

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097228.D
 Acq On : 1 Aug 2017 13:10
 Operator : SJ/JU
 Sample : I4488-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072717-A

Quant Time: Aug 01 15:24:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 01 14:57:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	115647	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	490609	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	183961	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	285414	20.00	ng	0.00
75) Chrysene-d12	13.59	240	198638	20.00	ng	0.00
86) Perylene-d12	14.94	264	154029	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	930954	121.35	ng	0.03
7) Phenol-d6	6.15	99	1141062	130.29	ng	0.00
23) Nitrobenzene-d5	7.03	82	738476	88.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.29	330	187200	128.80	ng	0.00
44) 2-Fluorobiphenyl	8.83	172	1126773	103.95	ng	0.00
78) Terphenyl-d14	12.56	244	702951	72.15	ng	0.00

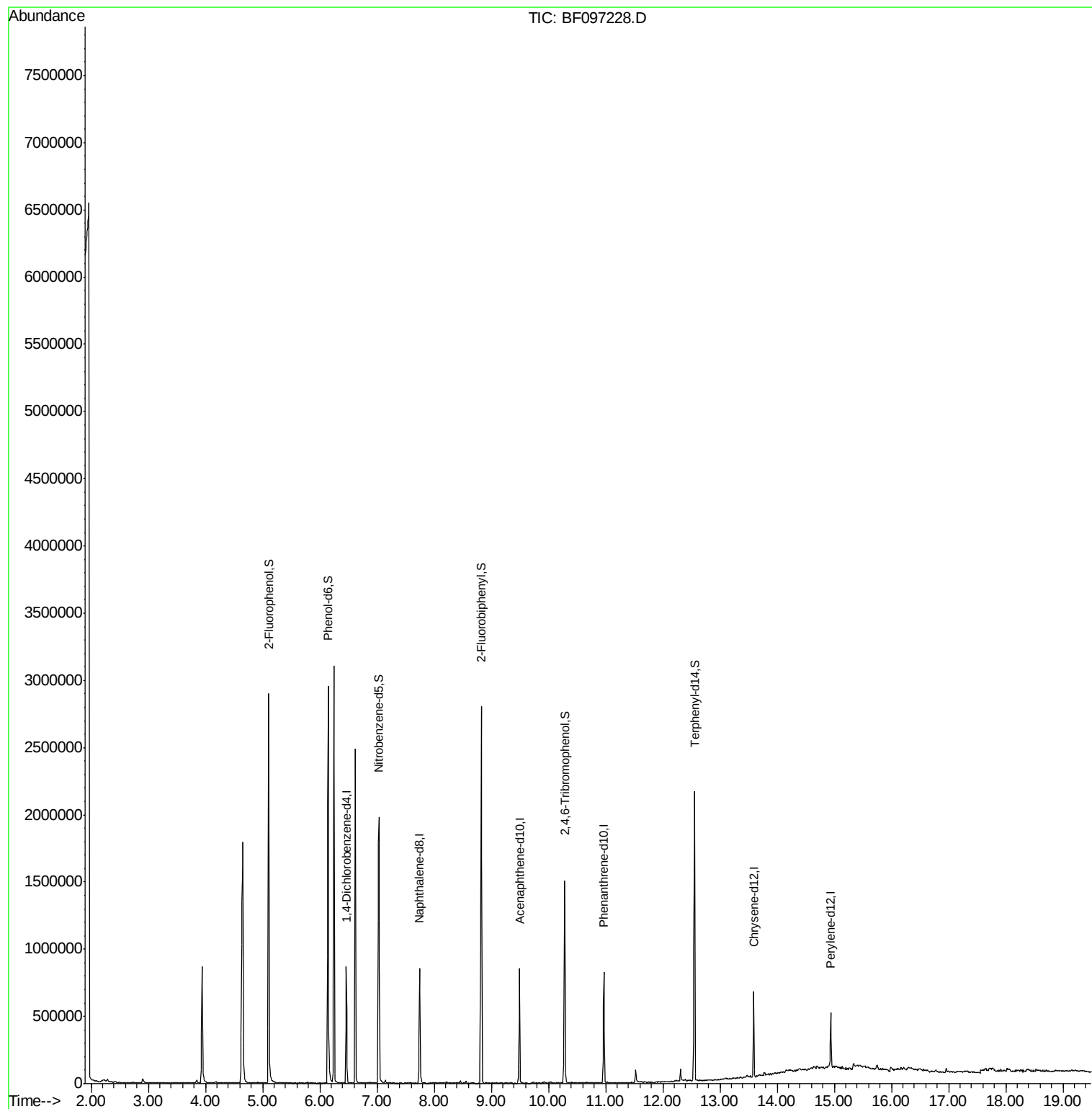
Target Compounds	Qvalue
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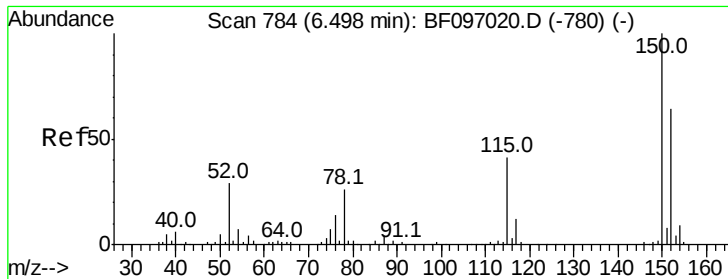
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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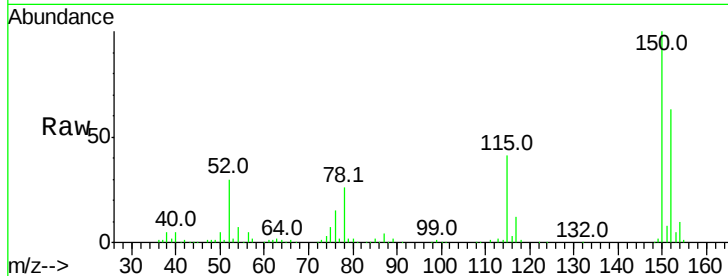


