

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
 Data File : BP000454.D
 Acq On : 27 Sep 2019 13:54
 Operator : JU
 Sample : K4657-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-03-092419

Quant Time: Sep 27 23:20:19 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

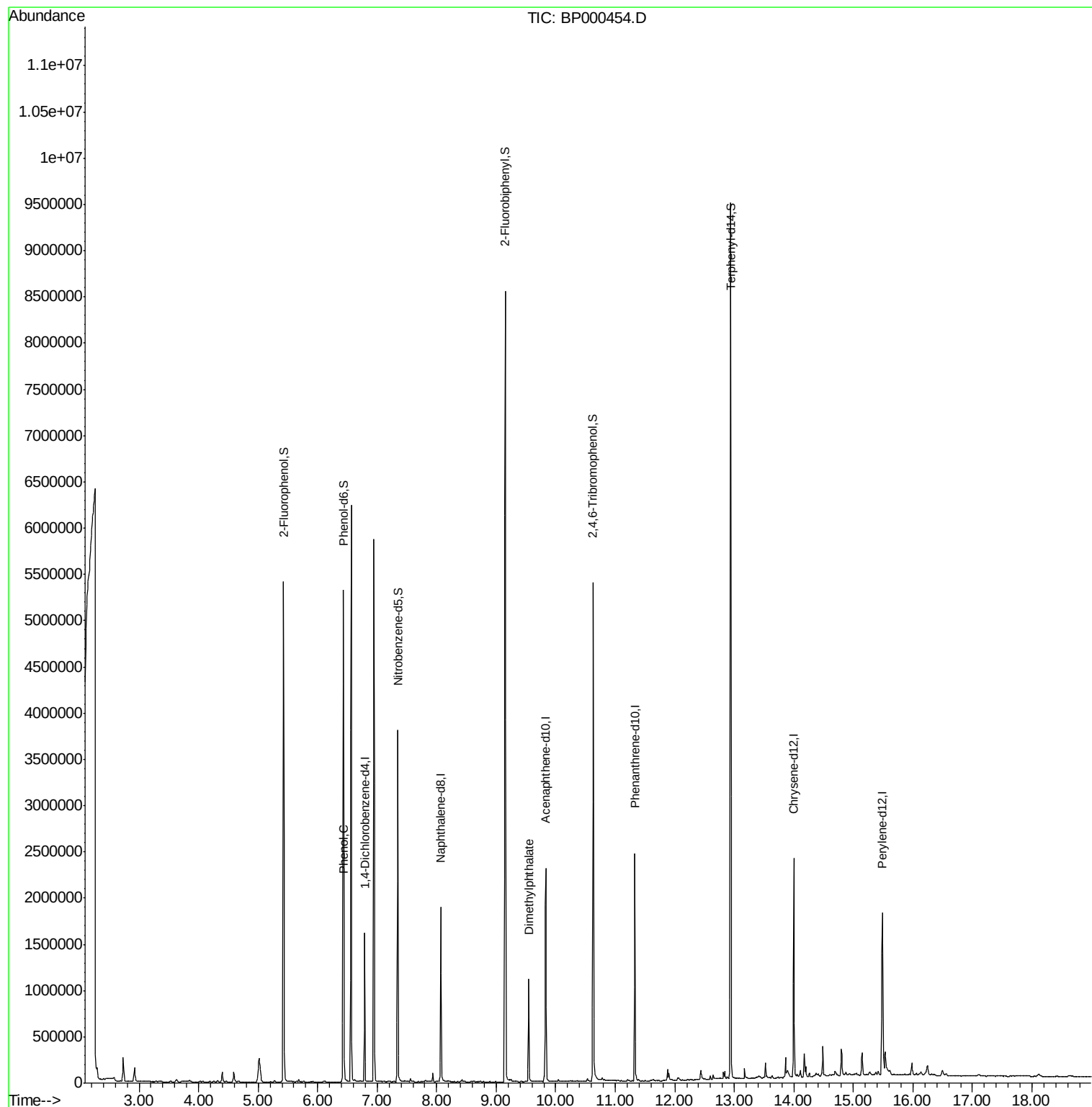
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	236716	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	848109	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	468845	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	873237	20.00	ng	0.00
76) Chrysene-d12	14.00	240	786931	20.00	ng	0.00
87) Perylene-d12	15.49	264	807678	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1798728	131.18	ng	0.02
7) Phenol-d6	6.43	99	2187988	130.18	ng	0.01
23) Nitrobenzene-d5	7.35	82	1294498	98.48	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	715998	153.97	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2733494	104.93	ng	0.00
79) Terphenyl-d14	12.94	244	3306538	88.15	ng	0.00
Target Compounds						
10) Phenol	6.45	94	38451	2.014	ng	99
50) Dimethylphthalate	9.55	163	447701	14.016	ng	99

