

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
 Data File : BP000324.D
 Acq On : 19 Sep 2019 12:53
 Operator : HP/JU
 Sample : K4878-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TPA-9

Quant Time: Sep 20 04:42:34 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

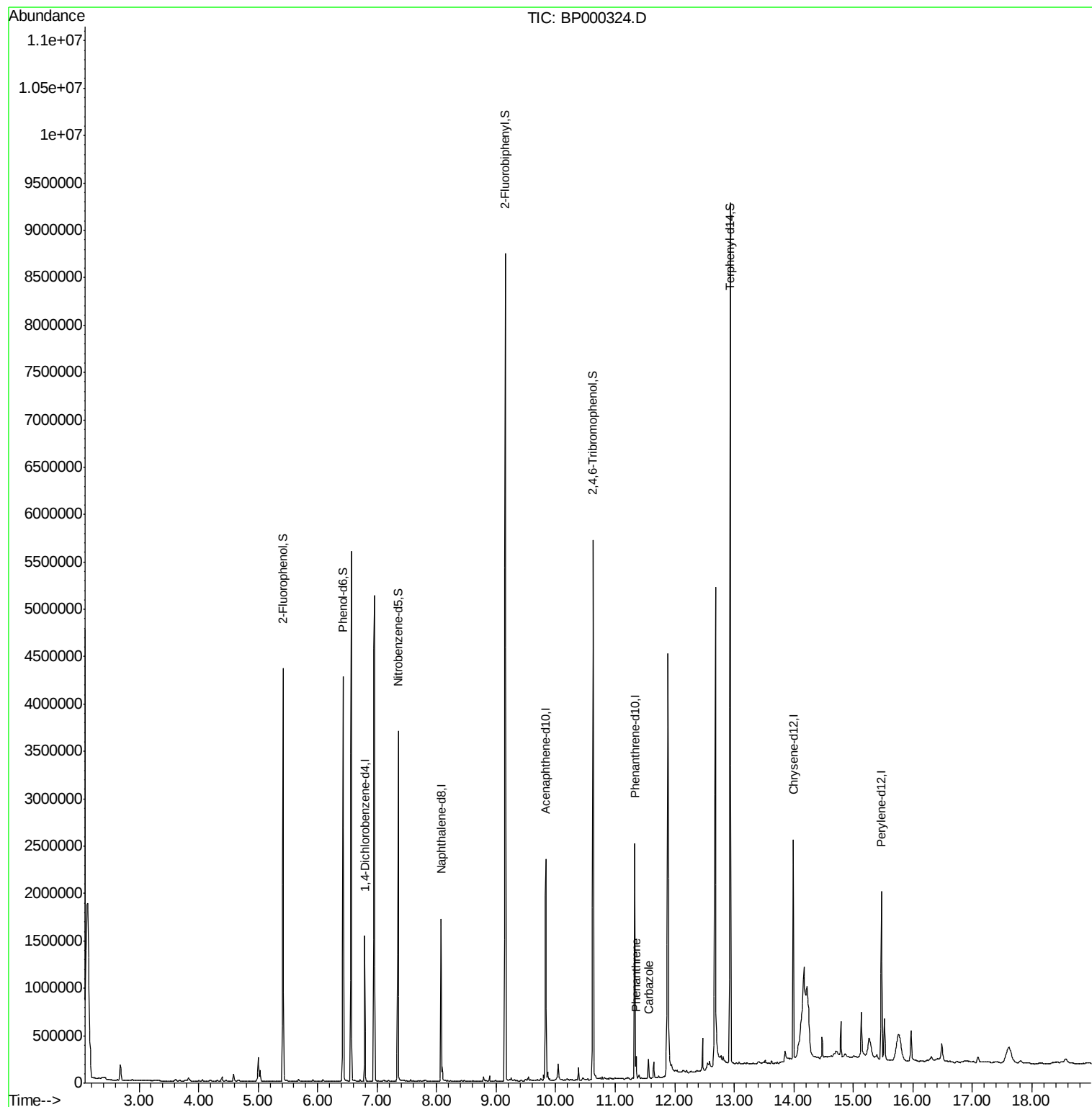
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	215755	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	791726	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	449722	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	852013	20.00	ng	0.00
76) Chrysene-d12	13.99	240	757346	20.00	ng	0.00
87) Perylene-d12	15.47	264	831302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1460717	116.88	ng	0.02
7) Phenol-d6	6.43	99	1695785	110.69	ng	0.00
23) Nitrobenzene-d5	7.35	82	1176829	95.90	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	766940	171.94	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2600606	104.08	ng	0.00
79) Terphenyl-d14	12.93	244	3285408	91.01	ng	0.00
Target Compounds						
71) Phenanthrene	11.35	178	90891	2.129	ng	98
73) Carbazole	11.56	167	87111	2.201	ng	96

