

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
 Data File : BF087419.D
 Acq On : 26 May 2016 21:17
 Operator : UM/SJ
 Sample : PB90910BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90910BL

Quant Time: May 27 02:21:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	97882	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	397632	20.00	ng	-0.02
38) Acenaphthene-d10	12.37	164	184820	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	381943	20.00	ng	-0.01
75) Chrysene-d12	18.46	240	313044	20.00	ng	-0.02
86) Perylene-d12	20.13	264	213983	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	723722	129.92	ng	0.00
7) Phenol-d6	7.05	99	946168	125.70	ng	-0.02
23) Nitrobenzene-d5	8.42	82	636986	80.74	ng	-0.02
41) 2,4,6-Tribromophenol	13.66	330	218290	122.91	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	1045739	79.77	ng	-0.02
78) Terphenyl-d14	17.12	244	1126190	76.48	ng	-0.01

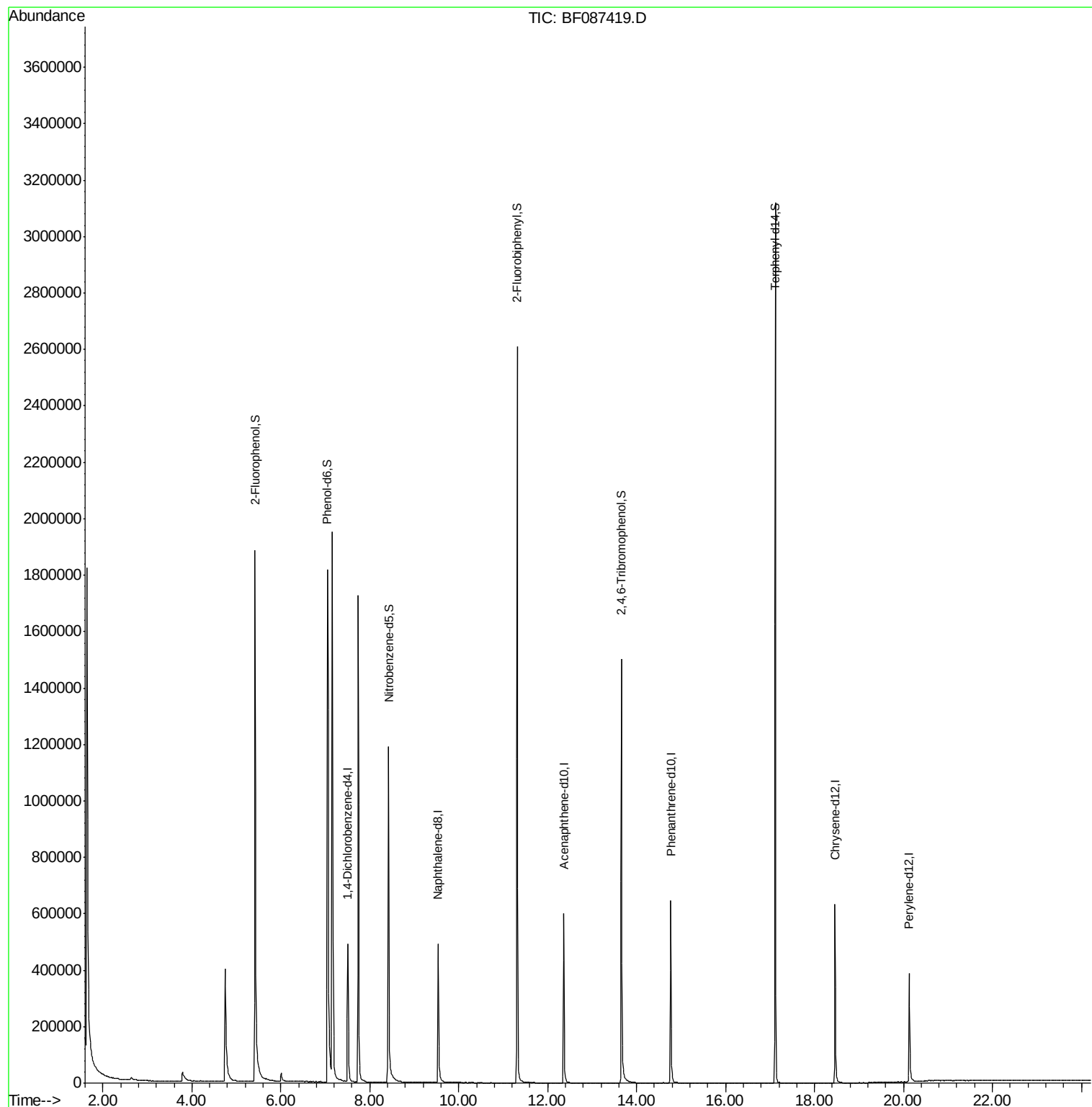
Target Compounds Qvalue

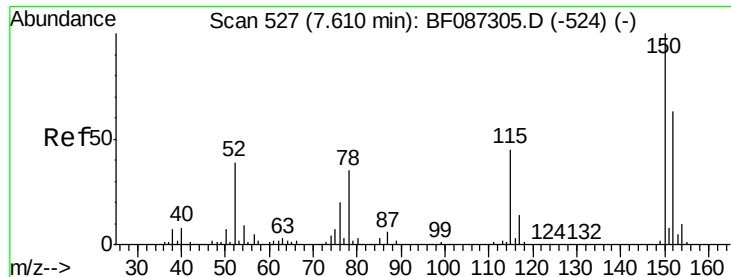
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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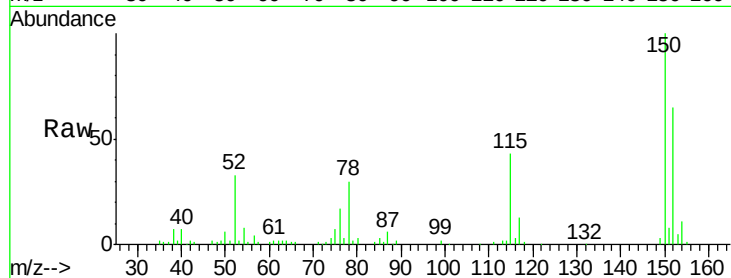


#1

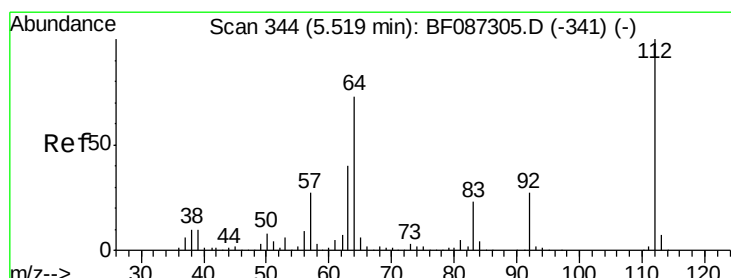
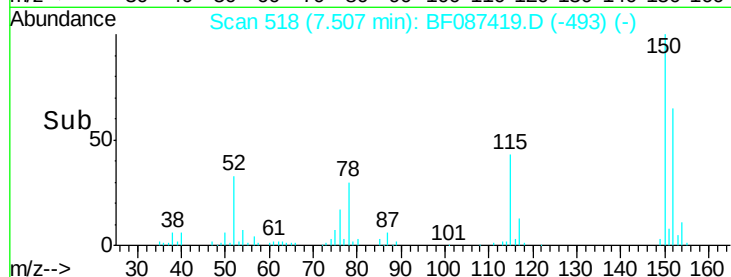
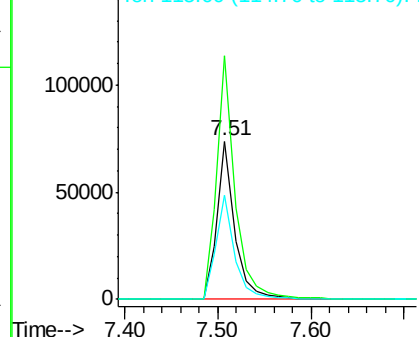
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF087419.D
Acq: 26 May 2016 21:17

