

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
 Data File : BP000344.D
 Acq On : 20 Sep 2019 09:52
 Operator : HP/JU
 Sample : PB123227BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB123227BL

Quant Time: Sep 20 16:02:21 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	260881	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	955720	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	538656	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	940675	20.00	ng	0.00
76) Chrysene-d12	14.00	240	870949	20.00	ng	0.00
87) Perylene-d12	15.48	264	1032628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1664276	110.13	ng	0.02
7) Phenol-d6	6.43	99	2071551	111.83	ng	0.00
23) Nitrobenzene-d5	7.35	82	1186085	80.07	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	694540	130.00	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2710708	90.57	ng	0.00
79) Terphenyl-d14	12.94	244	3428686	82.59	ng	0.00

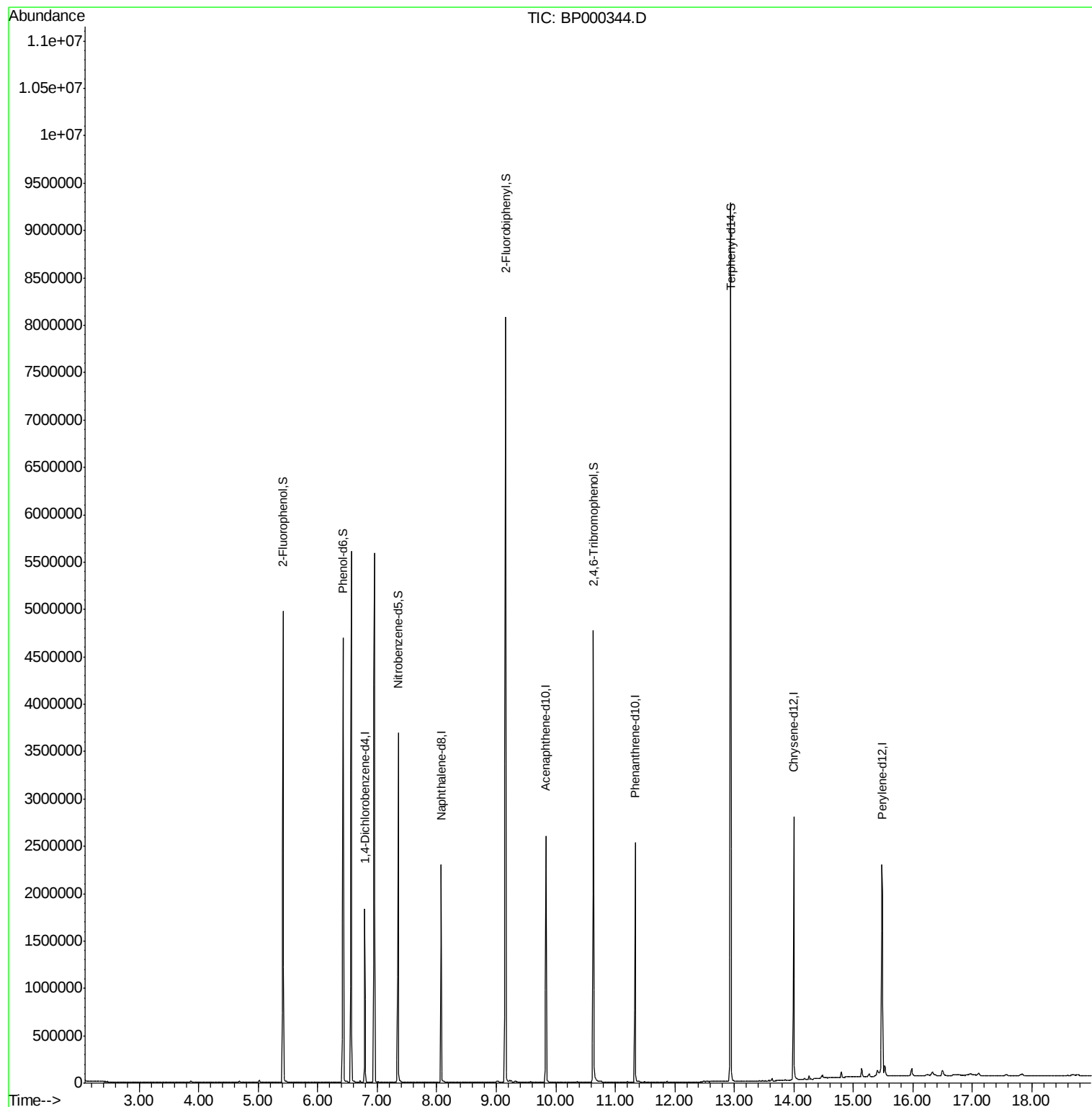
Target Compounds Qvalue

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

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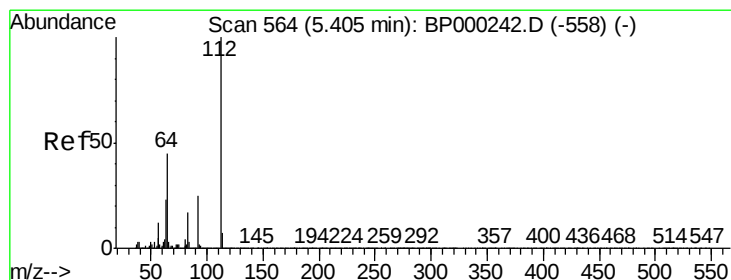
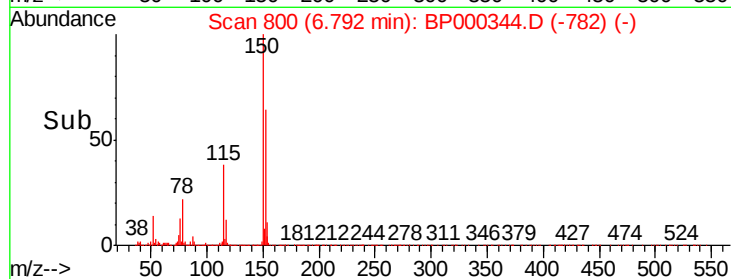
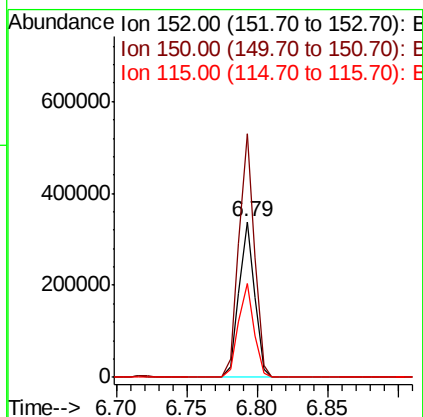
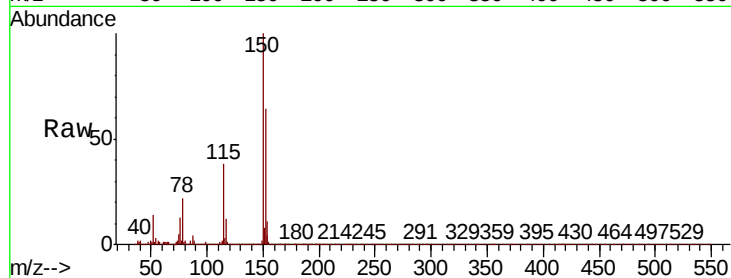


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BP000344.D
 Acq: 20 Sep 2019 09:52

Instrument :
 BNA_P
 ClientSampleId :
 PB123227BL

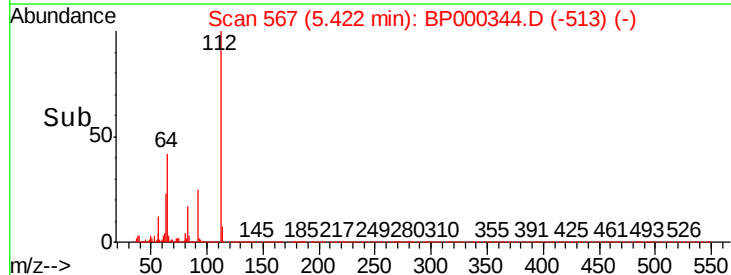
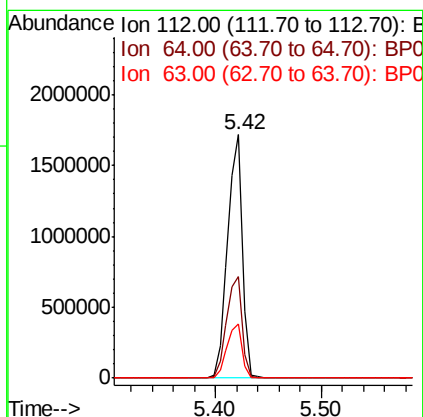
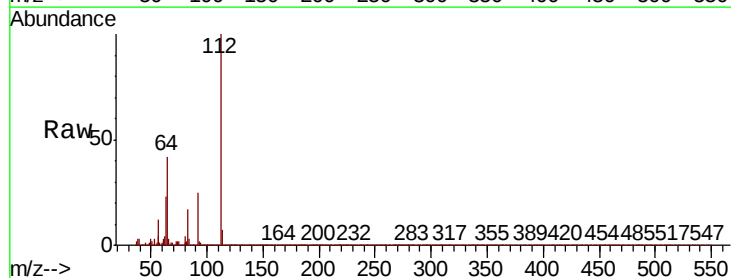
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.2	187.8
115	60.1	49.7	74.5