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

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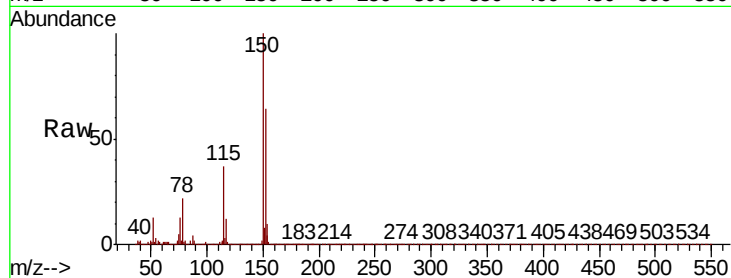


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000324.D
Acq: 19 Sep 2019 12:53

Instrument :
BNA_P
ClientSampleId :
TPA-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.2	187.8
115	58.3	49.7	74.5

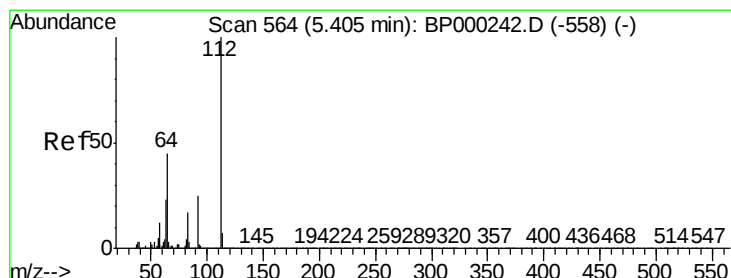
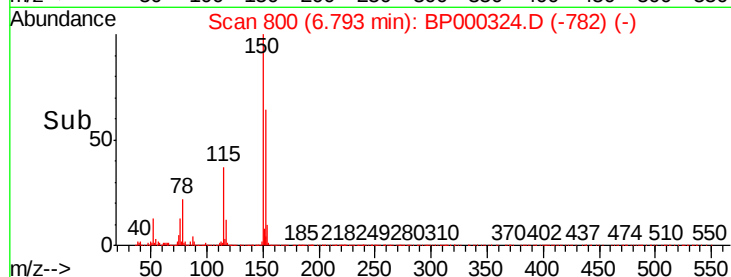
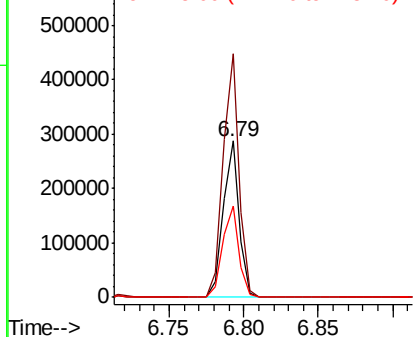


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

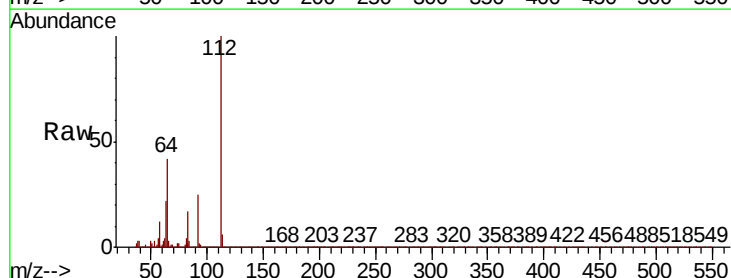
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.878 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000324.D
Acq: 19 Sep 2019 12:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.7	36.2	54.4
63	21.9	18.3	27.5

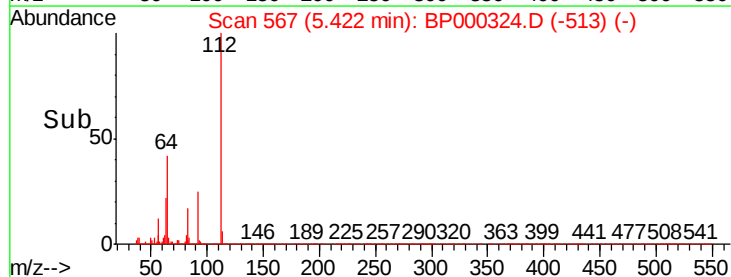
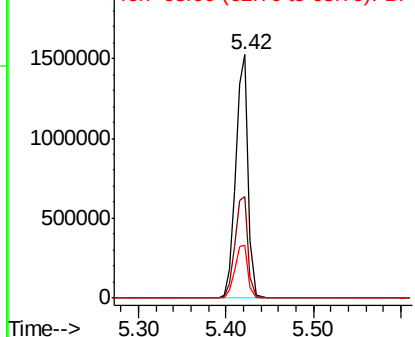


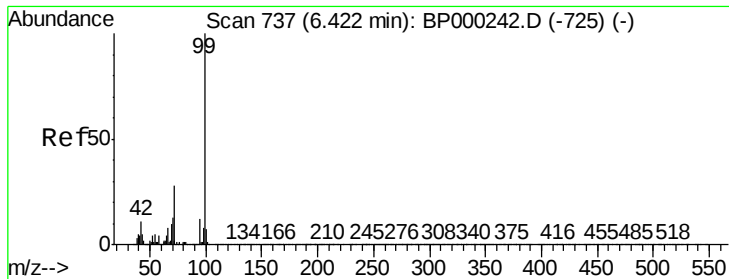
Abundance

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: 110.694 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000324.D

