

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
 Data File : BP000402.D
 Acq On : 24 Sep 2019 23:03
 Operator : JU
 Sample : PB123345TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB123345TB

Quant Time: Sep 25 03:03:16 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	226998	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	812263	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	407806	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	757634	20.00	ng	0.00
76) Chrysene-d12	13.99	240	478607	20.00	ng	0.00
87) Perylene-d12	15.47	264	533084	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1631320	124.06	ng	0.01
7) Phenol-d6	6.43	99	2029453	125.91	ng	0.00
23) Nitrobenzene-d5	7.35	82	1161242	92.24	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	563857	139.40	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2462077	108.66	ng	0.00
79) Terphenyl-d14	12.93	244	2225400	97.54	ng	0.00

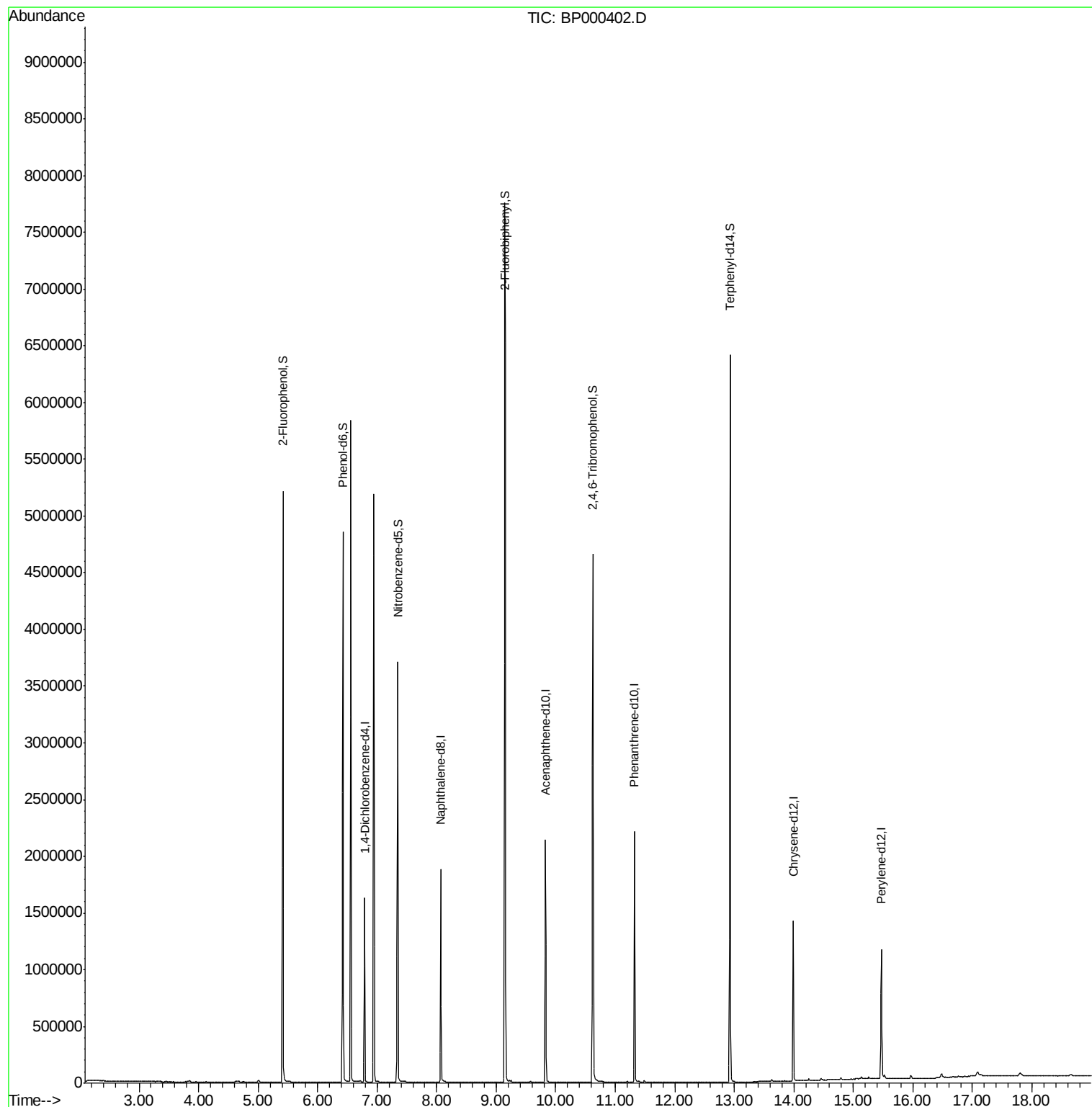
Target Compounds Qvalue

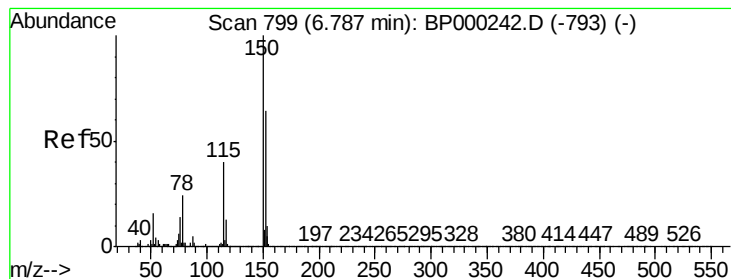
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. 0.00 min

Lab File: BP000402.D

Acq: 24 Sep 2019 23:03

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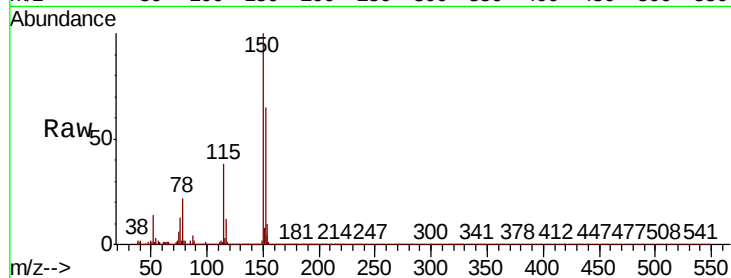
Tot Ion:152 Resp: 226998

Ion Ratio Lower Upper

152 100

150 154.7 125.2 187.8

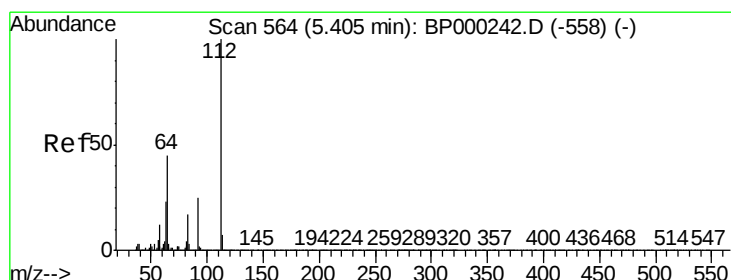
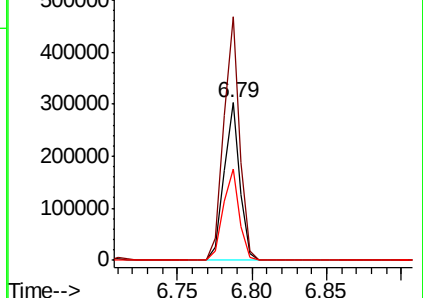
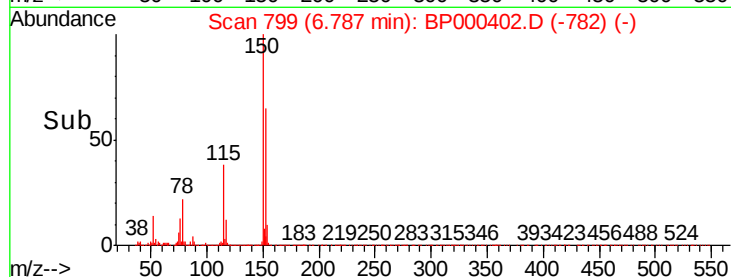
115 58.1 49.7 74.5



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: 124.064 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BP000402.D