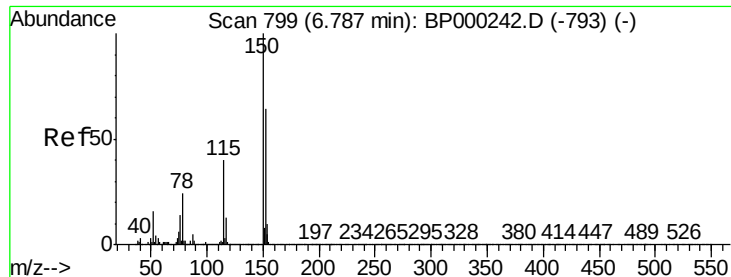
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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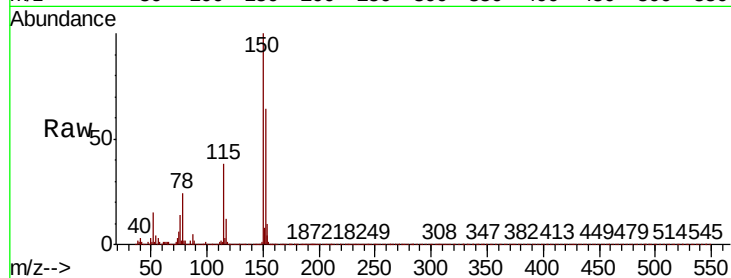


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000454.D
Acq: 27 Sep 2019 13:54

Instrument :
BNA_P
ClientSampleId :
BU-03-092419

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.2	187.8
115	60.4	49.7	74.5

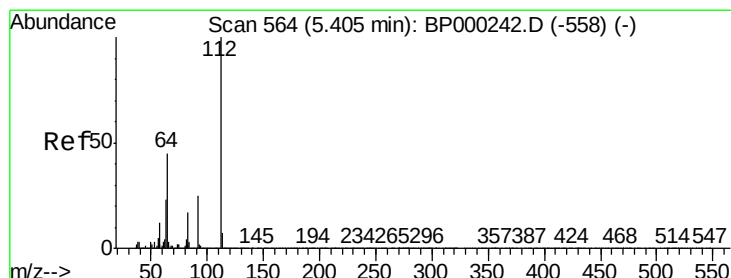
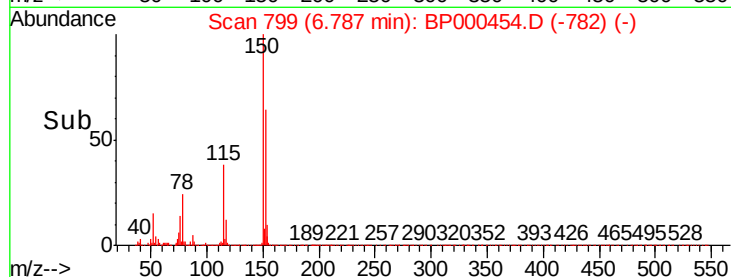
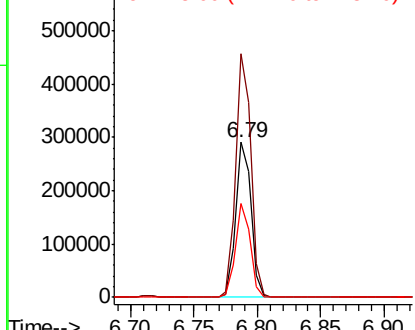


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

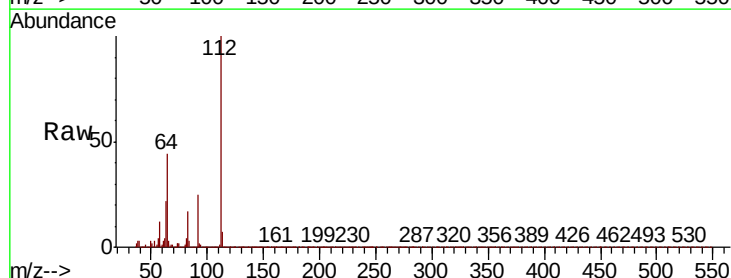
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.180 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BP000454.D
Acq: 27 Sep 2019 13:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.7	36.2	54.4
63	22.4	18.3	27.5

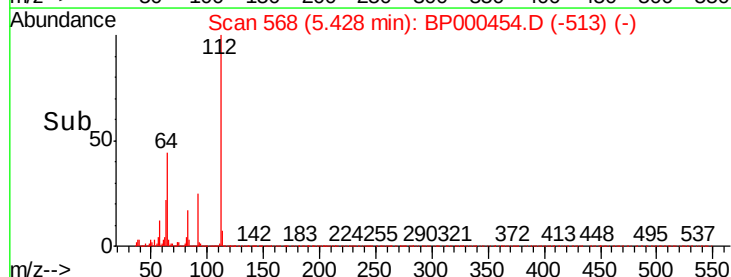
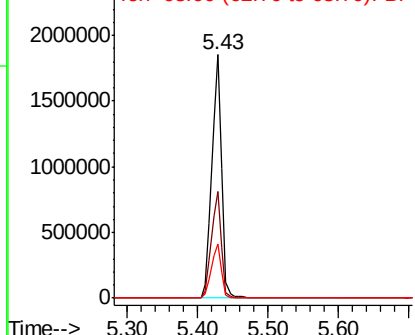


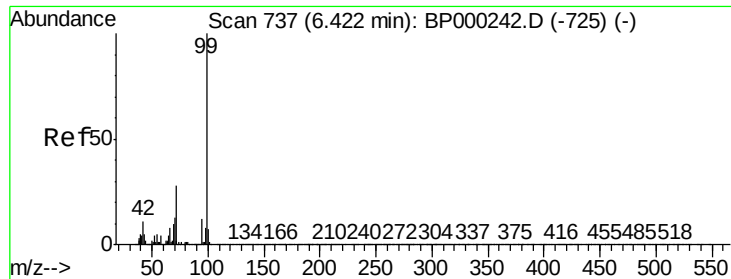
Abundance

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: 130.176 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000454.D