Acq: 19 Sep 2019 12:53

Instrument :

BNA_P

ClientSampleId :

TPA-9

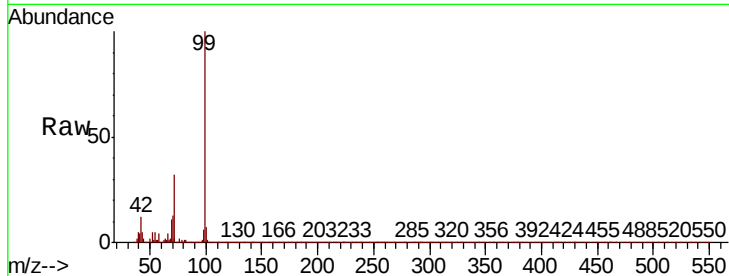
Tot Ion: 99 Resp: 1695785

Ion Ratio Lower Upper

99 100

42 11.6 8.5 12.7

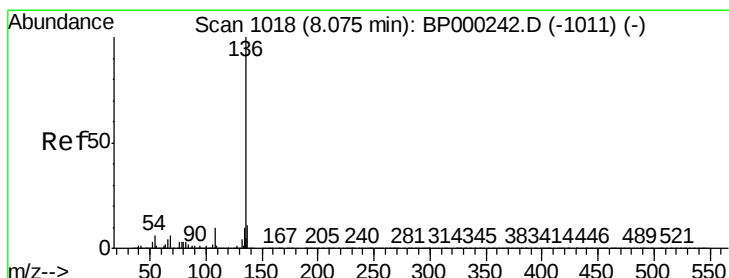
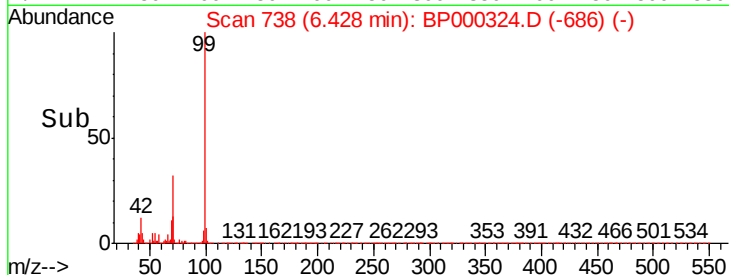
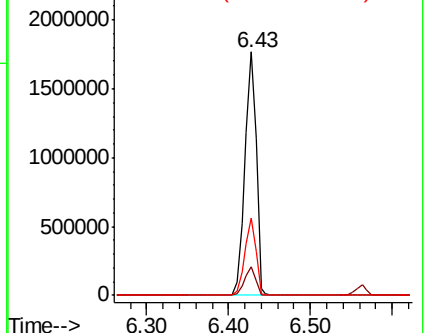
71 31.6 22.6 34.0



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# 1018

Delta R.T. -0.00 min

Lab File: BP000324.D

Acq: 19 Sep 2019 12:53

Tgt Ion: 136 Resp: 791726

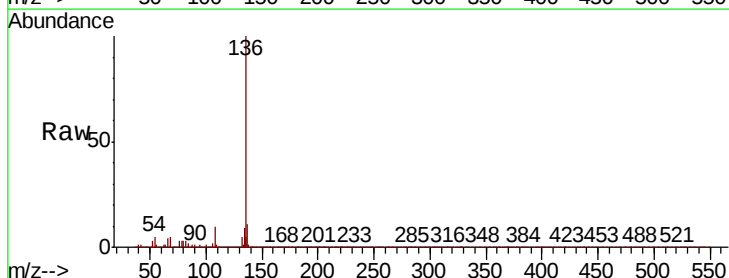
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 5.0 4.5 6.7

68 4.7 4.5 6.7

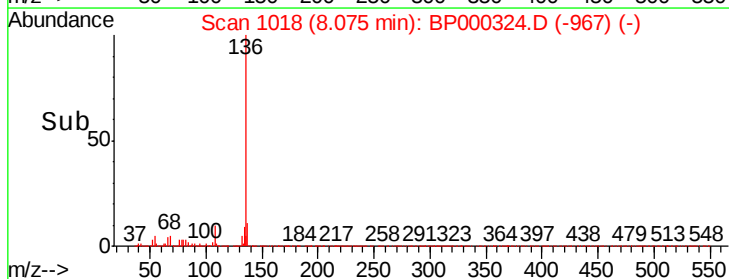
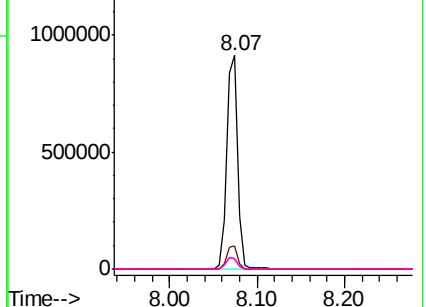


