

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
 Data File : BP000453.D
 Acq On : 27 Sep 2019 13:30
 Operator : JU
 Sample : K4657-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-02-092419

Quant Time: Sep 27 23:19:22 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

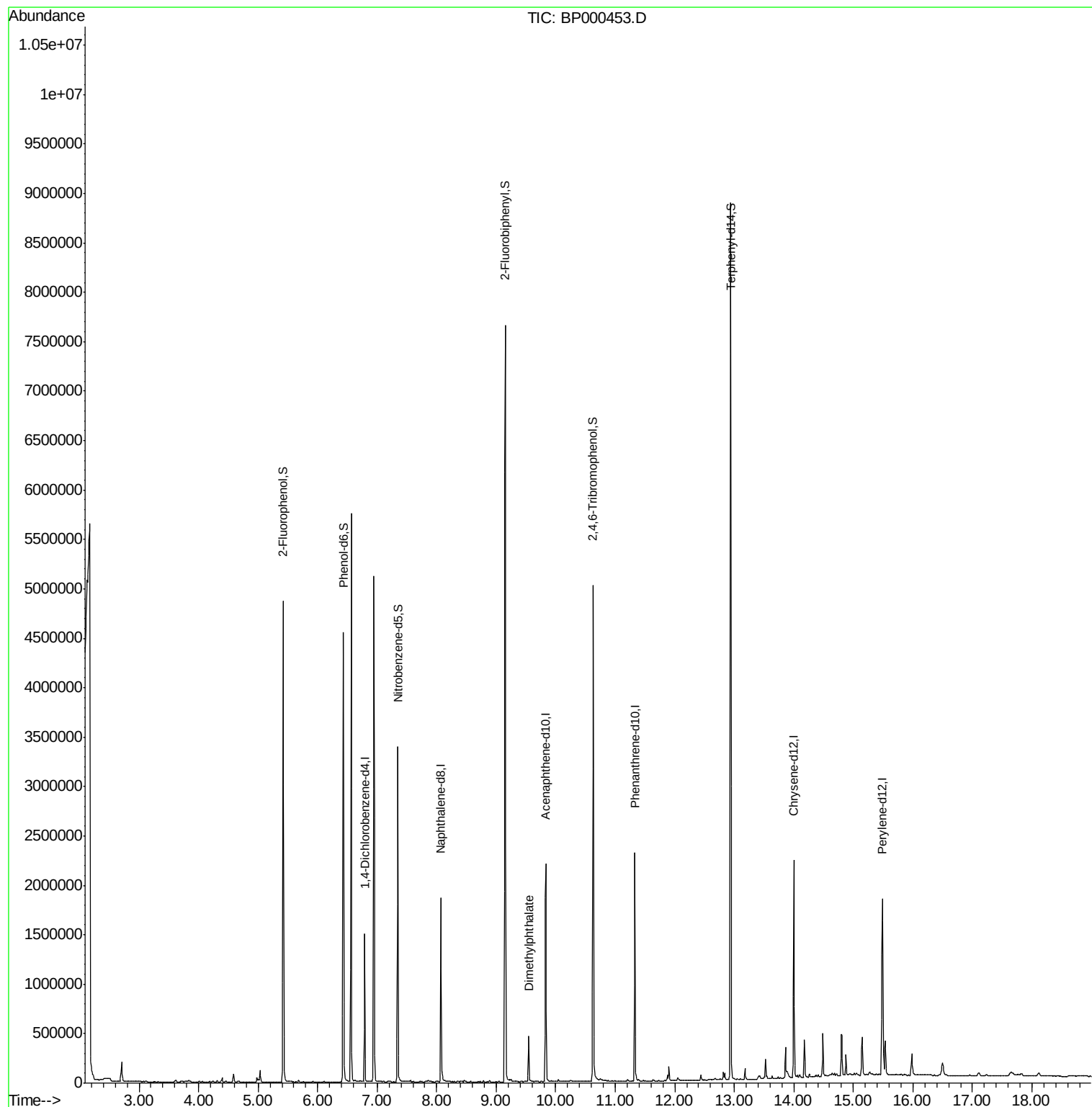
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	223299	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	804370	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	450264	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	842929	20.00	ng	0.00
76) Chrysene-d12	14.00	240	765604	20.00	ng	0.00
87) Perylene-d12	15.49	264	851521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1559558	120.57	ng	0.02
7) Phenol-d6	6.43	99	1945883	122.73	ng	0.01
23) Nitrobenzene-d5	7.35	82	1111485	89.15	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	624201	139.77	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2376471	94.99	ng	0.00
79) Terphenyl-d14	12.94	244	3040889	83.32	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	197608	6.442	ng	99