Acq: 24 Sep 2019 23:03

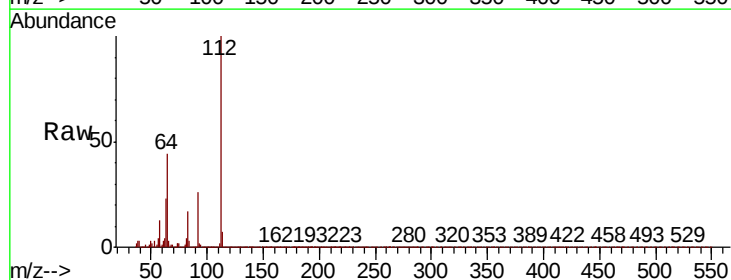
Tgt Ion:112 Resp: 1631320

Ion Ratio Lower Upper

112 100

64 43.8 36.2 54.4

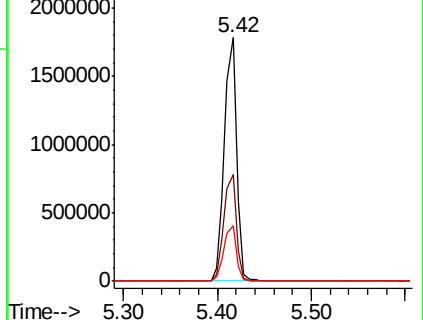
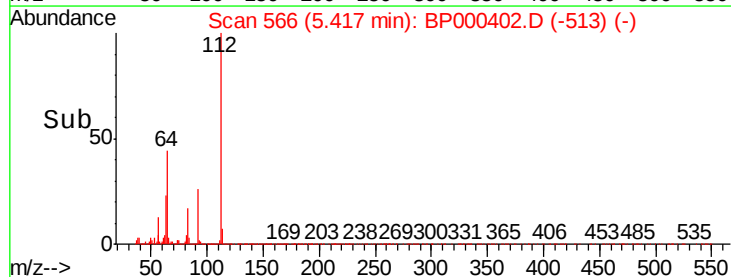
63 22.8 18.3 27.5

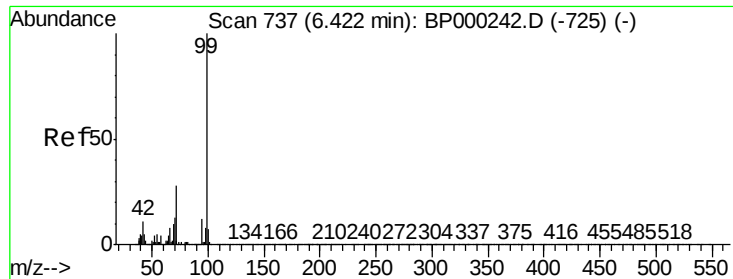


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 125.913 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000402.D

Acq: 24 Sep 2019 23:03

Instrument :

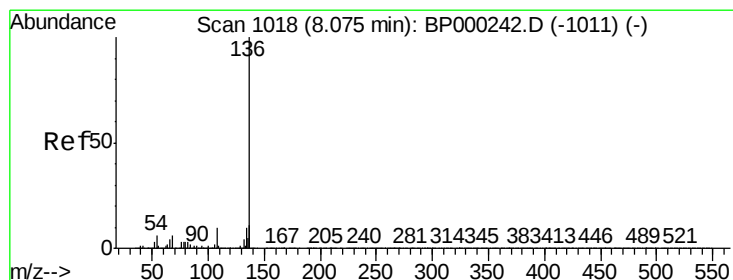
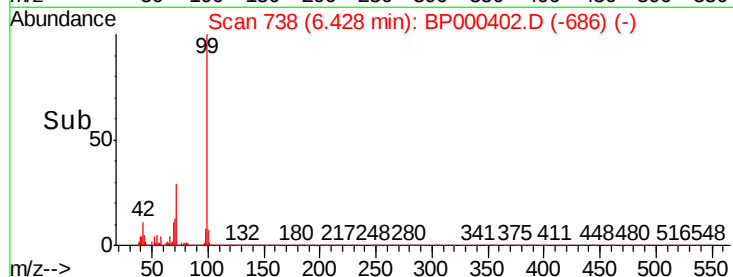
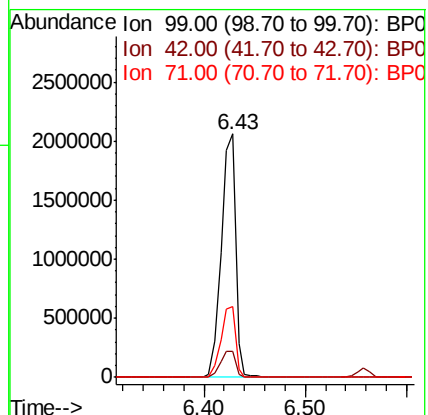
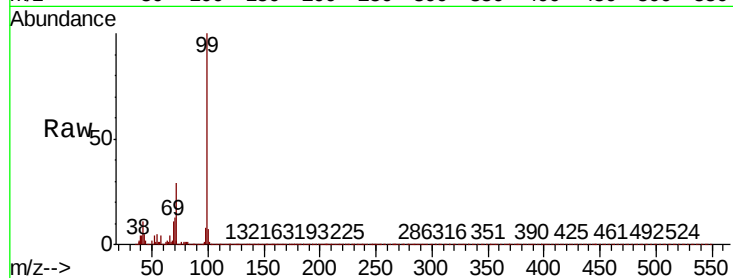
BNA_P

ClientSampleId :

PB123345TB

Tot Ion: 99 Resp: 2029453

Ion	Ratio	Lower	Upper
99	100		
42	10.6	8.5	12.7
71	29.1	22.6	34.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

