

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
 Data File : BP001254.D
 Acq On : 07 Dec 2019 15:07
 Operator : JU
 Sample : K6135-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-36

Quant Time: Dec 09 01:28:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	87649	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	318145	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	178873	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	348122	20.00	ng	0.00
76) Chrysene-d12	19.25	240	272623	20.00	ng	-0.01
87) Perylene-d12	21.02	264	274907	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	740058	140.08	ng	0.03
7) Phenol-d6	7.77	99	999263	141.98	ng	0.00
23) Nitrobenzene-d5	9.19	82	702336	95.78	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	280420	163.56	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1138639	93.17	ng	-0.01
79) Terphenyl-d14	17.89	244	1478614	100.34	ng	0.00

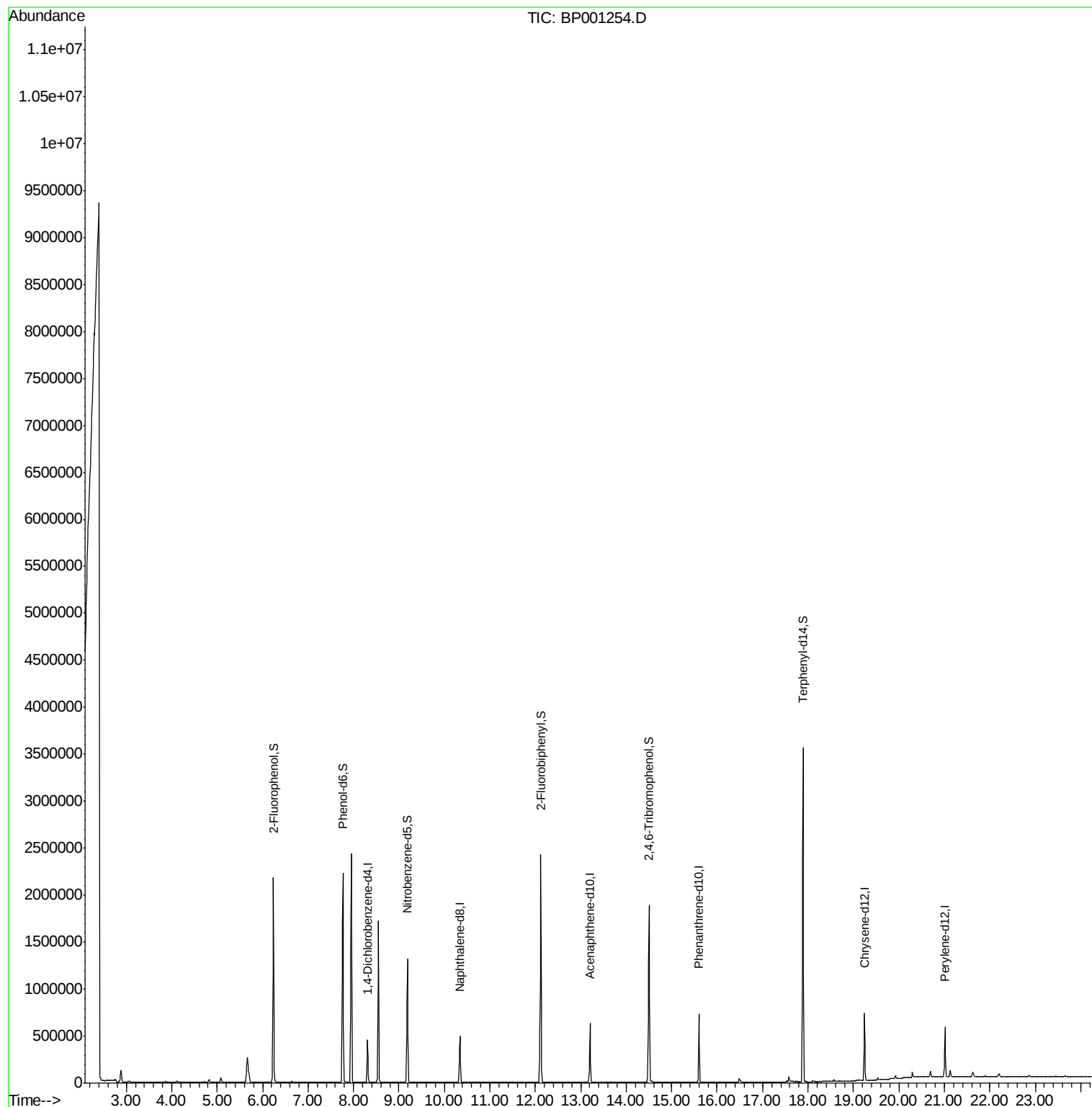
Target Compounds Qvalue

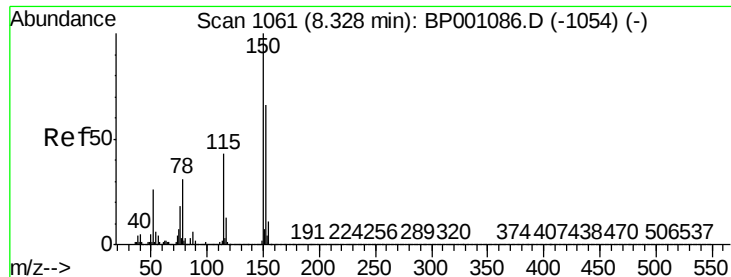
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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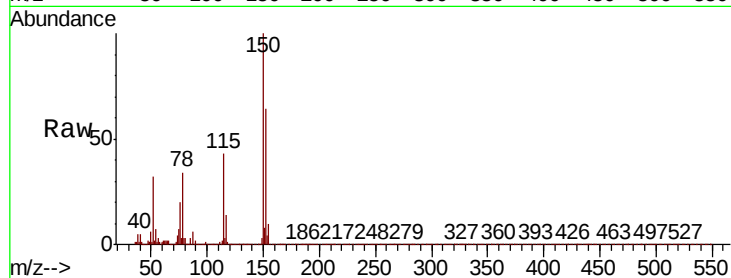




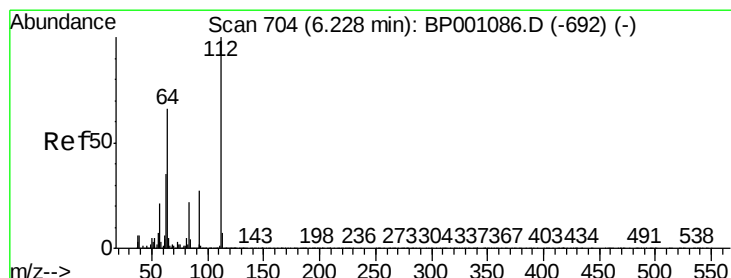
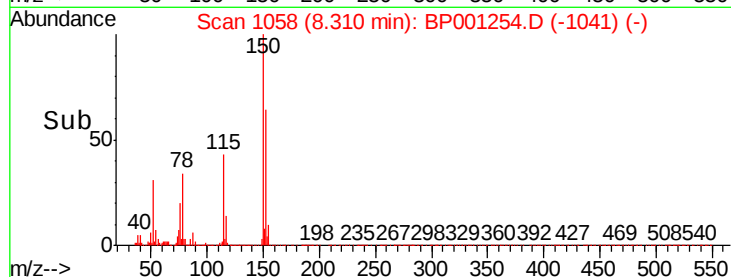
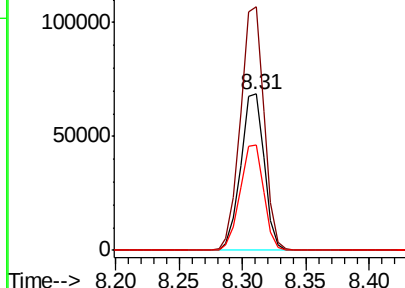
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BP001254.D
 Acq: 07 Dec 2019 15:07

Instrument :
 BNA_P
 ClientSampled :
 COMP-36

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	127.3	190.9
115	67.4	56.0	84.0

