

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000440.D
 Acq On : 26 Sep 2019 23:37
 Operator : JU
 Sample : PB123396TB
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB123396TB

Quant Time: Sep 27 06:02:45 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	249022	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	874367	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	473706	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	855632	20.00	ng	0.00
76) Chrysene-d12	14.00	240	744927	20.00	ng	0.00
87) Perylene-d12	15.49	264	823618	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1661486	115.18	ng	0.02
7) Phenol-d6	6.43	99	2057498	116.36	ng	0.01
23) Nitrobenzene-d5	7.35	82	1163511	85.86	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	581316	123.72	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2462808	93.57	ng	0.00
79) Terphenyl-d14	12.94	244	2966523	83.54	ng	0.00

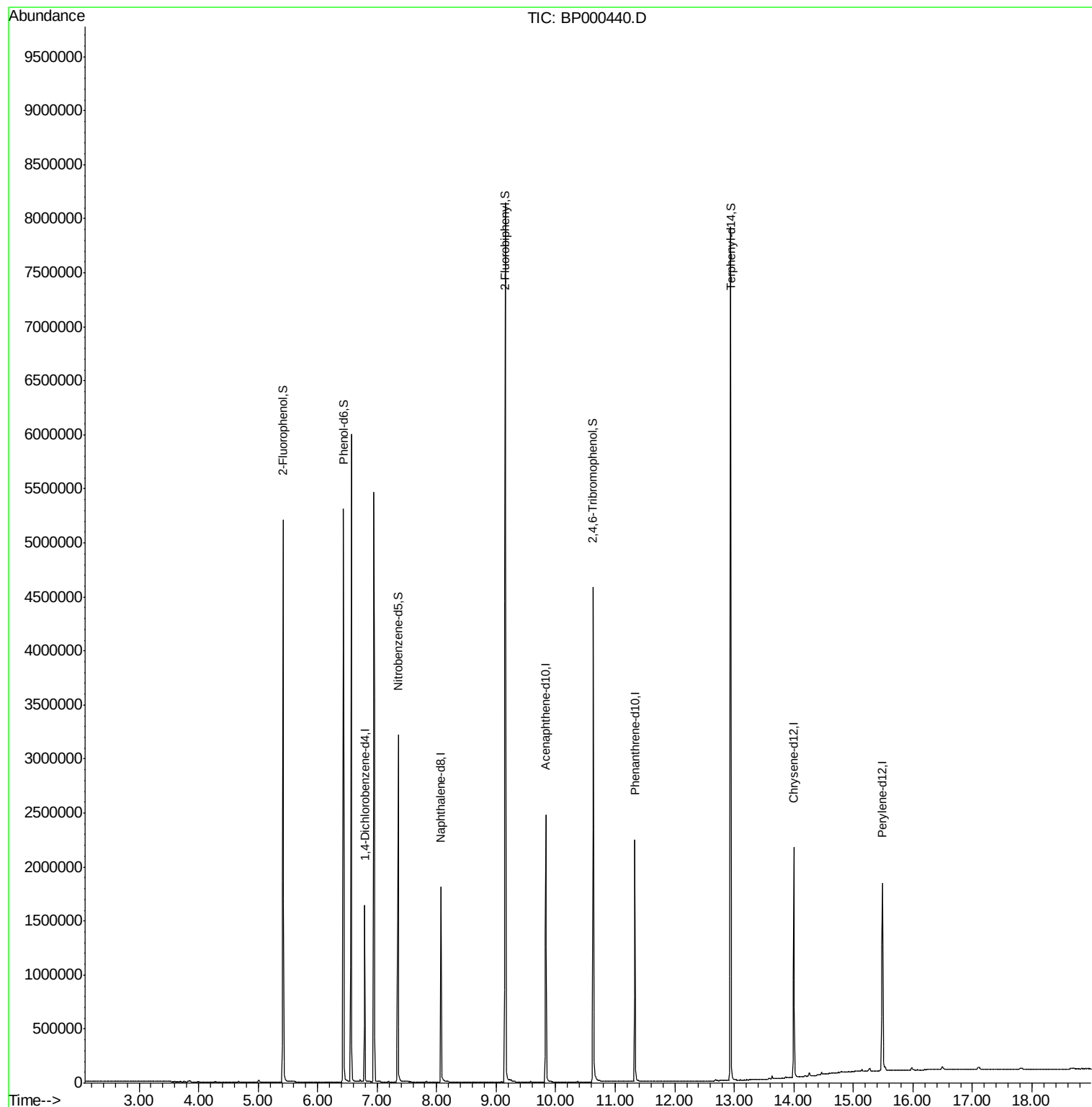
Target Compounds Qvalue

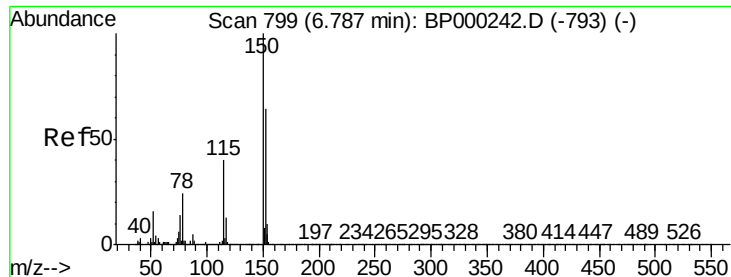
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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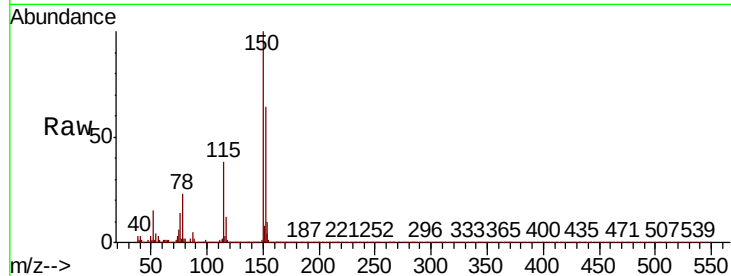


#1

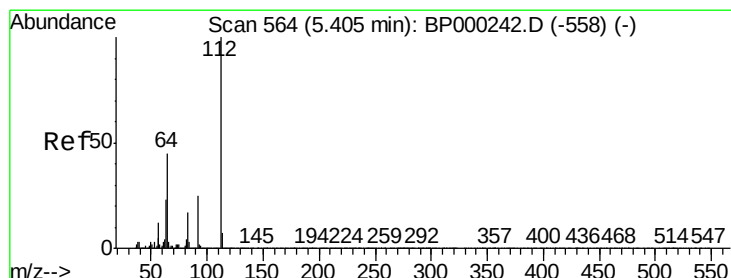
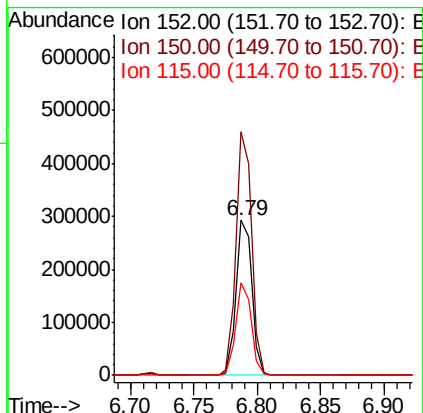
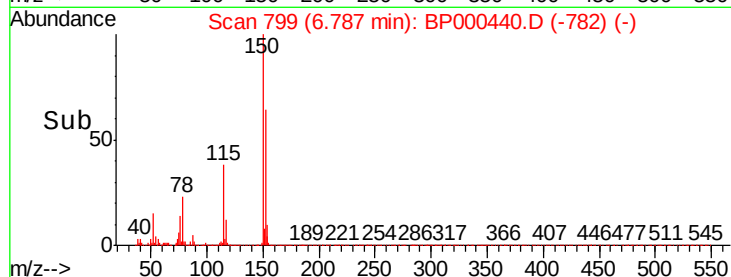
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000440.D
Acq: 26 Sep 2019 23:37

Instrument :
BNA_P
ClientSampleId :
PB123396TB

Tot Ion:152 Resp: 249022
Ion Ratio Lower Upper
152 100
150 156.9 125.2 187.8
115 60.1 49.7 74.5



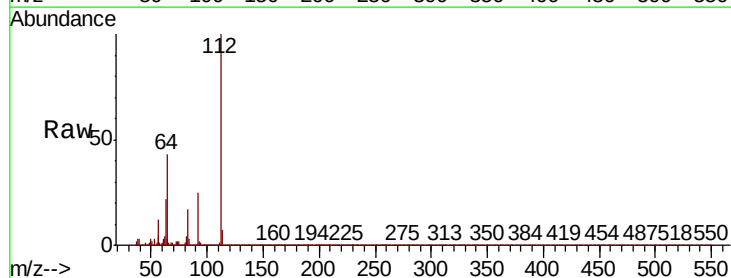
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