Acq: 27 Sep 2019 13:54

Instrument :

BNA_P

ClientSampleId :

BU-03-092419

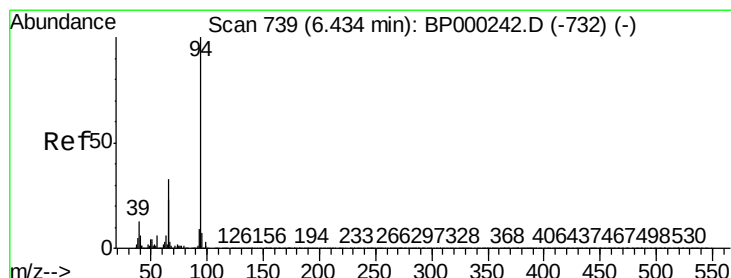
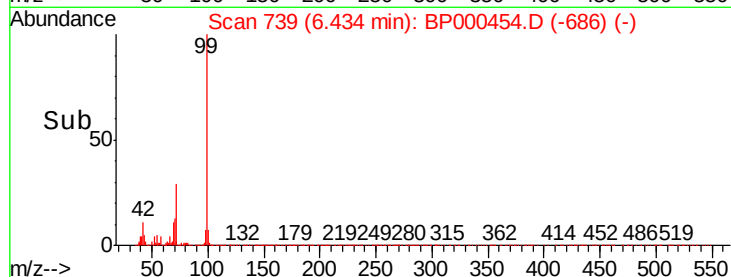
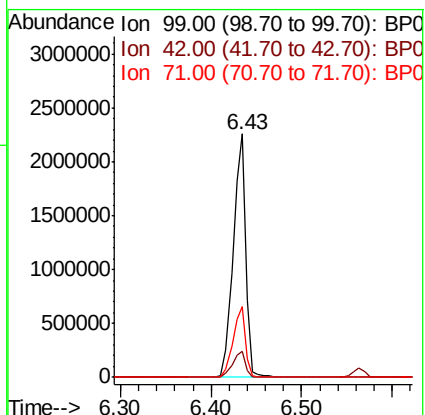
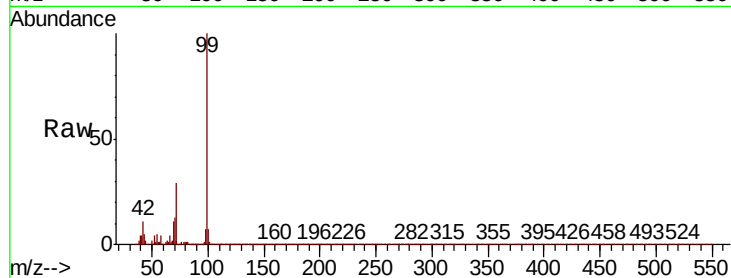
Tot Ion: 99 Resp: 2187988

Ion Ratio Lower Upper

99 100

42 10.7 8.5 12.7

71 29.3 22.6 34.0



#10

Phenol

Concen: 2.014 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BP000454.D

Acq: 27 Sep 2019 13:54

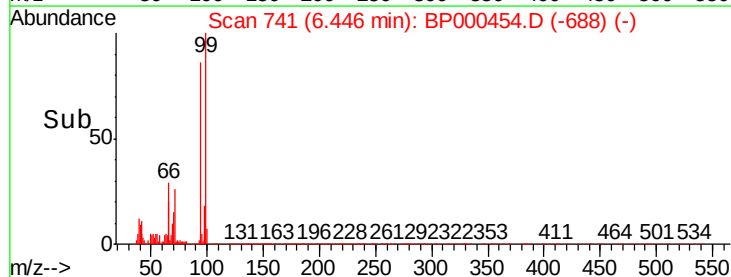
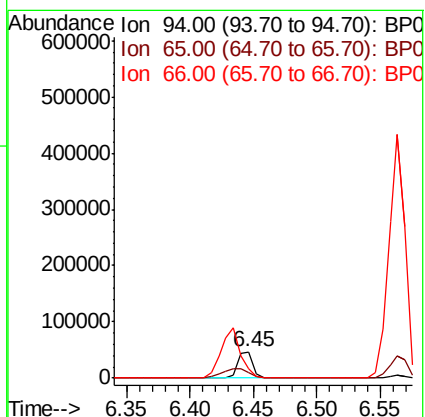
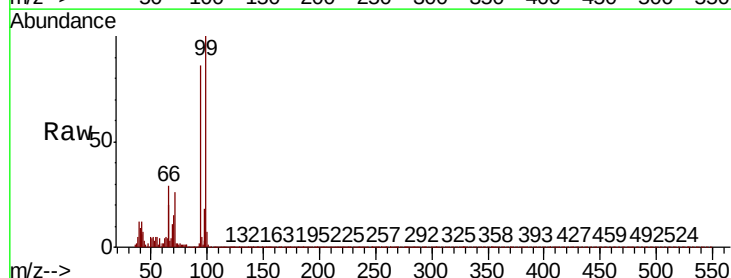
Tgt Ion: 94 Resp: 38451