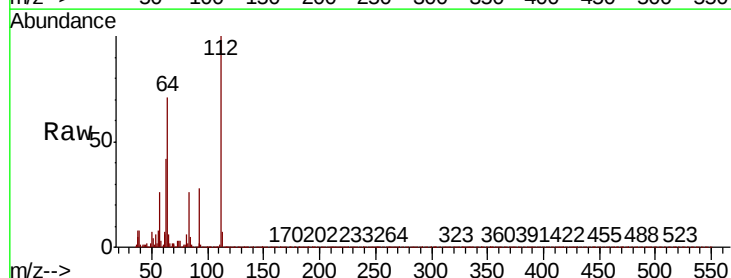


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

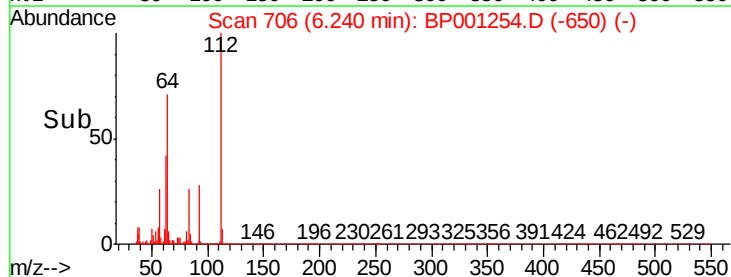
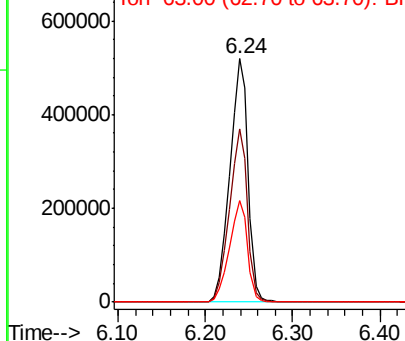


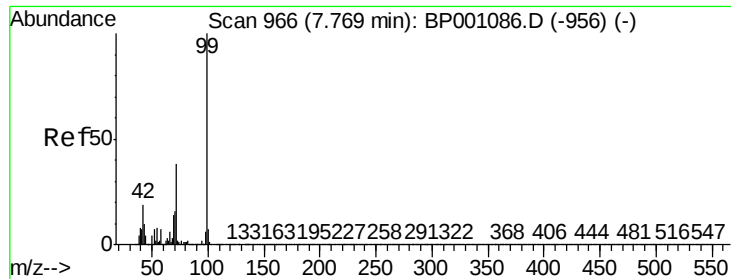
#5
 2-Fluorophenol
 Concen: 140.083 ng
 RT: 6.24 min Scan# 706
 Delta R.T. 0.03 min
 Lab File: BP001254.D
 Acq: 07 Dec 2019 15:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.2	56.8	85.2
63	41.7	32.2	48.2



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: 141.976 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BP001254.D

Acq: 07 Dec 2019 15:07

Instrument :

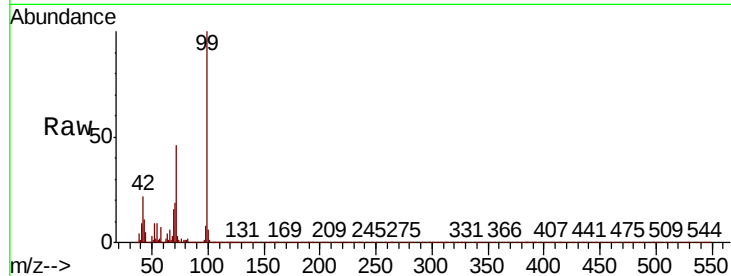
BNA_P

ClientSampleId :

COMP-36

Tot Ion: 99 Resp: 999263

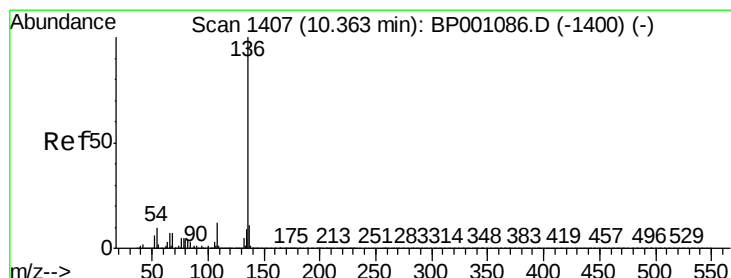
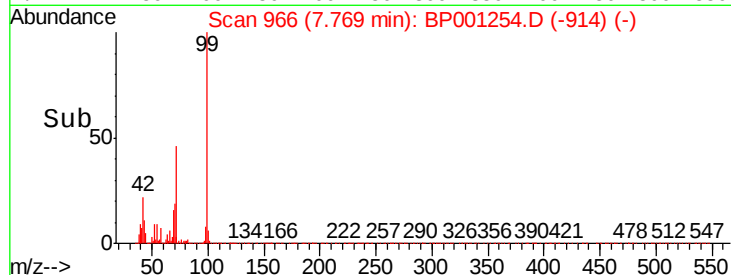
Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.6	26.4
71	45.5	33.8	50.8



