

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
 Data File : BP000370.D
 Acq On : 23 Sep 2019 19:03
 Operator : HP/JU
 Sample : PB123244BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB123244BL

Quant Time: Sep 24 04:41:16 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	245126	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	895618	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	581604	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	864714	20.00	ng	0.00
76) Chrysene-d12	13.99	240	793327	20.00	ng	0.00
87) Perylene-d12	15.47	264	876629	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1388846	97.81	ng	0.01
7) Phenol-d6	6.43	99	1720583	98.86	ng	0.00
23) Nitrobenzene-d5	7.35	82	1413039	101.79	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	556672	96.50	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	3392638	104.99	ng	0.00
79) Terphenyl-d14	12.93	244	3637312	96.18	ng	0.00

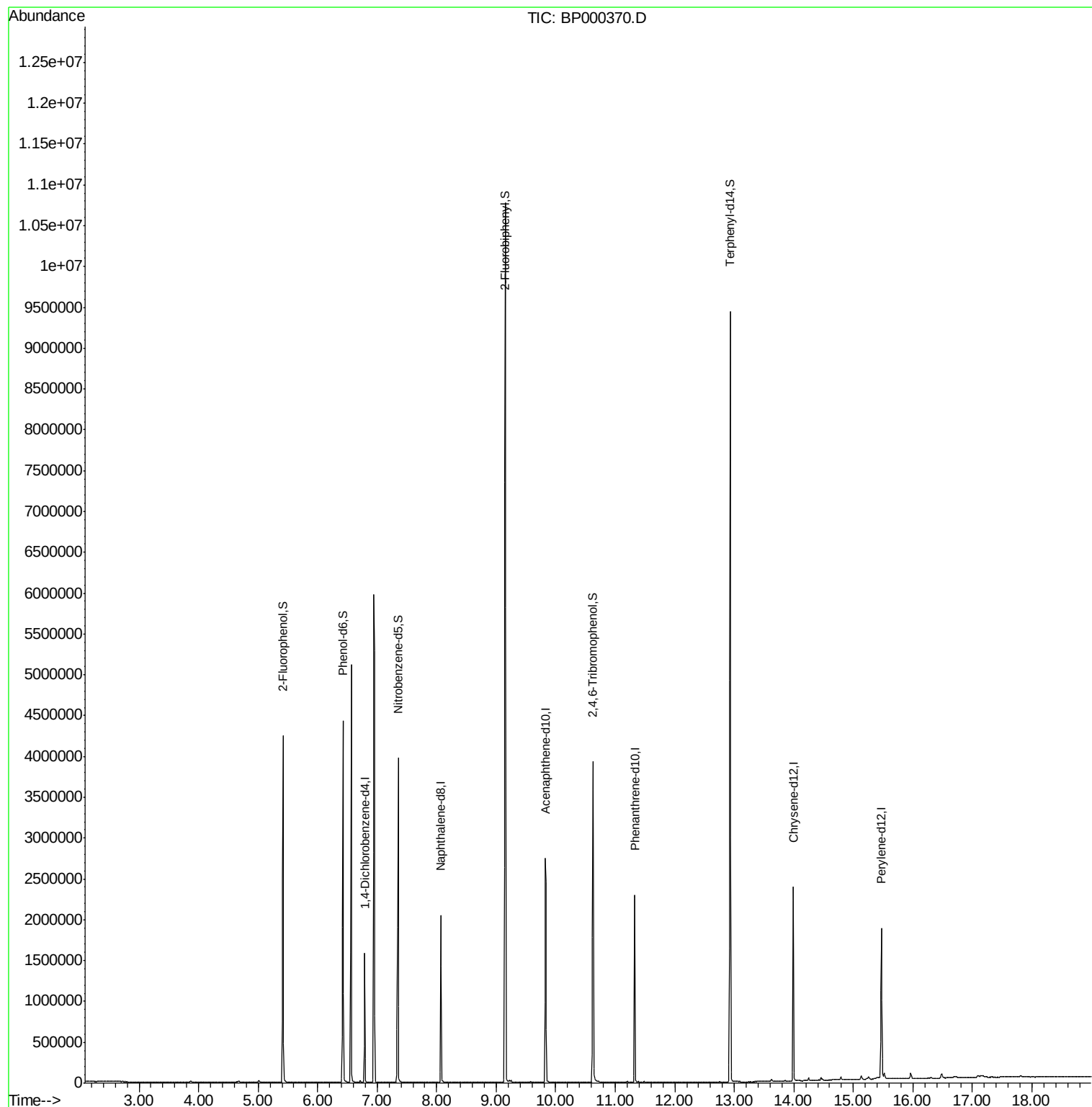
Target Compounds Qvalue

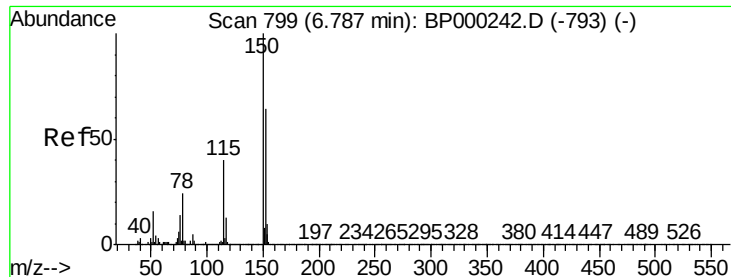
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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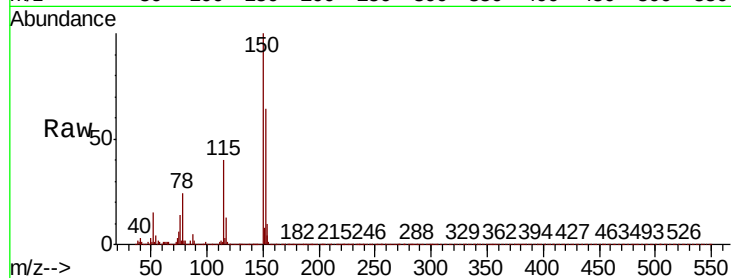


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000370.D
Acq: 23 Sep 2019 19:03

Instrument :
BNA_P
ClientSampleId :
PB123244BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.2	187.8
115	62.4	49.7	74.5

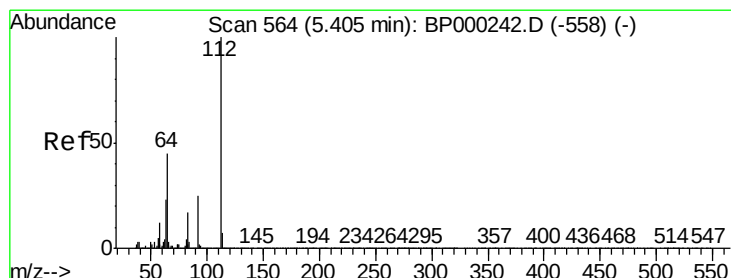
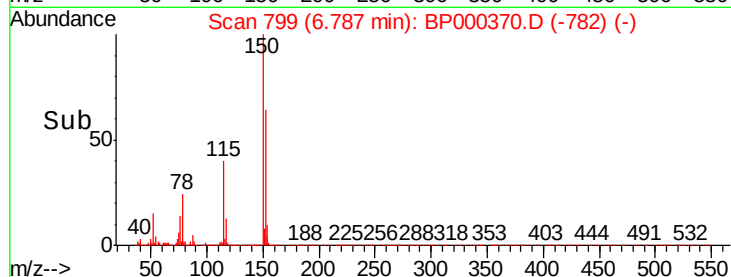
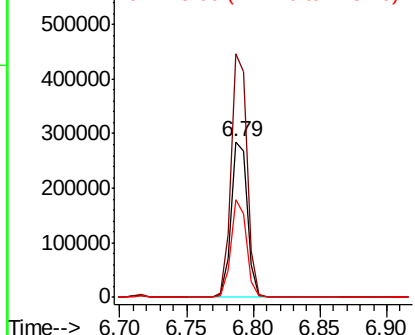


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

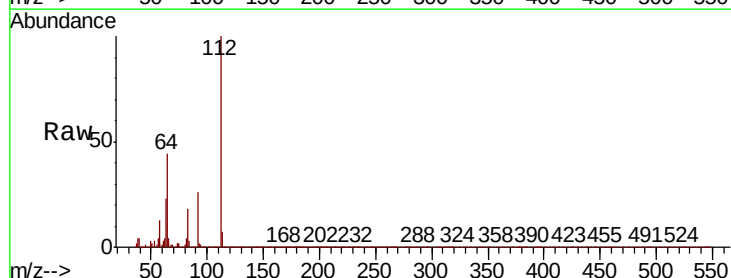
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.812 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000370.D
Acq: 23 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.2	36.2	54.4
63	23.5	18.3	27.5