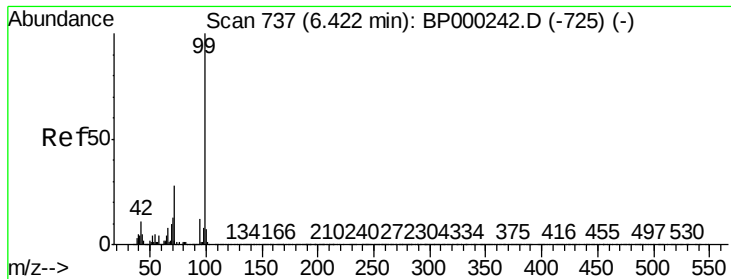


#5

2-Fluorophenol
 Concen: 110.132 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.02 min
 Lab File: BP000344.D
 Acq: 20 Sep 2019 09:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.7	36.2	54.4
63	22.5	18.3	27.5





#7

Phenol-d6

Concen: 111.832 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000344.D

Acq: 20 Sep 2019 09:52

Instrument :

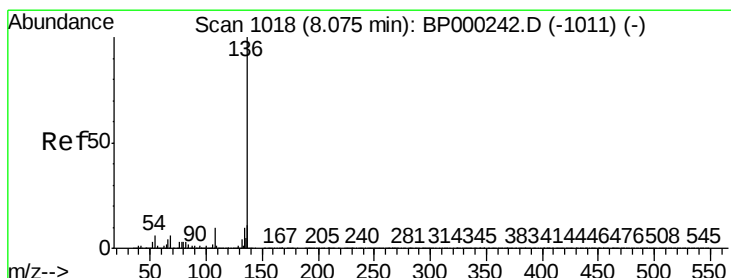
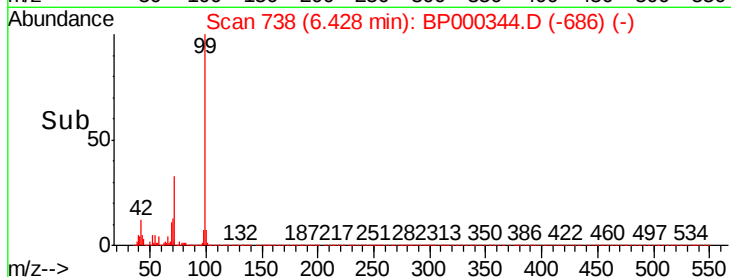
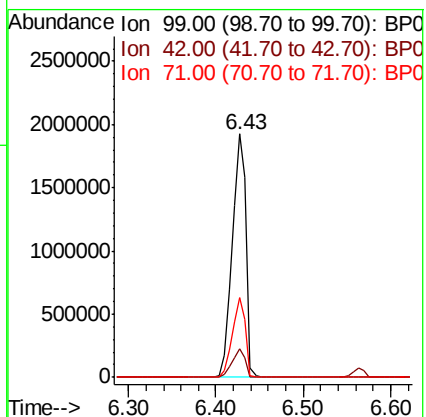
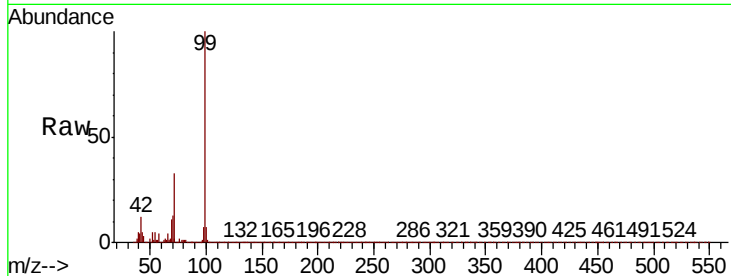
BNA_P

ClientSampleId :

PB123227BL

Tot Ion: 99 Resp: 2071551

Ion	Ratio	Lower	Upper
99	100		
42	11.5	8.5	12.7
71	32.6	22.6	34.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

