

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
 Data File : BF111775.D
 Acq On : 27 Dec 2018 21:01
 Operator : JU/SJ
 Sample : J6188-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118

Quant Time: Dec 28 07:27:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	139622	20.00	ng	0.01
21) Naphthalene-d8	8.19	136	473177	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	212301	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	385155	20.00	ng	0.01
76) Chrysene-d12	14.07	240	318838	20.00	ng	0.02
87) Perylene-d12	15.56	264	237192	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	780995	95.35	ng	0.04
7) Phenol-d6	6.55	99	853514	81.88	ng	0.03
23) Nitrobenzene-d5	7.46	82	674879	83.02	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	270898	107.99	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1203085	82.60	ng	0.00
79) Terphenyl-d14	13.02	244	1321374	78.59	ng	0.02

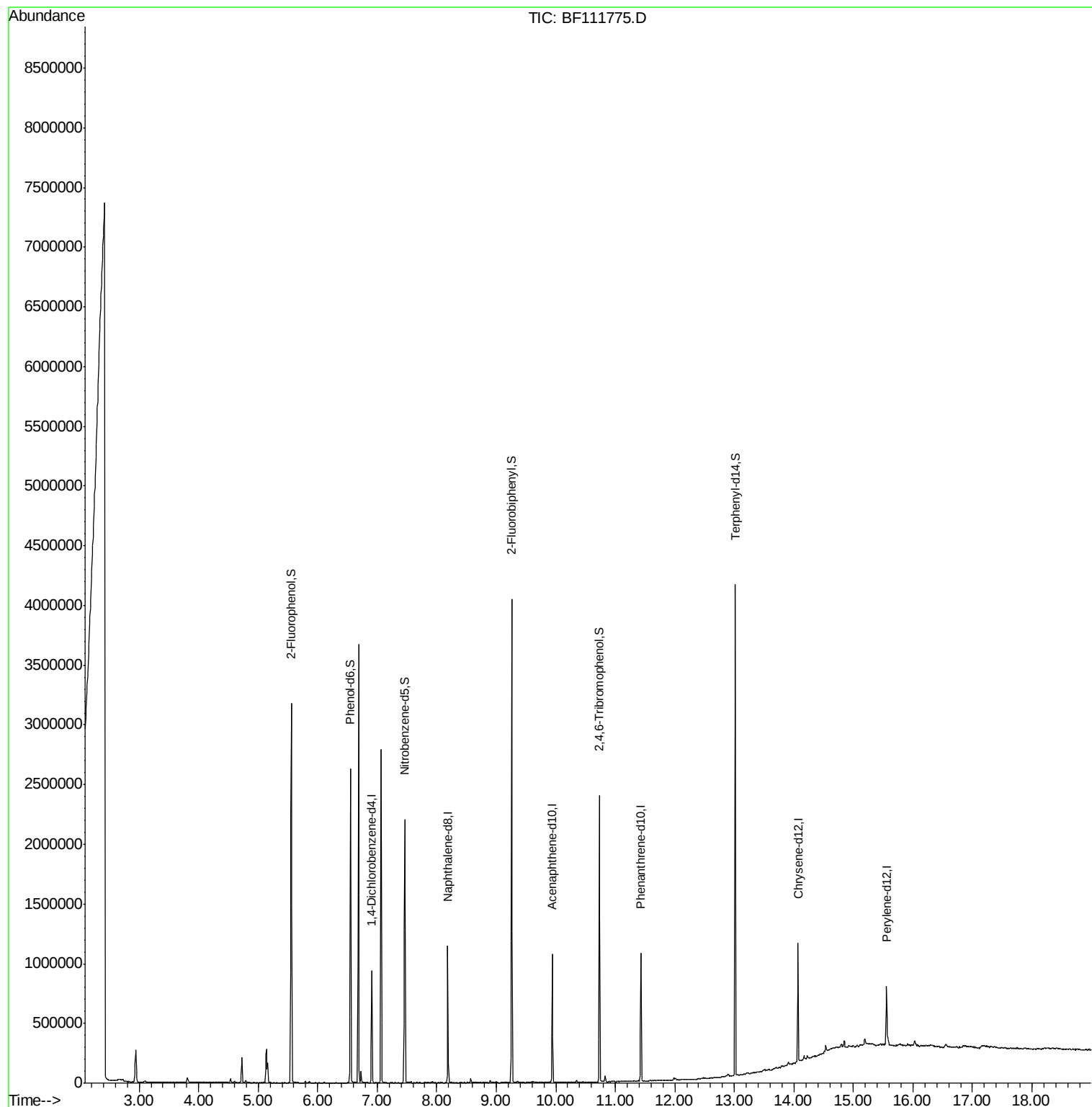
Target Compounds Qvalue

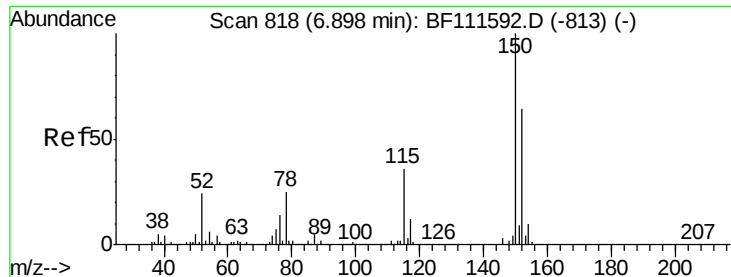
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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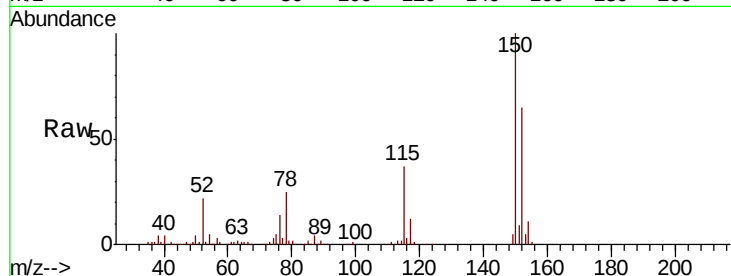


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF111775.D
Acq: 27 Dec 2018 21:01

Instrument :
BNA_F
ClientSampleId :
BU-03-122118

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.6	189.8
115	56.0	50.7	76.1

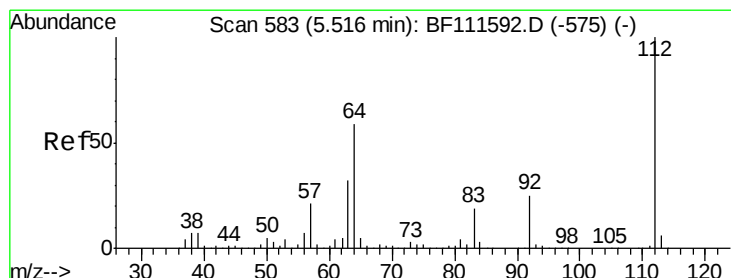
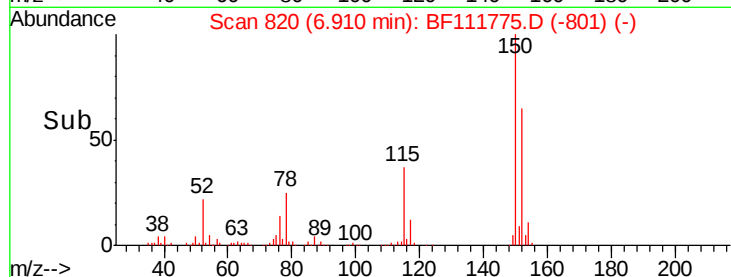
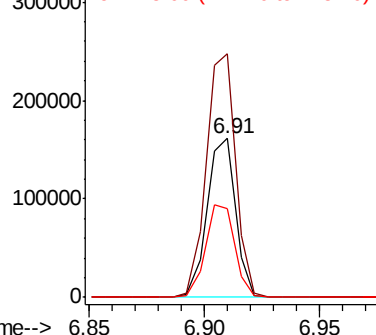


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

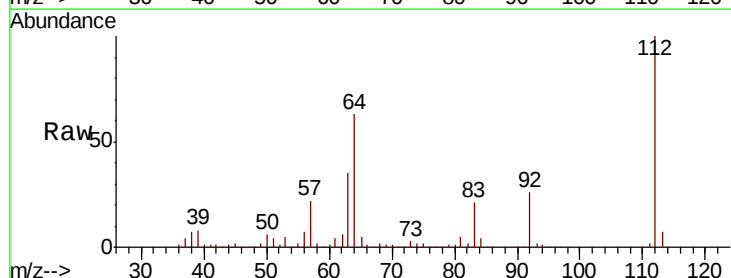
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.345 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.04 min
Lab File: BF111775.D
Acq: 27 Dec 2018 21:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	51.8	77.6
63	34.9	26.8	40.2