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: 10.34 min Scan# 1403

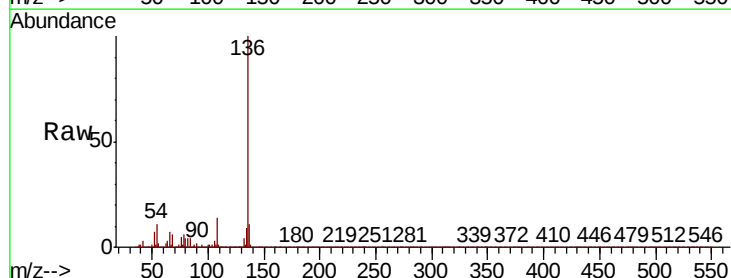
Delta R.T. -0.01 min

Lab File: BP001254.D

Acq: 07 Dec 2019 15:07

Tgt Ion: 136 Resp: 318145

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.7	7.4	11.0
68	5.7	4.6	7.0

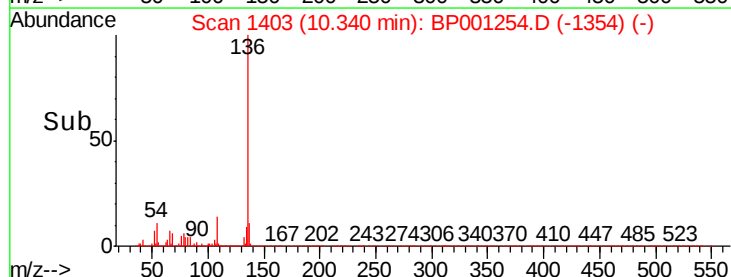


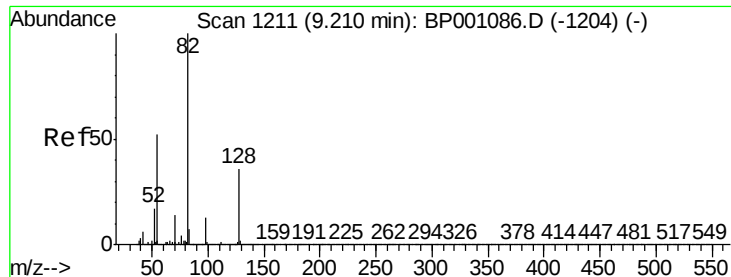
Abundance Ion 136.00 (135.70 to 136.70): E

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

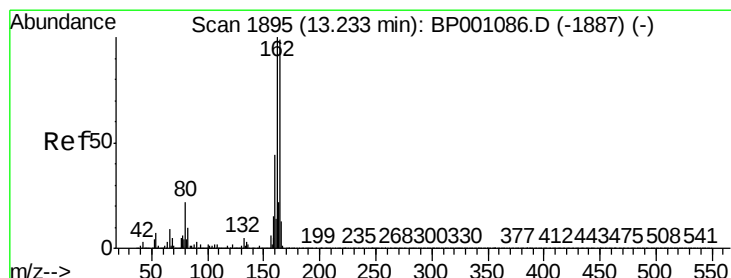
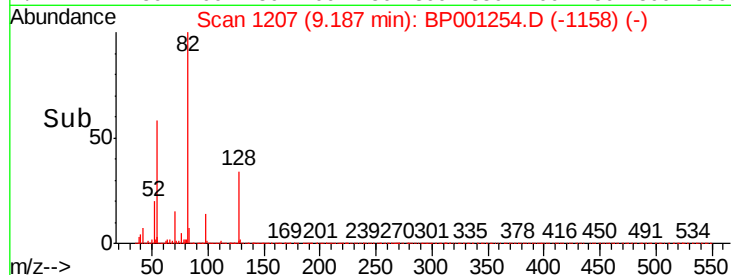
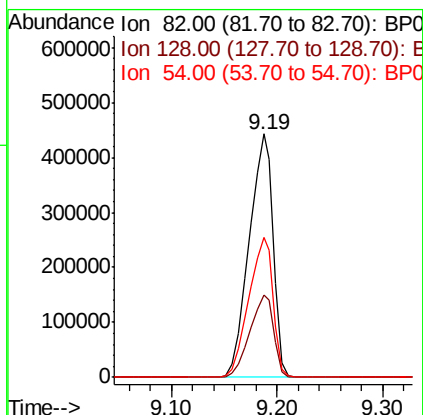
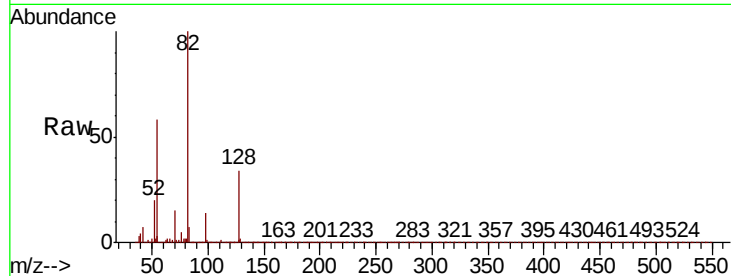