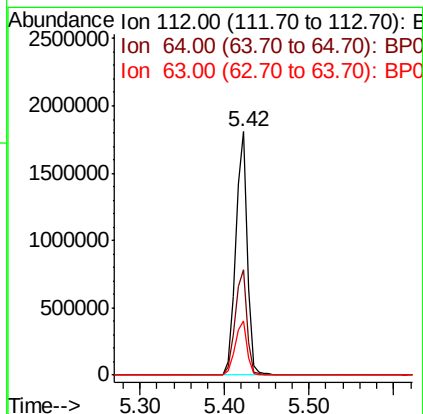
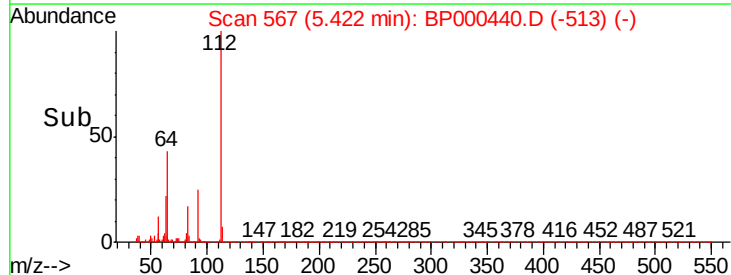
#5

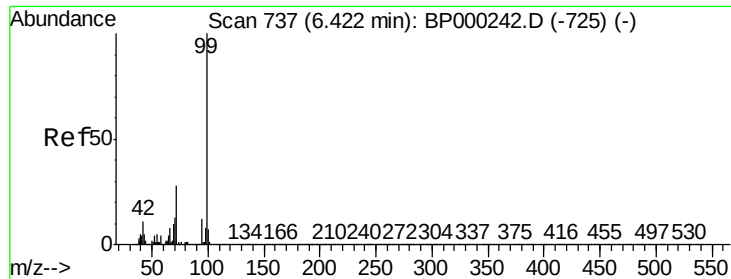
2-Fluorophenol
Concen: 115.183 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000440.D
Acq: 26 Sep 2019 23:37

Tgt Ion:112 Resp: 1661486
Ion Ratio Lower Upper
112 100
64 43.1 36.2 54.4
63 22.0 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: 116.363 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000440.D

Acq: 26 Sep 2019 23:37

Instrument :

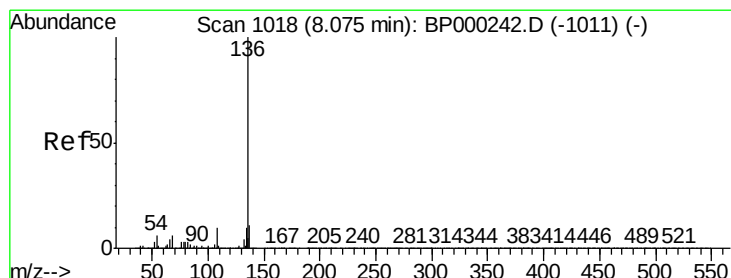
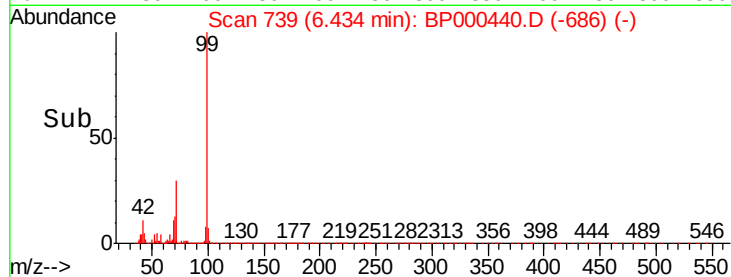
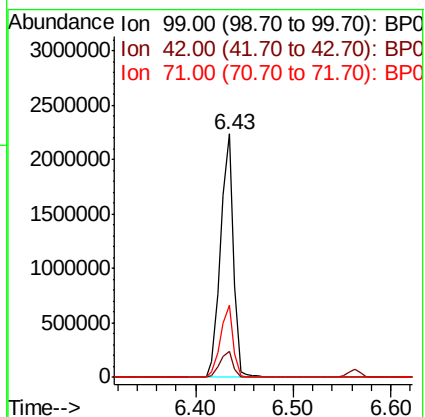
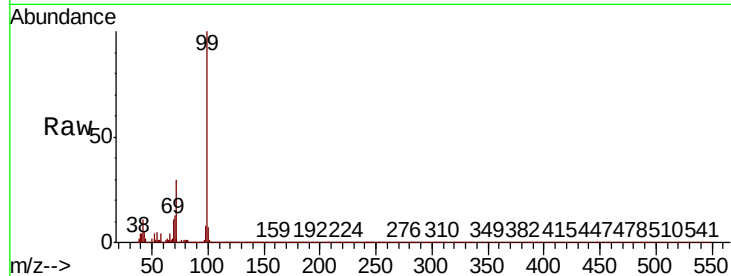
BNA_P