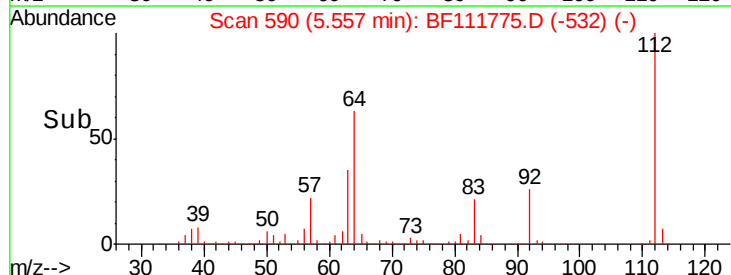
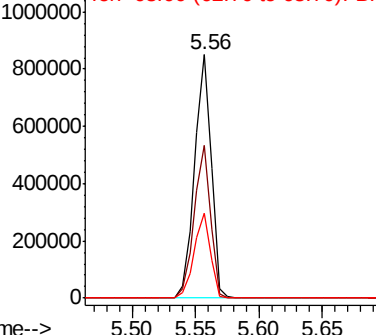


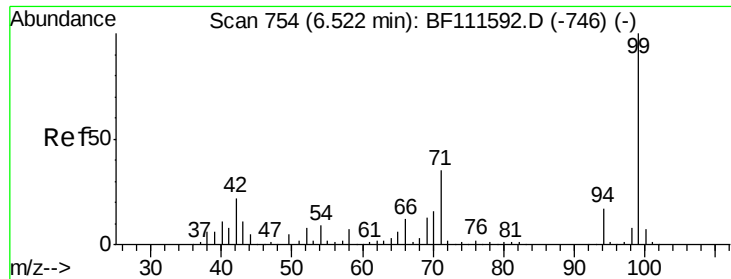
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 81.875 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111775.D

Acq: 27 Dec 2018 21:01

Instrument :

BNA_F

ClientSampleId :

BU-03-122118

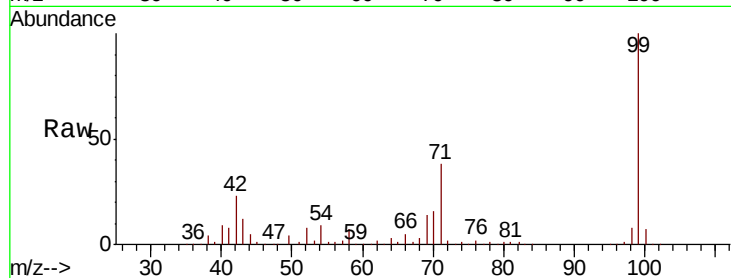
Tot Ion: 99 Resp: 853514

Ion Ratio Lower Upper

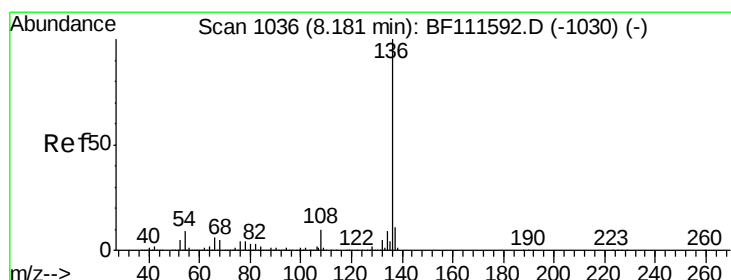
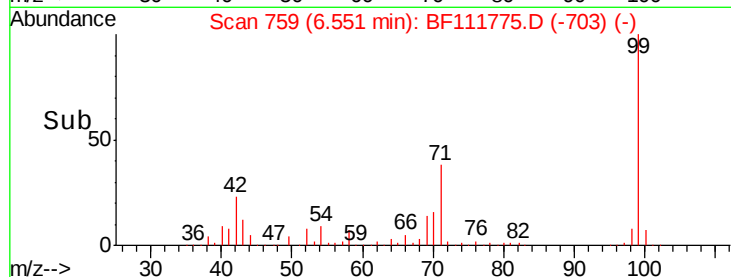
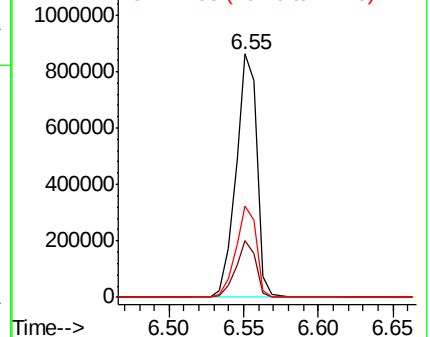
99 100