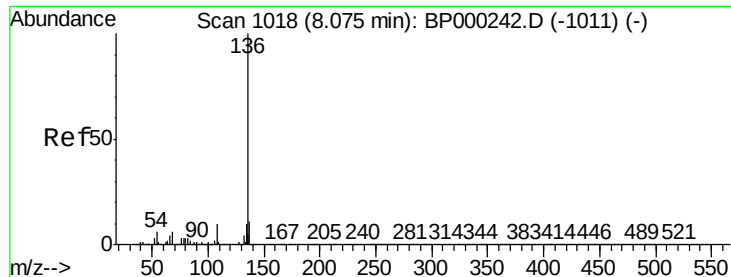
Ion Ratio Lower Upper

94 100

65 22.8 3.3 43.3

66 33.4 12.7 52.7

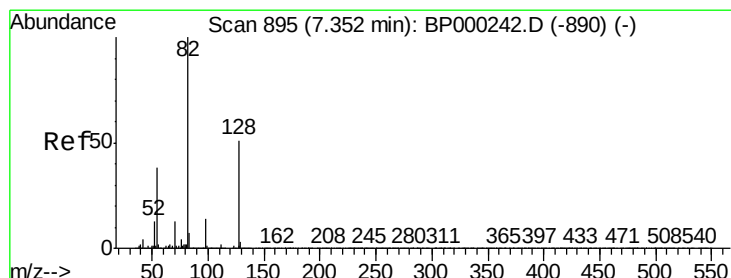
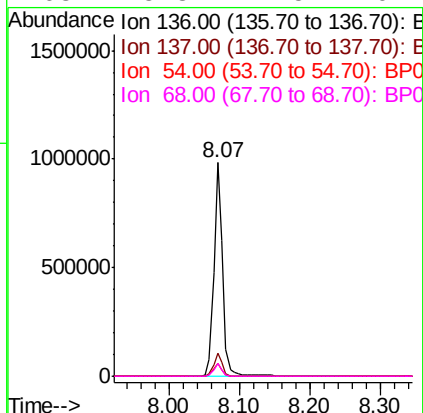
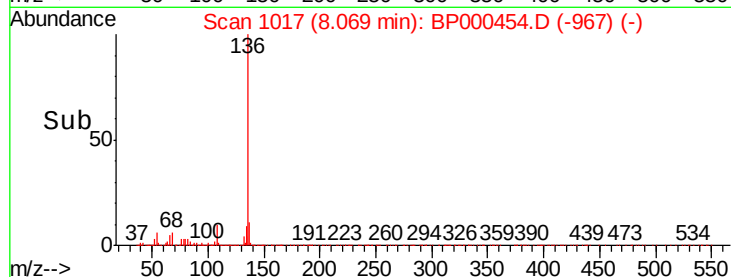
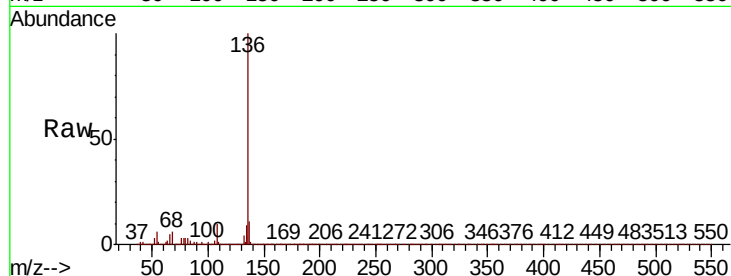




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000454.D
Acq: 27 Sep 2019 13:54

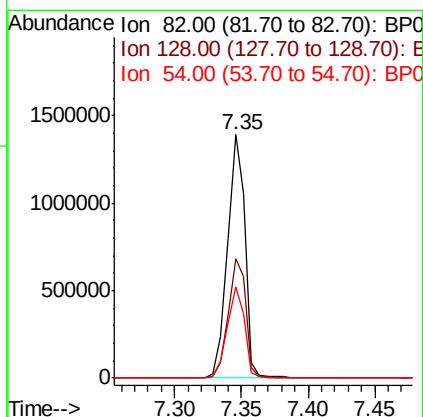
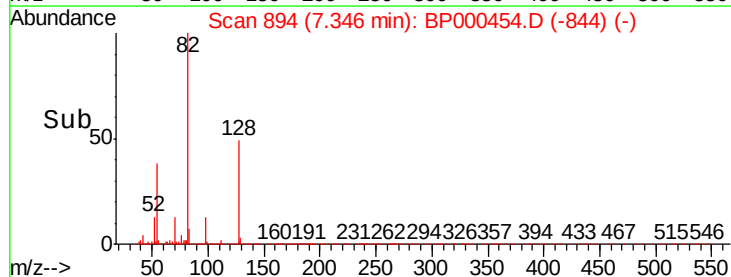
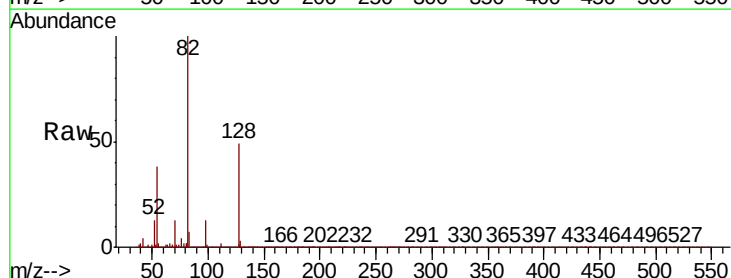
Instrument :
BNA_P
ClientSampleId :
BU-03-092419