Abundance Ion 136.00 (135.70 to 136.70): E

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

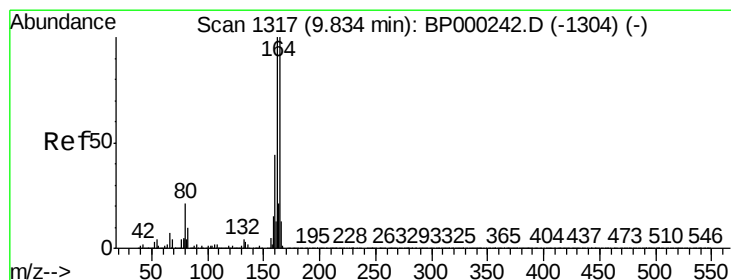
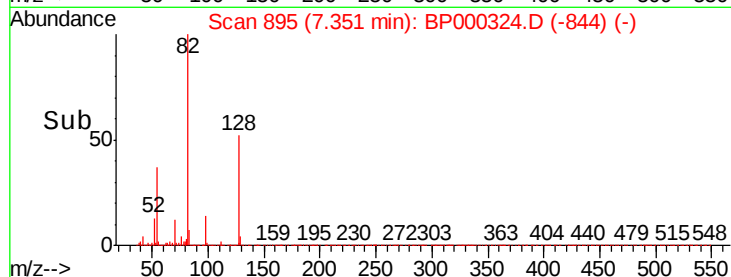
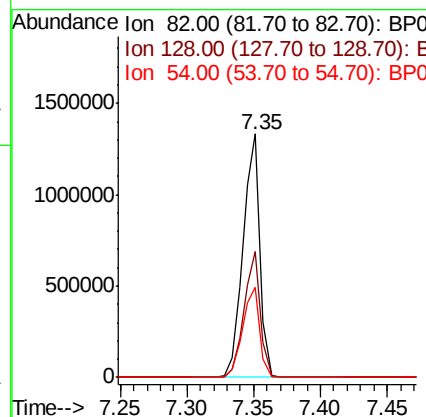
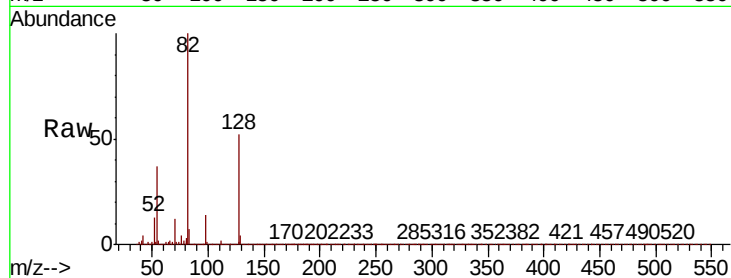




#23
Nitrobenzene-d5
Concen: 95.902 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000324.D
Acq: 19 Sep 2019 12:53

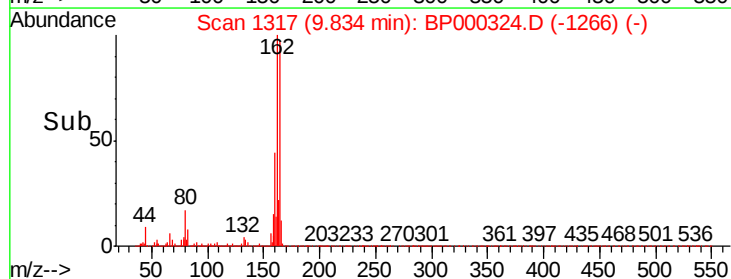
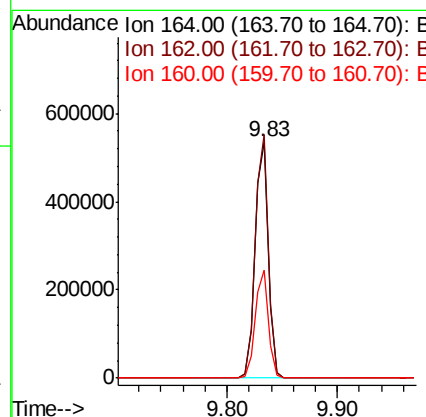
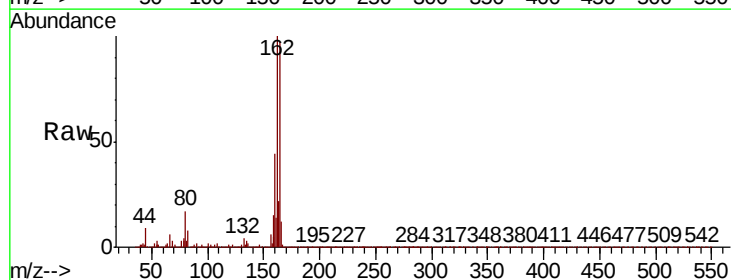
Instrument :
BNA_P
ClientSampleId :
TPA-9

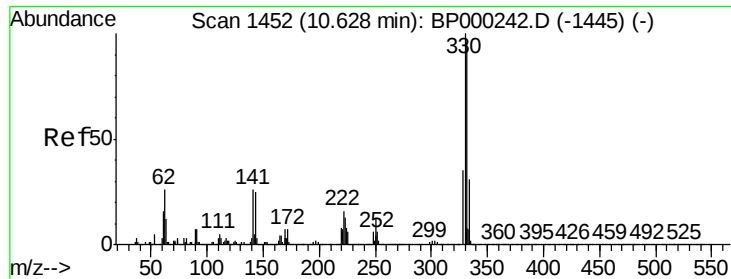
Tot Ion: 82 Resp: 1176829
Ion Ratio Lower Upper
82 100
128 51.8 40.7 61.1
54 36.9 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000324.D
Acq: 19 Sep 2019 12:53