42 23.3 17.4 26.0

71 37.6 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111775.D

Acq: 27 Dec 2018 21:01

Tgt Ion: 136 Resp: 473177

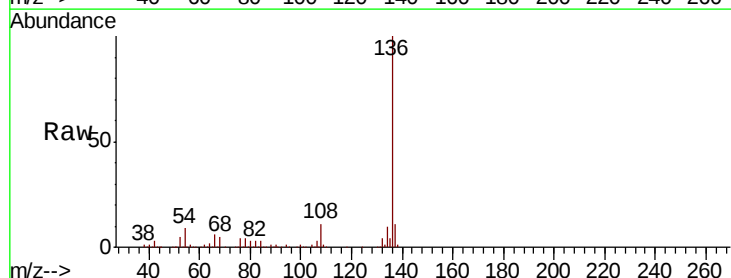
Ion Ratio Lower Upper

136 100

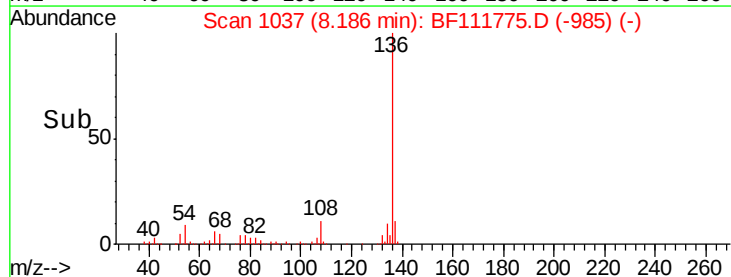
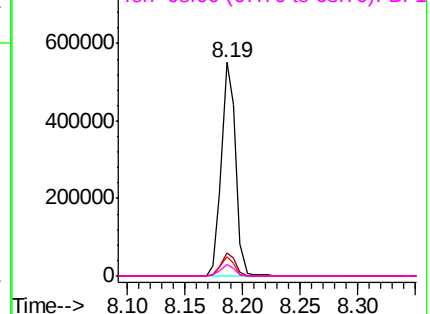
137 10.8 9.1 13.7

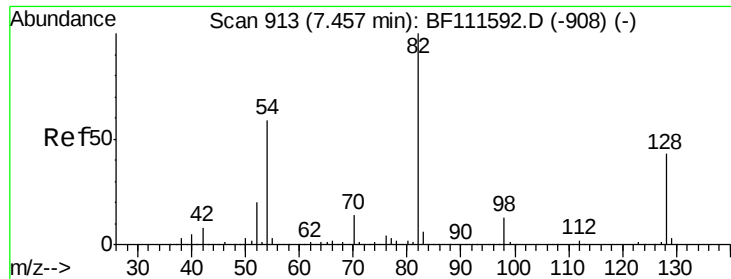
54 9.3 7.7 11.5

68 5.4 4.9 7.3



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

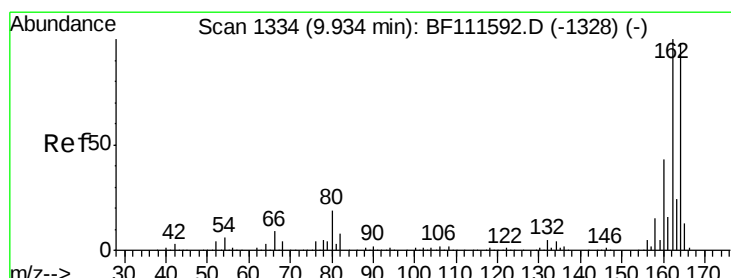
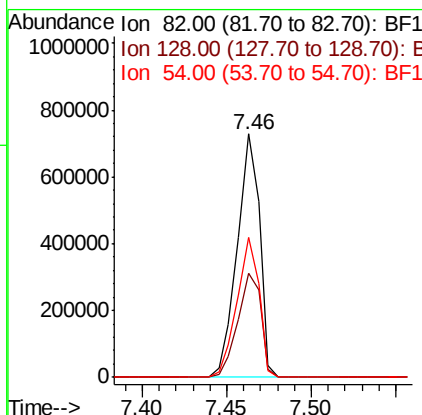
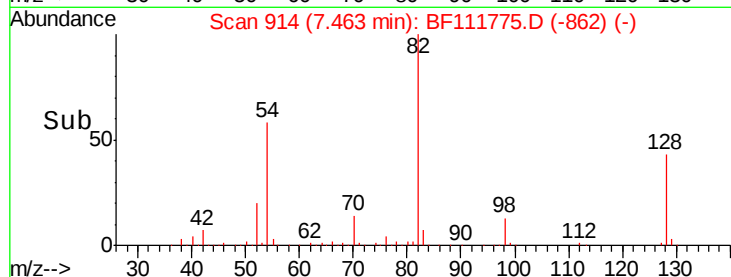
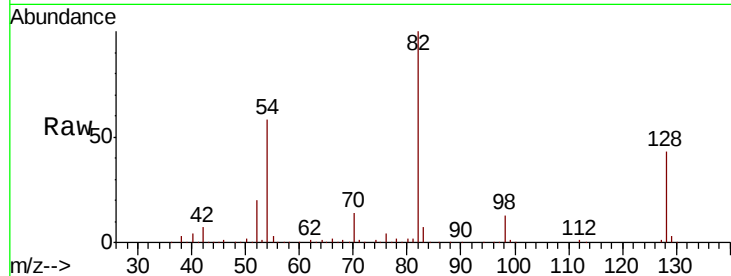