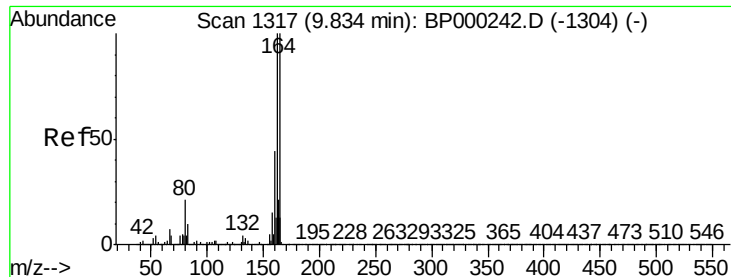
Tot Ion:136	Resp:	848109
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.6	13.0
54 5.7	4.5	6.7
68 5.8	4.5	6.7



#23
Nitrobenzene-d5
Concen: 98.478 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000454.D
Acq: 27 Sep 2019 13:54

Tgt Ion: 82	Resp: 1294498
Ion Ratio	Lower Upper
82 100	
128 49.2	40.7 61.1
54 37.7	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: BP000454.D

Acq: 27 Sep 2019 13:54

Instrument :

BNA_P

ClientSampleId :

BU-03-092419

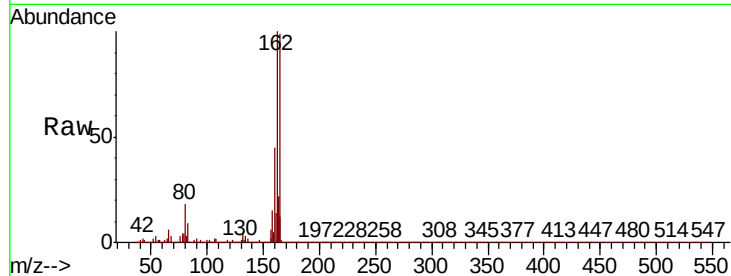
Tot Ion:164 Resp: 468845

Ion Ratio Lower Upper

164 100

162 101.1 79.9 119.9

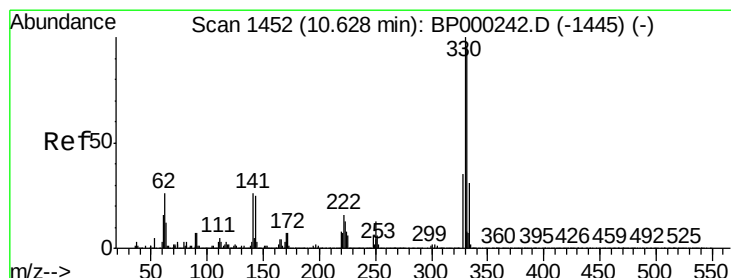
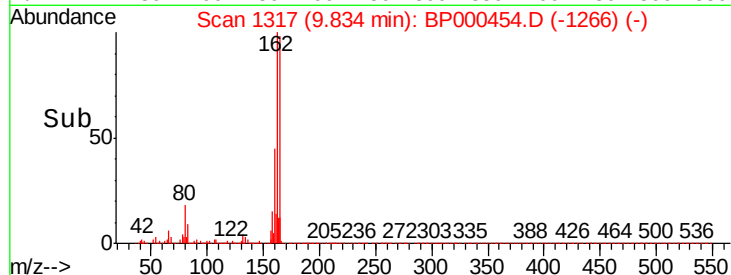
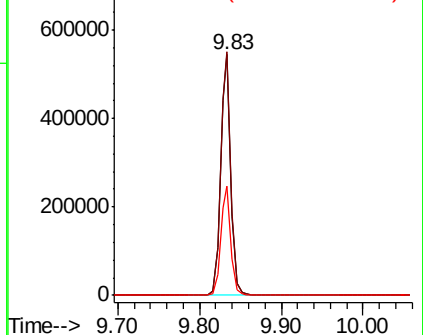
160 45.5 35.6 53.4