Instrument :
BNA_F
ClientSampleId :
PB90910BL

Tot Ion:152 Resp: 97882
Ion Ratio Lower Upper
152 100
150 154.1 125.8 188.6
115 65.5 51.5 77.3



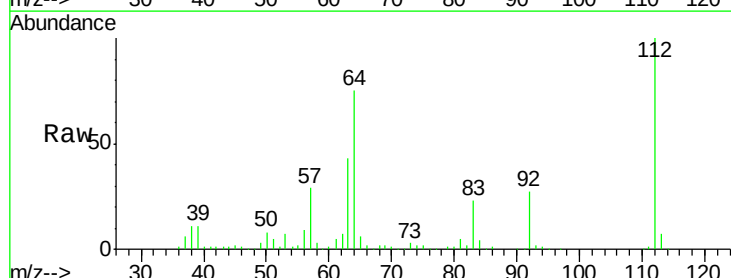
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



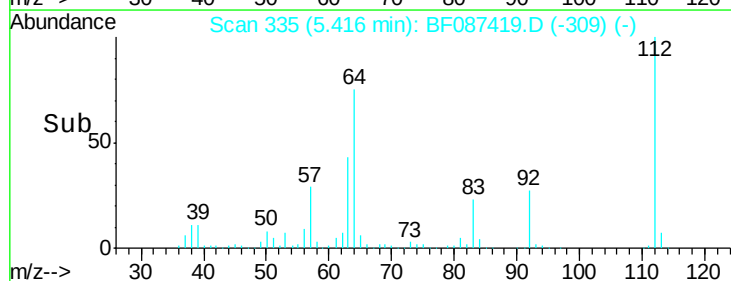
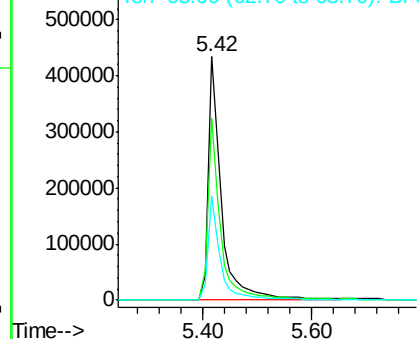
#5

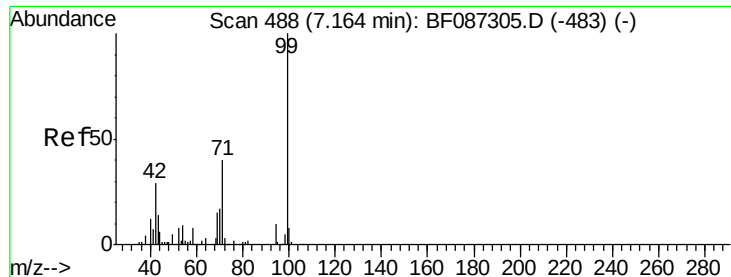
2-Fluorophenol
Concen: 129.92 ng
RT: 5.42 min Scan# 335
Delta R.T. 0.00 min
Lab File: BF087419.D
Acq: 26 May 2016 21:17

Tgt Ion:112 Resp: 723722
Ion Ratio Lower Upper
112 100
64 75.1 52.1 78.1
63 42.6 25.7 38.5#



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: 125.70 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF087419.D

Acq: 26 May 2016 21:17

Instrument :

BNA_F

ClientSampleId :