#23
 Nitrobenzene-d5
 Concen: 83.020 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF111775.D
 Acq: 27 Dec 2018 21:01

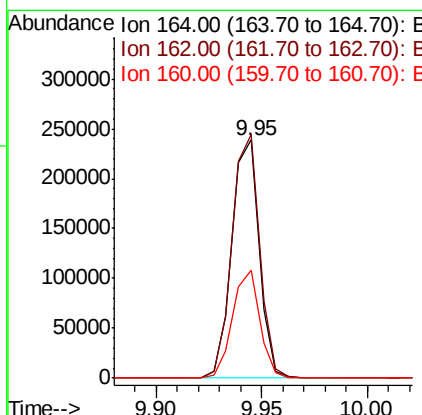
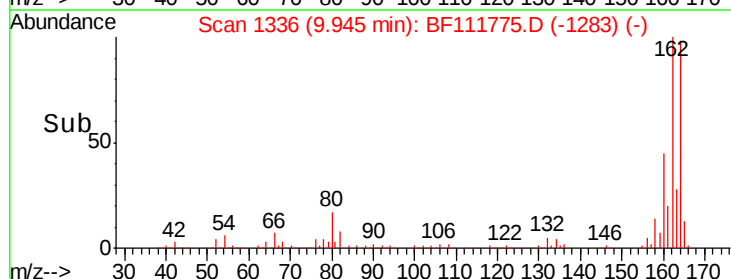
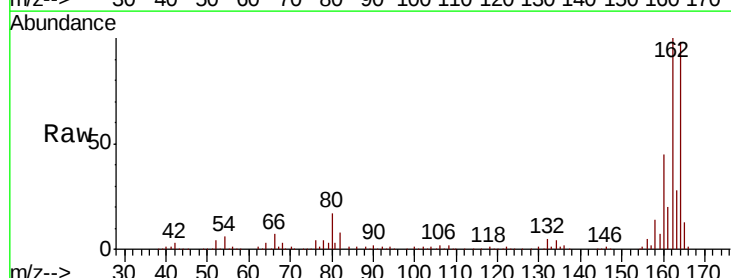
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118

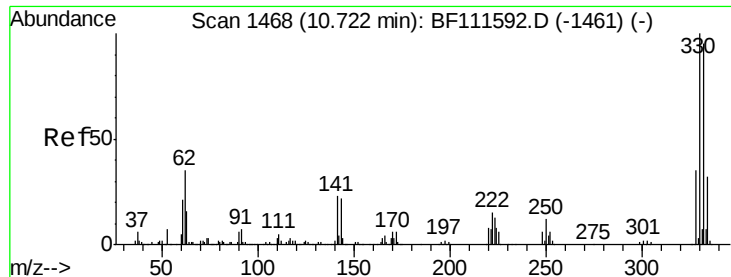
Tot Ion: 82 Resp: 674879
 Ion Ratio Lower Upper
 82 100
 128 42.7 37.4 56.2
 54 57.6 47.6 71.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.01 min
 Lab File: BF111775.D
 Acq: 27 Dec 2018 21:01

Tgt Ion:164 Resp: 212301
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.4 122.0
 160 45.4 35.7 53.5

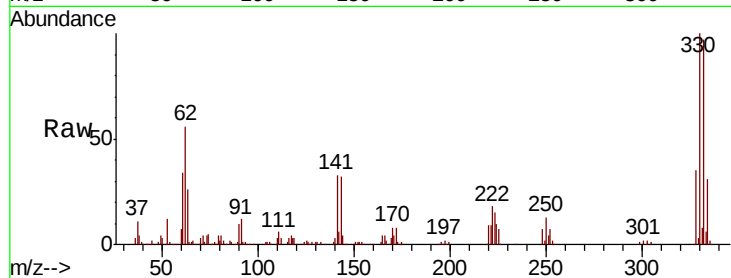




#42
 2,4,6-Tribromophenol
 Concen: 107.992 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF111775.D
 Acq: 27 Dec 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-122118

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.0	114.0
141	30.9	31.0	46.6#

