

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\
 Data File : BP000017.D
 Acq On : 30 Aug 2019 20:49
 Operator : HP/JU
 Sample : MDL-S-BL02
 Misc : 4PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-S-BL02

Quant Time: Aug 31 01:19:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 01:09:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	463741	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1685179	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	913931	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1669497	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1371994	20.00	ng	0.00
87) Perylene-d12	15.63	264	1448264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	3500272	120.36	ng	0.01
7) Phenol-d6	6.52	99	4392533	119.65	ng	0.00
23) Nitrobenzene-d5	7.45	82	2455910	89.42	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1043102	135.41	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	4726483	86.37	ng	0.00
79) Terphenyl-d14	13.04	244	5440393	86.43	ng	0.00

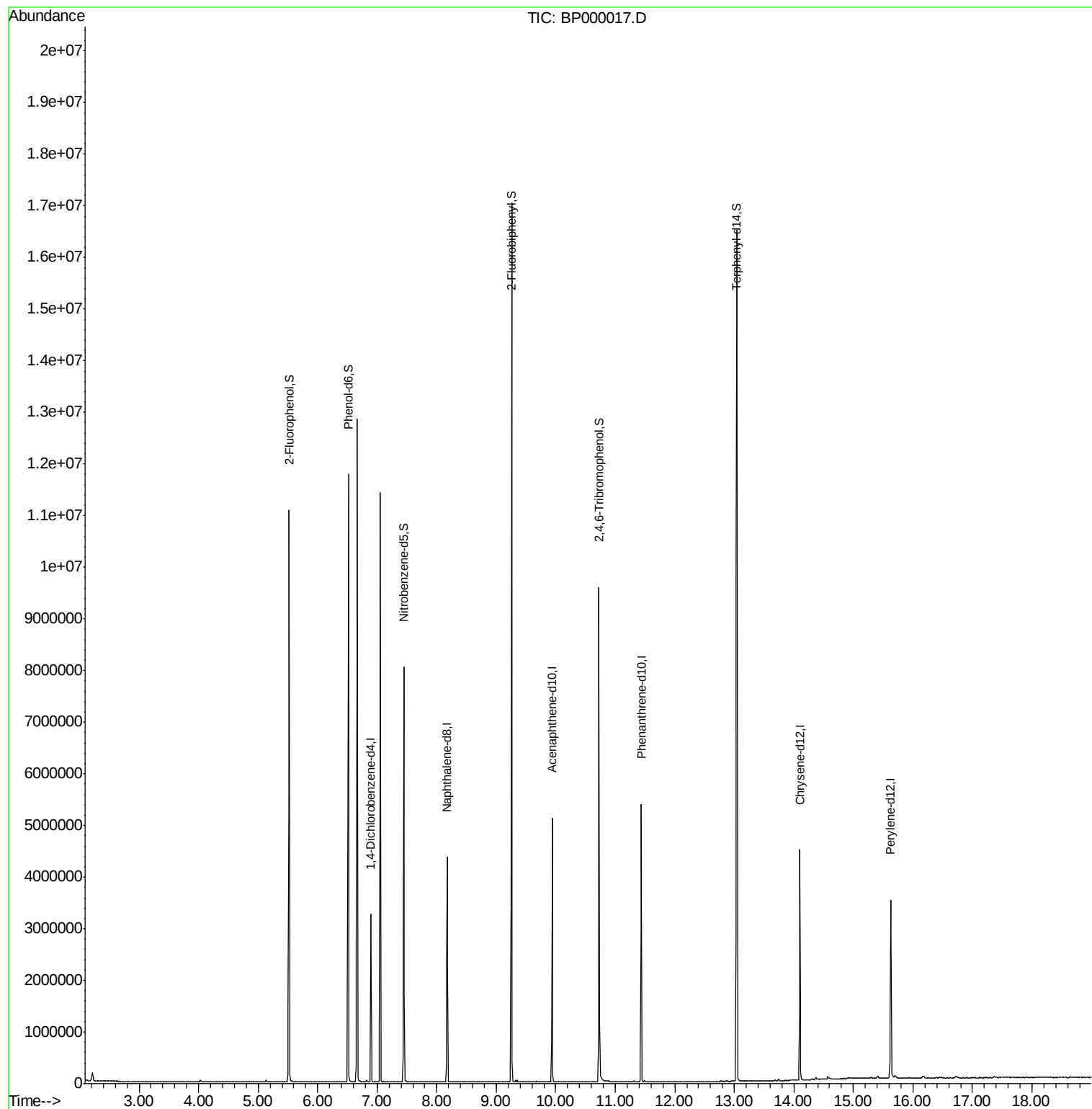
Target Compounds Qvalue

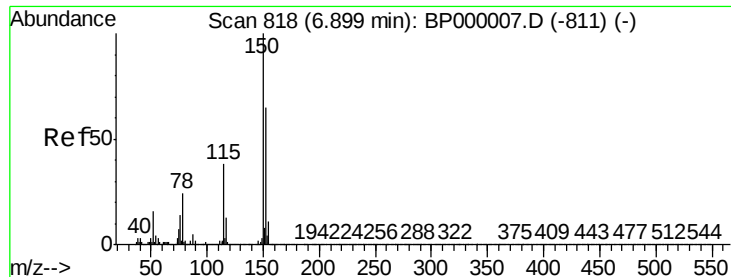
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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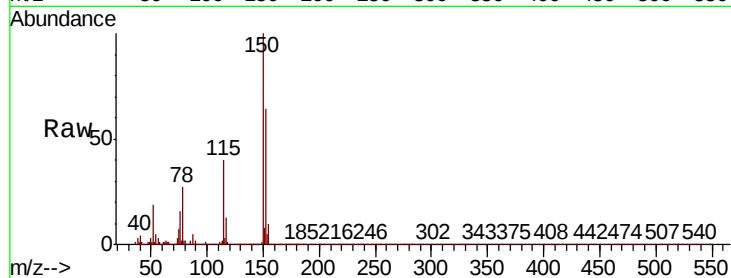


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000017.D
Acq: 30 Aug 2019 20:49

Instrument :
BNA_P
ClientSampleId :
MDL-S-BL02

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.0	184.6
115	63.3	46.7	70.1

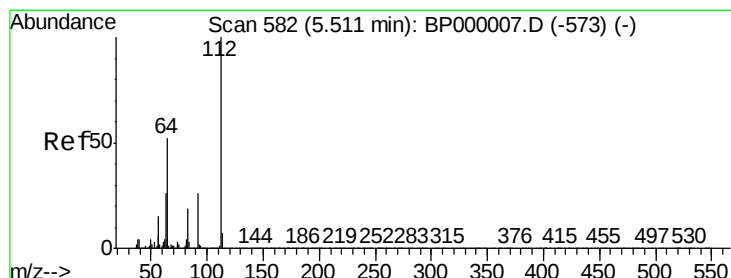
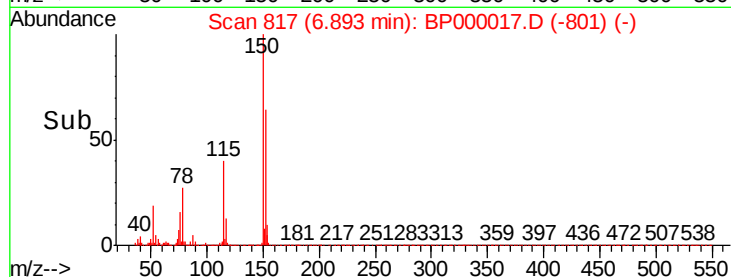
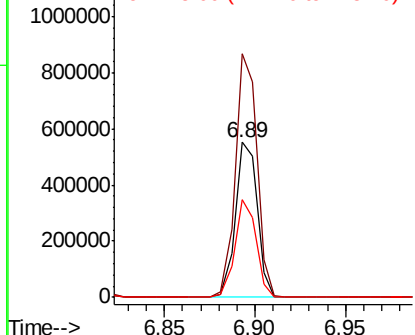


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

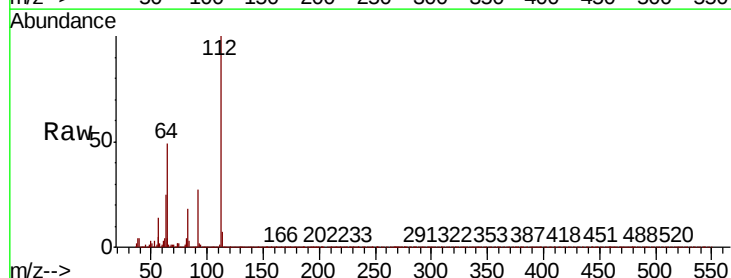
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.361 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BP000017.D
Acq: 30 Aug 2019 20:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.3	41.8	62.8
63	25.0	21.0	31.4