PB90910BL

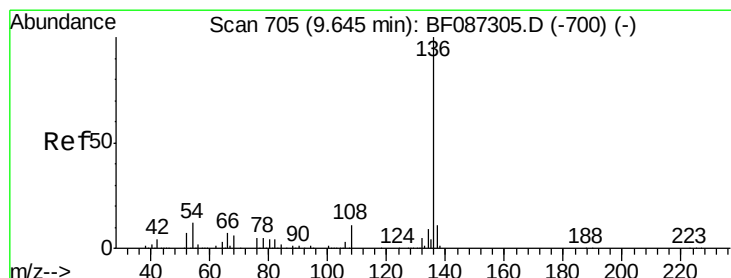
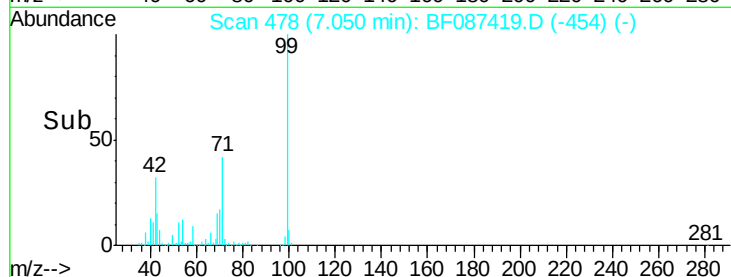
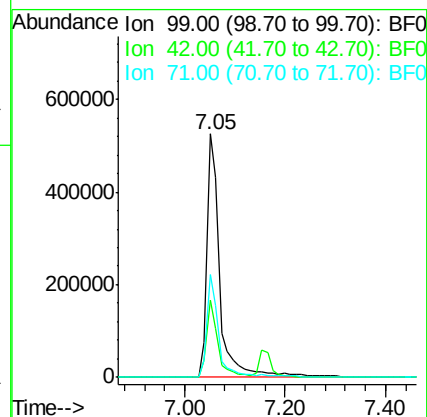
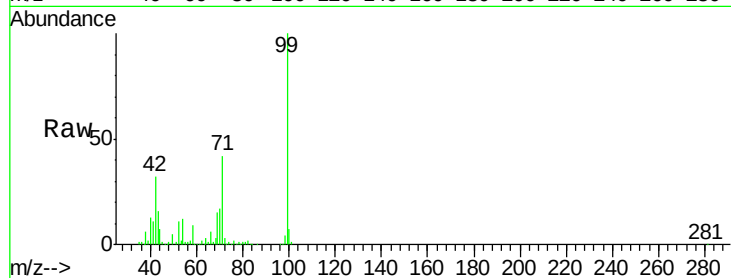
Tot Ion: 99 Resp: 946168