Tgt Ion: 164 Resp: 449722
Ion Ratio Lower Upper
164 100
162 103.0 79.9 119.9
160 45.5 35.6 53.4

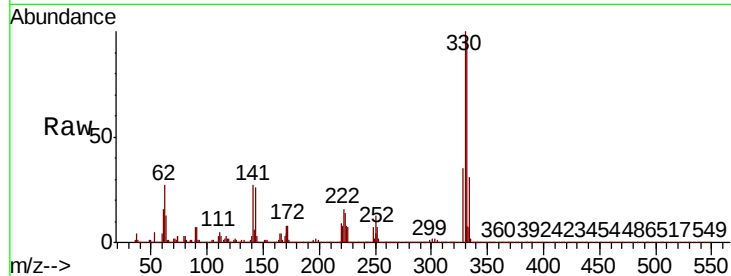




#42
2,4,6-Tribromophenol
Concen: 171.935 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000324.D
Acq: 19 Sep 2019 12:53

Instrument :
BNA_P
ClientSampleId :
TPA-9

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	29.9	26.5	39.7

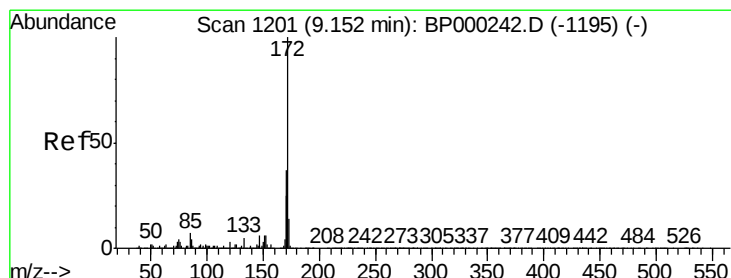
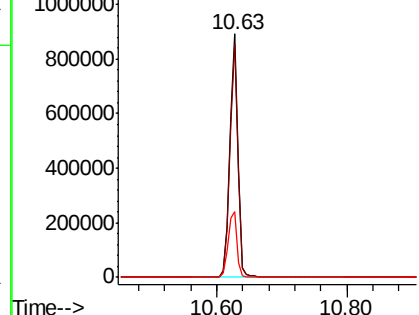
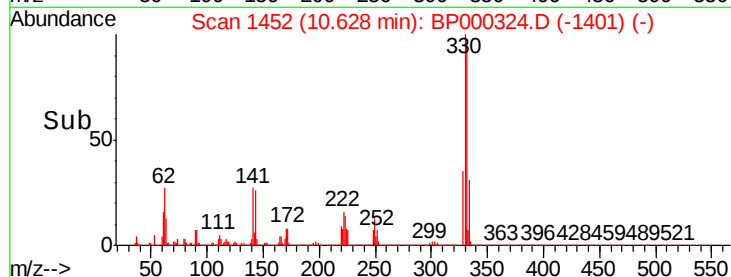


Abundance

Ion 329.80 (329.50 to 330.50): E

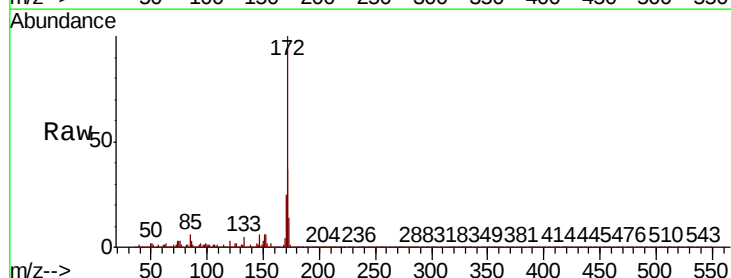
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 104.077 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000324.D
Acq: 19 Sep 2019 12:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	24.8	19.8	29.6

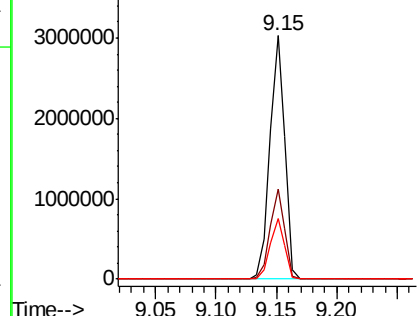
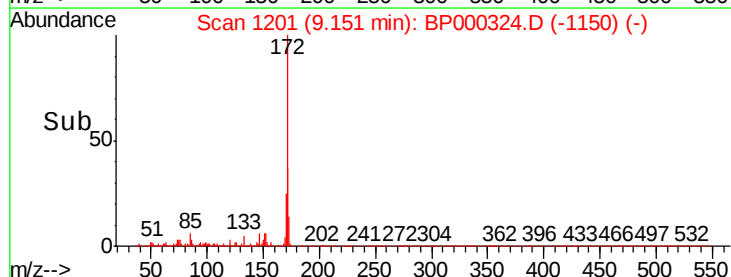