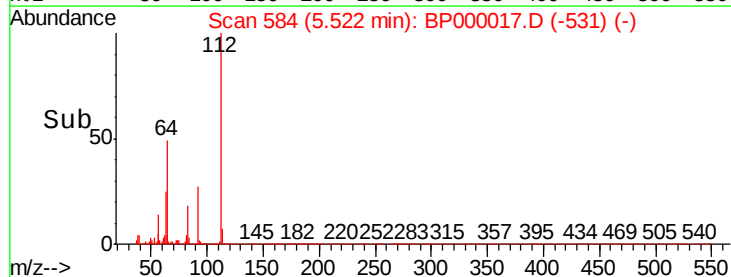
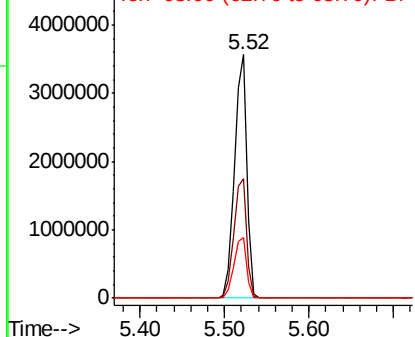


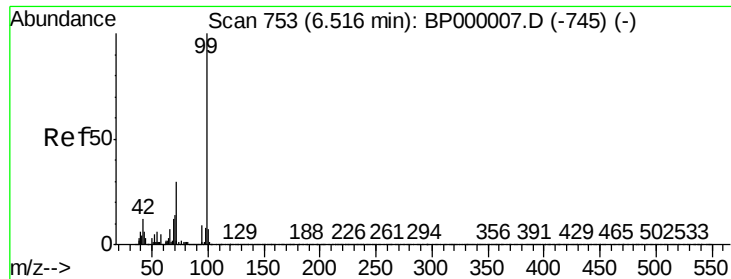
Abundance

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: 119.645 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :

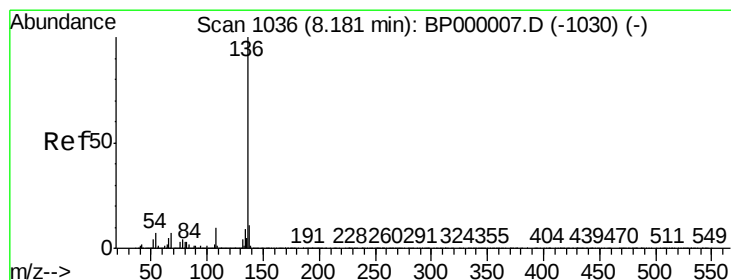
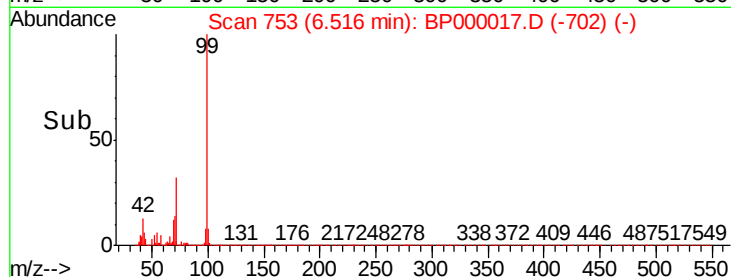
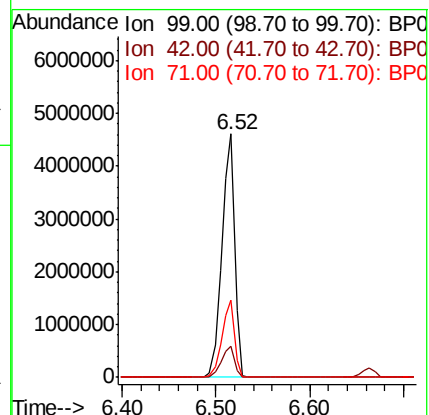
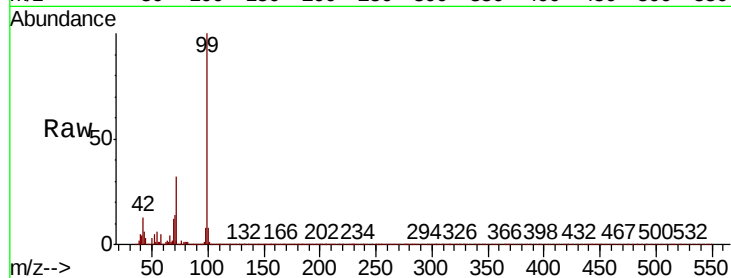
BNA_P

ClientSampleId :

MDL-S-BL02

Tot Ion: 99 Resp: 4392533

Ion	Ratio	Lower	Upper
99	100		
42	12.7	9.8	14.8
71	31.6	23.8	35.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1035