Ion Ratio Lower Upper

99 100

42 31.8 13.6 20.4#

71 42.3 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF087419.D

Acq: 26 May 2016 21:17

Tgt Ion: 136 Resp: 397632

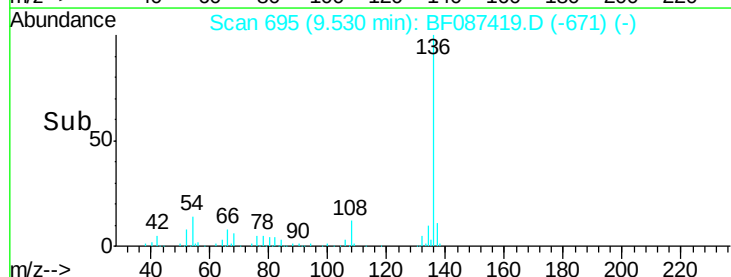
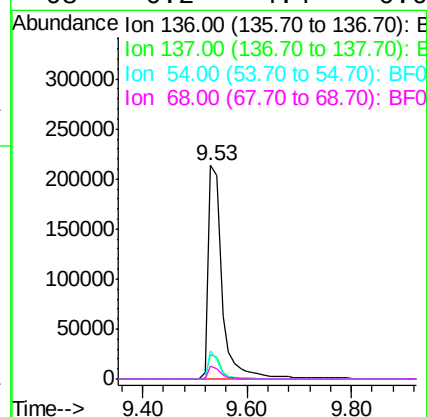
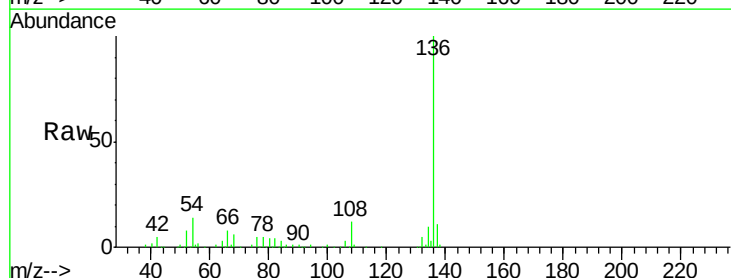
Ion Ratio Lower Upper

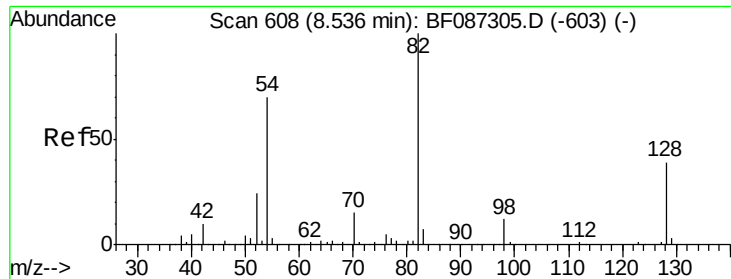
136 100

137 11.5 8.8 13.2

54 13.5 5.0 7.4#

68 6.2 4.4 6.6

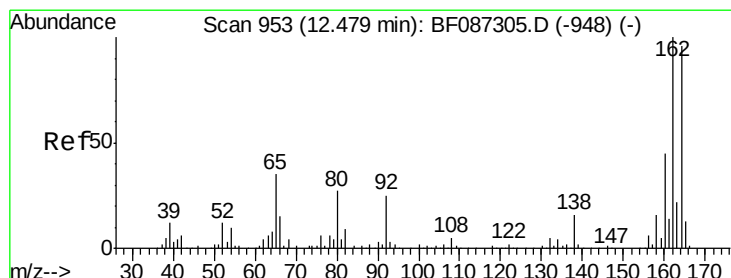
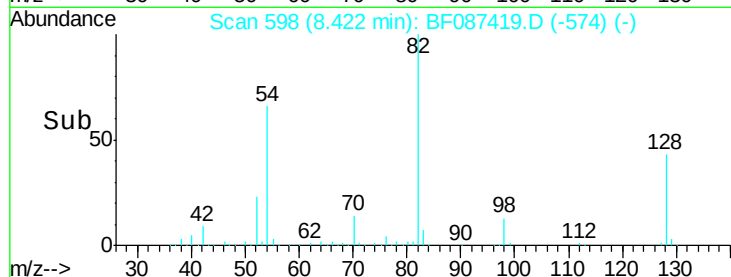
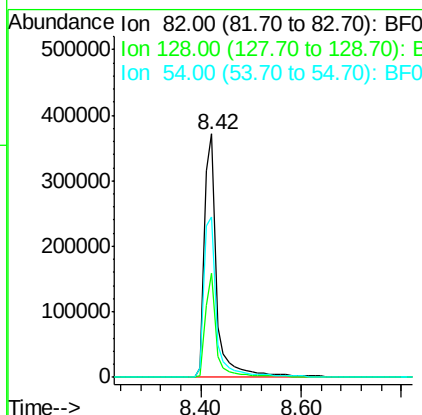
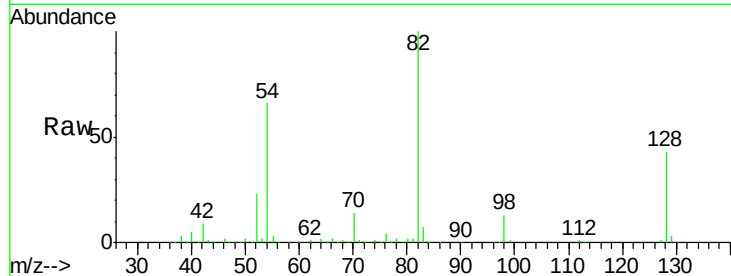