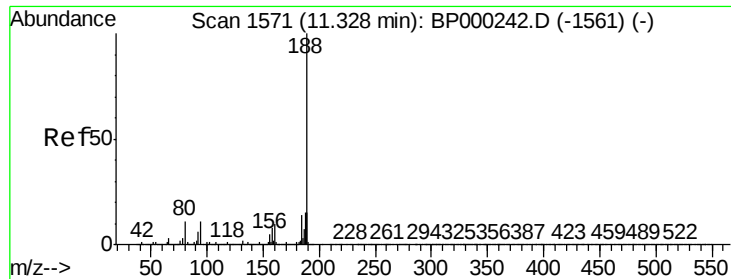
Abundance

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: BP000324.D

Acq: 19 Sep 2019 12:53

Instrument :

BNA_P

ClientSampleId :

TPA-9

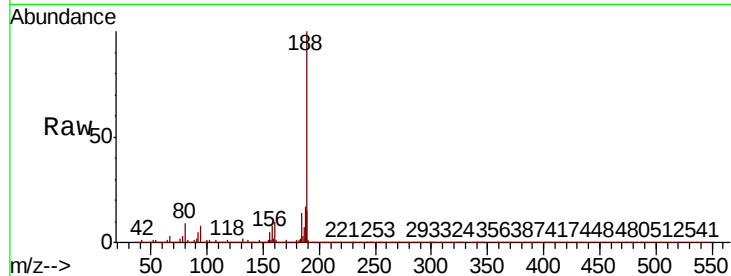
Tot Ion:188 Resp: 852013

Ion Ratio Lower Upper

188 100

94 8.4 8.5 12.7#

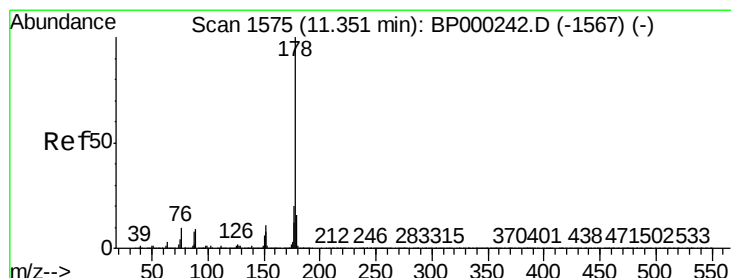
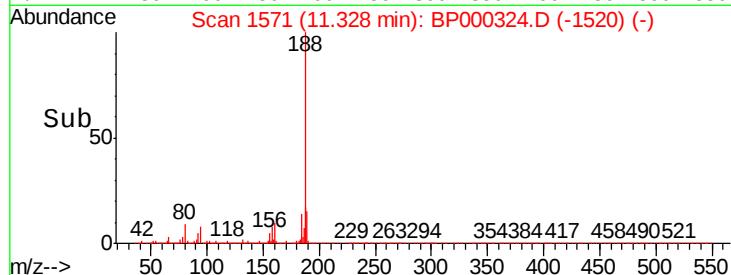
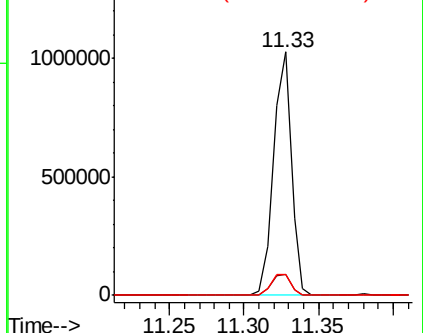
80 8.6 8.6 13.0#



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



#71

Phenanthrene

Concen: 2.129 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BP000324.D

Acq: 19 Sep 2019 12:53

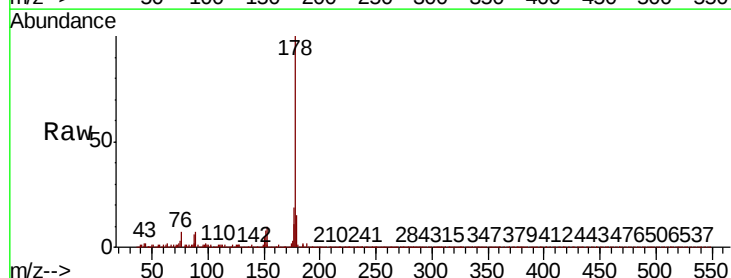
Tgt Ion:178 Resp: 90891

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

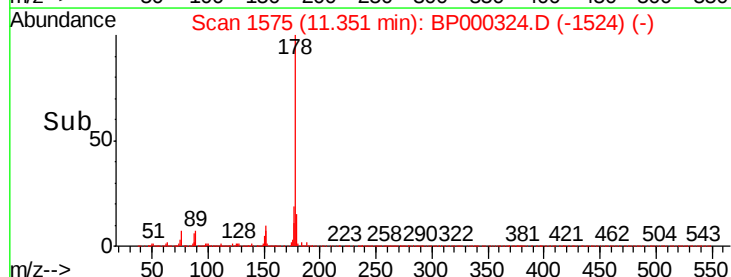
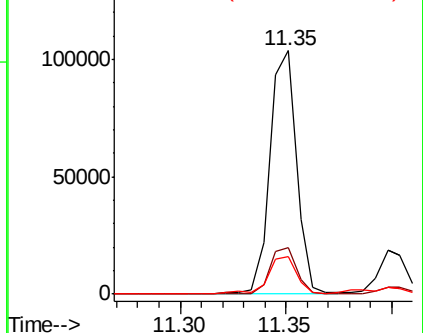
179 15.4 12.7 19.1