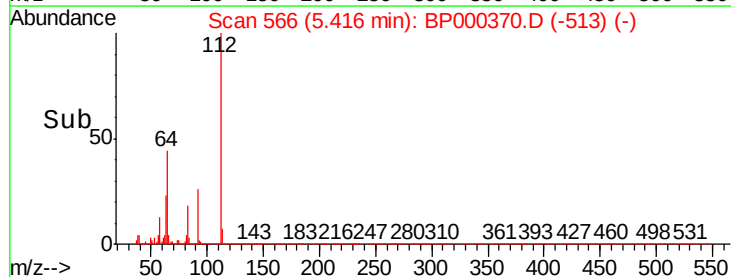
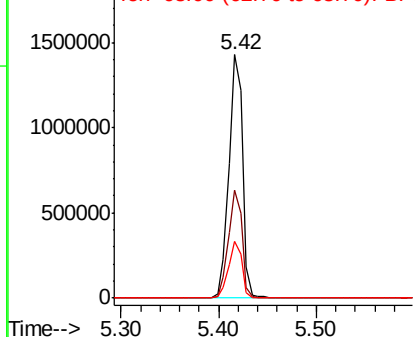


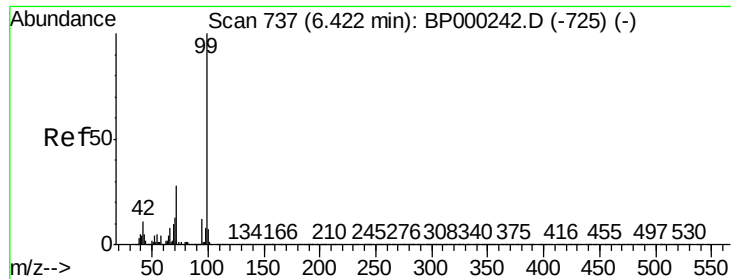
Abundance

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: 98.855 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000370.D

Acq: 23 Sep 2019 19:03

Instrument :

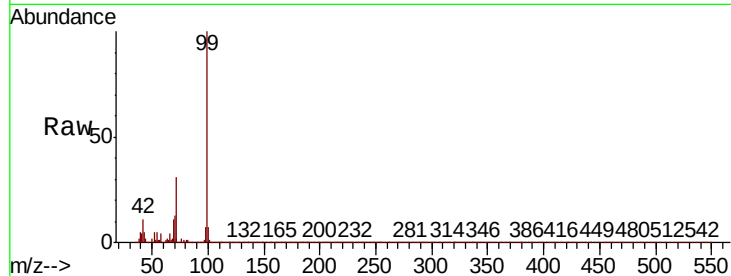
BNA_P

ClientSampleId :

PB123244BL

Tot Ion: 99 Resp: 1720583

Ion	Ratio	Lower	Upper
99	100		
42	11.3	8.5	12.7
71	31.2	22.6	34.0

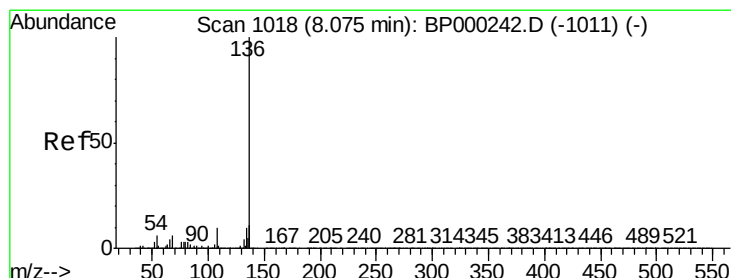
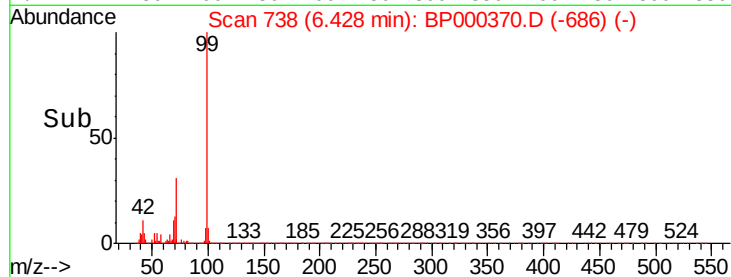
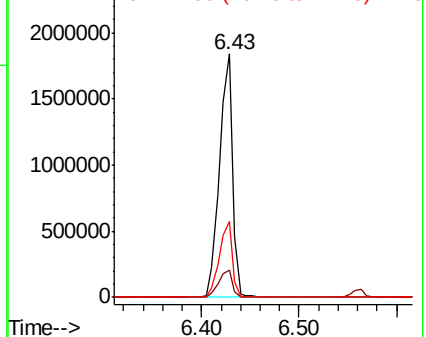