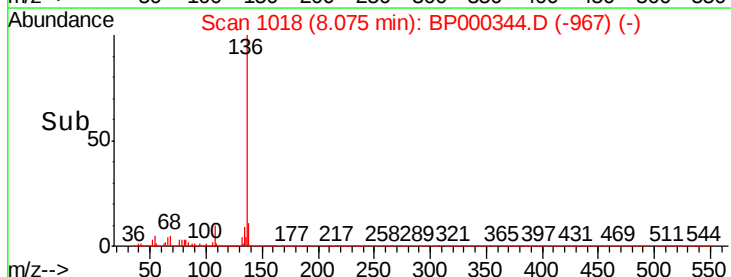
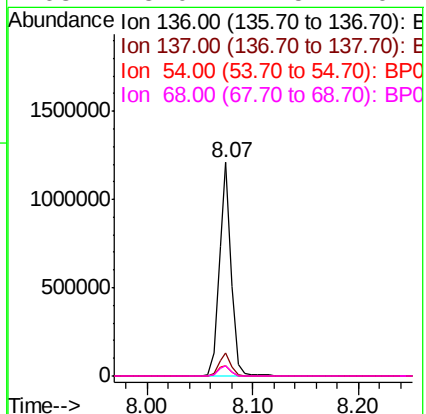
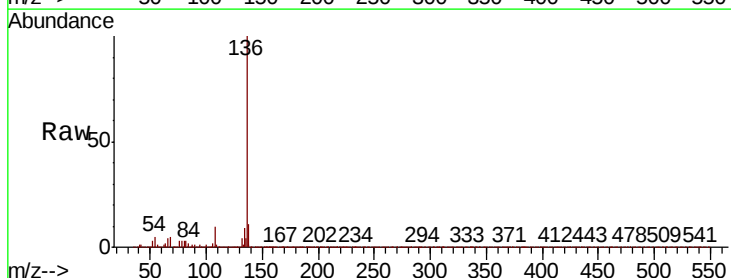
Delta R.T. -0.00 min

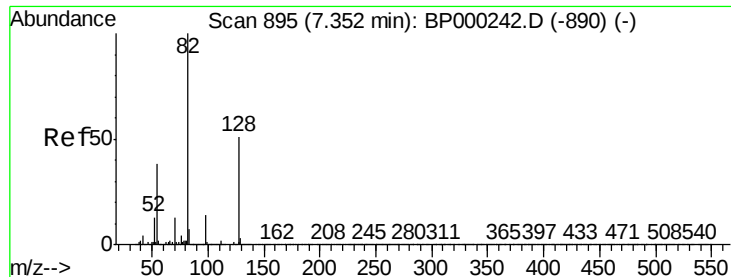
Lab File: BP000344.D

Acq: 20 Sep 2019 09:52

Tgt Ion: 136 Resp: 955720

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.1	4.5	6.7
68	5.0	4.5	6.7

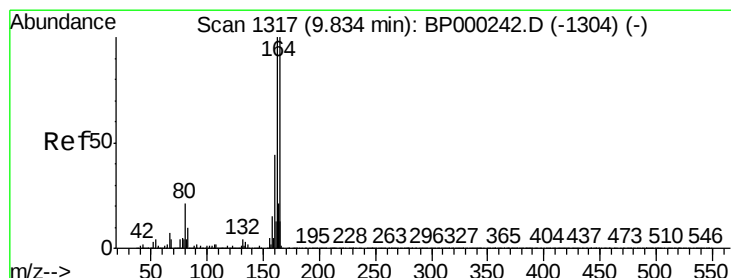
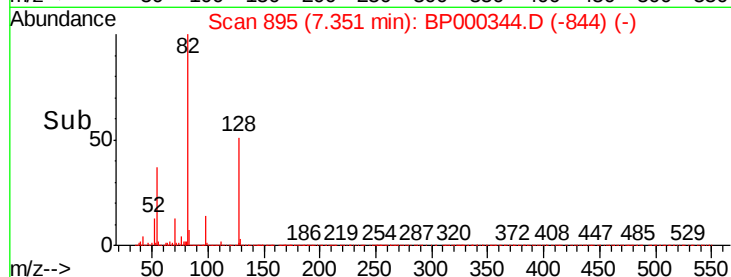
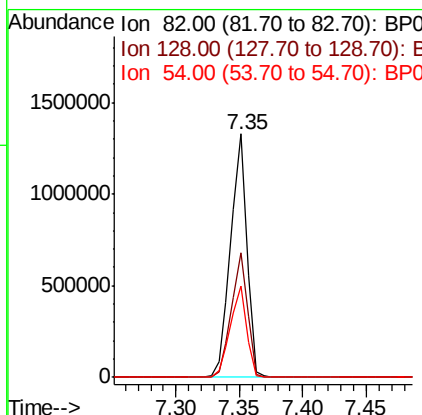
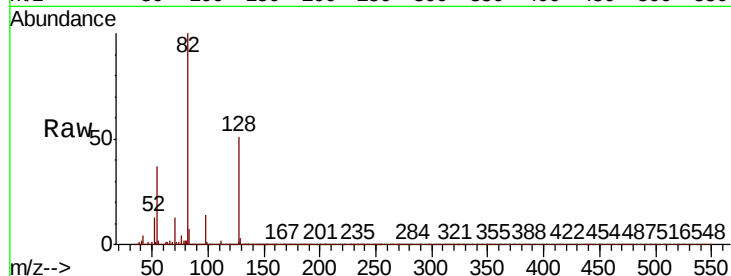