#1

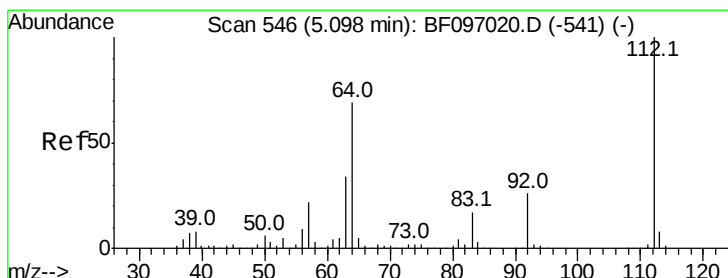
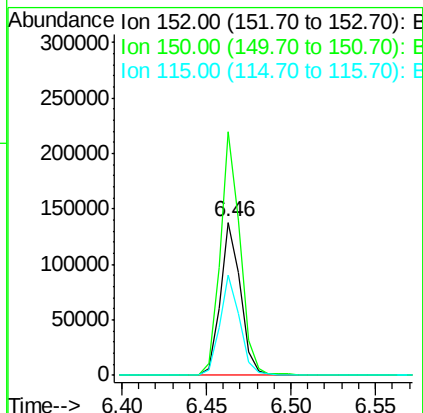
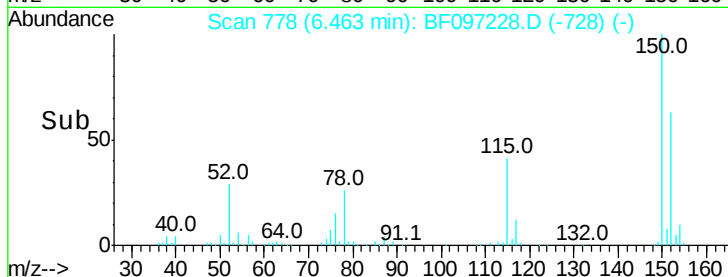
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF097228.D
Acq: 1 Aug 2017 13:10

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

Tot Ion:152 Resp: 115647
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.2
115 65.7 52.2 78.2



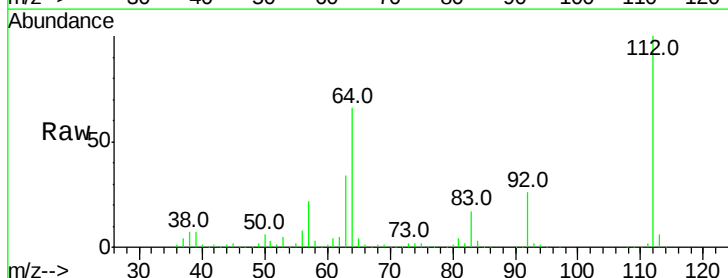
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