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

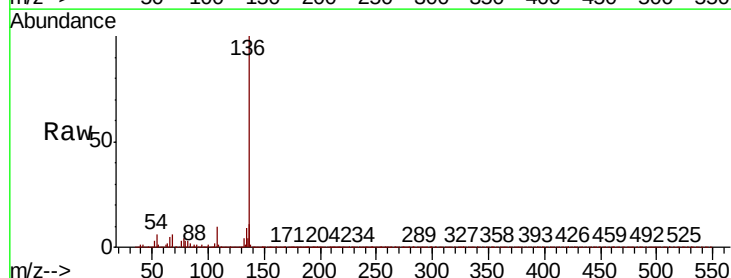
Delta R.T. -0.01 min

Lab File: BP000370.D

Acq: 23 Sep 2019 19:03

Tgt Ion: 136 Resp: 895618

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	5.7	4.5	6.7
68	5.5	4.5	6.7



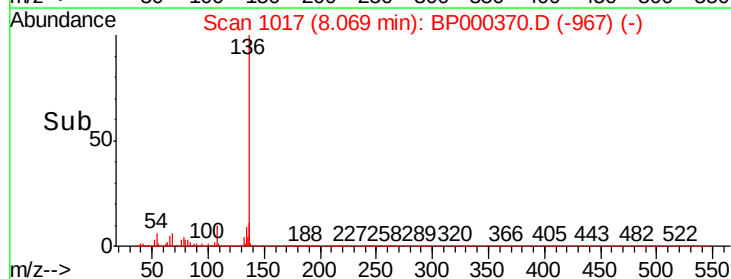
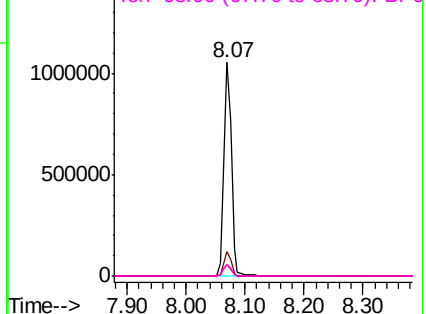
Abundance

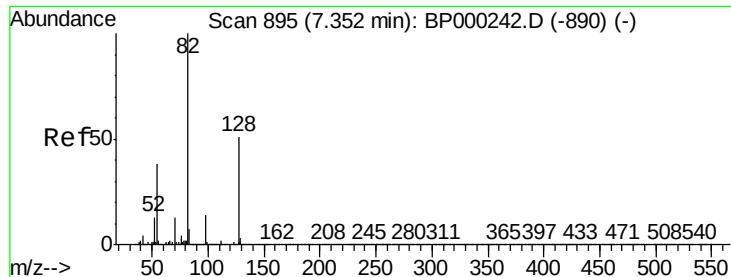
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

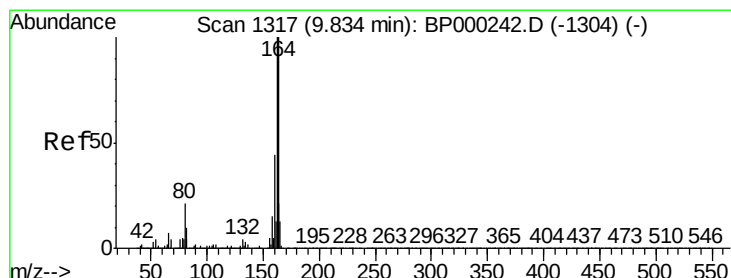
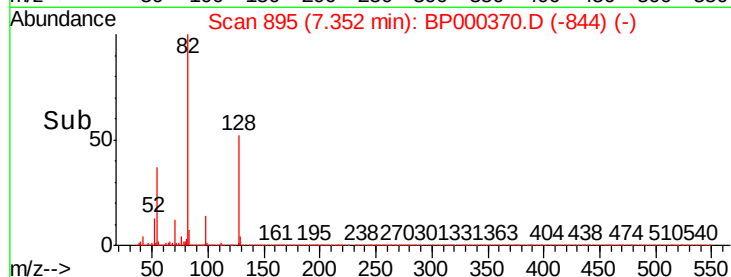
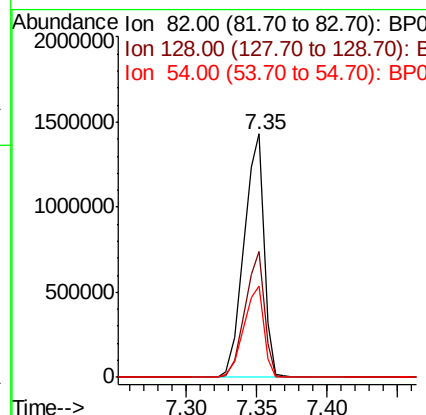
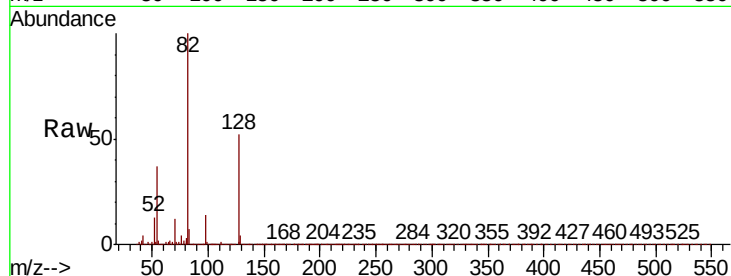