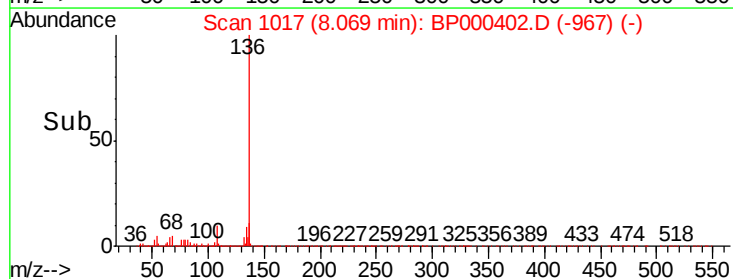
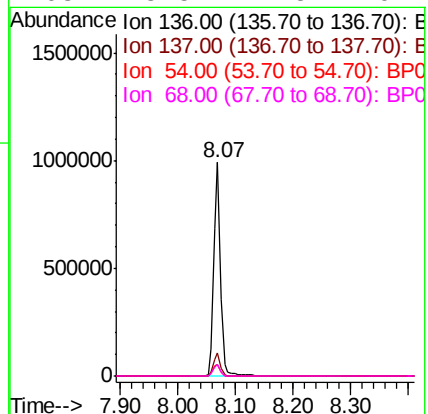
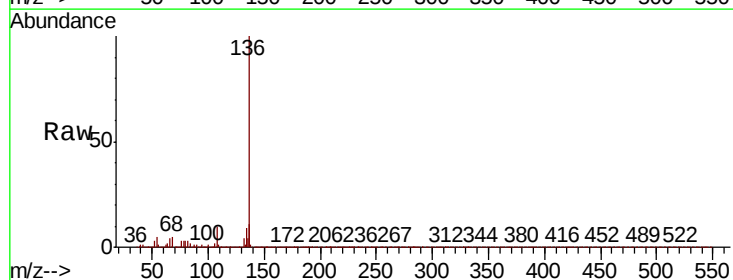
Delta R.T. -0.01 min

Lab File: BP000402.D

Acq: 24 Sep 2019 23:03

Tgt Ion: 136 Resp: 812263

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.5	4.5	6.7
68	5.5	4.5	6.7

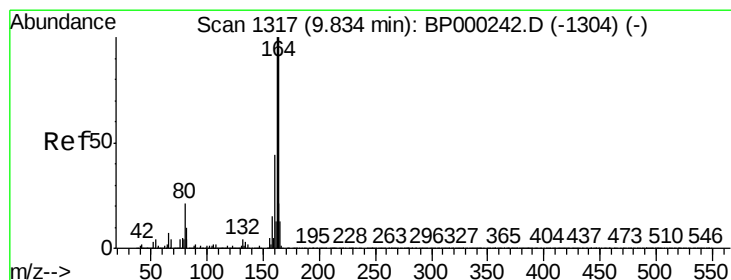
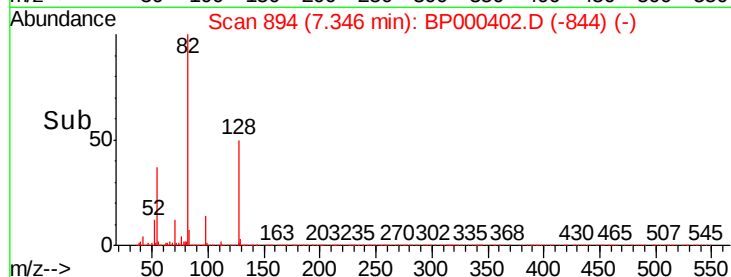
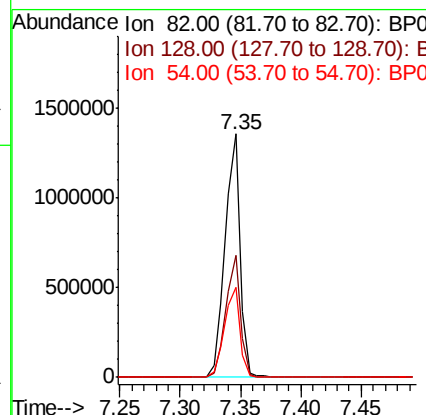
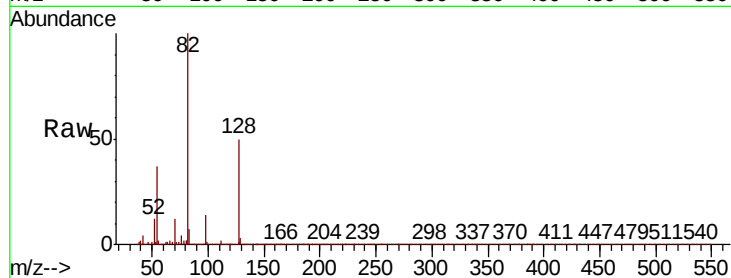