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



#42

2,4,6-Tribromophenol

Concen: 153.968 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BP000454.D

Acq: 27 Sep 2019 13:54

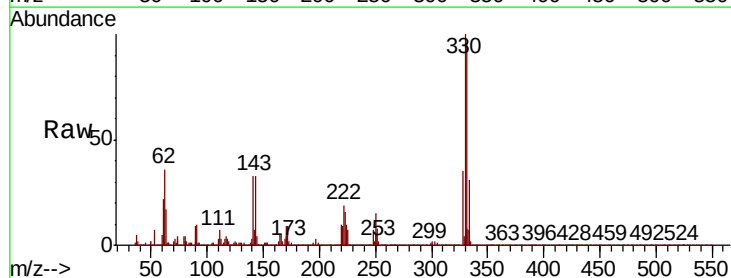
Tgt Ion:330 Resp: 715998

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

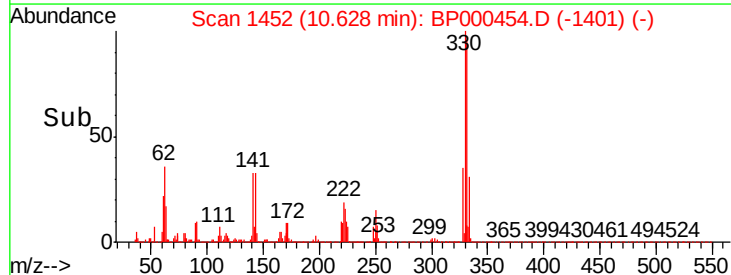
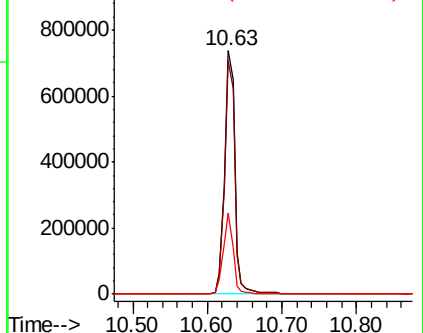
141 31.8 26.5 39.7

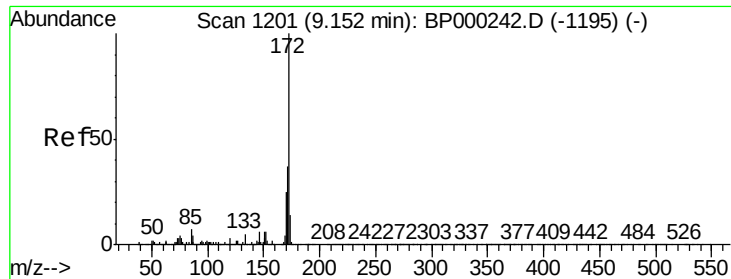


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

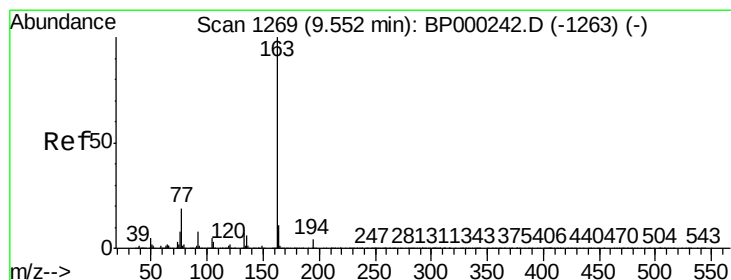
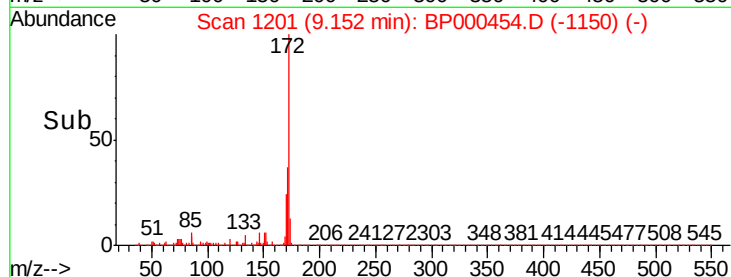
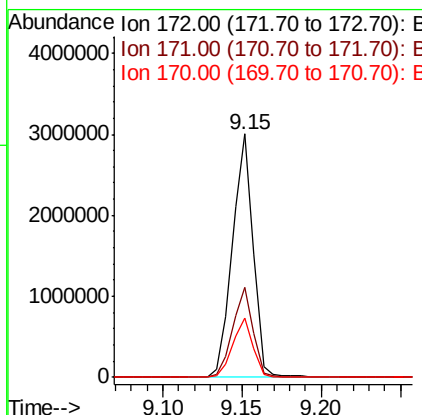
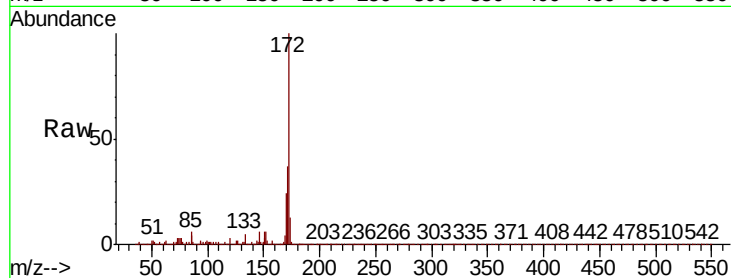




#45
2-Fluorobiphenyl
Concen: 104.934 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000454.D
Acq: 27 Sep 2019 13:54