#23
Nitrobenzene-d5
Concen: 101.794 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000370.D
Acq: 23 Sep 2019 19:03

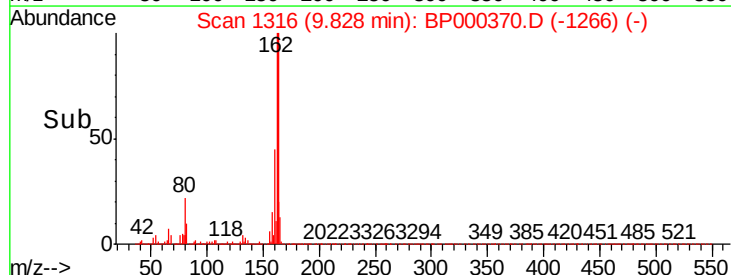
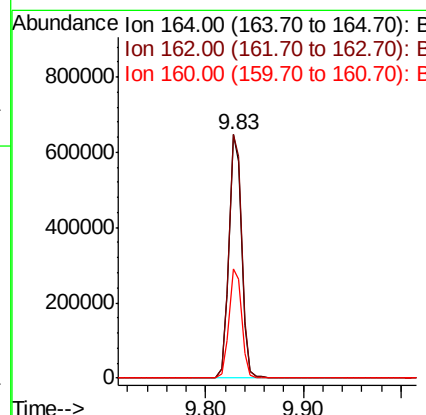
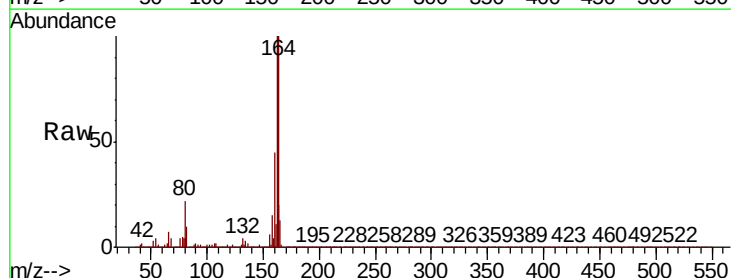
Instrument :
BNA_P
ClientSampleId :
PB123244BL

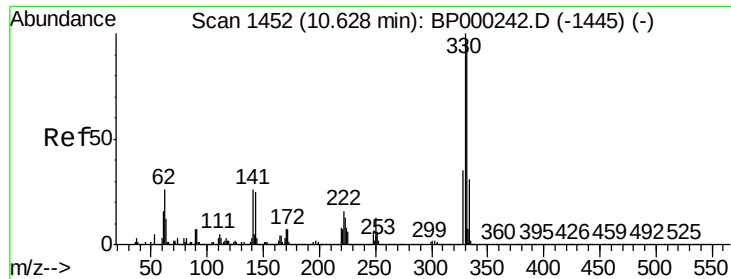
Tot Ion: 82 Resp: 1413039
Ion Ratio Lower Upper
82 100
128 51.5 40.7 61.1
54 37.3 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BP000370.D
Acq: 23 Sep 2019 19:03

Tgt Ion: 164 Resp: 581604
Ion Ratio Lower Upper
164 100
162 100.1 79.9 119.9
160 44.8 35.6 53.4

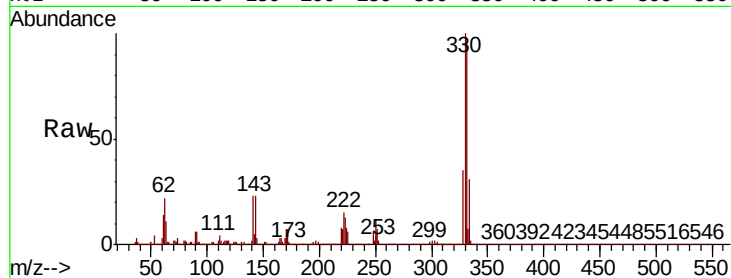




#42
 2,4,6-Tribromophenol
 Concen: 96.498 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BP000370.D
 Acq: 23 Sep 2019 19:03

Instrument :
 BNA_P
 ClientSampleId :
 PB123244BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	30.9	26.5	39.7