#23
 Nitrobenzene-d5
 Concen: 92.240 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BP000402.D
 Acq: 24 Sep 2019 23:03

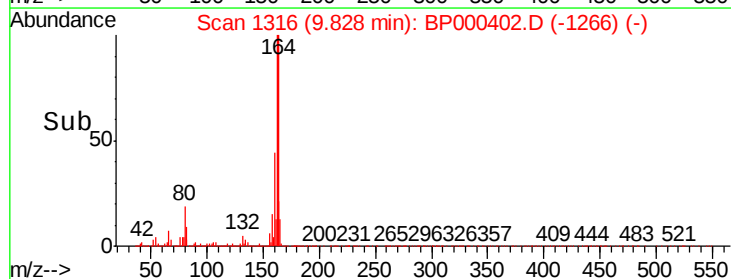
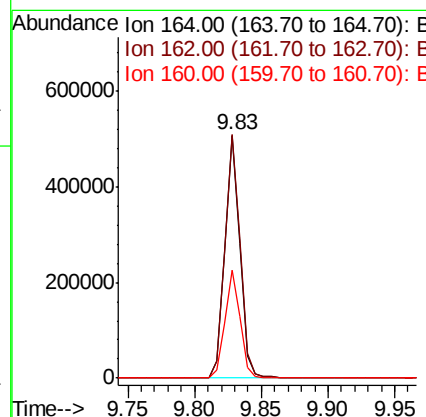
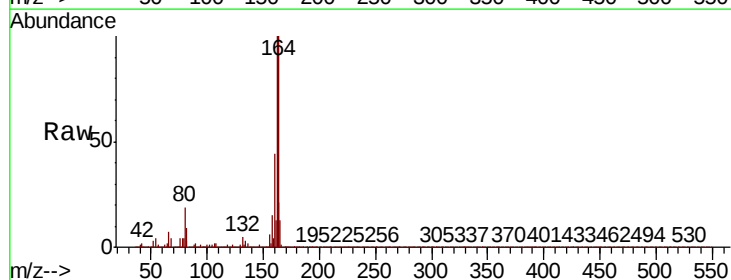
Instrument :
 BNA_P
 ClientSampleId :
 PB123345TB

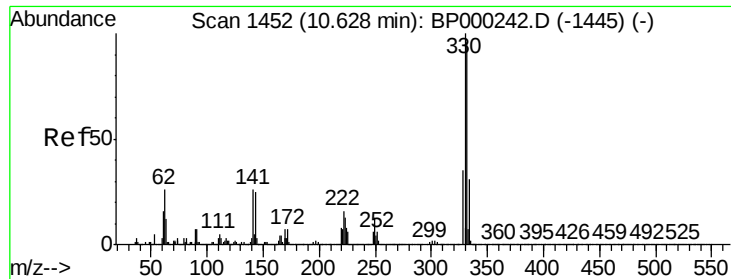
Tot Ion: 82 Resp: 1161242
 Ion Ratio Lower Upper
 82 100
 128 50.1 40.7 61.1
 54 36.8 30.1 45.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BP000402.D
 Acq: 24 Sep 2019 23:03

Tgt Ion:164 Resp: 407806
 Ion Ratio Lower Upper
 164 100
 162 100.4 79.9 119.9
 160 44.7 35.6 53.4