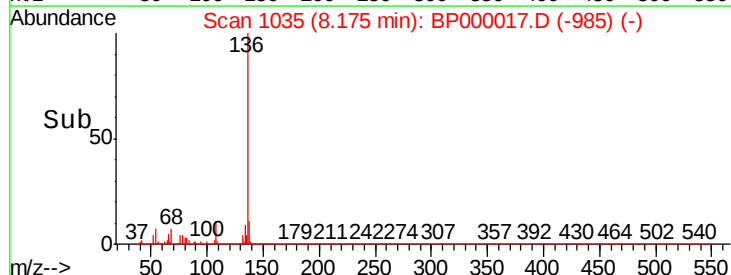
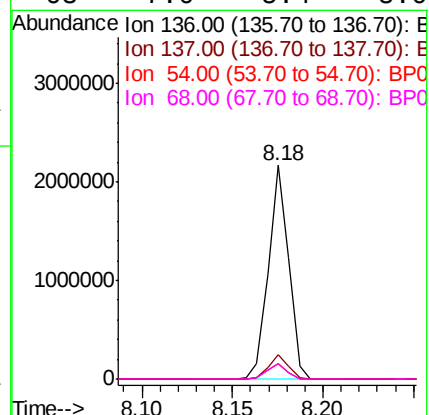
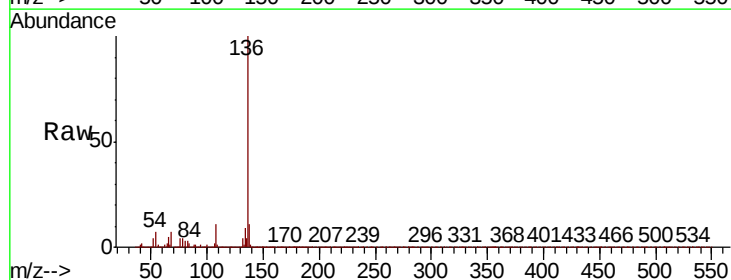
Delta R.T. -0.01 min

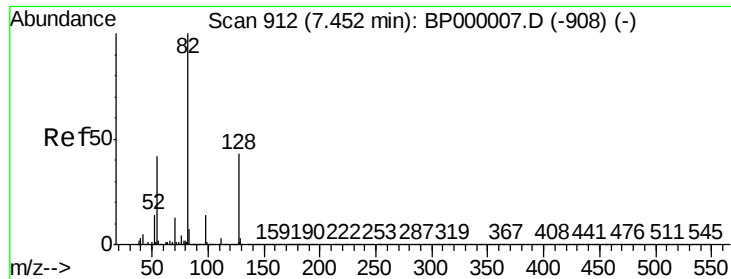
Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Tgt Ion: 136 Resp: 1685179

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.0	5.4	8.2
68	7.0	5.4	8.0

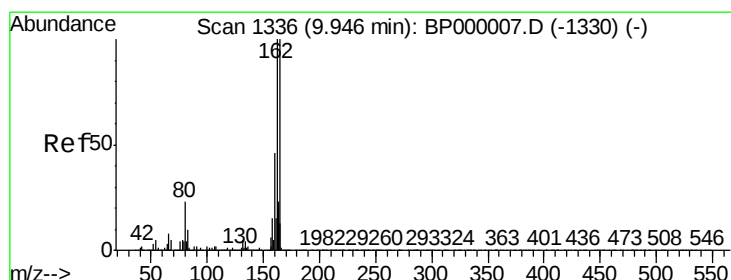
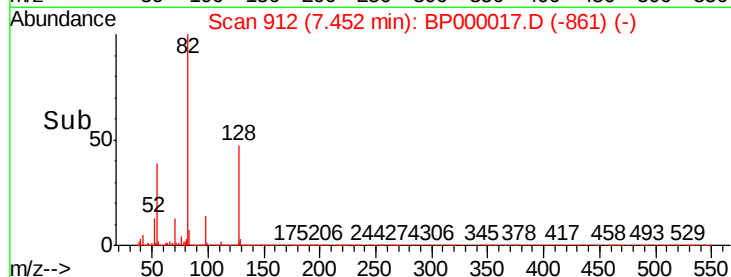
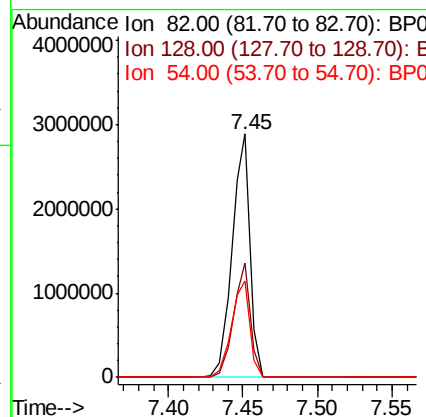
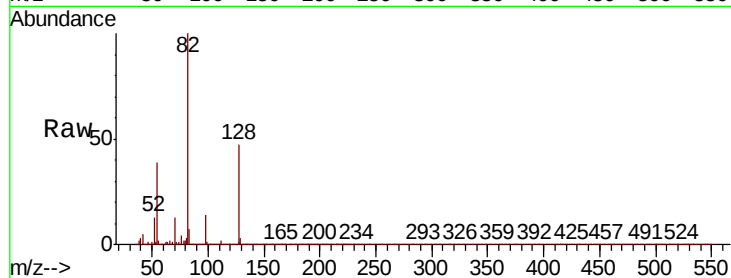