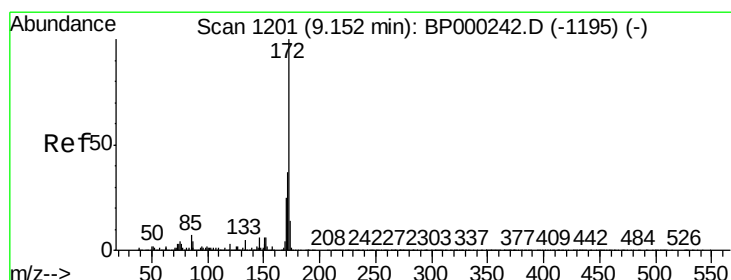
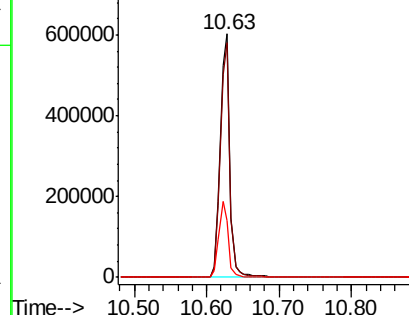
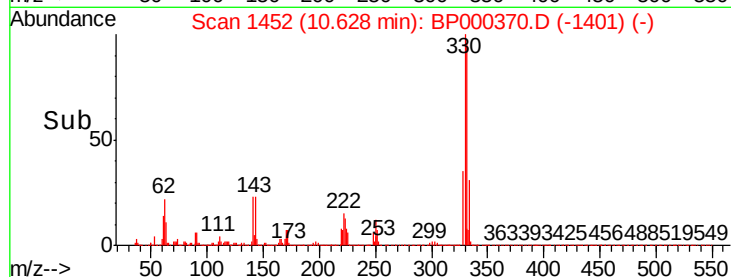


Abundance

Ion 329.80 (329.50 to 330.50): E

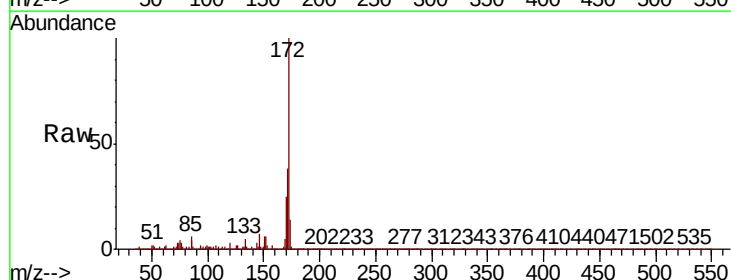
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 104.987 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BP000370.D
 Acq: 23 Sep 2019 19:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.8	44.6
170	25.4	19.8	29.6

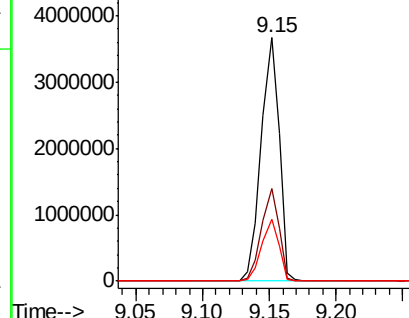
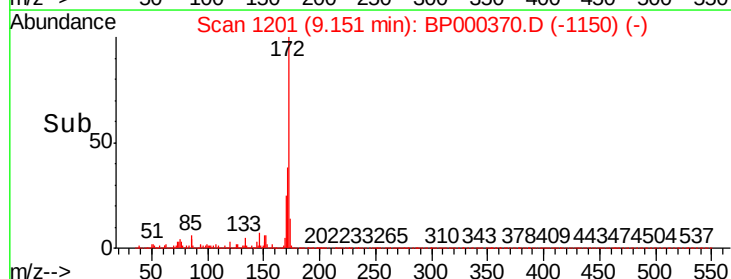


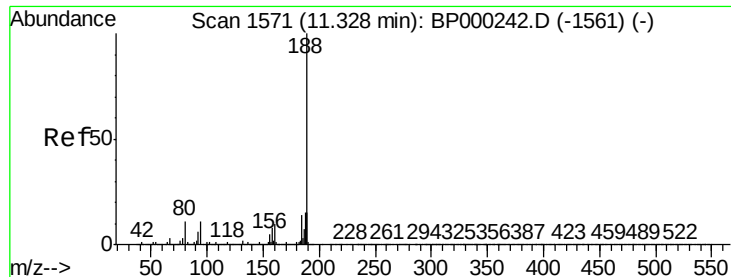
Abundance

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: BP000370.D

Acq: 23 Sep 2019 19:03

Instrument :