#23
 Nitrobenzene-d5
 Concen: 80.74 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF087419.D
 Acq: 26 May 2016 21:17

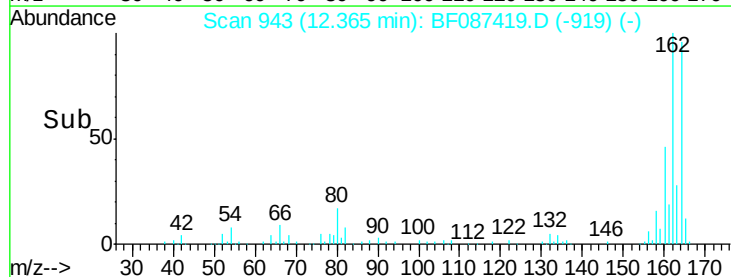
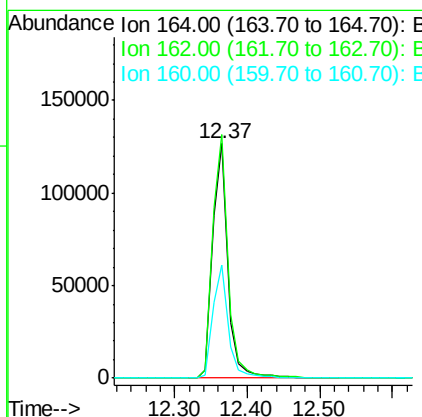
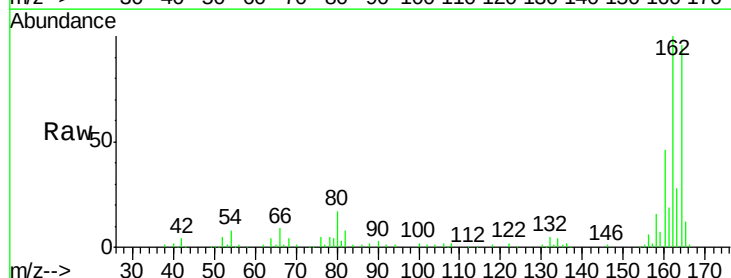
Instrument :
 BNA_F
 ClientSampleId :
 PB90910BL

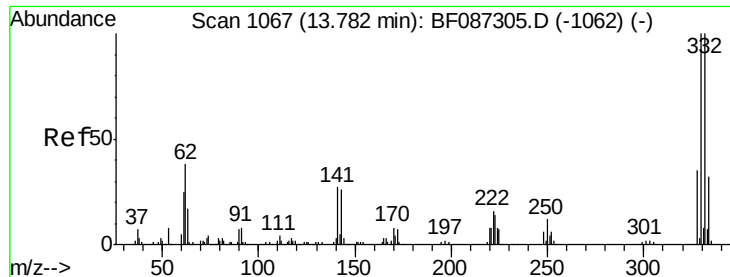
Tot Ion: 82 Resp: 636986
 Ion Ratio Lower Upper
 82 100
 128 42.8 40.6 61.0
 54 65.8 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.37 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF087419.D
 Acq: 26 May 2016 21:17

Tgt Ion: 164 Resp: 184820
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.8 124.2
 160 48.1 36.9 55.3