#23
Nitrobenzene-d5
Concen: 89.423 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BP000017.D
Acq: 30 Aug 2019 20:49

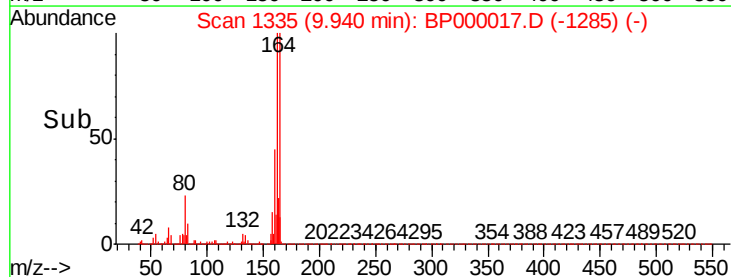
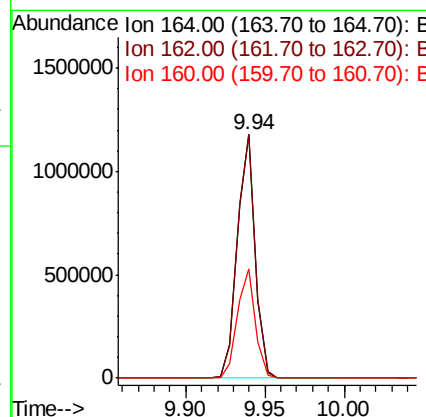
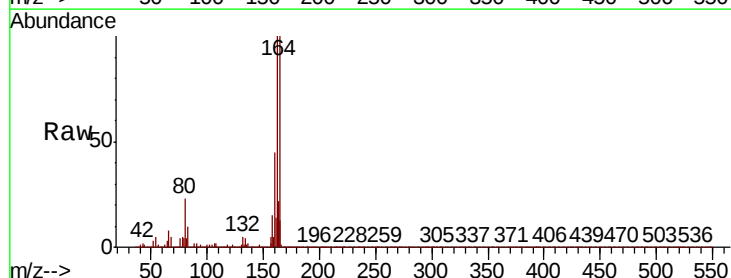
Instrument :
BNA_P
ClientSampleId :
MDL-S-BL02

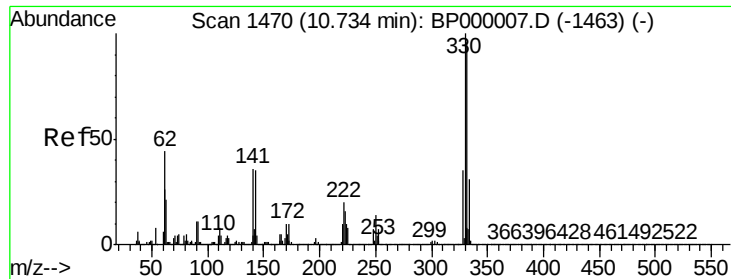
Tot Ion: 82 Resp: 2455910
Ion Ratio Lower Upper
82 100
128 47.1 34.5 51.7
54 39.4 33.2 49.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BP000017.D
Acq: 30 Aug 2019 20:49

Tgt Ion: 164 Resp: 913931
Ion Ratio Lower Upper
164 100
162 99.9 80.2 120.4
160 45.0 36.6 55.0