#23
Nitrobenzene-d5
Concen: 95.778 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001254.D
Acq: 07 Dec 2019 15:07

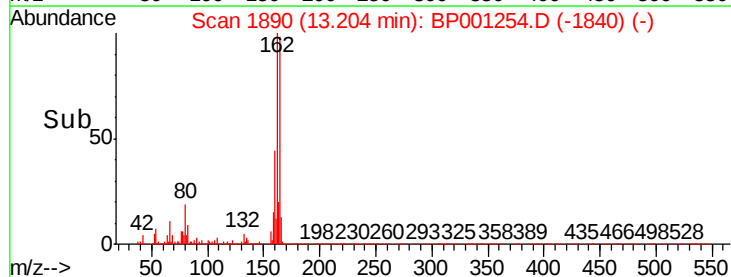
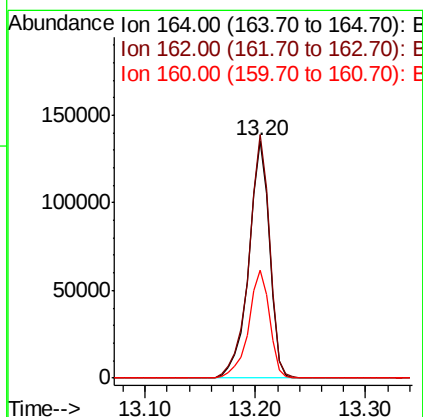
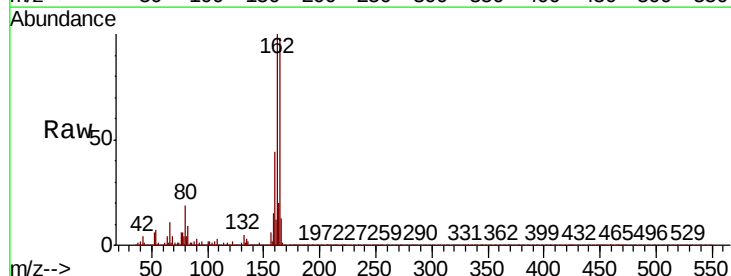
Instrument :
BNA_P
ClientSampleId :
COMP-36

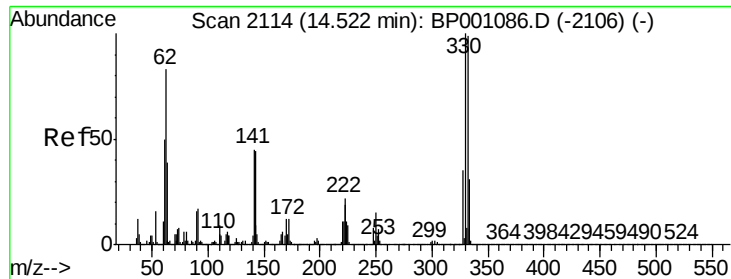
Tot Ion	82	128	54
Resp:	702336		
Ion Ratio	100	34.0	57.7
Lower		27.5	45.7
Upper		41.3	68.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001254.D
Acq: 07 Dec 2019 15:07

Tgt Ion	164	162	160
Resp:	178873		
Ion Ratio	100	102.4	45.4
Lower		80.7	36.3
Upper		121.1	54.5