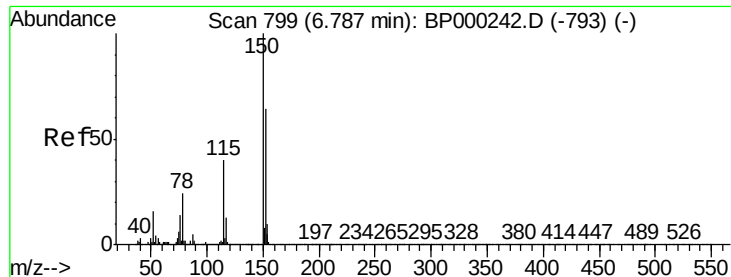
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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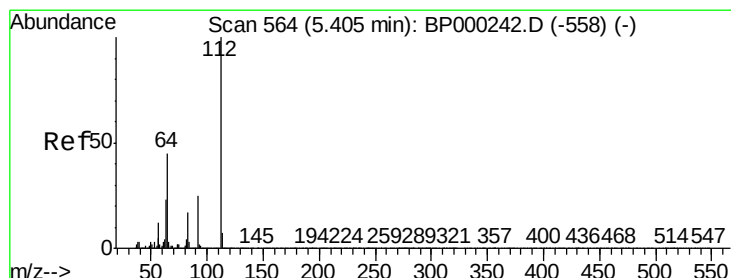
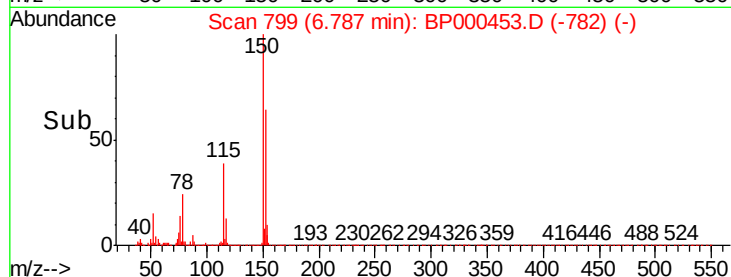
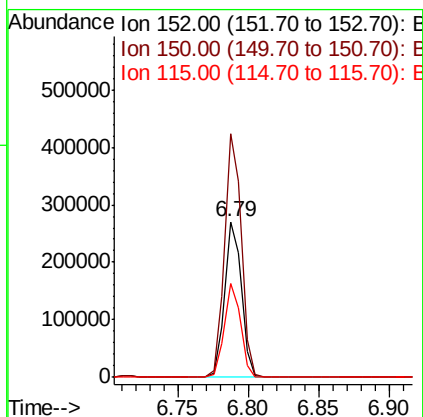
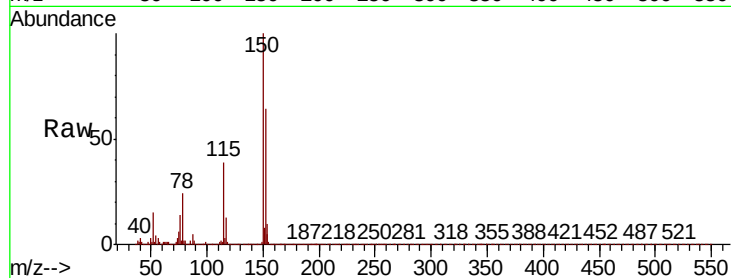


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000453.D
Acq: 27 Sep 2019 13:30

Instrument :
BNA_P
ClientSampleId :
BU-02-092419

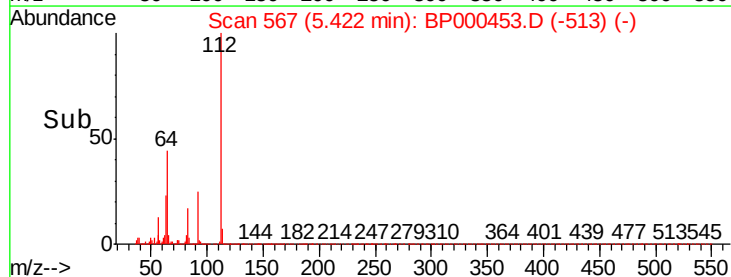
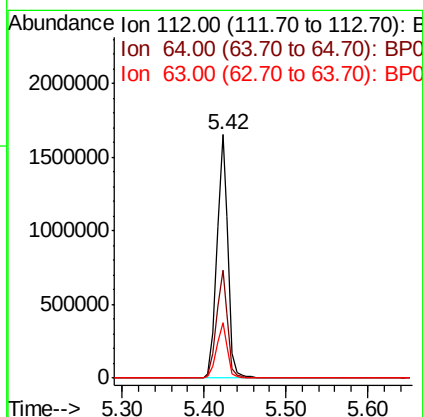
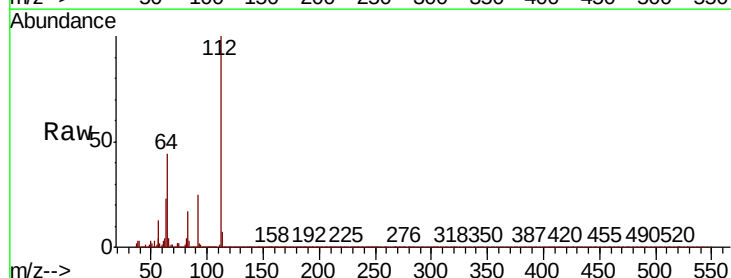
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.2	187.8
115	60.3	49.7	74.5