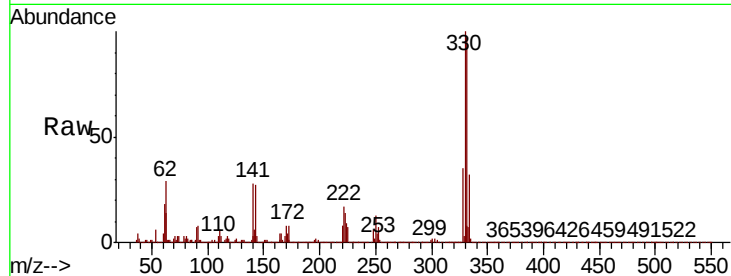




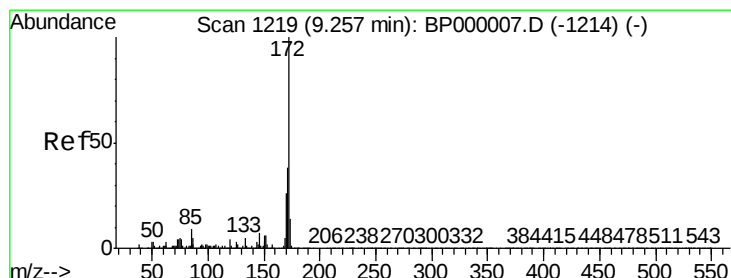
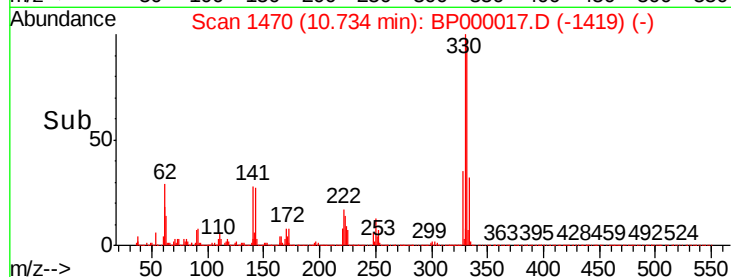
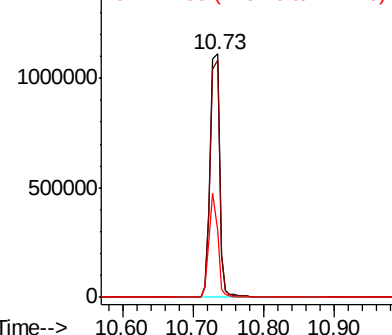
#42
2,4,6-Tribromophenol
Concen: 135.406 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.00 min
Lab File: BP000017.D
Acq: 30 Aug 2019 20:49

Instrument :
BNA_P
ClientSampleId :
MDL-S-BL02

Tot Ion:330 Resp: 1043102
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 39.6 33.6 50.4

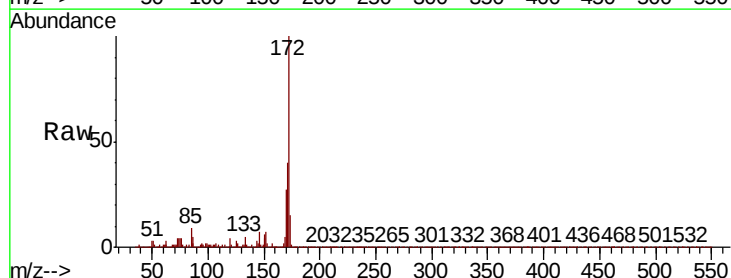


Abundance Ion 329.80 (329.50 to 330.50): E
1500000 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

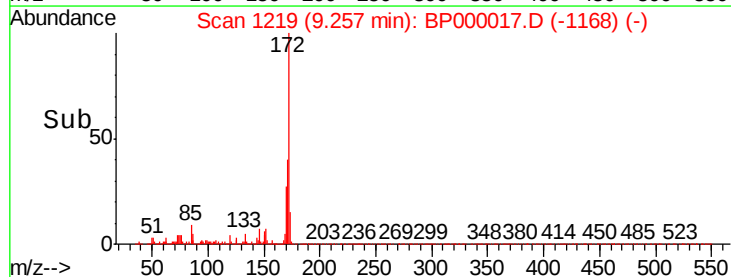
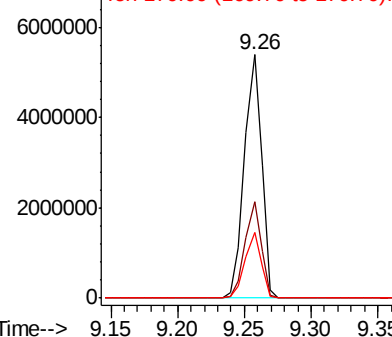


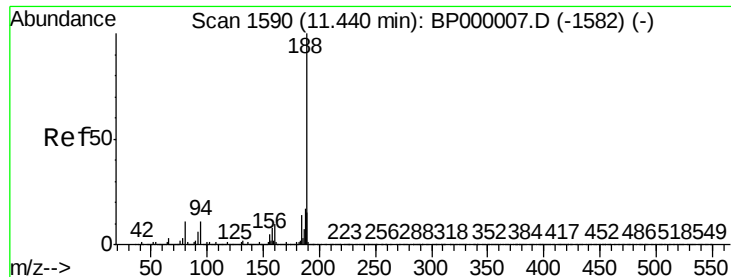
#45
2-Fluorobiphenyl
Concen: 86.365 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BP000017.D
Acq: 30 Aug 2019 20:49

Tgt Ion:172 Resp: 4726483
Ion Ratio Lower Upper
172 100
171 39.7 30.7 46.1
170 27.2 20.7 31.1