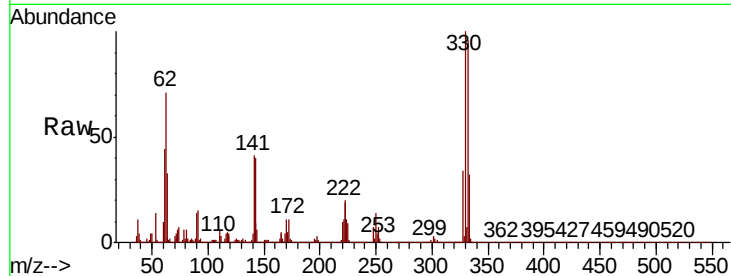




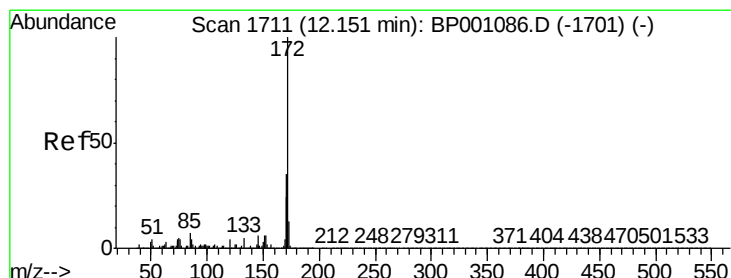
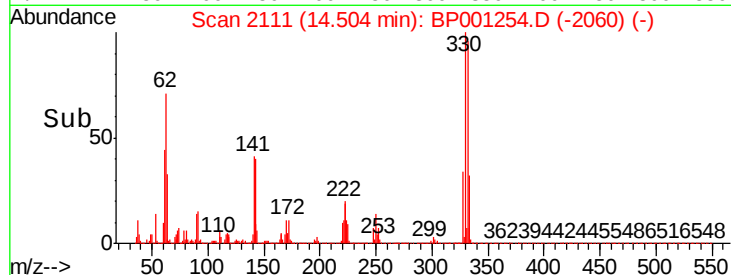
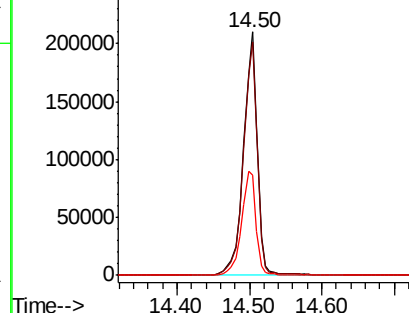
#42
2,4,6-Tribromophenol
Concen: 163.558 ng
RT: 14.50 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BP001254.D
Acq: 07 Dec 2019 15:07

Instrument :
BNA_P
ClientSampleId :
COMP-36

Tot Ion:330 Resp: 280420
Ion Ratio Lower Upper
330 100
332 96.9 79.1 118.7
141 44.6 35.9 53.9

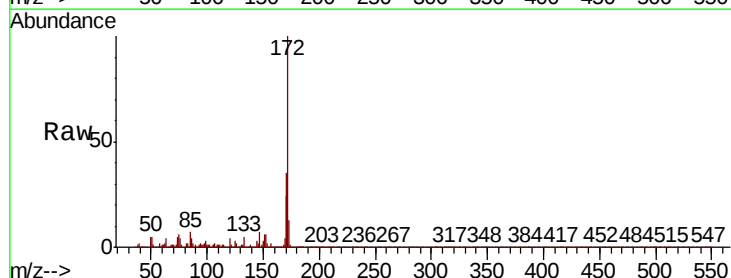


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

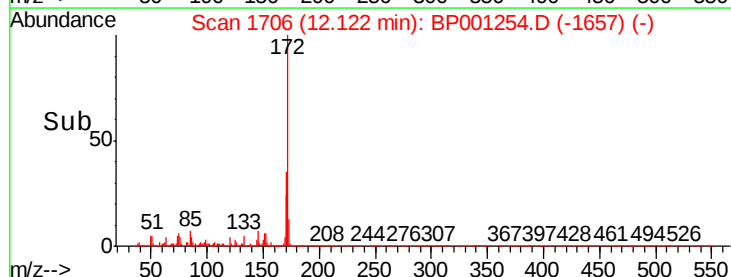
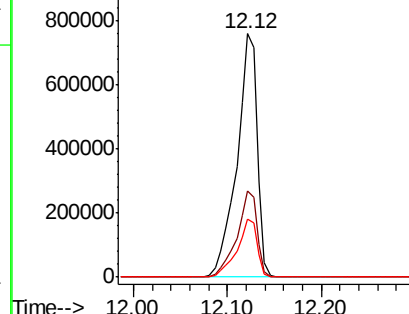


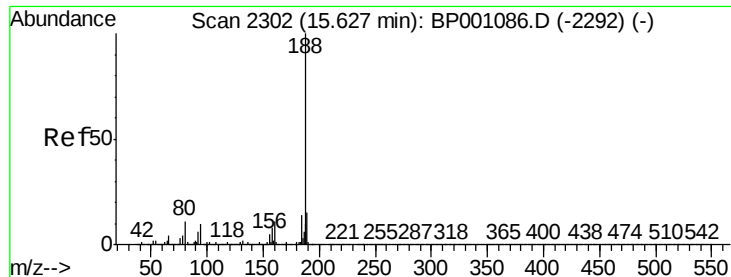
#45
2-Fluorobiphenyl
Concen: 93.166 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001254.D
Acq: 07 Dec 2019 15:07

Tgt Ion:172 Resp: 1138639
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.7 19.2 28.8



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: 15.60 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BP001254.D

Acq: 07 Dec 2019 15:07

Instrument :

BNA_P

ClientSampleId :