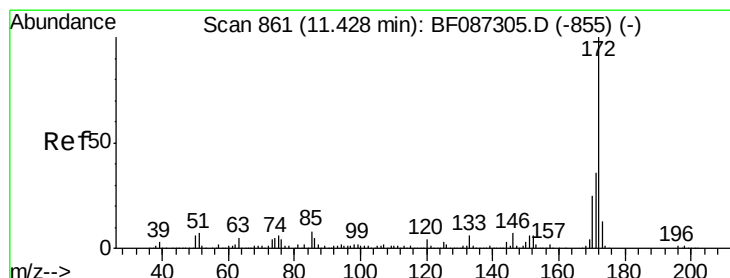
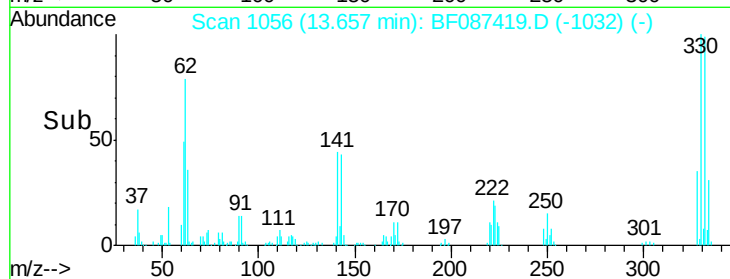
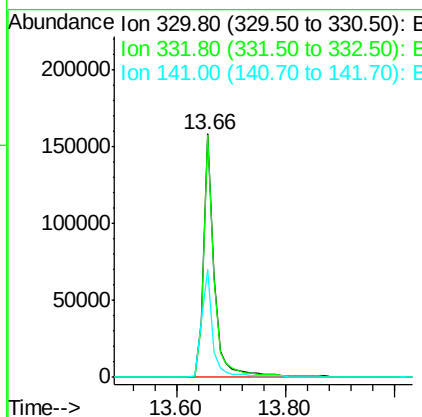
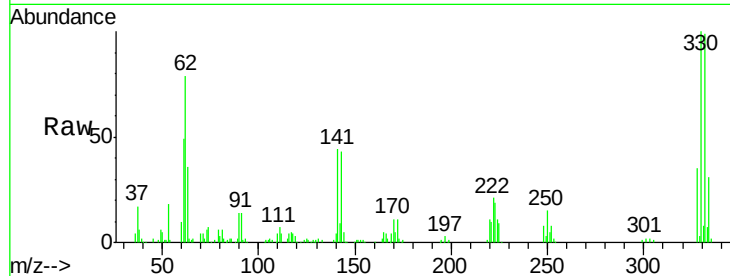




#41
 2,4,6-Tribromophenol
 Concen: 122.91 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.02 min
 Lab File: BF087419.D
 Acq: 26 May 2016 21:17

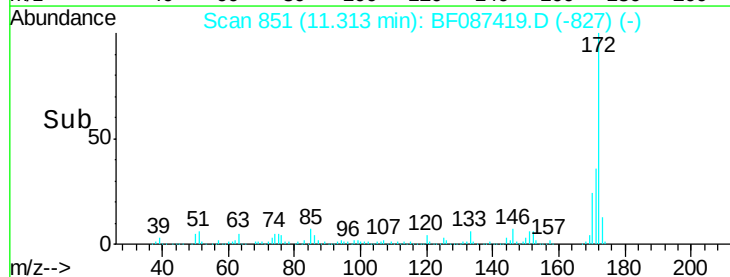
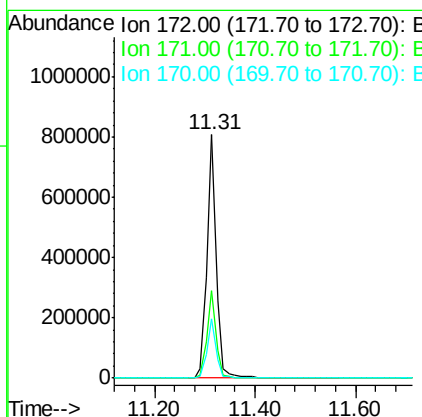
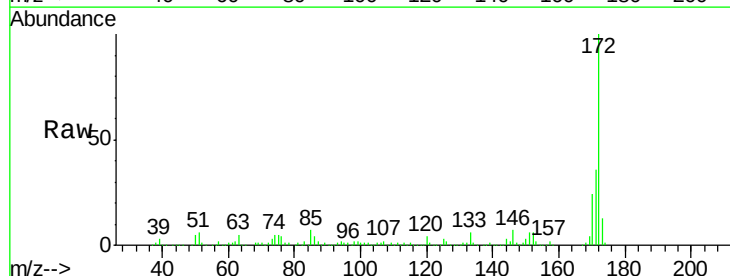
Instrument :
 BNA_F
 ClientSampleId :
 PB90910BL