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

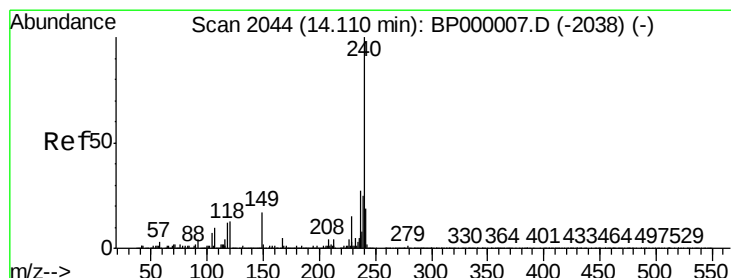
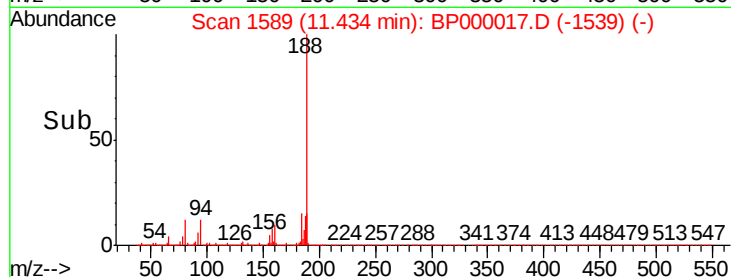
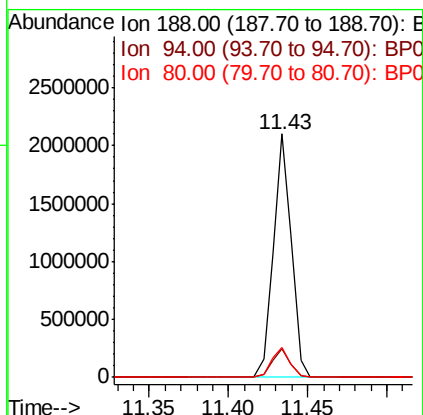
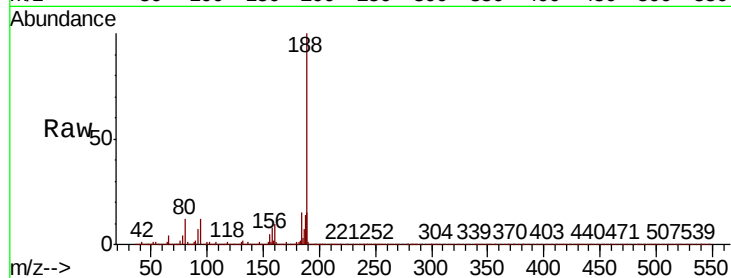




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000017.D
Acq: 30 Aug 2019 20:49

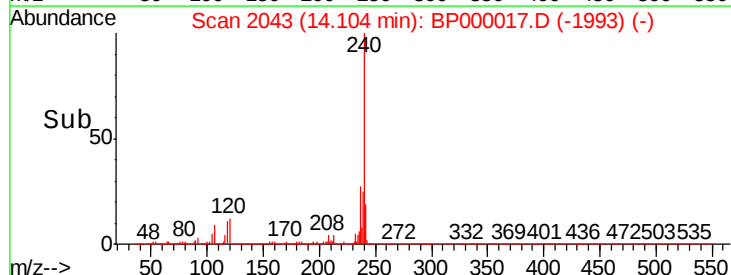
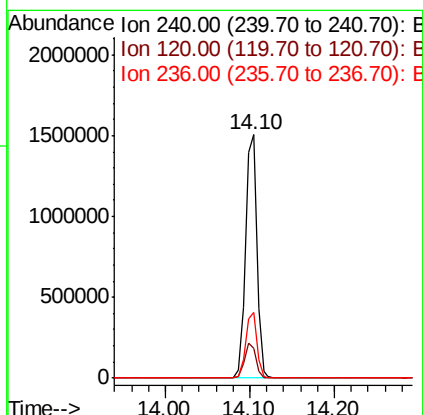
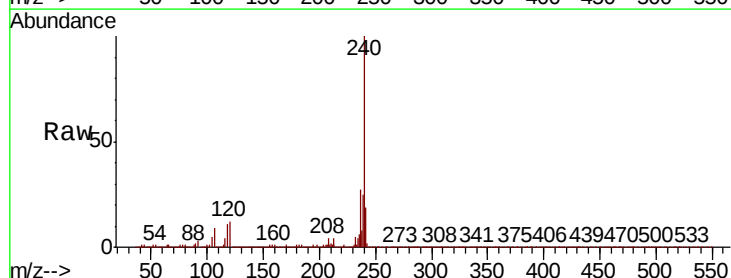
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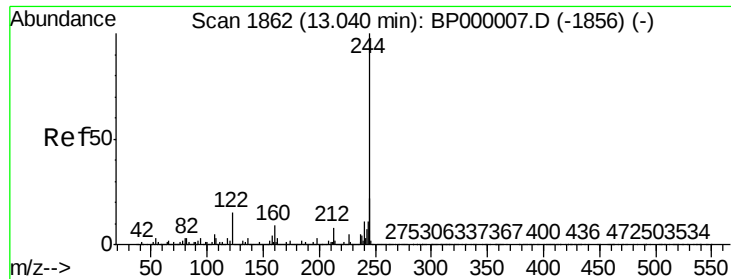
Tot Ion:188 Resp: 1669497
Ion Ratio Lower Upper
188 100
94 11.8 8.8 13.2
80 12.3 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BP000017.D
Acq: 30 Aug 2019 20:49