COMP-36

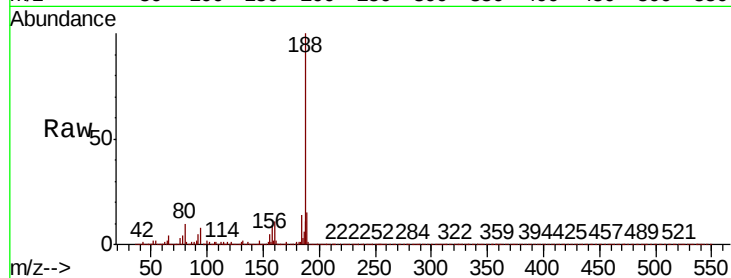
Tot Ion:188 Resp: 348122

Ion Ratio Lower Upper

188 100

94 8.4 7.1 10.7

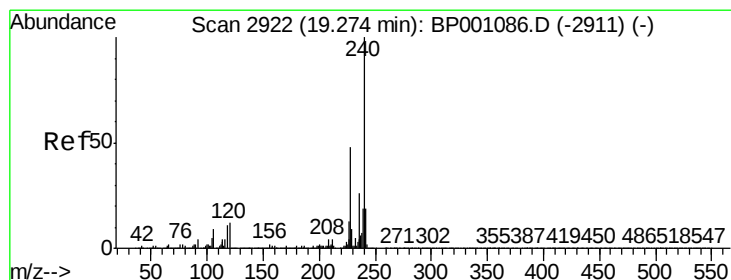
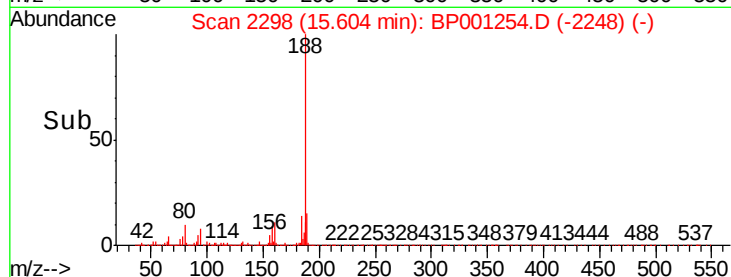
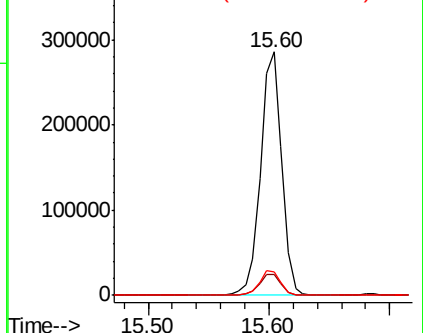
80 9.7 7.8 11.6



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: 19.25 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BP001254.D

Acq: 07 Dec 2019 15:07

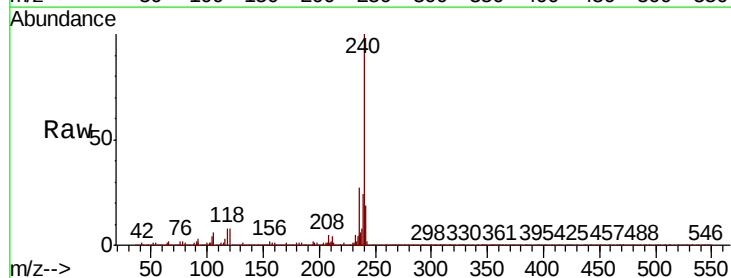
Tgt Ion:240 Resp: 272623

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

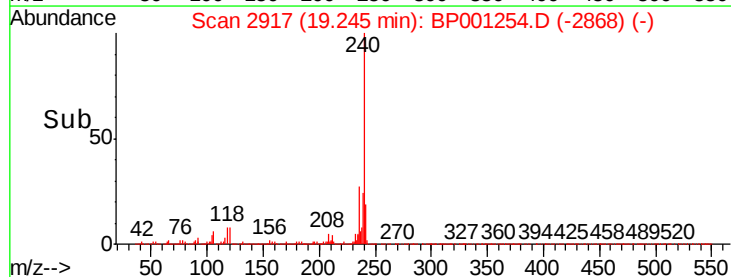
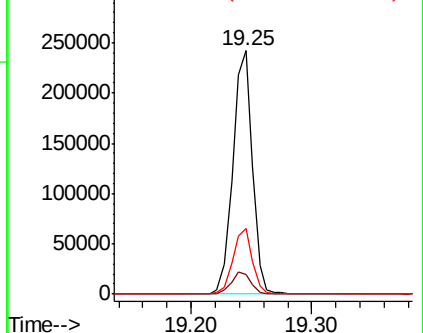
236 26.8 21.7 32.5