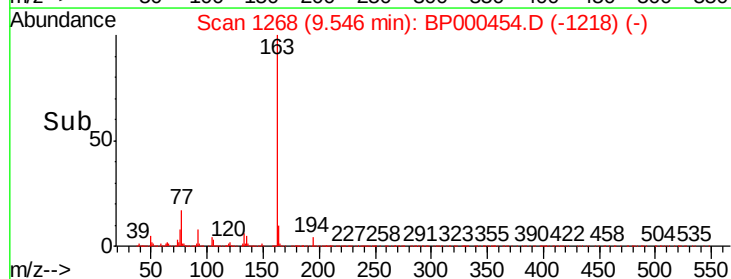
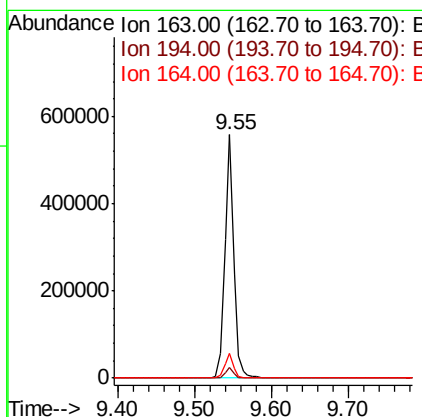
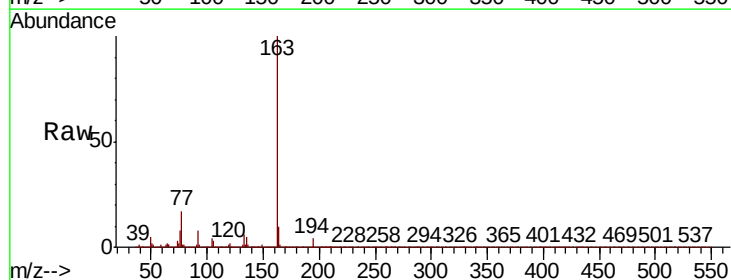
Instrument :
BNA_P
ClientSampleId :
BU-03-092419

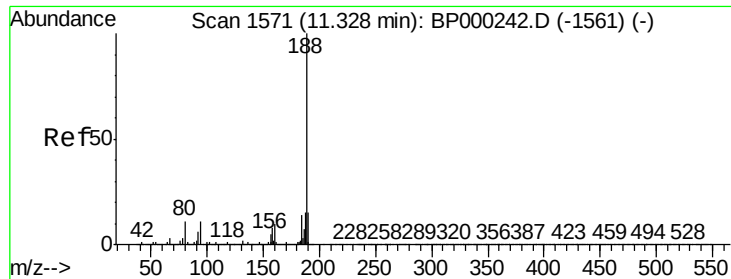
Tot Ion:172 Resp: 2733494
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 24.4 19.8 29.6



#50
Dimethylphthalate
Concen: 14.016 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000454.D
Acq: 27 Sep 2019 13:54

Tgt Ion:163 Resp: 447701
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.9 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BP000454.D

Acq: 27 Sep 2019 13:54

Instrument :

BNA_P

ClientSampleId :

BU-03-092419

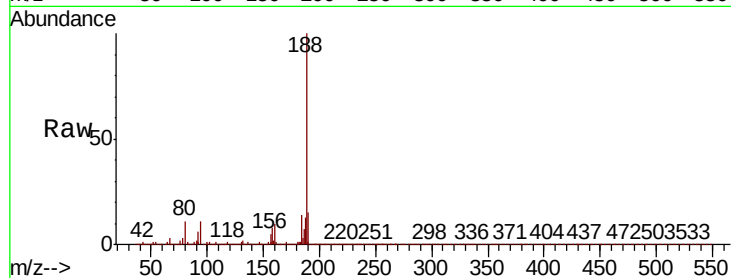
Tot Ion:188 Resp: 873237

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

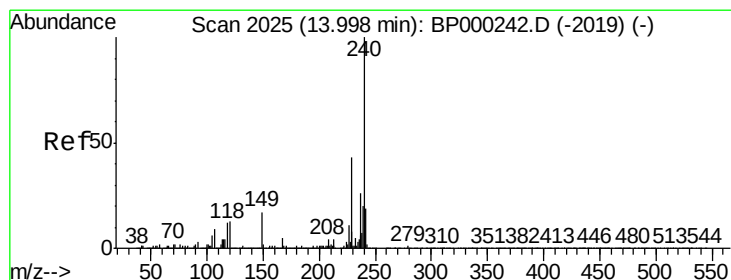
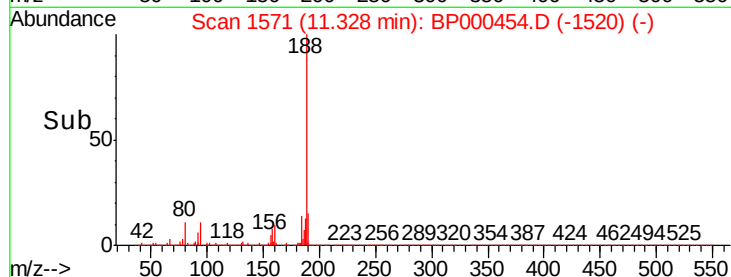
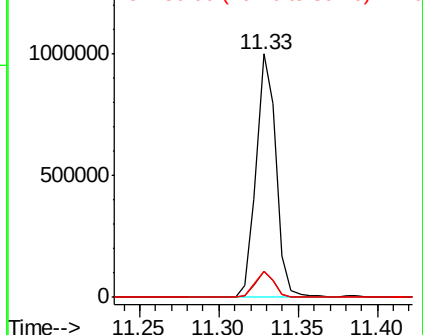
80 10.8 8.6 13.0