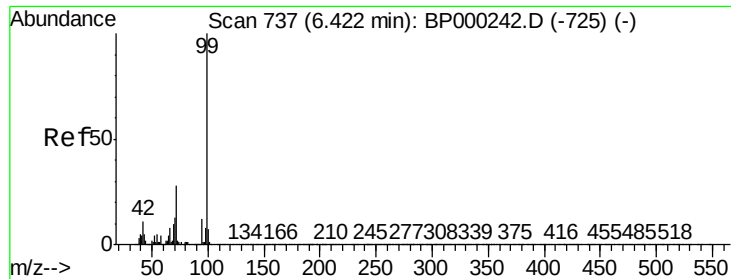


#5

2-Fluorophenol
Concen: 120.571 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000453.D
Acq: 27 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.4	36.2	54.4
63	22.7	18.3	27.5





#7

Phenol-d6

Concen: 122.728 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000453.D

Acq: 27 Sep 2019 13:30

Instrument :

BNA_P

ClientSampleId :

BU-02-092419

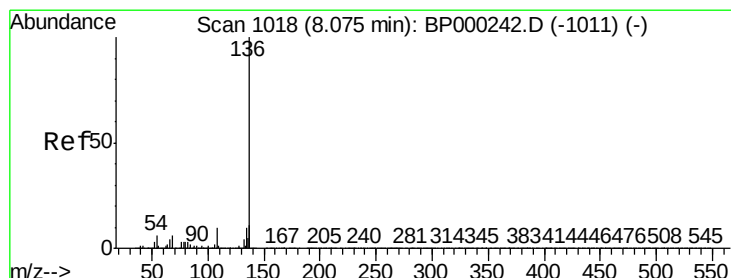
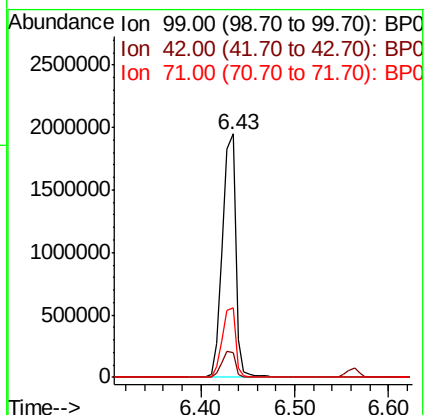
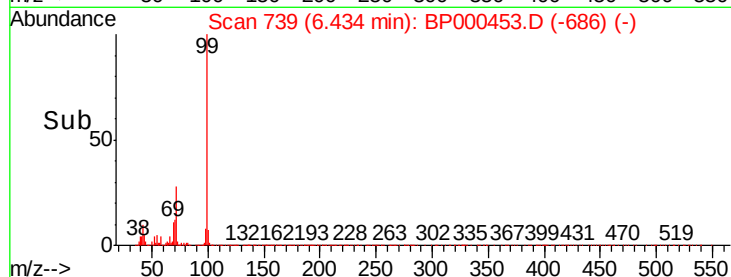
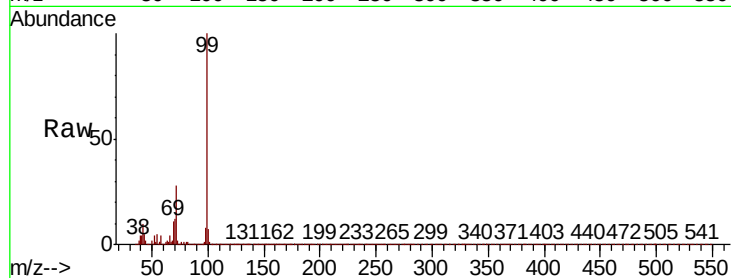
Tot Ion: 99 Resp: 1945883