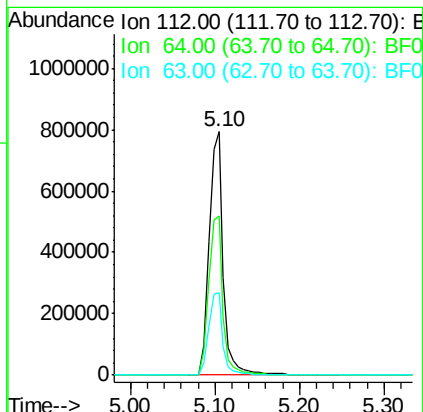
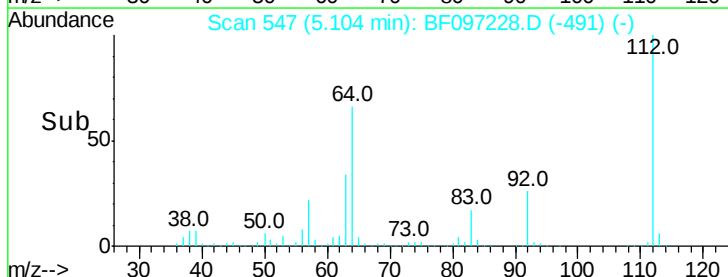
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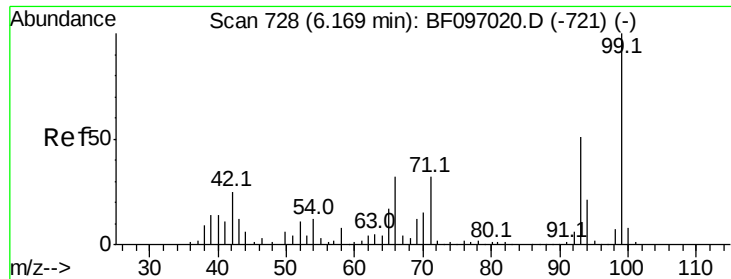
2-Fluorophenol
Concen: 121.352 ng
RT: 5.10 min Scan# 547
Delta R.T. 0.03 min
Lab File: BF097228.D
Acq: 1 Aug 2017 13:10

Tgt Ion:112 Resp: 930954
Ion Ratio Lower Upper
112 100
64 65.6 46.0 69.0
63 33.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.289 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF097228.D

Acq: 1 Aug 2017 13:10

Instrument :

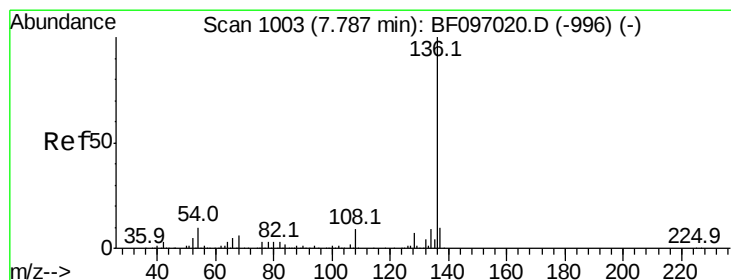
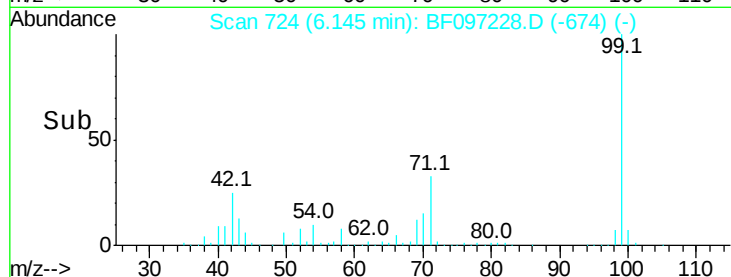
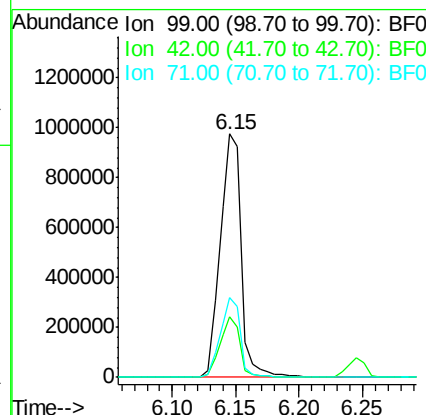
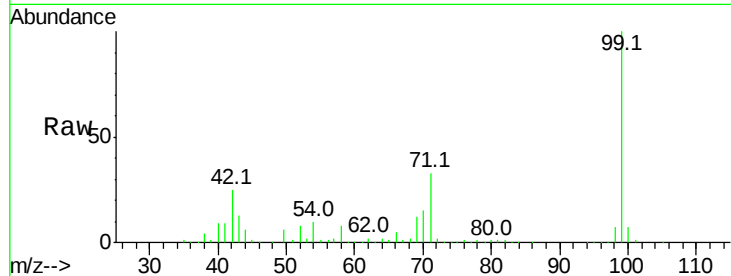
BNA_F

ClientSampleId :