ClientSampleId :

PB123396TB

Tot Ion: 99 Resp: 2057498

Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.5	12.7
71	29.8	22.6	34.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1018

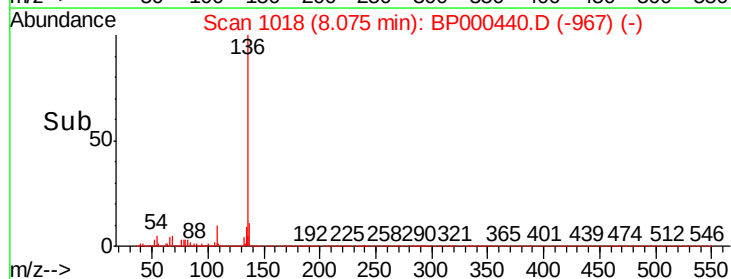
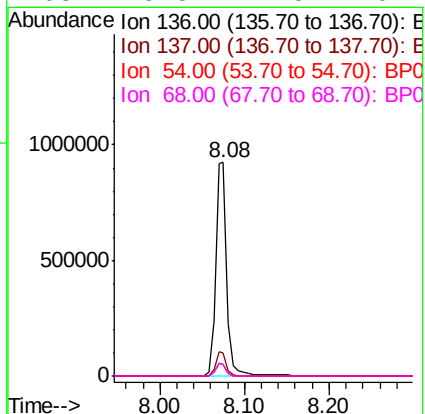
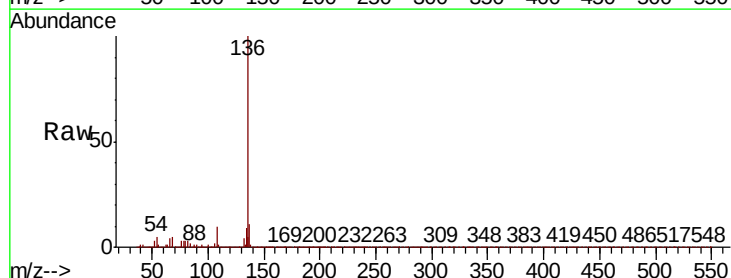
Delta R.T. -0.00 min

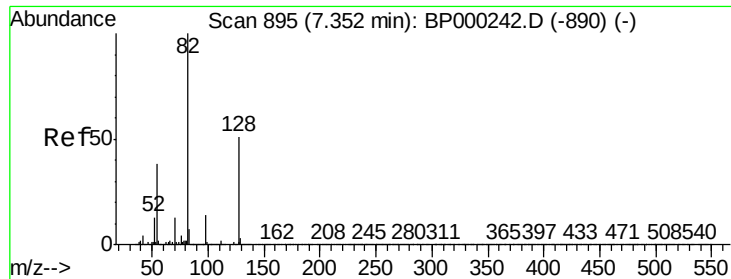
Lab File: BP000440.D

Acq: 26 Sep 2019 23:37

Tgt Ion: 136 Resp: 874367

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.2	4.5	6.7
68	5.3	4.5	6.7

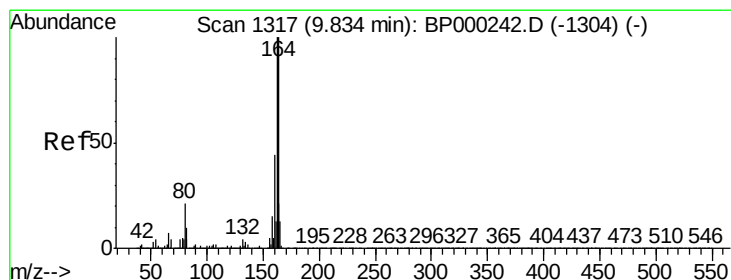
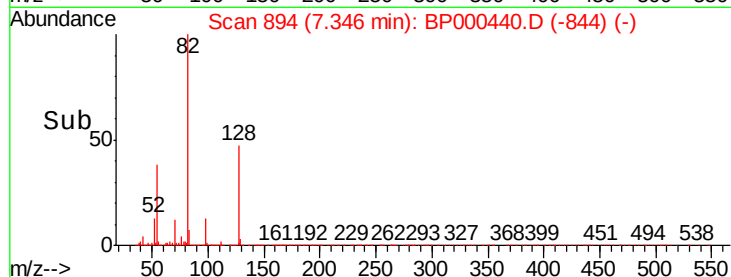
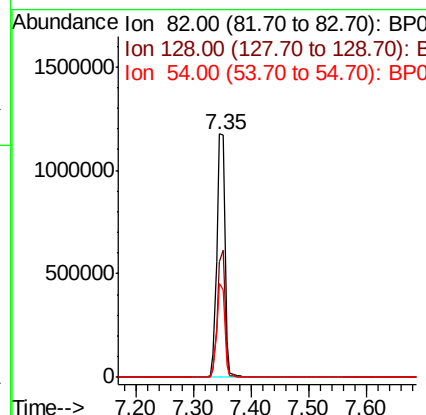
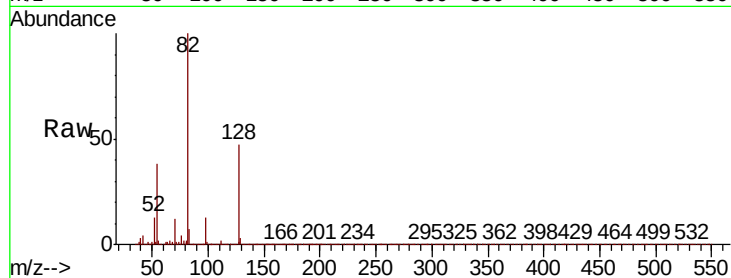