BNA_P

ClientSampleId :

PB123244BL

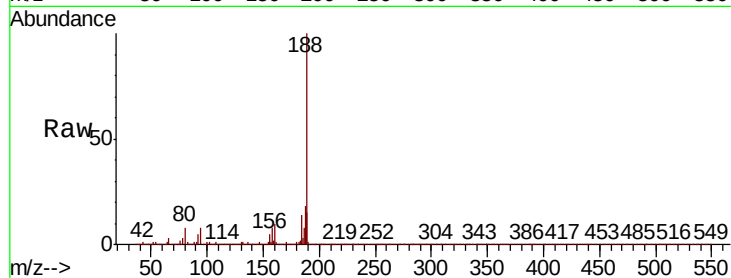
Tot Ion:188 Resp: 864714

Ion Ratio Lower Upper

188 100

94 8.1 8.5 12.7#

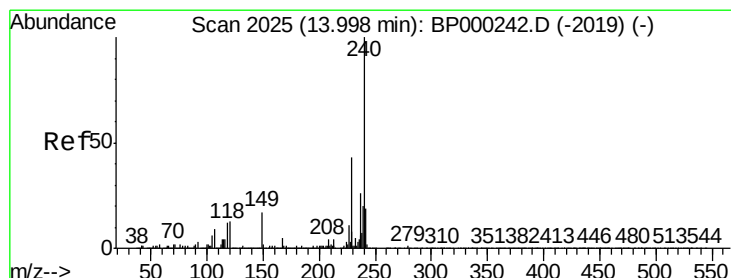
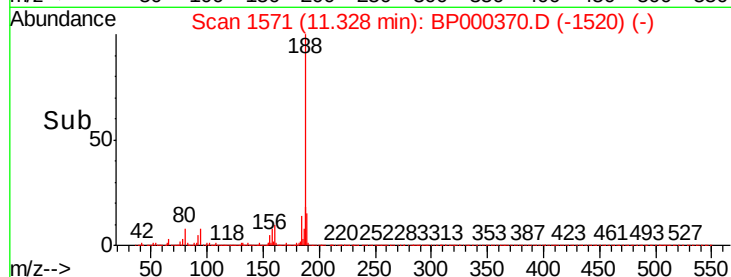
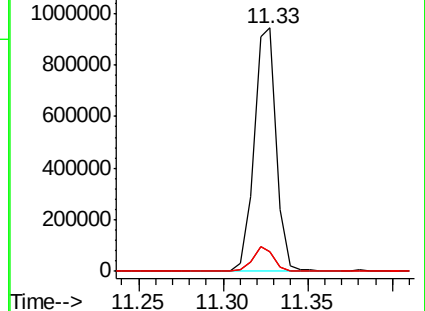
80 8.2 8.6 13.0#



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: BP000370.D

Acq: 23 Sep 2019 19:03

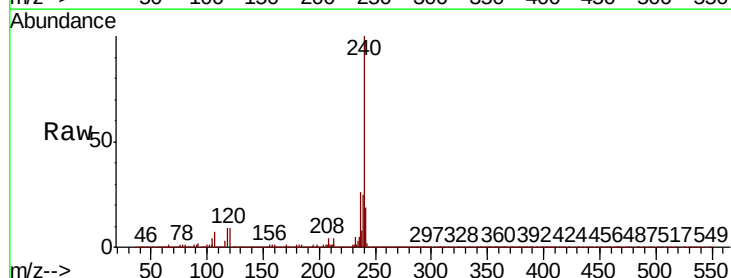
Tgt Ion:240 Resp: 793327

Ion Ratio Lower Upper

240 100

120 9.5 10.4 15.6#

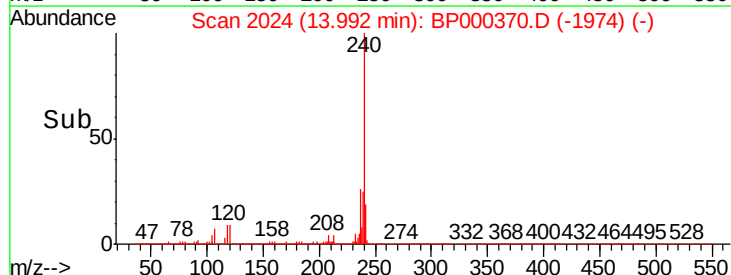
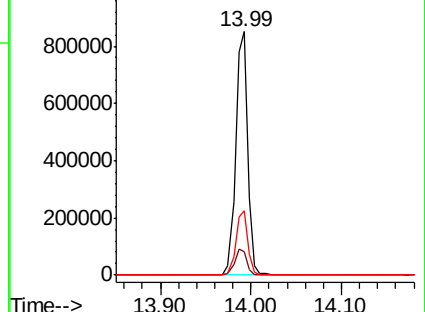
236 26.4 21.0 31.6