CL-02-072717-A

Tot Ion: 99 Resp: 1141062

Ion	Ratio	Lower	Upper
99	100		
42	24.8	13.5	20.3#
71	32.6	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.75 min Scan# 996

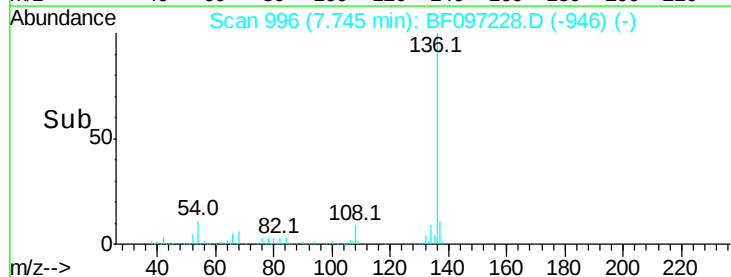
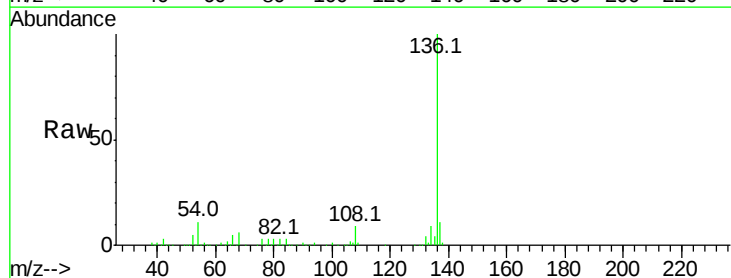
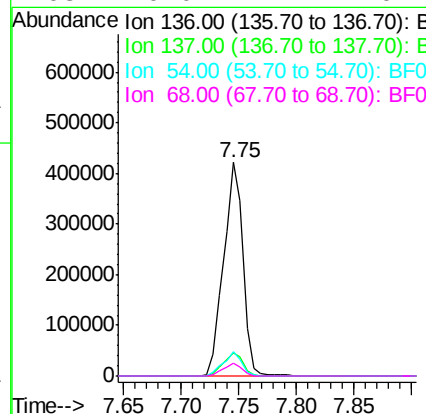
Delta R.T. -0.01 min

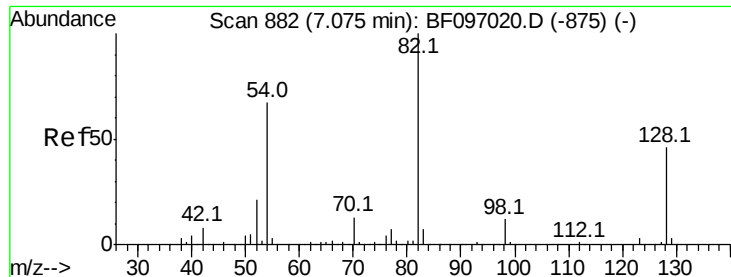
Lab File: BF097228.D

Acq: 1 Aug 2017 13:10

Tgt Ion: 136 Resp: 490609

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	11.2	4.9	7.3#
68	6.0	4.1	6.1

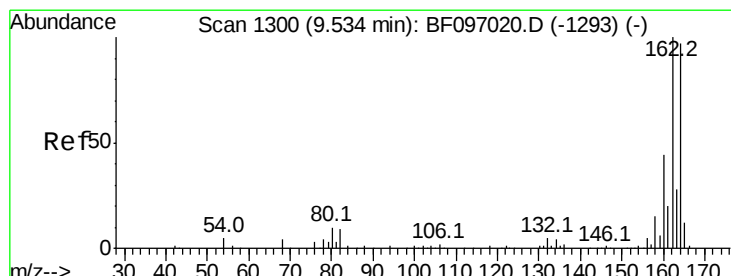
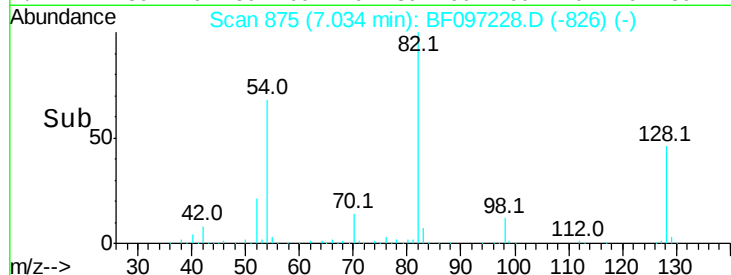
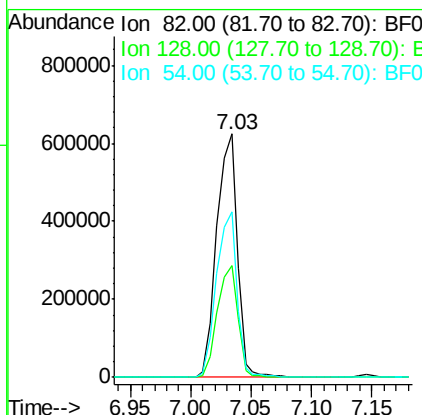
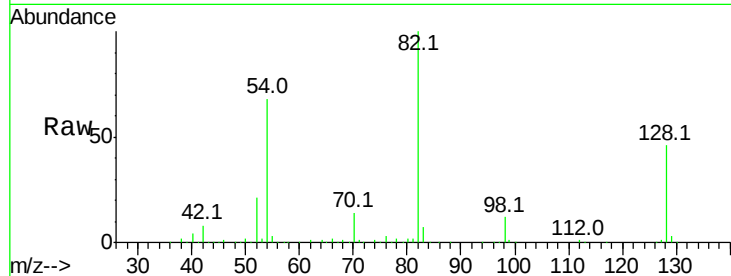