#23
 Nitrobenzene-d5
 Concen: 85.855 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BP000440.D
 Acq: 26 Sep 2019 23:37

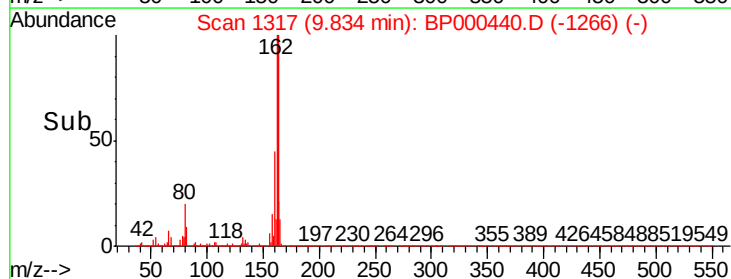
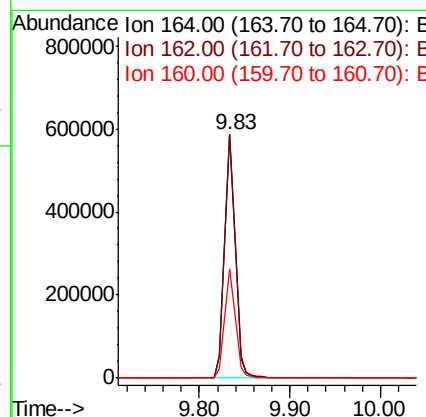
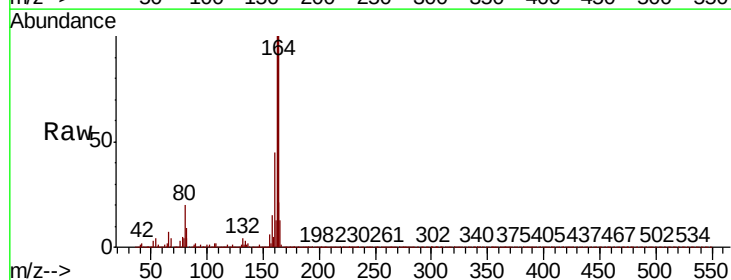
Instrument :
 BNA_P
 ClientSampleId :
 PB123396TB

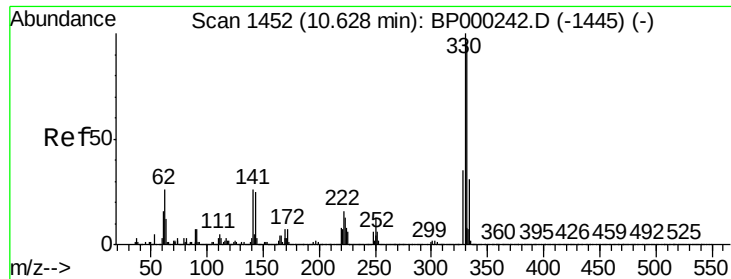
Tot Ion: 82 Resp: 1163511
 Ion Ratio Lower Upper
 82 100
 128 47.3 40.7 61.1
 54 38.4 30.1 45.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BP000440.D
 Acq: 26 Sep 2019 23:37

Tgt Ion: 164 Resp: 473706
 Ion Ratio Lower Upper
 164 100
 162 100.0 79.9 119.9
 160 44.8 35.6 53.4