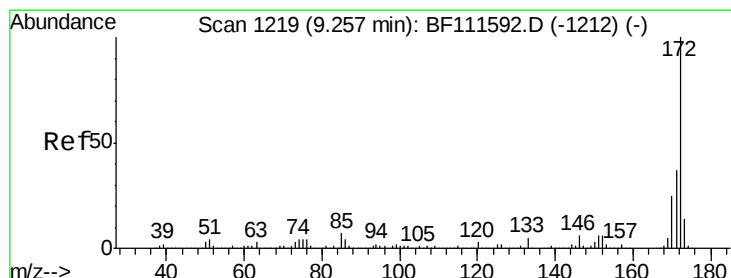
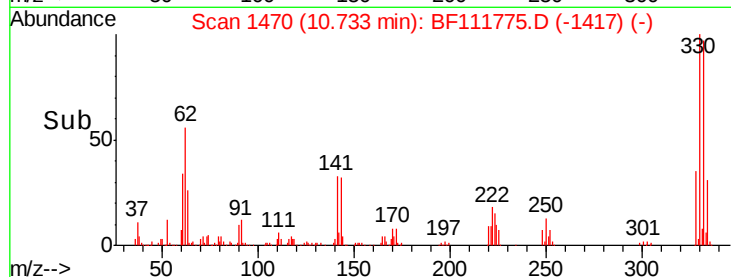
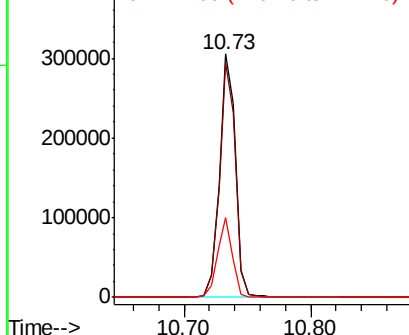


Abundance

Ion 329.80 (329.50 to 330.50): E

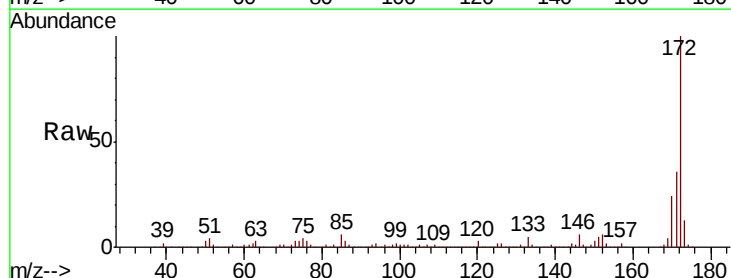
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.599 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF111775.D
 Acq: 27 Dec 2018 21:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	33.0	49.4
170	24.1	22.3	33.5

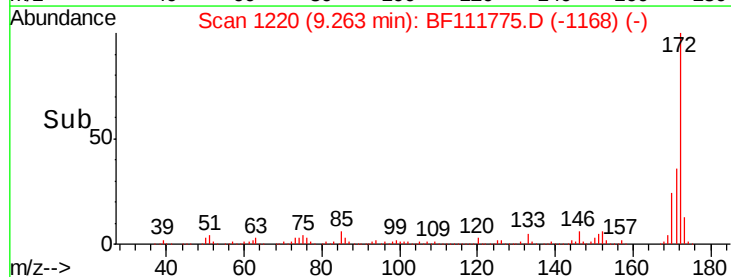
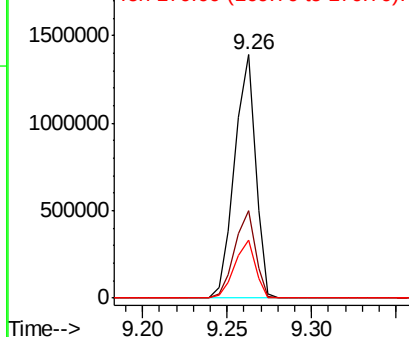