Ion	Ratio	Lower	Upper
99	100		
42	10.2	8.5	12.7
71	28.4	22.6	34.0

99 100

42 10.2 8.5 12.7

71 28.4 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: BP000453.D

Acq: 27 Sep 2019 13:30

Tgt Ion: 136 Resp: 804370

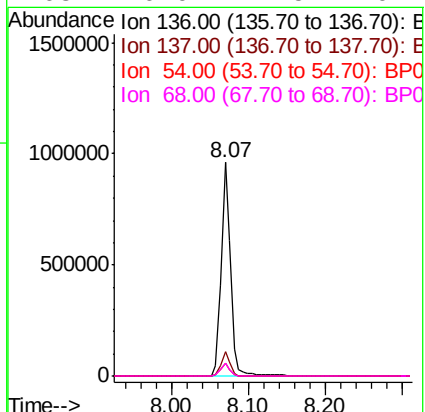
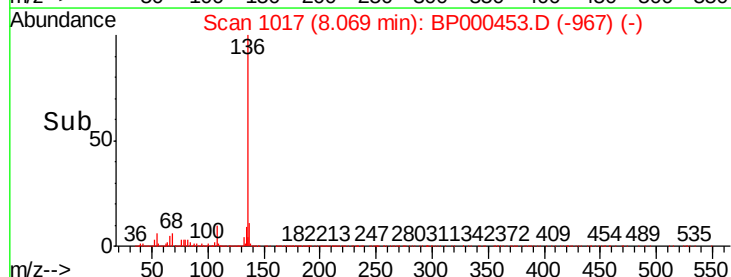
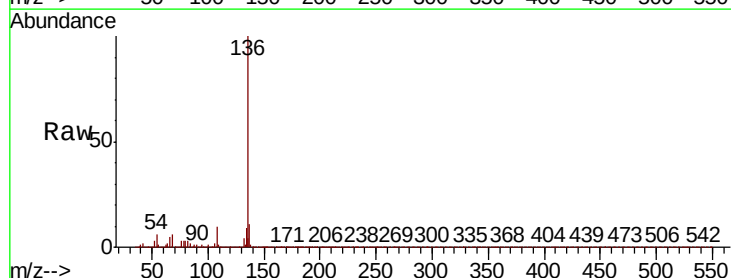
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.0	4.5	6.7
68	6.0	4.5	6.7

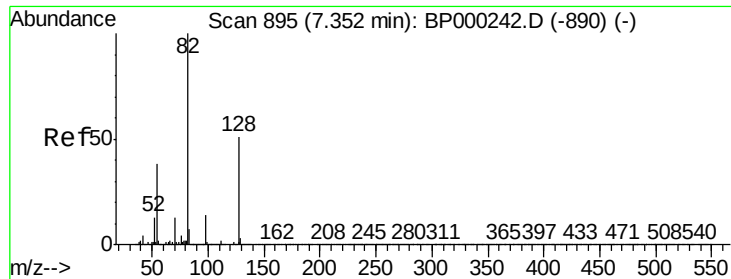
136 100

137 11.2 8.6 13.0

54 6.0 4.5 6.7

68 6.0 4.5 6.7



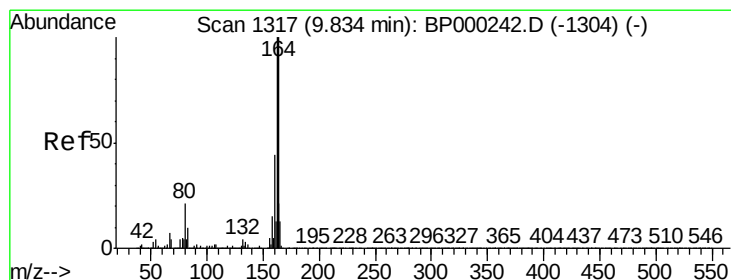
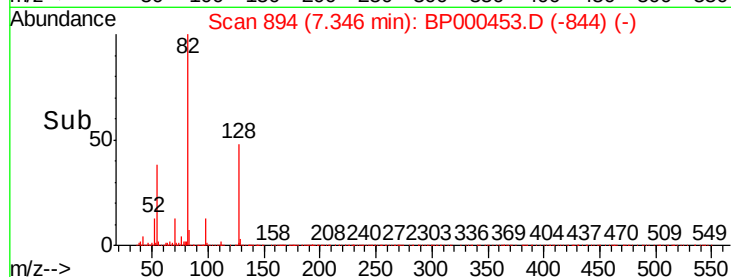
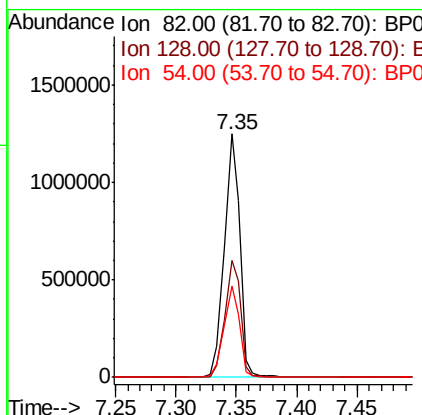
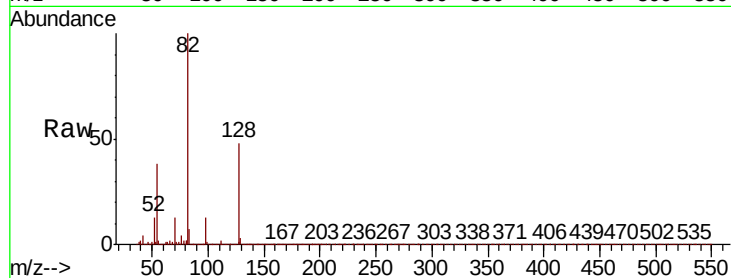


#23
 Nitrobenzene-d5
 Concen: 89.154 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BP000453.D
 Acq: 27 Sep 2019 13:30