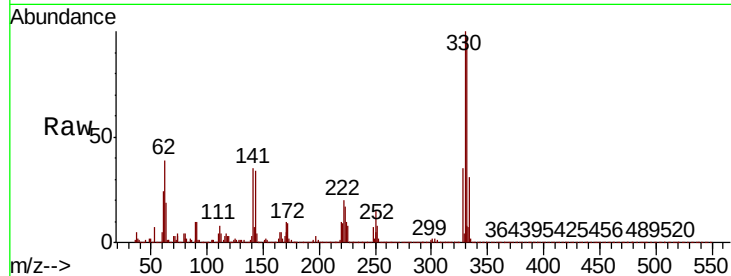




#42
 2,4,6-Tribromophenol
 Concen: 123.723 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BP000440.D
 Acq: 26 Sep 2019 23:37

Instrument :
 BNA_P
 ClientSampleId :
 PB123396TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	32.9	26.5	39.7

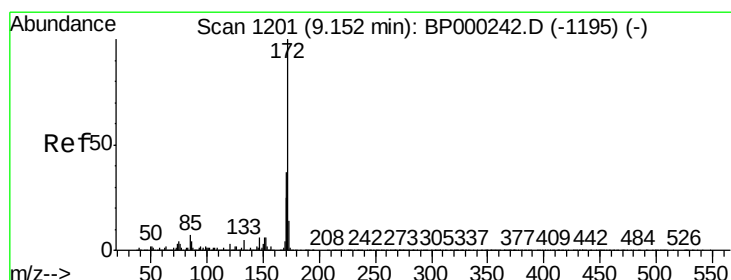
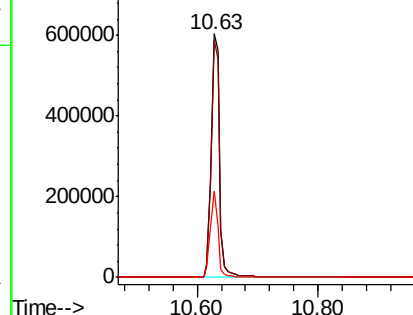
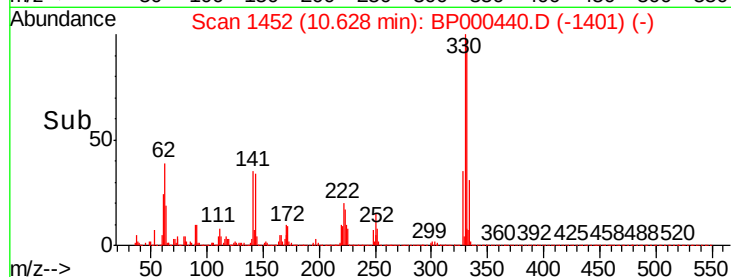


Abundance

Ion 329.80 (329.50 to 330.50): E

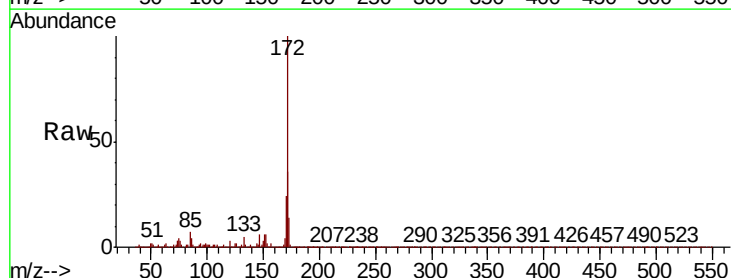
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.572 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BP000440.D
 Acq: 26 Sep 2019 23:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.8	44.6
170	24.4	19.8	29.6

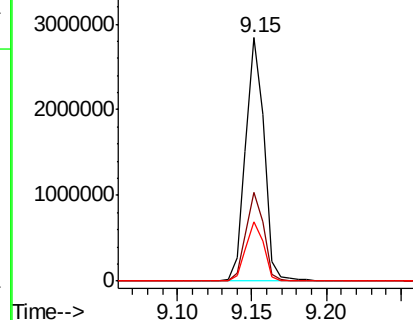
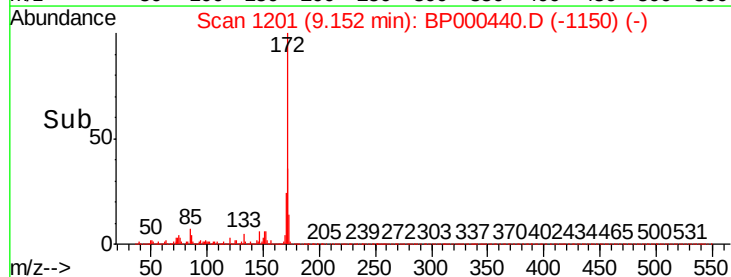