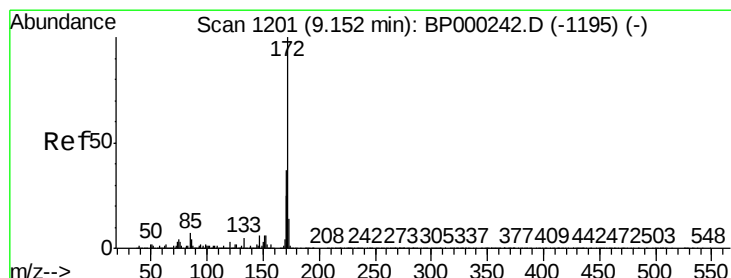
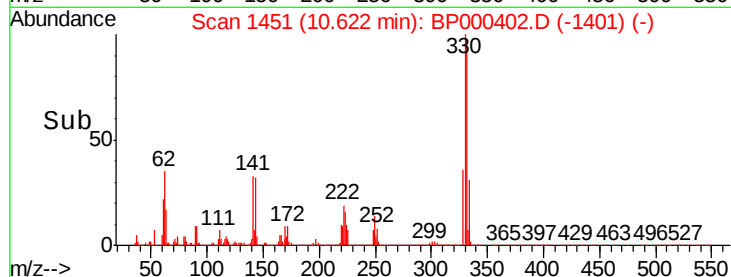
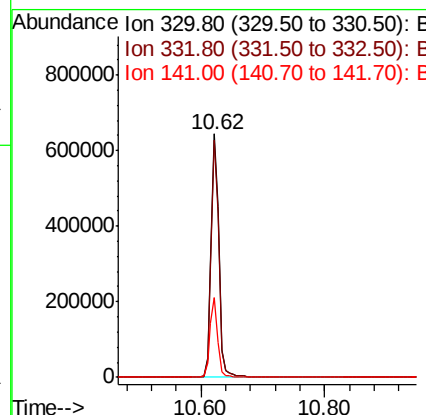
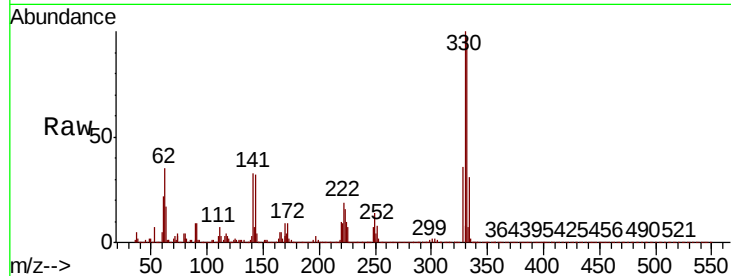




#42
 2,4,6-Tribromophenol
 Concen: 139.400 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BP000402.D
 Acq: 24 Sep 2019 23:03

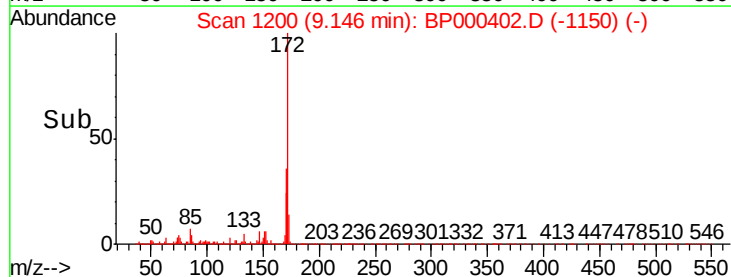
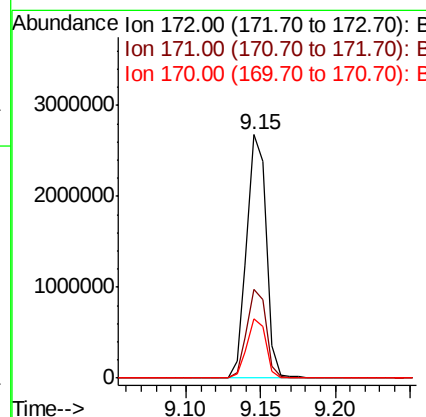
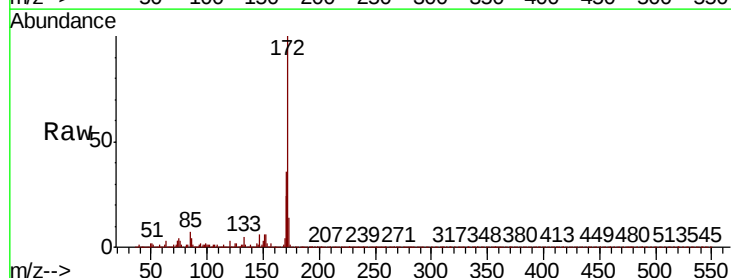
Instrument :
 BNA_P
 ClientSampleId :
 PB123345TB

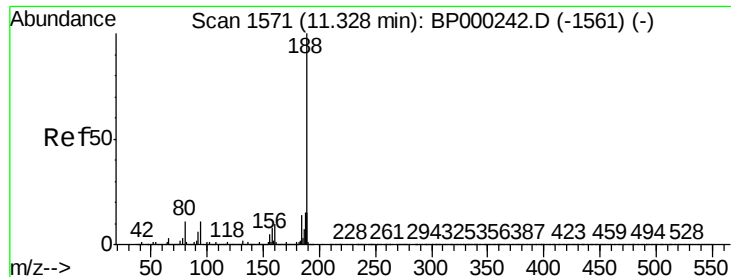
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	32.6	26.5	39.7



#45
 2-Fluorobiphenyl
 Concen: 108.661 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BP000402.D
 Acq: 24 Sep 2019 23:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.8	44.6
170	24.4	19.8	29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BP000402.D