#23
 Nitrobenzene-d5
 Concen: 88.302 ng
 RT: 7.03 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF097228.D
 Acq: 1 Aug 2017 13:10

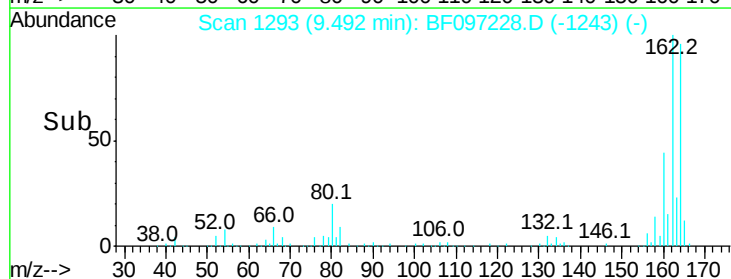
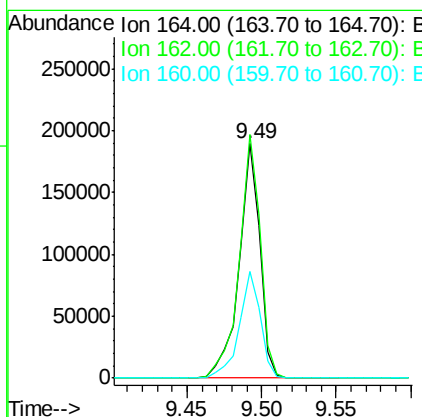
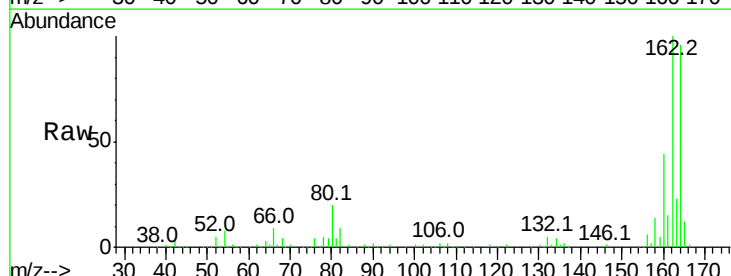
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072717-A

Tot Ion: 82 Resp: 738476
 Ion Ratio Lower Upper
 82 100
 128 45.8 34.0 51.0
 54 68.1 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF097228.D
 Acq: 1 Aug 2017 13:10

Tgt Ion:164 Resp: 183961
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 123.8
 160 45.6 36.2 54.2