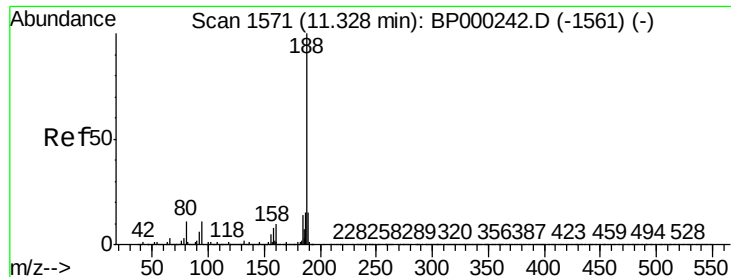
Abundance

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: BP000440.D

Acq: 26 Sep 2019 23:37

Instrument :

BNA_P

ClientSampleId :

PB123396TB

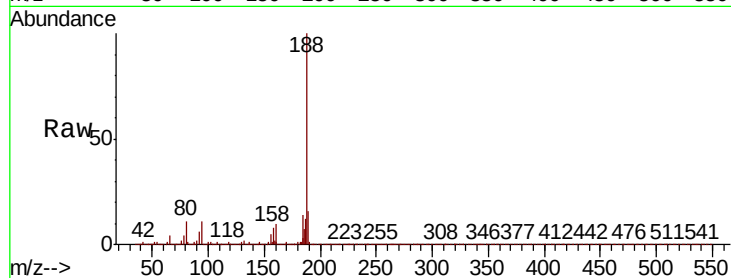
Tot Ion:188 Resp: 855632

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

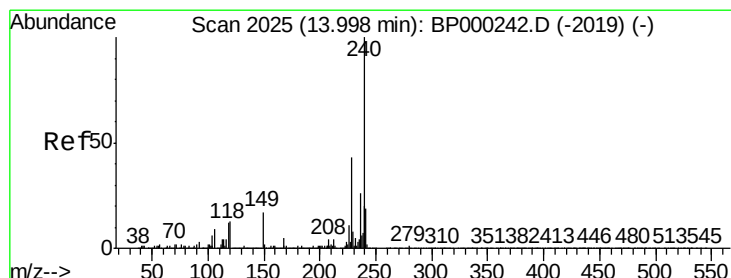
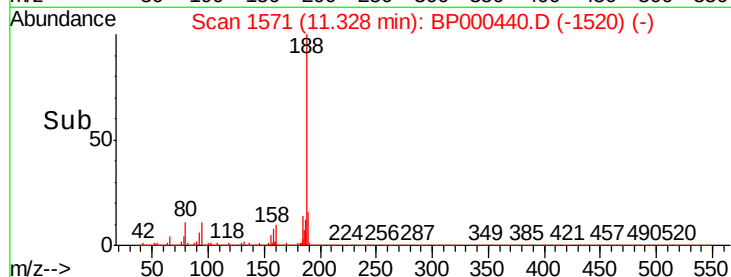
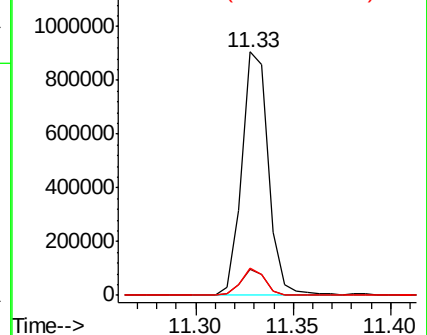
80 11.3 8.6 13.0