Acq: 24 Sep 2019 23:03

Instrument :

BNA_P

ClientSampleId :

PB123345TB

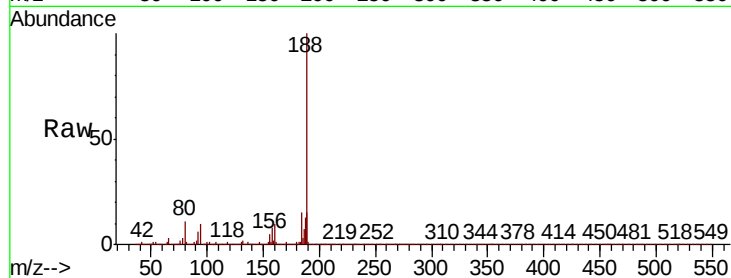
Tot Ion:188 Resp: 757634

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

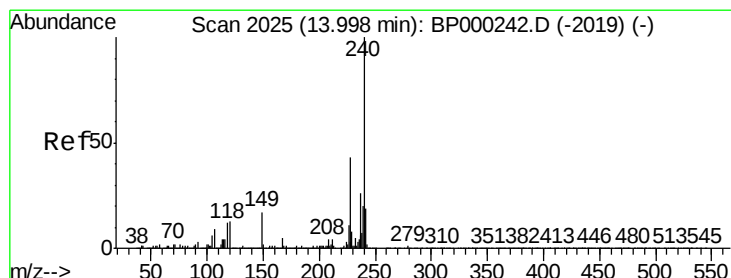
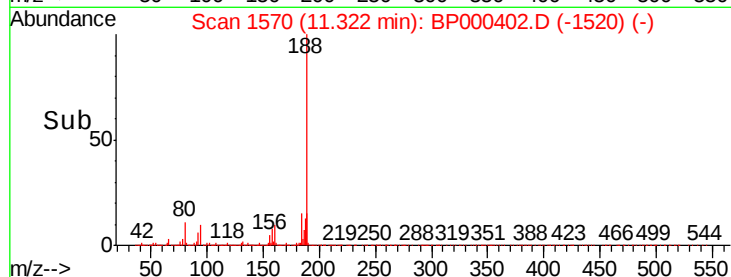
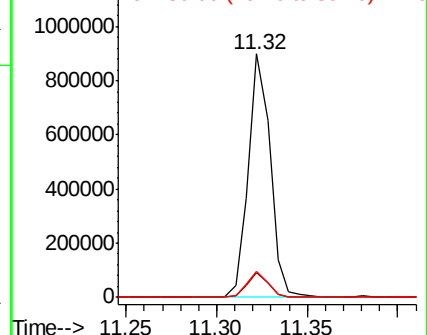
80 10.6 8.6 13.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000402.D

Acq: 24 Sep 2019 23:03

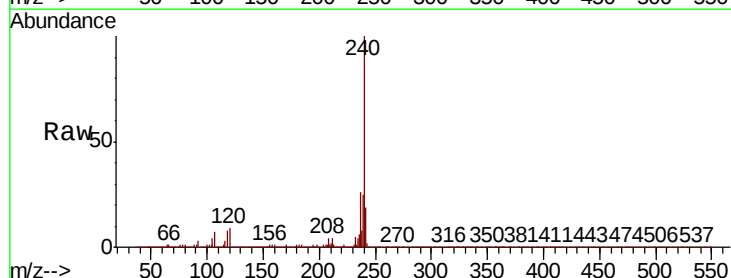
Tgt Ion:240 Resp: 478607

Ion Ratio Lower Upper

240 100

120 9.0 10.4 15.6#

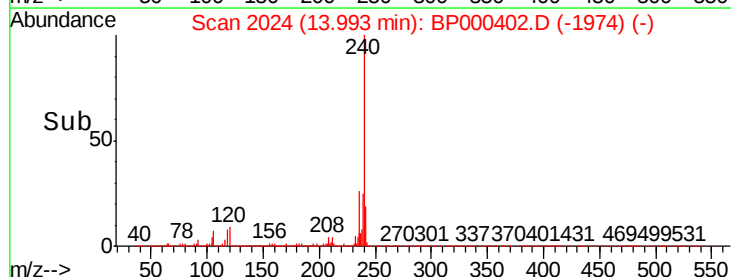
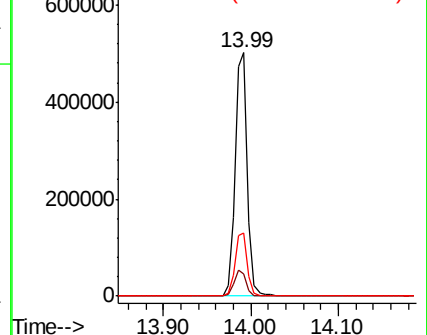
236 26.2 21.0 31.6