#23
Nitrobenzene-d5
Concen: 80.071 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000344.D
Acq: 20 Sep 2019 09:52

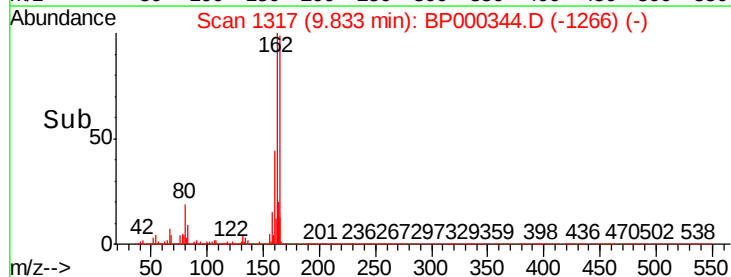
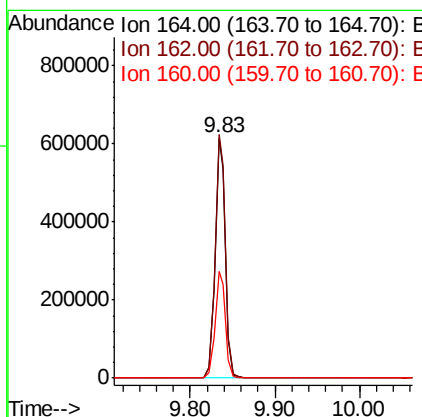
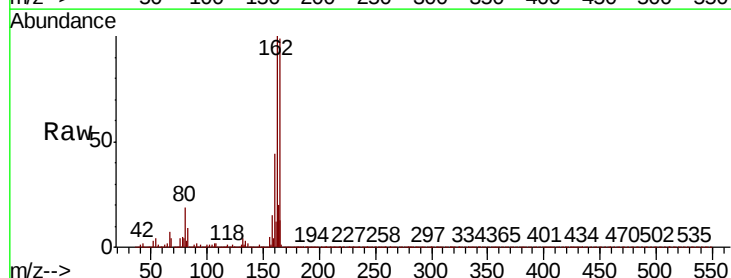
Instrument :
BNA_P
ClientSampleId :
PB123227BL

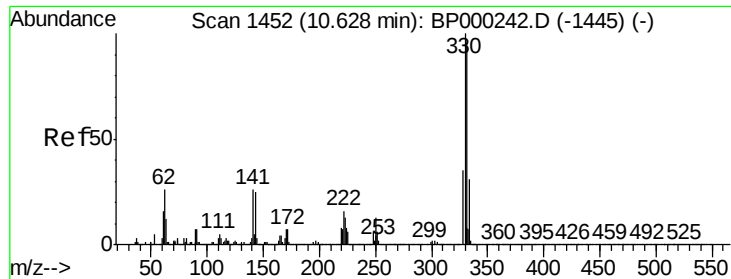
Tot Ion: 82 Resp: 1186085
Ion Ratio Lower Upper
82 100
128 50.9 40.7 61.1
54 37.4 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000344.D
Acq: 20 Sep 2019 09:52

Tgt Ion: 164 Resp: 538656
Ion Ratio Lower Upper
164 100
162 101.4 79.9 119.9
160 44.6 35.6 53.4