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# 2025

Delta R.T. 0.00 min

Lab File: BP000454.D

Acq: 27 Sep 2019 13:54

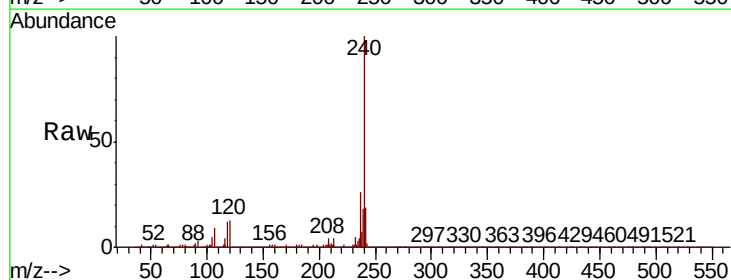
Tgt Ion:240 Resp: 786931

Ion Ratio Lower Upper

240 100

120 13.0 10.4 15.6

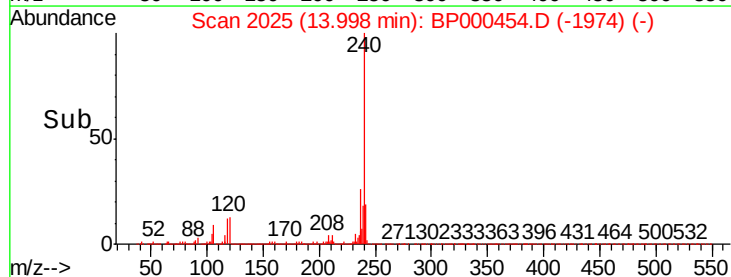
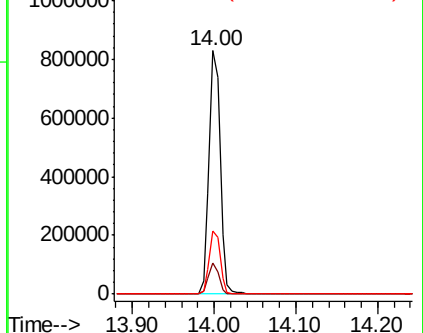
236 26.1 21.0 31.6

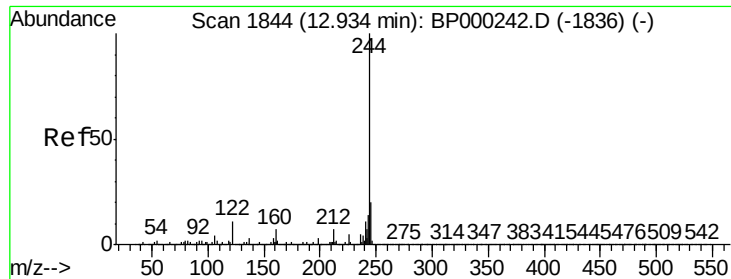


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

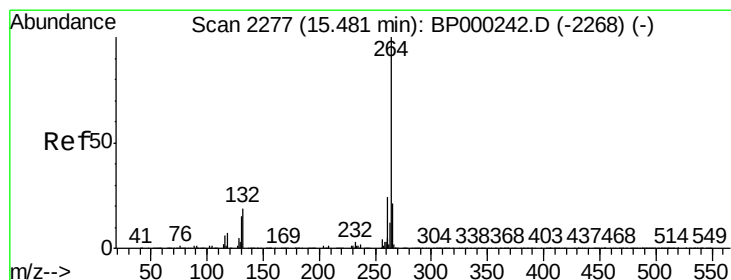
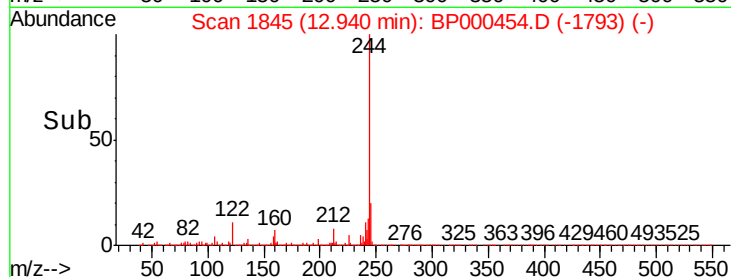
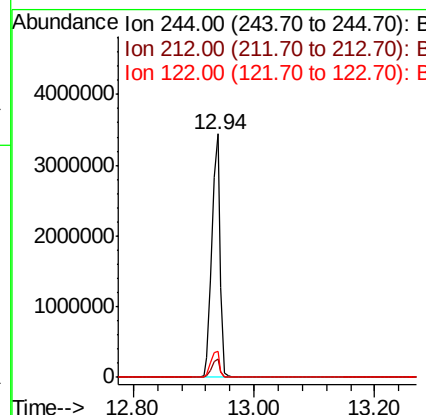
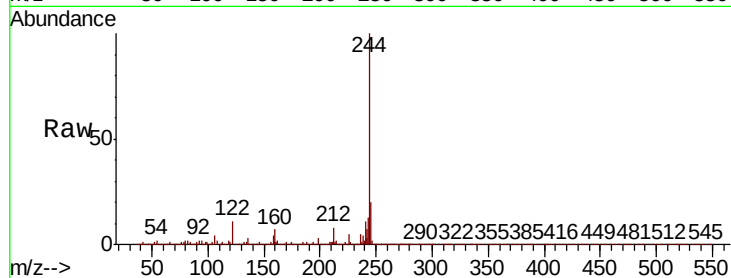




#79
 Terphenyl-d14
 Concen: 88.148 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BP000454.D
 Acq: 27 Sep 2019 13:54

Instrument :
 BNA_P
 ClientSampleId :
 BU-03-092419

Tot Ion:244 Resp: 3306538
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 10.6 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: BP000454.D
 Acq: 27 Sep 2019 13:54

Tgt Ion:264 Resp: 807678
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.9 28.3
 265 21.5 17.2 25.8