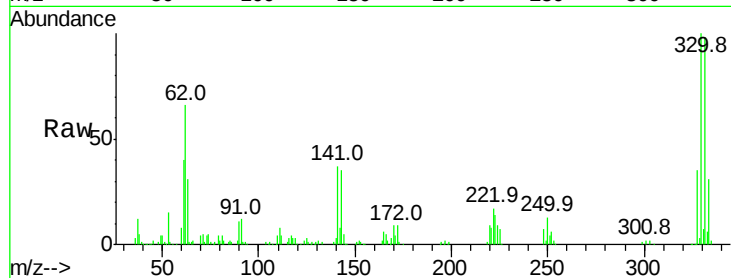




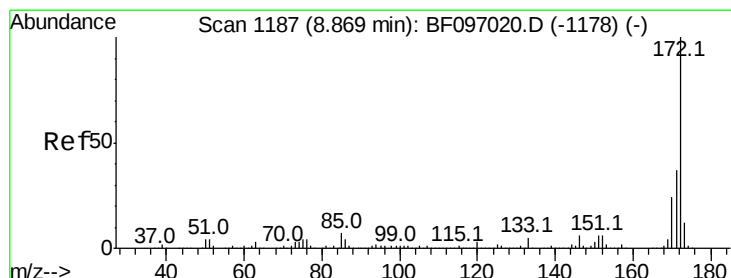
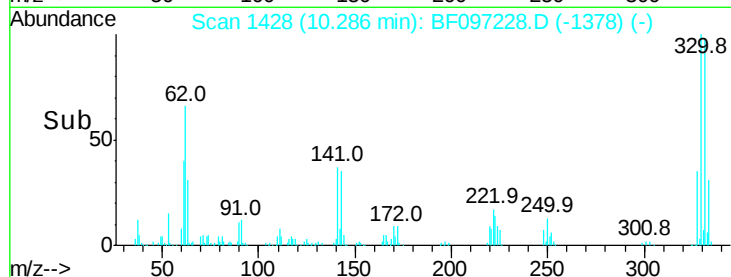
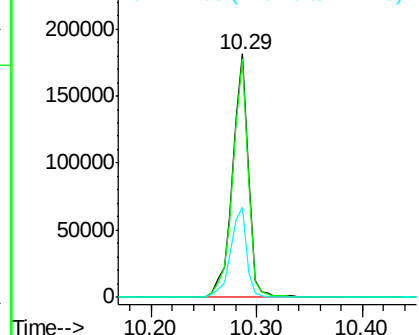
#41
 2,4,6-Tribromophenol
 Concen: 128.795 ng
 RT: 10.29 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF097228.D
 Acq: 1 Aug 2017 13:10

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072717-A

Tot Ion:330 Resp: 187200
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 37.7 31.4 47.2

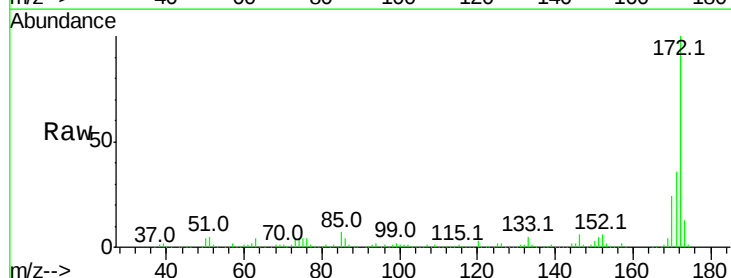


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

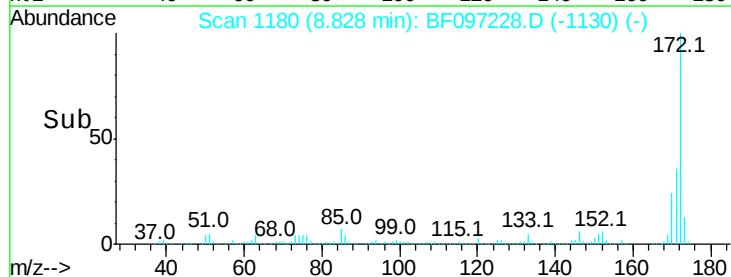
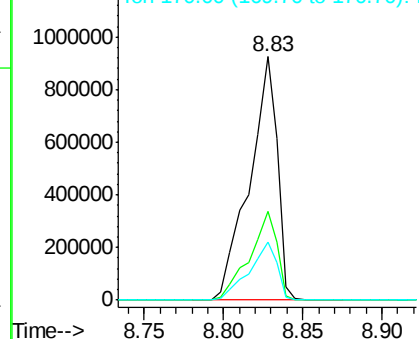


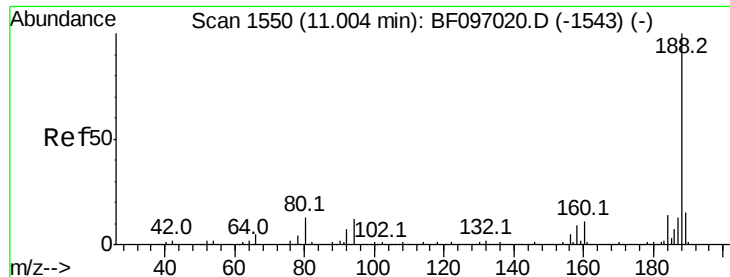
#44
 2-Fluorobiphenyl
 Concen: 103.948 ng
 RT: 8.83 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF097228.D
 Acq: 1 Aug 2017 13:10

Tgt Ion:172 Resp: 1126773
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.0 19.8 29.8