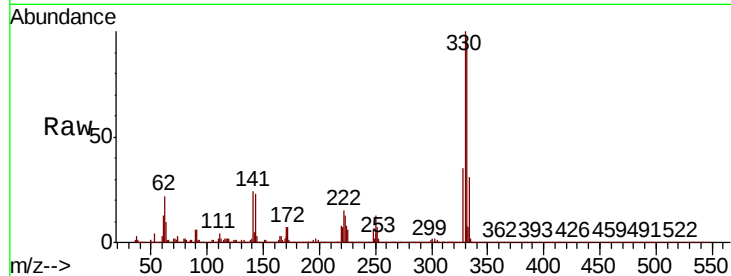




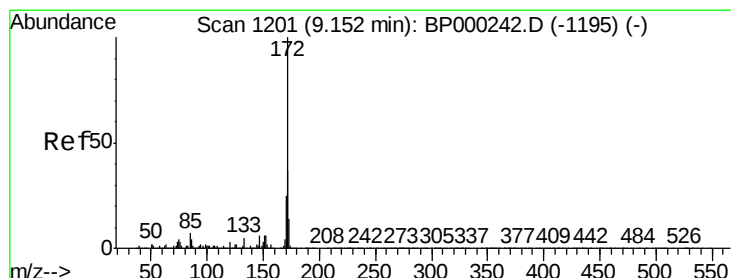
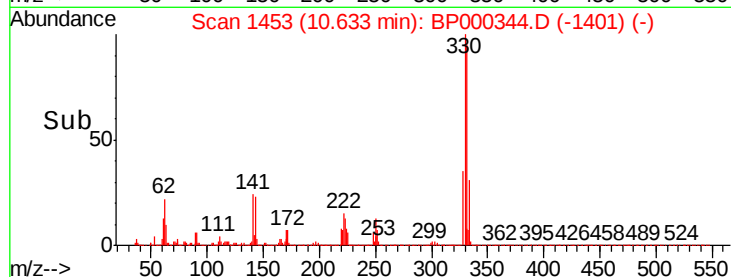
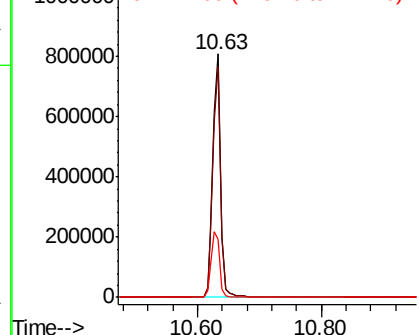
#42
2,4,6-Tribromophenol
Concen: 129.997 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BP000344.D
Acq: 20 Sep 2019 09:52

Instrument :
BNA_P
ClientSampleId :
PB123227BL

Tot Ion:330 Resp: 694540
Ion Ratio Lower Upper
330 100
332 95.1 76.6 115.0
141 29.9 26.5 39.7

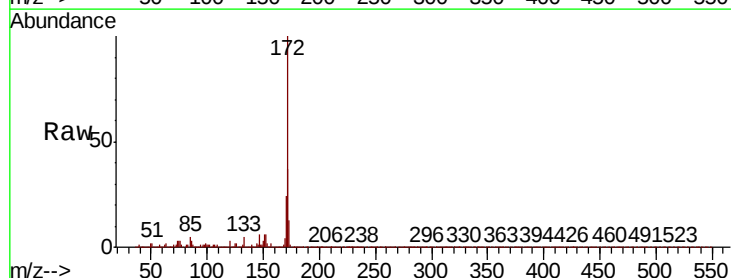


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

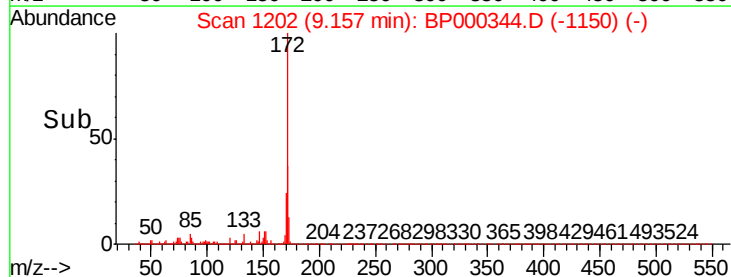
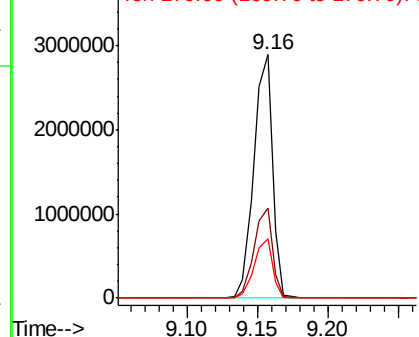


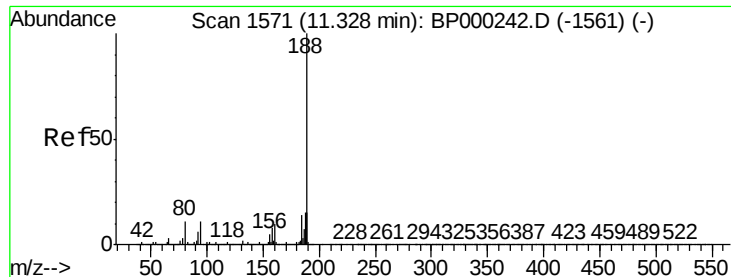
#45
2-Fluorobiphenyl
Concen: 90.573 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BP000344.D
Acq: 20 Sep 2019 09:52

Tgt Ion:172 Resp: 2710708
Ion Ratio Lower Upper
172 100
171 37.0 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# 1572