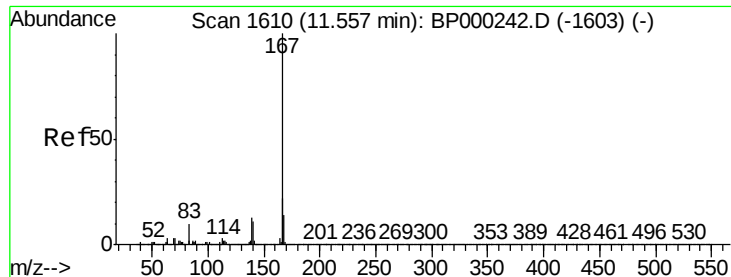


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

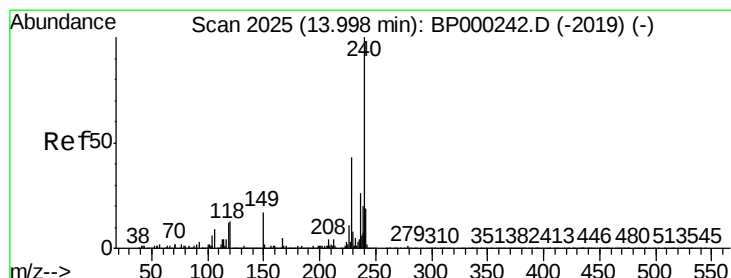
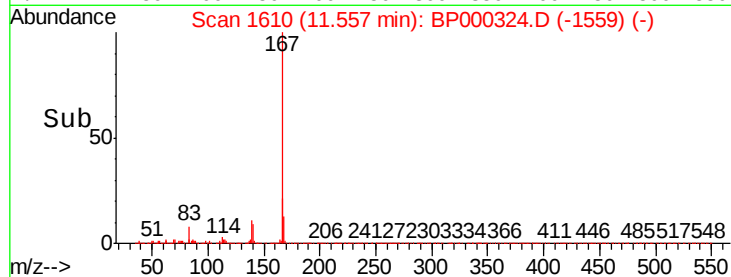
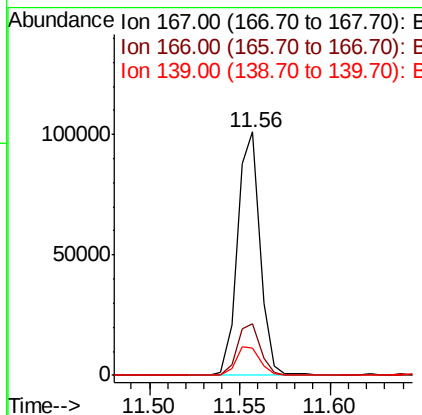
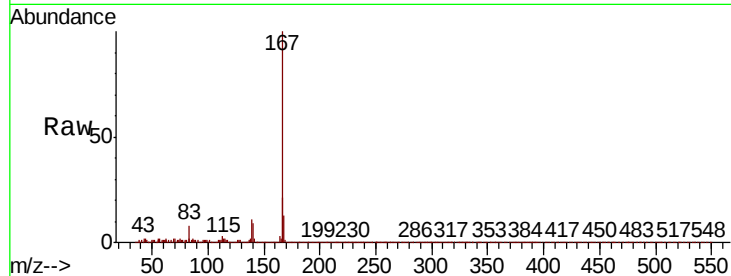




#73
 Carbazole
 Concen: 2.201 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BP000324.D
 Acq: 19 Sep 2019 12:53