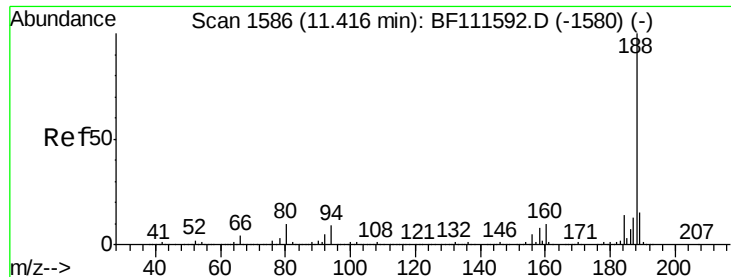
Abundance

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

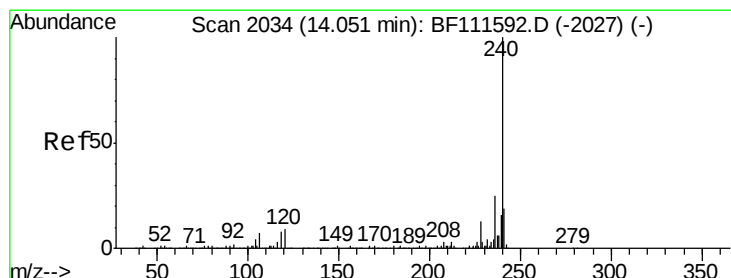
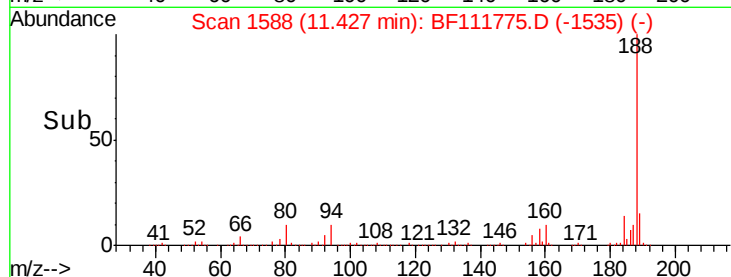
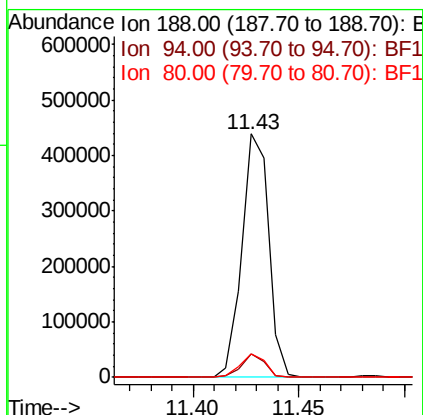
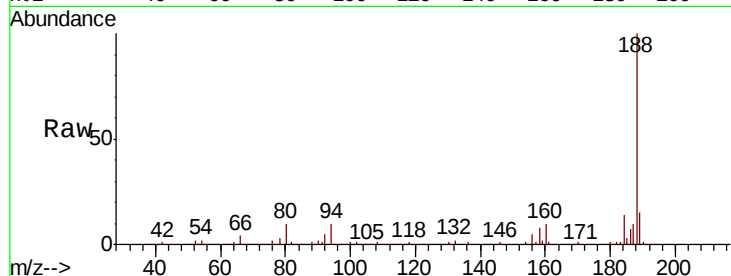




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111775.D
Acq: 27 Dec 2018 21:01

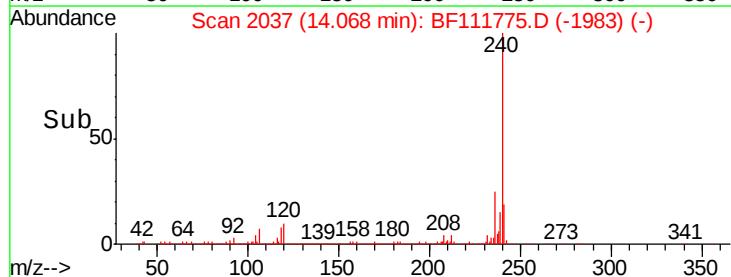
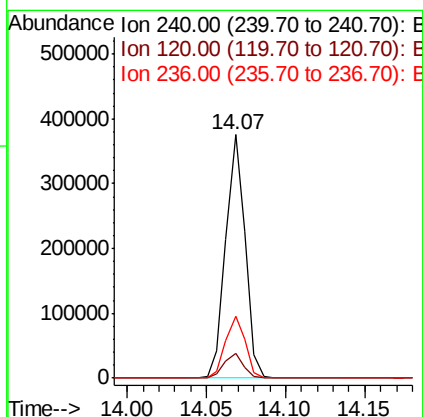
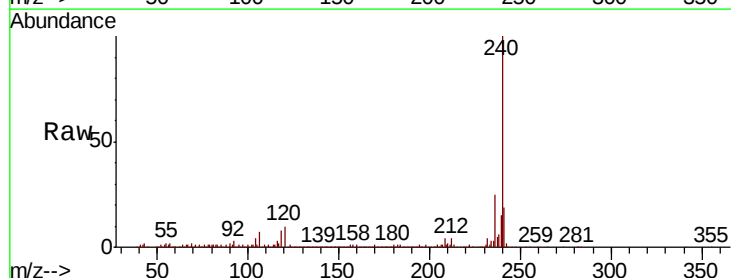
Instrument :
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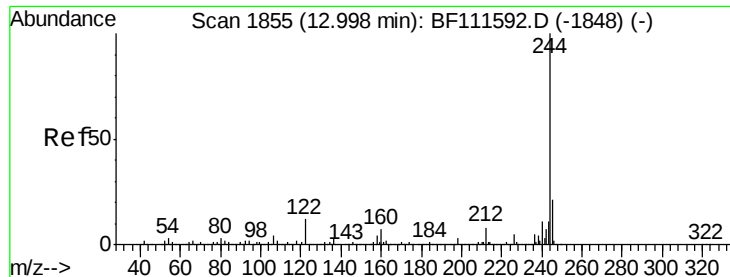
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.6	14.4
80	9.8	9.8	14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111775.D
Acq: 27 Dec 2018 21:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	12.2	18.2#
236	25.5	20.2	30.2