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

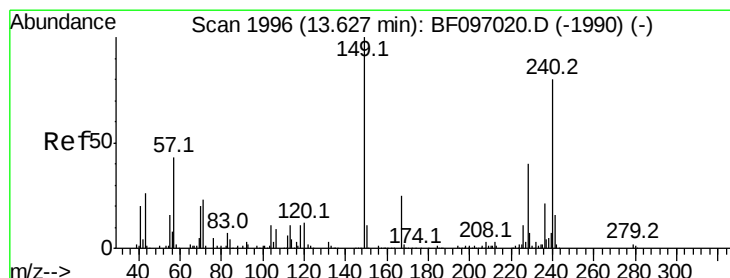
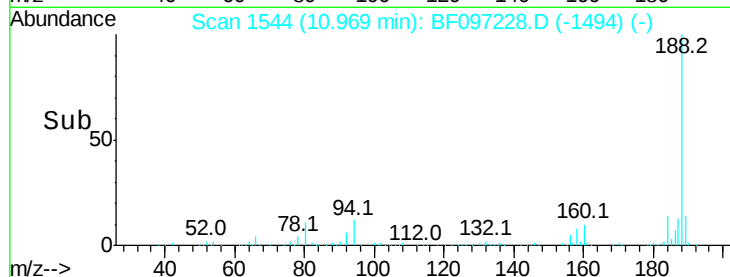
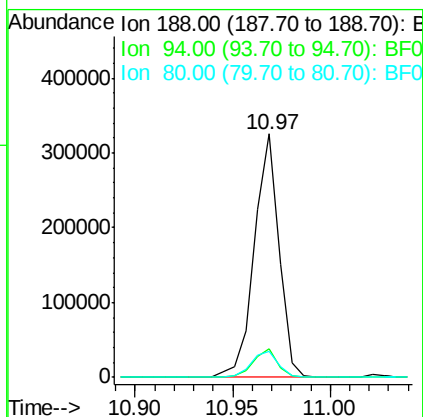
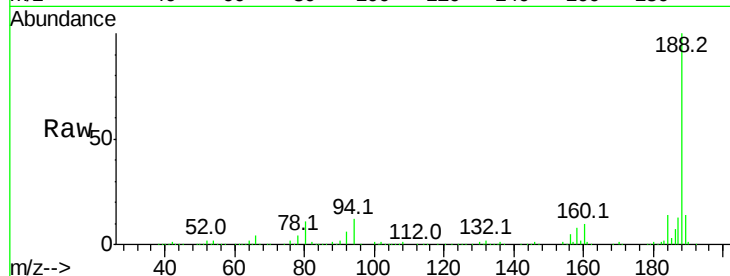




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.97 min Scan# 1544
 Delta R.T. -0.01 min
 Lab File: BF097228.D
 Acq: 1 Aug 2017 13:10

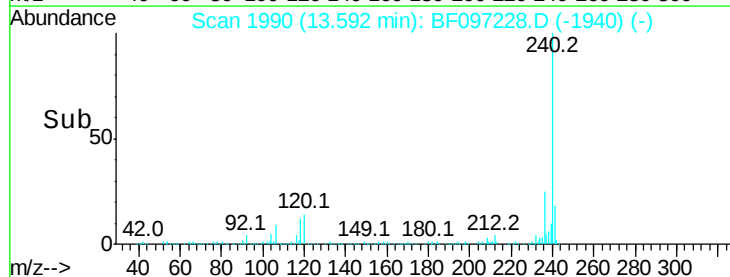
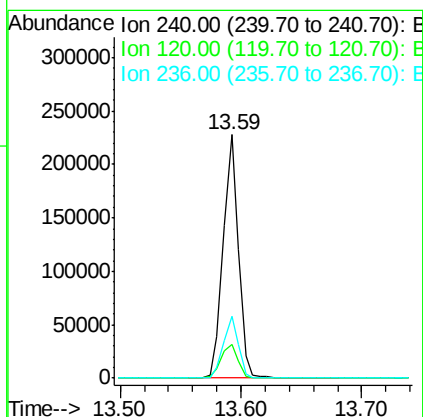
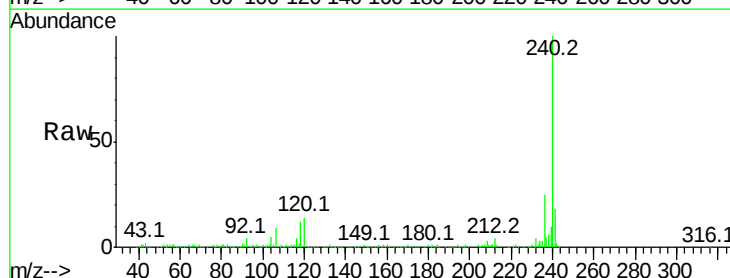
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 BNA_F
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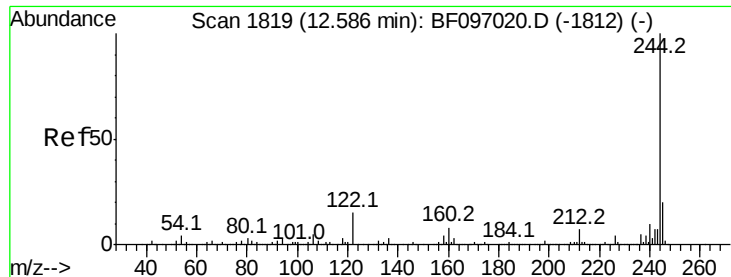
Tot Ion:188 Resp: 285414
 Ion Ratio Lower Upper
 188 100
 94 11.7 9.4 14.2
 80 11.0 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.59 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF097228.D
 Acq: 1 Aug 2017 13:10