Instrument :
 BNA_P
 ClientSampleId :
 BU-02-092419

Tot Ion: 82 Resp: 1111485

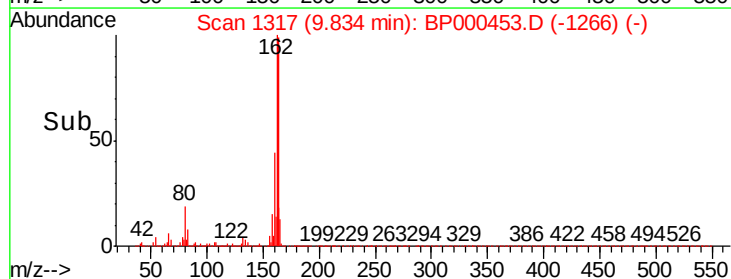
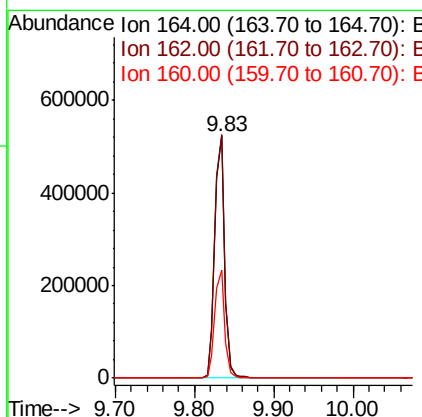
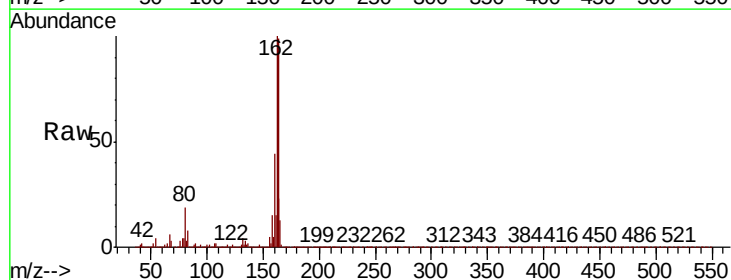
Ion	Ratio	Lower	Upper
82	100		
128	48.1	40.7	61.1
54	37.7	30.1	45.1

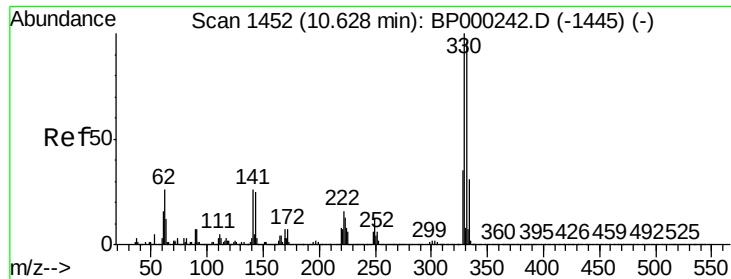


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BP000453.D
 Acq: 27 Sep 2019 13:30

Tgt Ion: 164 Resp: 450264

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.9	119.9
160	44.4	35.6	53.4

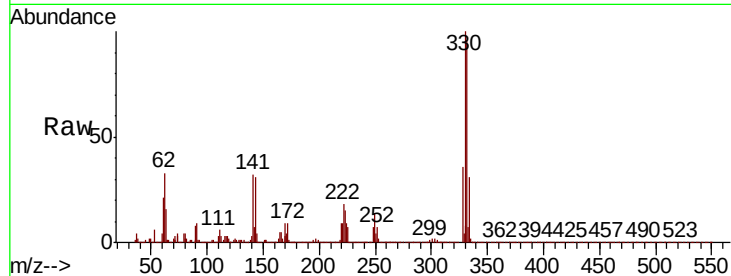




#42
 2,4,6-Tribromophenol
 Concen: 139.767 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BP000453.D
 Acq: 27 Sep 2019 13:30

Instrument :
 BNA_P
 ClientSampleId :
 BU-02-092419

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	32.5	26.5	39.7

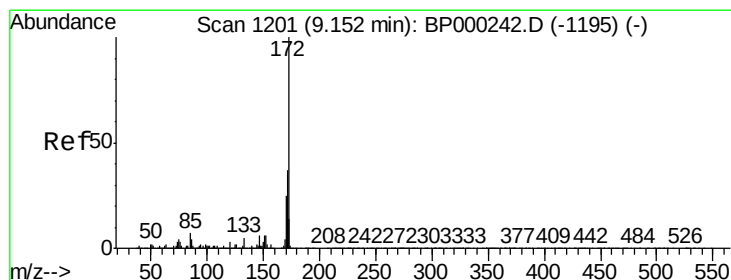
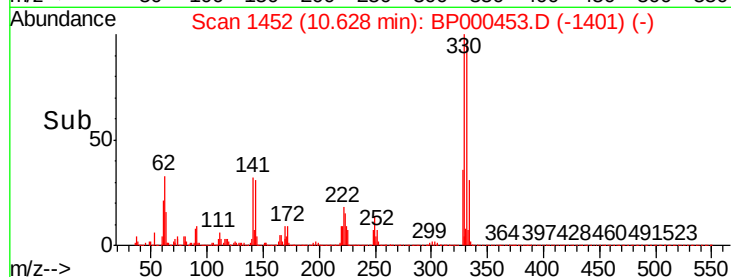
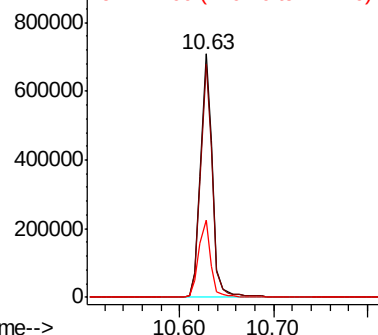