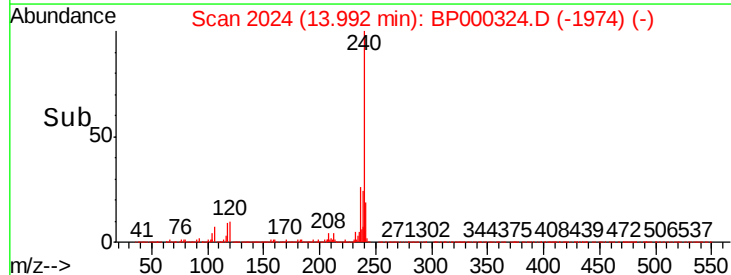
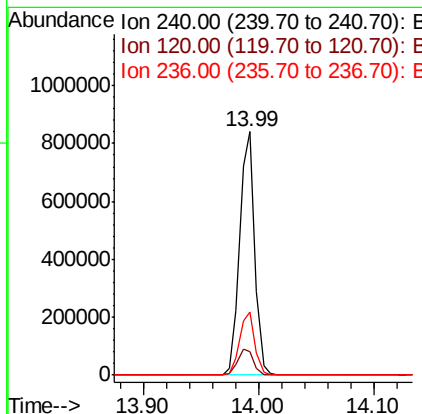
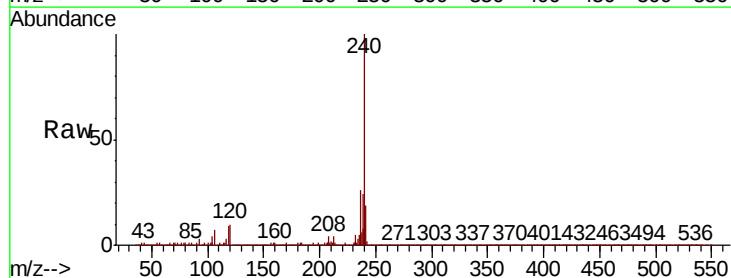
Instrument :
 BNA_P
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 TPA-9

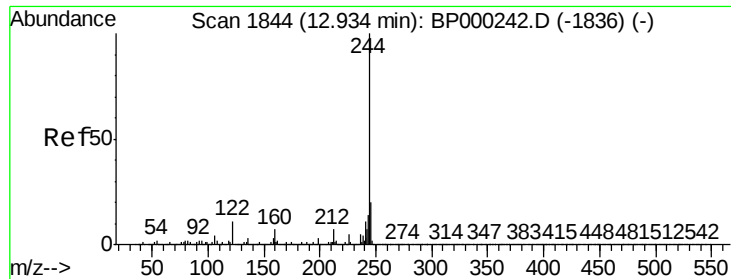
Tot Ion:167 Resp: 87111
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.8 26.8
 139 11.4 10.8 16.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BP000324.D
 Acq: 19 Sep 2019 12:53

Tgt Ion:240 Resp: 757346
 Ion Ratio Lower Upper
 240 100
 120 9.8 10.4 15.6#
 236 25.9 21.0 31.6



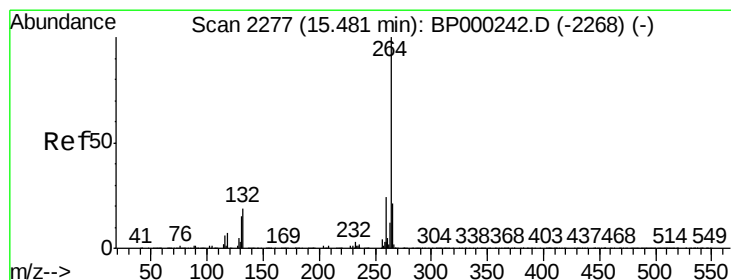
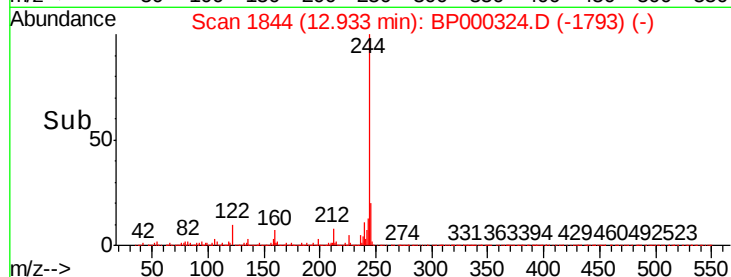
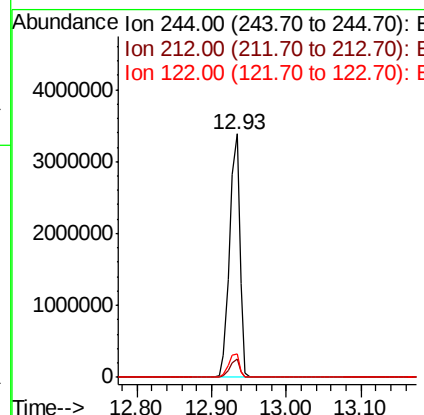
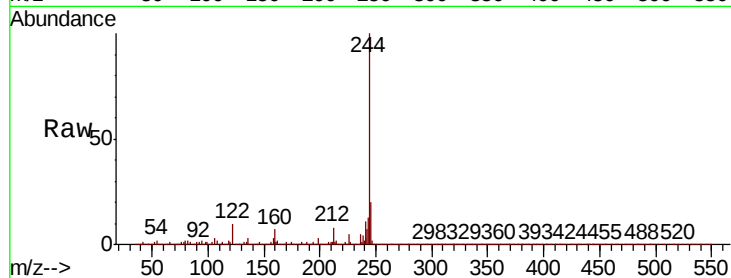


#79
 Terphenyl-d14
 Concen: 91.006 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BP000324.D
 Acq: 19 Sep 2019 12:53

Instrument :
 BNA_P
 ClientSampleID :
 TPA-9

Tot Ion:244 Resp: 3285408

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	9.6	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BP000324.D
 Acq: 19 Sep 2019 12:53

Tgt Ion:264 Resp: 831302

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.5	17.2	25.8