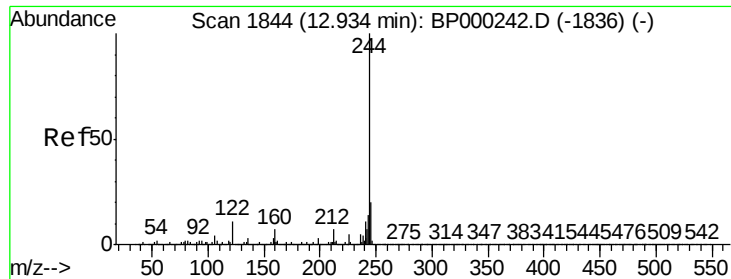


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.544 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000402.D

Acq: 24 Sep 2019 23:03

Instrument :

BNA_P

ClientSampleId :

PB123345TB

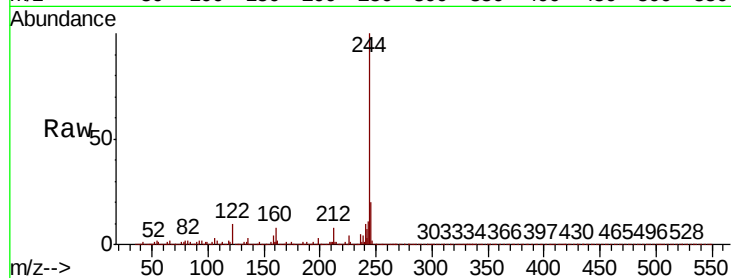
Tot Ion:244 Resp: 2225400

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

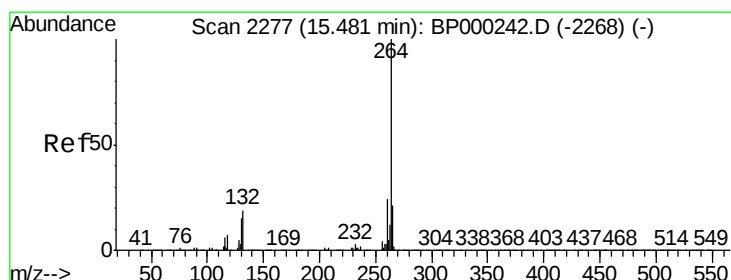
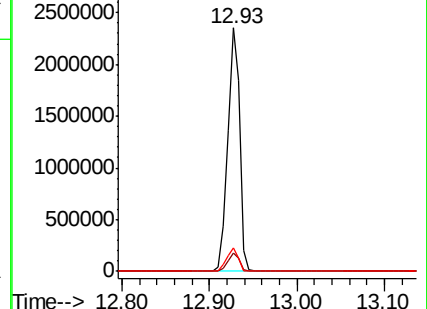
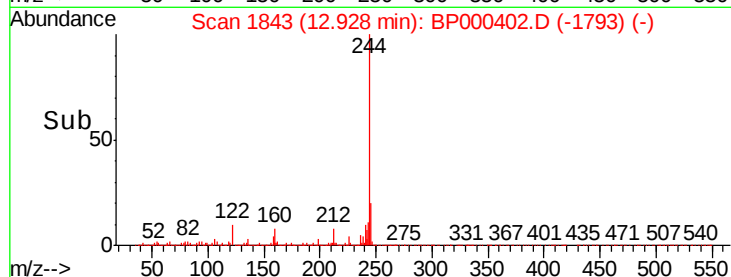
122 9.8 9.0 13.4



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# 2275

Delta R.T. -0.01 min

Lab File: BP000402.D

Acq: 24 Sep 2019 23:03

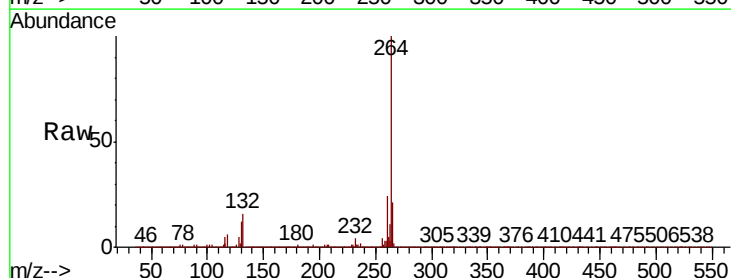
Tgt Ion:264 Resp: 533084

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 21.4 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