Abundance

Ion 329.80 (329.50 to 330.50): E

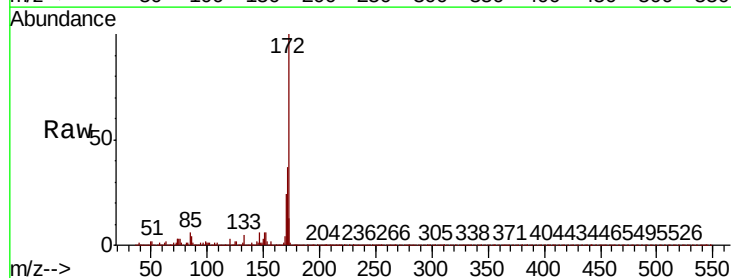
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.993 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BP000453.D
 Acq: 27 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.8	44.6
170	24.3	19.8	29.6

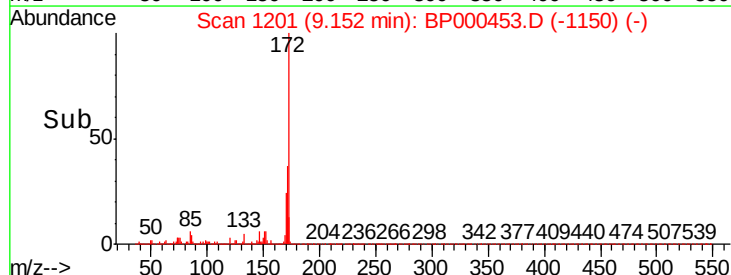
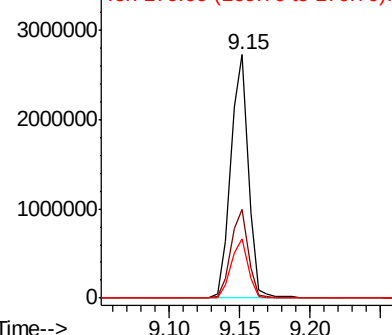


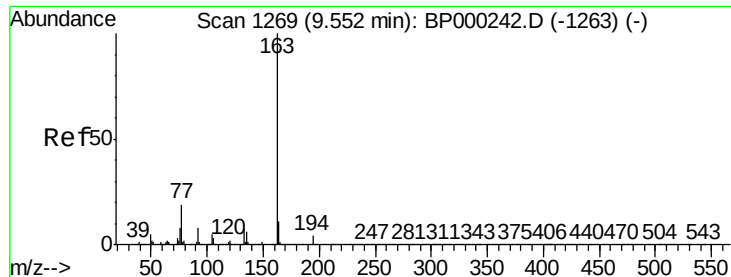
Abundance

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





#50

Dimethylphthalate

Concen: 6.442 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000453.D

Acq: 27 Sep 2019 13:30

Instrument :

BNA_P

ClientSampleId :