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: BP000440.D

Acq: 26 Sep 2019 23:37

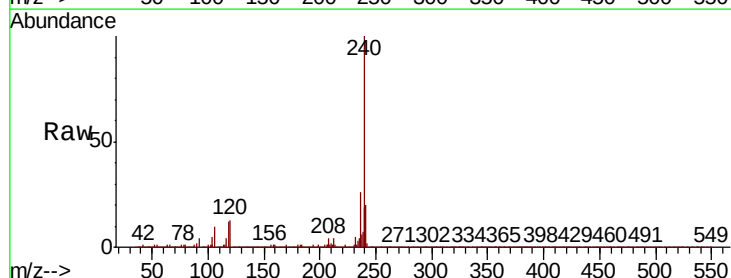
Tgt Ion:240 Resp: 744927

Ion Ratio Lower Upper

240 100

120 13.2 10.4 15.6

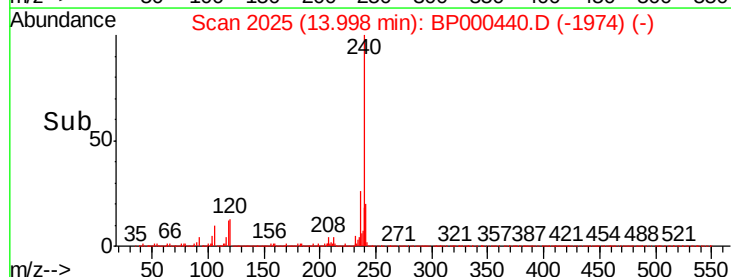
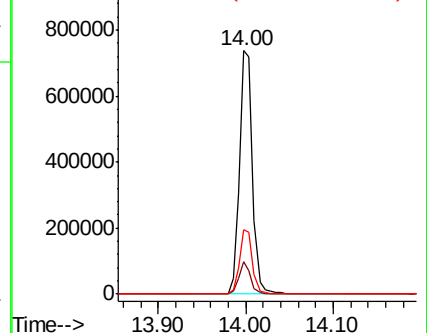
236 26.3 21.0 31.6

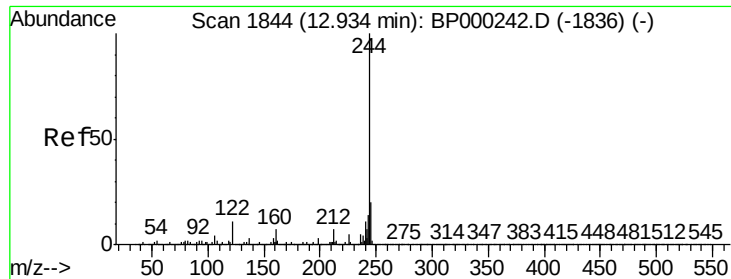


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

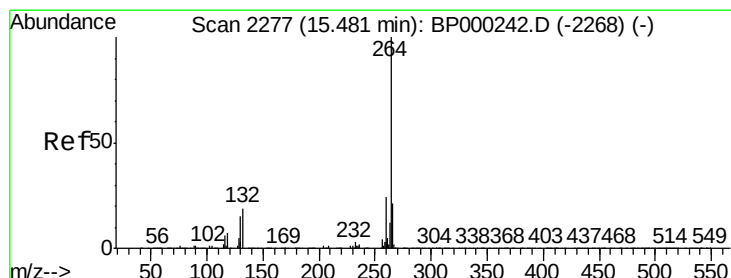
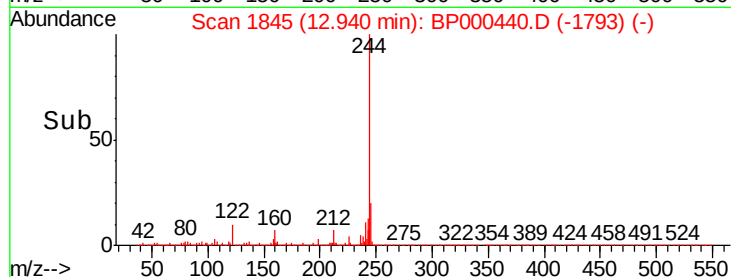
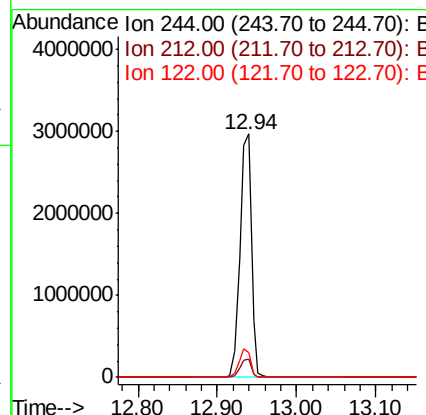
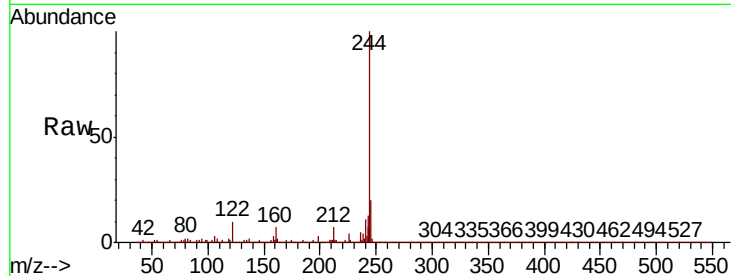




#79
 Terphenyl-d14
 Concen: 83.542 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BP000440.D
 Acq: 26 Sep 2019 23:37

Instrument :
 BNA_P
 ClientSampleId :
 PB123396TB

Tot Ion:244 Resp: 2966523
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.2 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: BP000440.D
 Acq: 26 Sep 2019 23:37

Tgt Ion:264 Resp: 823618
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 21.8 17.2 25.8