#79

Terphenyl-d14

Concen: 78.594 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF111775.D

Acq: 27 Dec 2018 21:01

Instrument :

BNA_F

ClientSampleId :

BU-03-122118

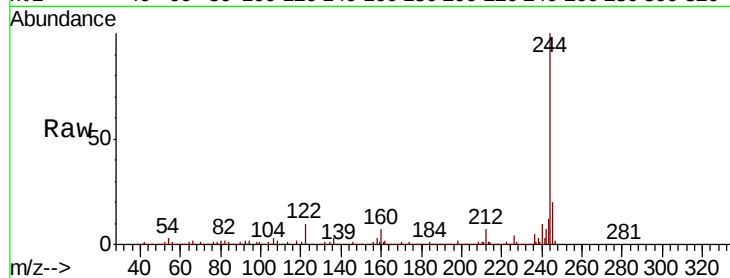
Tot Ion:244 Resp: 1321374

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.4 13.1 19.7#

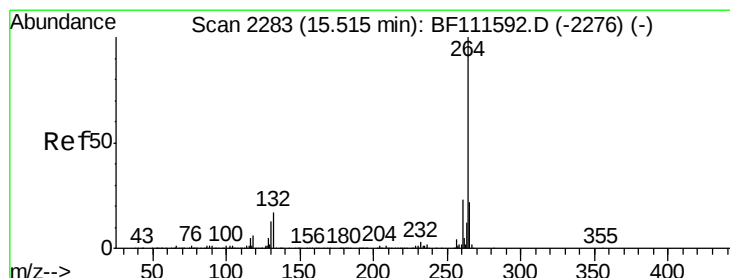
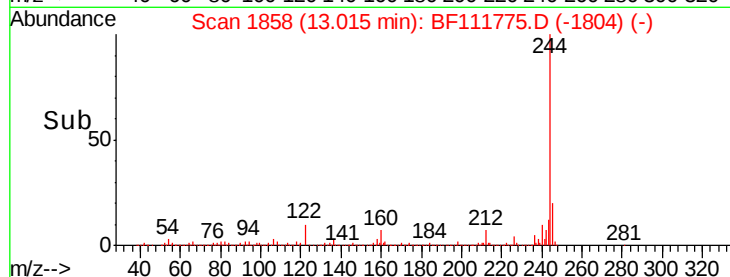
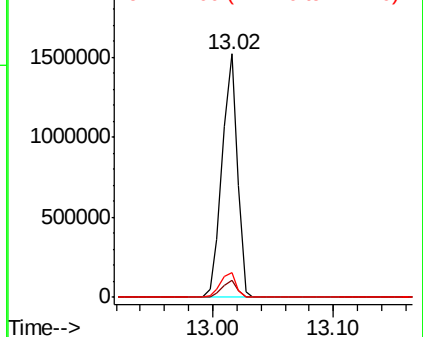


Abundance

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: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF111775.D

Acq: 27 Dec 2018 21:01

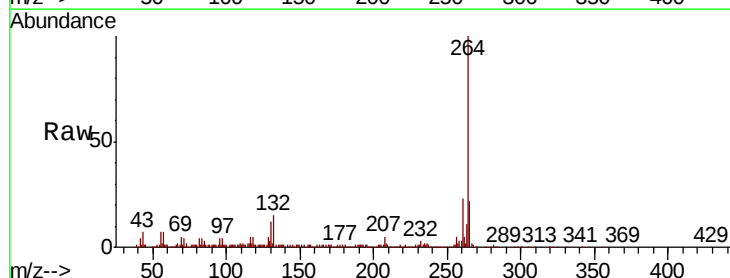
Tgt Ion:264 Resp: 237192

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 21.6 17.7 26.5



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