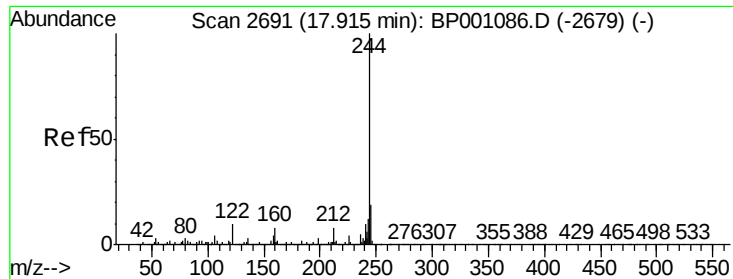


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 100.343 ng

RT: 17.89 min Scan# 2687

Delta R.T. 0.00 min

Lab File: BP001254.D

Acq: 07 Dec 2019 15:07

Instrument :

BNA_P

ClientSampleId :

COMP-36

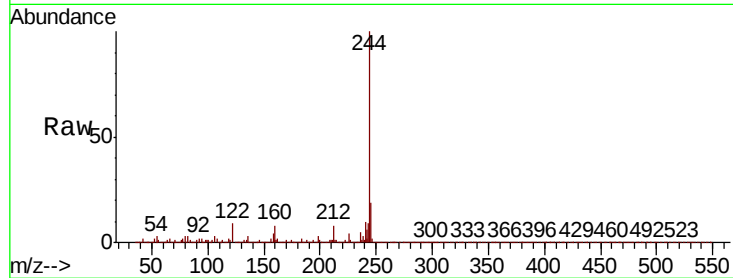
Tot Ion:244 Resp: 1478614

Ion Ratio Lower Upper

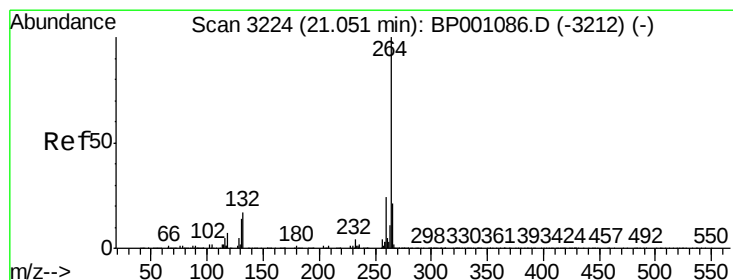
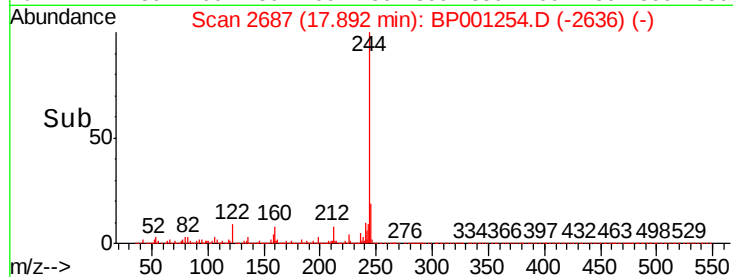
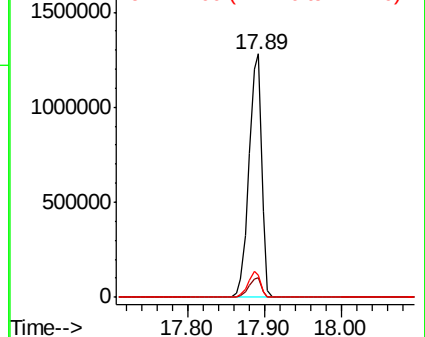
244 100

212 8.0 6.6 9.8

122 9.4 9.2 13.8



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: 21.02 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BP001254.D

Acq: 07 Dec 2019 15:07

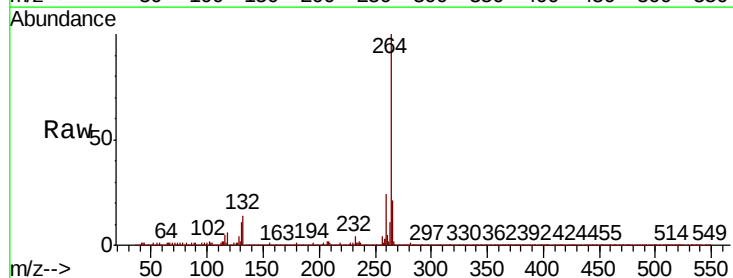
Tgt Ion:264 Resp: 274907

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

265 21.2 17.1 25.7



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