Tgt Ion:240 Resp: 198638
 Ion Ratio Lower Upper
 240 100
 120 13.9 5.8 8.8#
 236 25.3 20.5 30.7





#78

Terphenyl-d14

Concen: 72.152 ng

RT: 12.56 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF097228.D

Acq: 1 Aug 2017 13:10

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-A

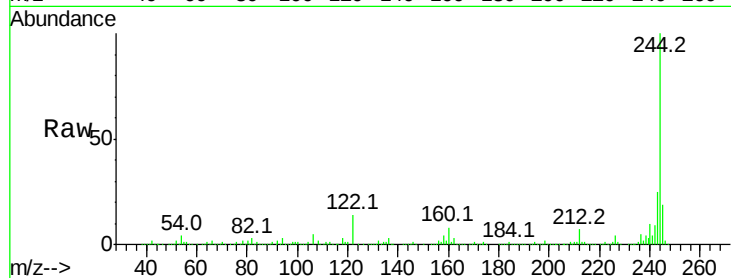
Tot Ion:244 Resp: 702951

Ion Ratio Lower Upper

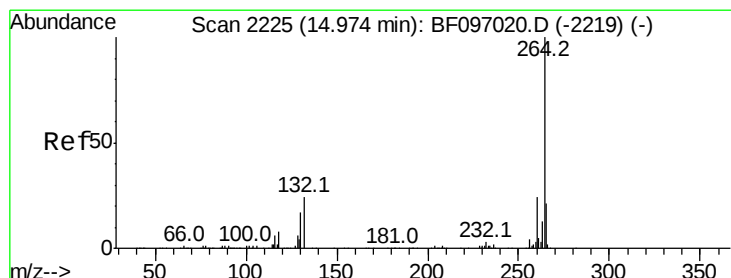
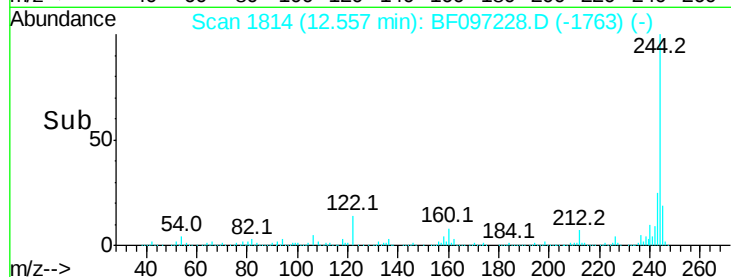
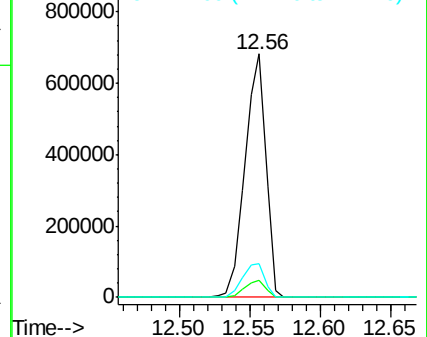
244 100

212 6.8 6.0 9.0

122 13.9 10.3 15.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.94 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BF097228.D

Acq: 1 Aug 2017 13:10

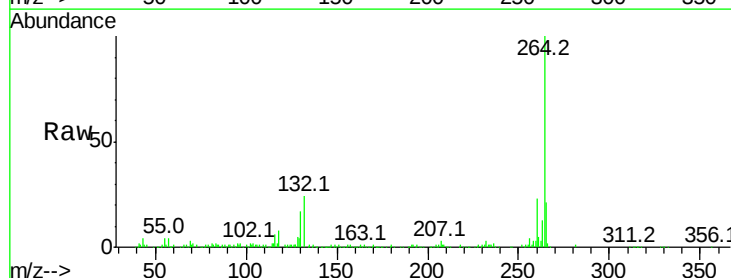
Tgt Ion:264 Resp: 154029

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 20.9 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