BU-02-092419

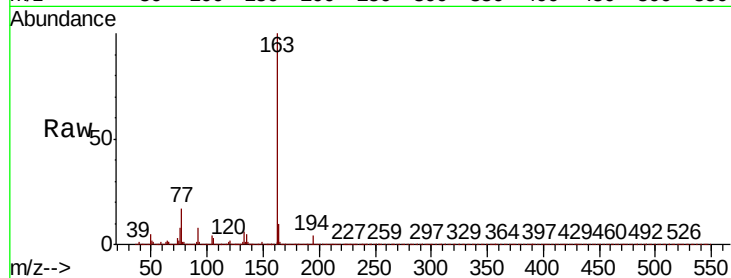
Tot Ion:163 Resp: 197608

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

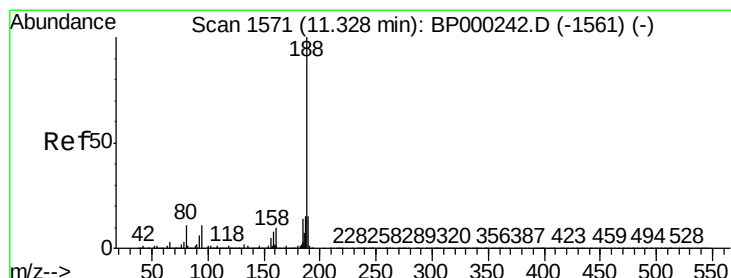
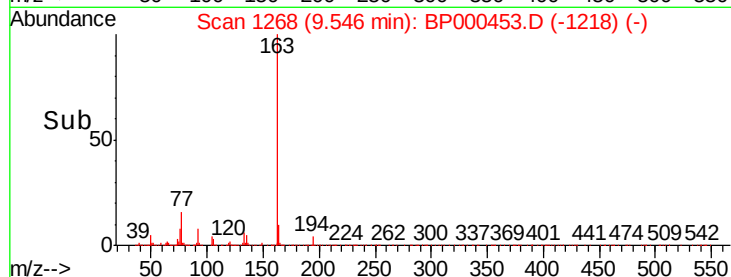
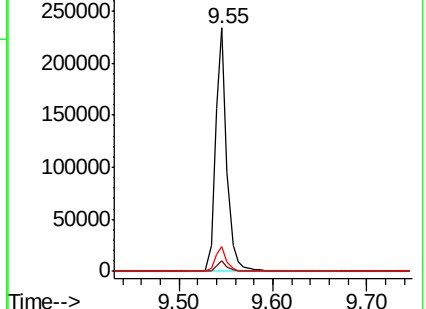
164 10.0 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BP000453.D

Acq: 27 Sep 2019 13:30

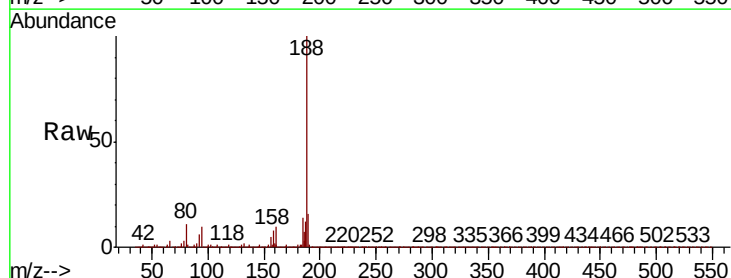
Tgt Ion:188 Resp: 842929

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

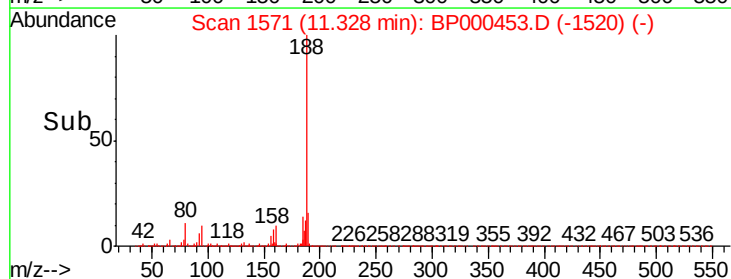
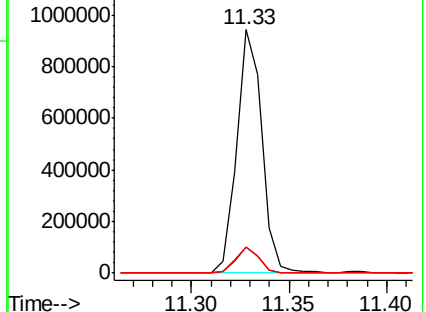
80 10.7 8.6 13.0