Delta R.T. 0.01 min

Lab File: BP000344.D

Acq: 20 Sep 2019 09:52

Instrument :

BNA_P

ClientSampleId :

PB123227BL

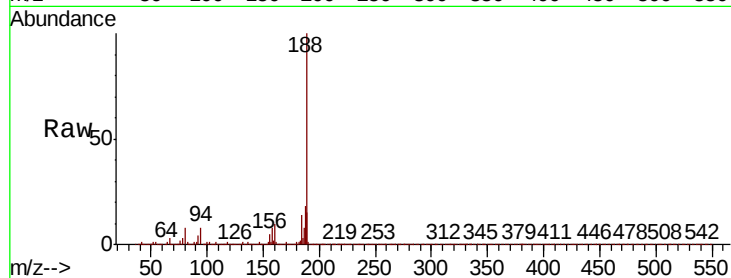
Tot Ion:188 Resp: 940675

Ion Ratio Lower Upper

188 100

94 7.8 8.5 12.7#

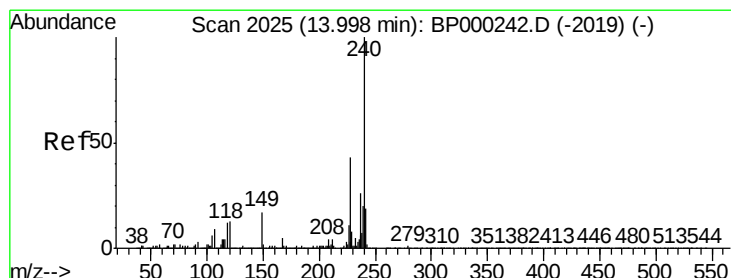
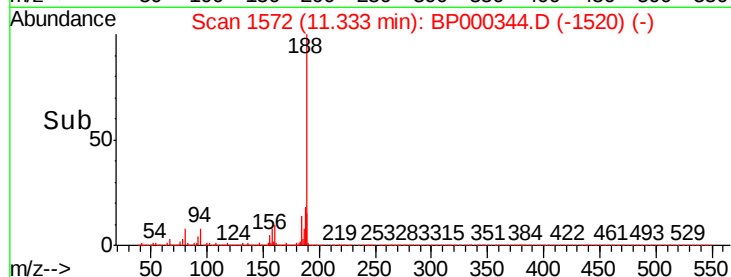
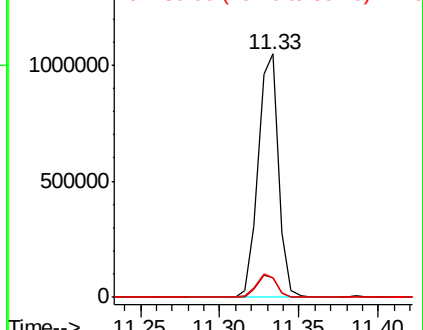
80 8.1 8.6 13.0#



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: BP000344.D

Acq: 20 Sep 2019 09:52

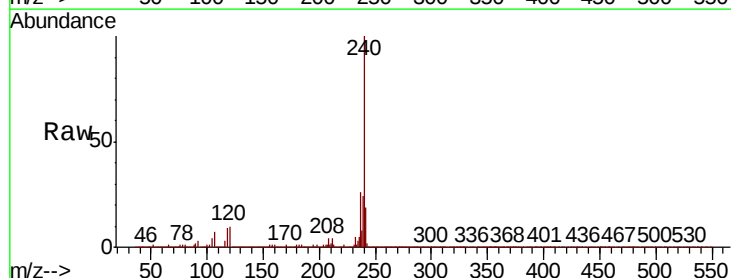
Tgt Ion:240 Resp: 870949

Ion Ratio Lower Upper

240 100

120 10.0 10.4 15.6#

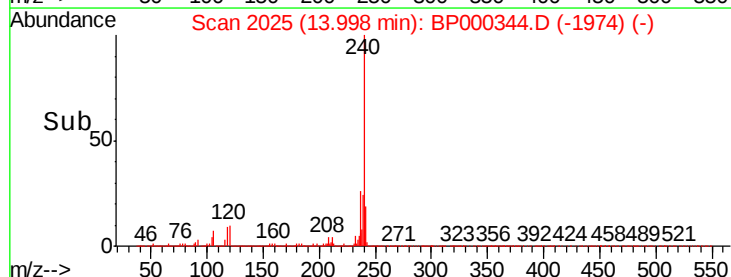
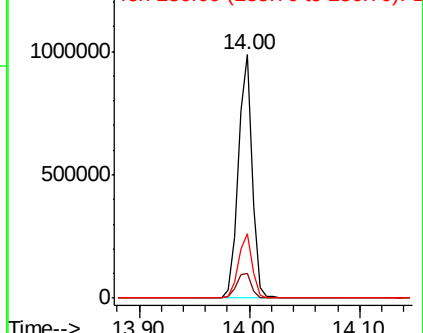
236 26.3 21.0 31.6