Tgt Ion:240 Resp: 1371994
Ion Ratio Lower Upper
240 100
120 12.2 10.5 15.7
236 27.1 21.5 32.3





#79

Terphenyl-d14

Concen: 86.428 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

Instrument :

BNA_P

ClientSampleId :

MDL-S-BL02

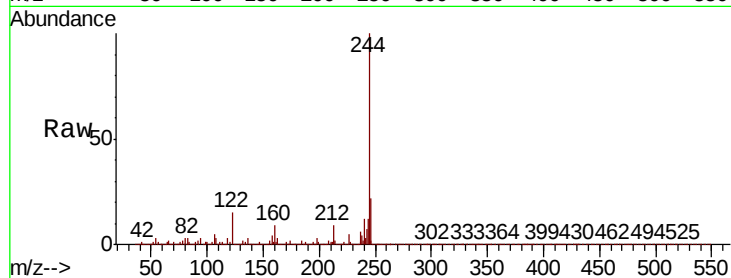
Tot Ion:244 Resp: 5440393

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

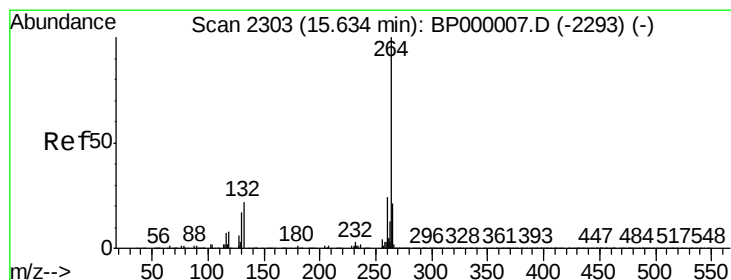
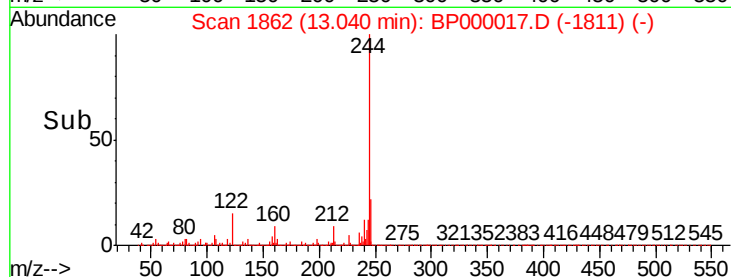
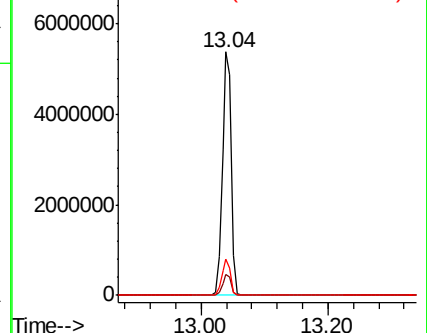
122 14.8 12.3 18.5



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: 15.63 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BP000017.D

Acq: 30 Aug 2019 20:49

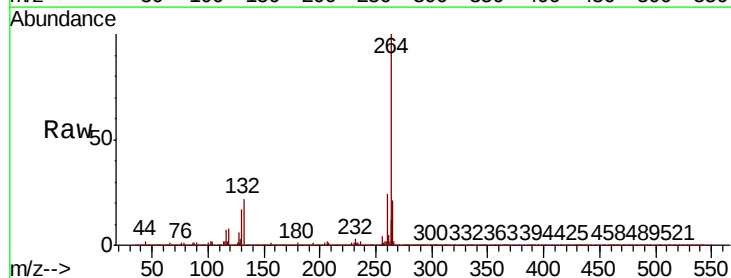
Tgt Ion:264 Resp: 1448264

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.4 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