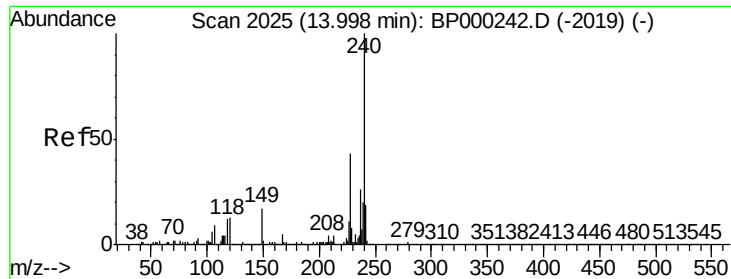


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

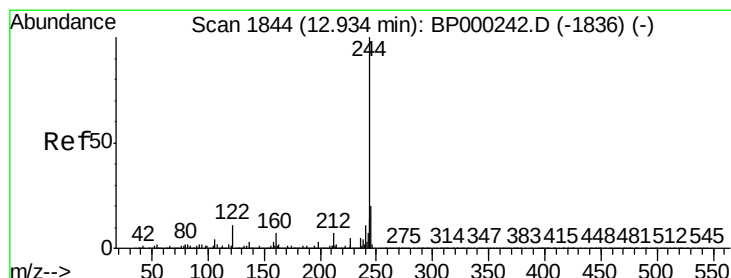
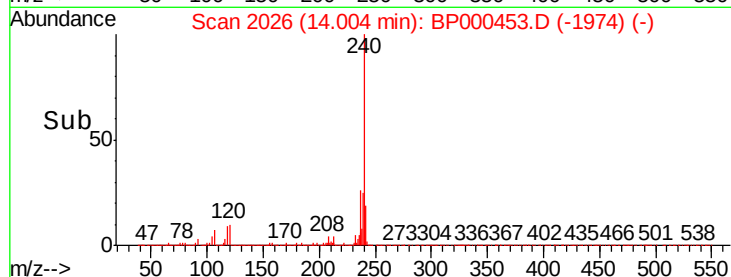
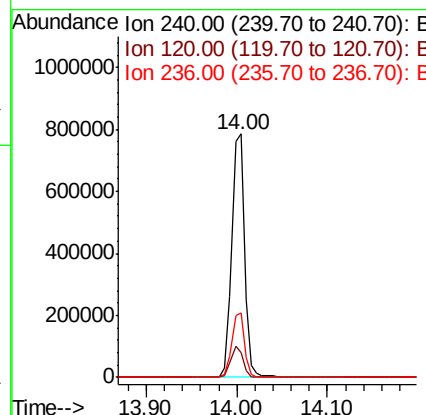
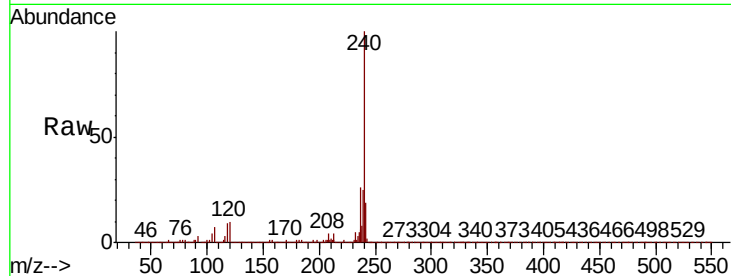




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BP000453.D
 Acq: 27 Sep 2019 13:30

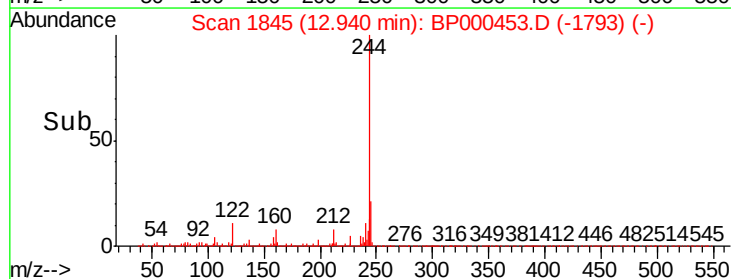
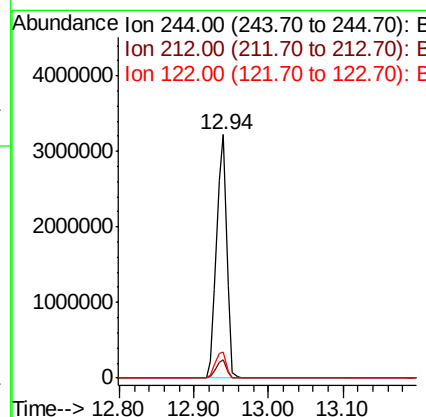
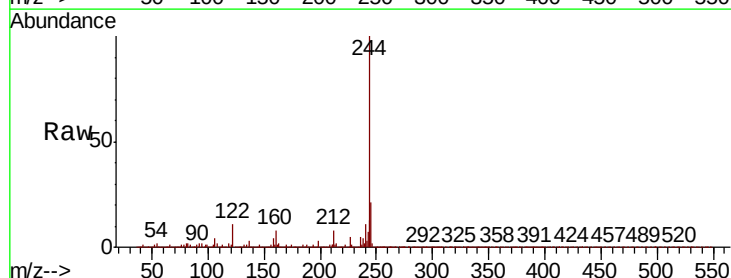
Instrument :
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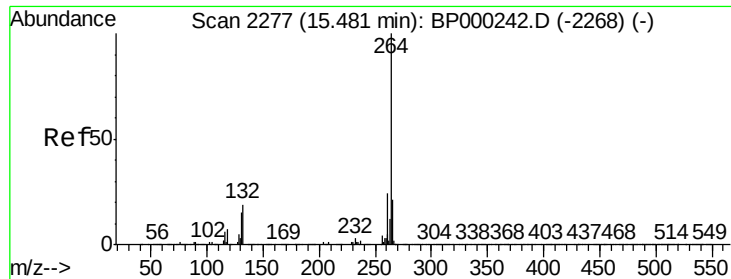
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	10.4	15.6#
236	26.5	21.0	31.6



#79
 Terphenyl-d14
 Concen: 83.324 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BP000453.D
 Acq: 27 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	10.9	9.0	13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BP000453.D
 Acq: 27 Sep 2019 13:30

Instrument :
 BNA_P
 ClientSampleId :
 BU-02-092419

Tot Ion: 264 Resp: 851521
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.3 17.2 25.8

