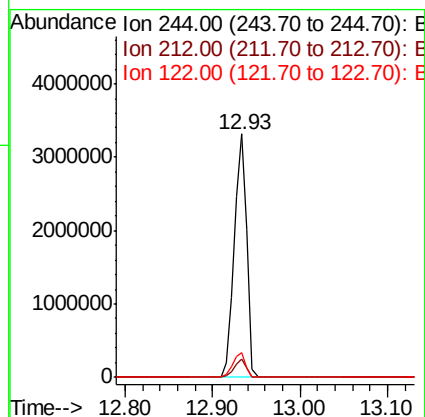
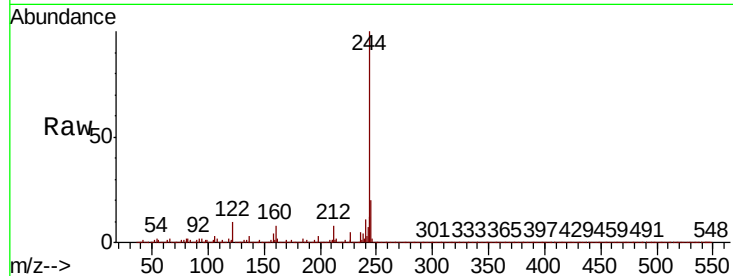




#79
 Terphenyl-d14
 Concen: 99.481 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BP000328.D
 Acq: 19 Sep 2019 14:29

Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMP

Tot Ion:244 Resp: 3262674
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 10.1 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BP000328.D
 Acq: 19 Sep 2019 14:29

Tgt Ion:264 Resp: 752099
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.3 17.2 25.8