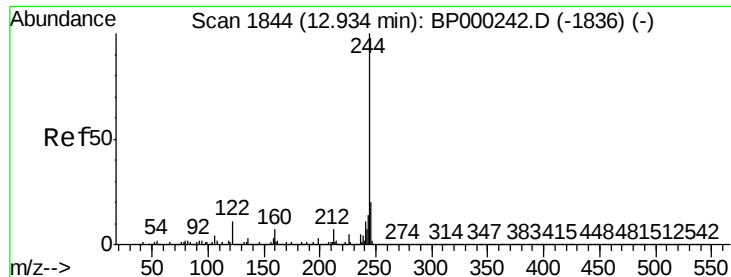


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.586 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BP000344.D

Acq: 20 Sep 2019 09:52

Instrument :

BNA_P

ClientSampleId :

PB123227BL

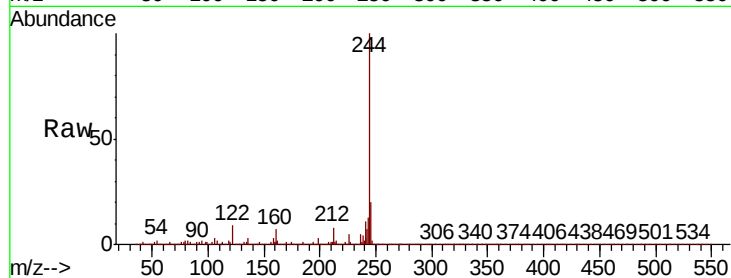
Tot Ion:244 Resp: 3428686

Ion Ratio Lower Upper

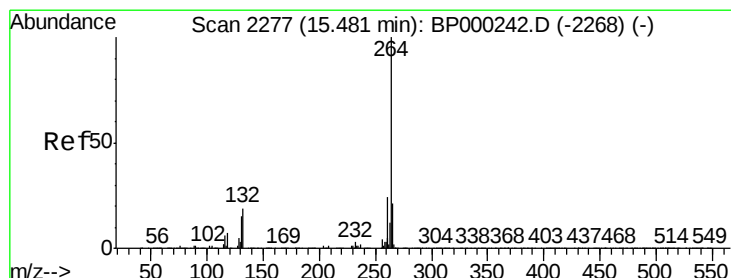
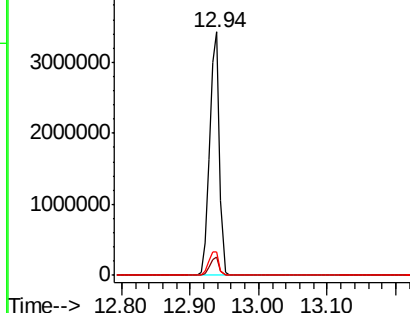
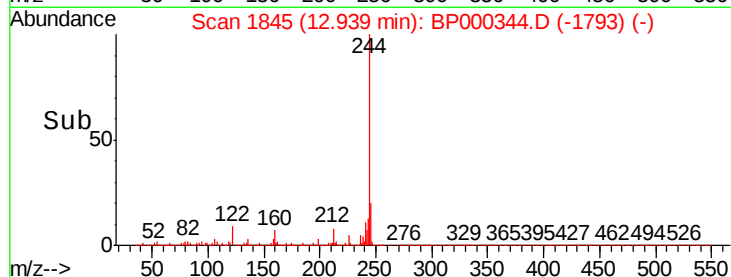
244 100

212 7.6 5.9 8.9

122 9.5 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: 15.48 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BP000344.D

Acq: 20 Sep 2019 09:52

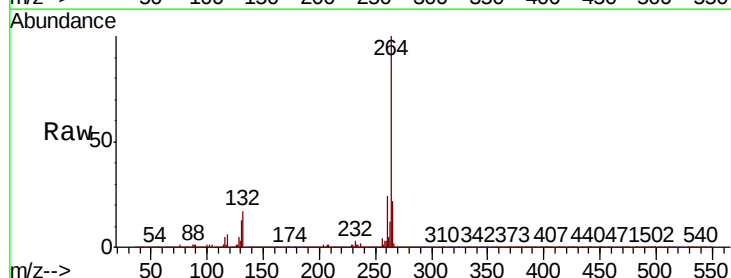
Tgt Ion:264 Resp: 1032628

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 21.7 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