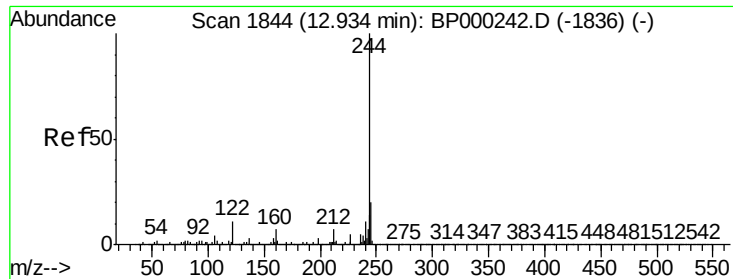


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.184 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BP000370.D

Acq: 23 Sep 2019 19:03

Instrument :

BNA_P

ClientSampleId :

PB123244BL

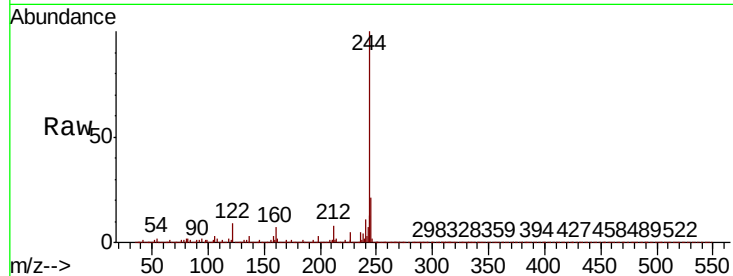
Tot Ion:244 Resp: 3637312

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

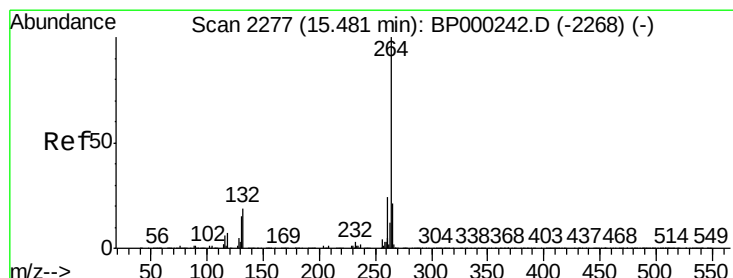
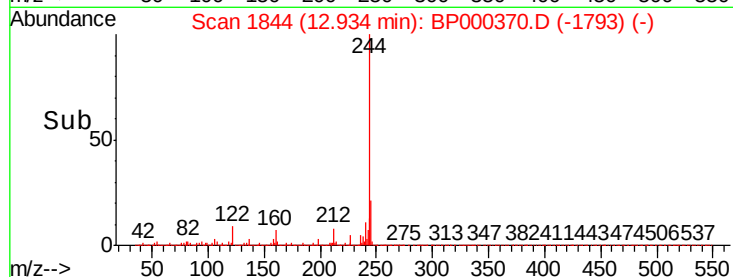
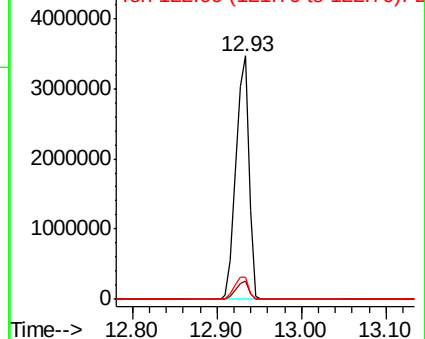
122 9.3 9.0 13.4



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# 2276

Delta R.T. -0.01 min

Lab File: BP000370.D

Acq: 23 Sep 2019 19:03

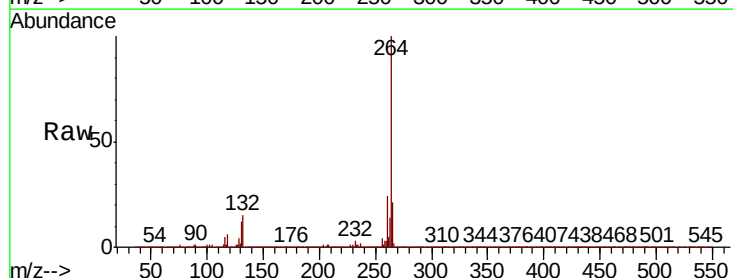
Tgt Ion:264 Resp: 876629

Ion Ratio Lower Upper

264 100

260 23.8 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