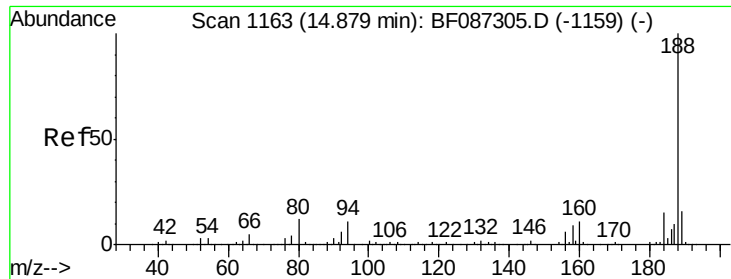
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	79.0	118.4
141	45.9	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 79.77 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF087419.D
 Acq: 26 May 2016 21:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.1	19.8	29.8

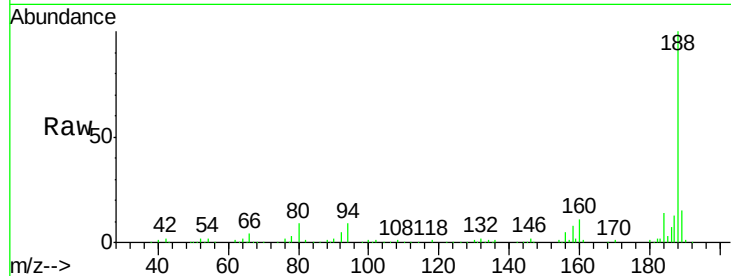




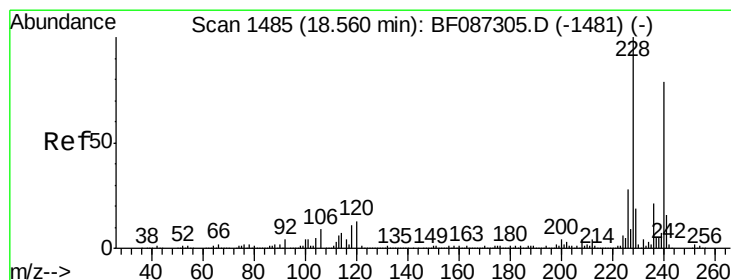
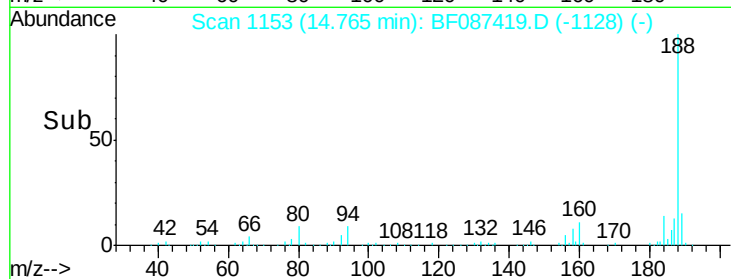
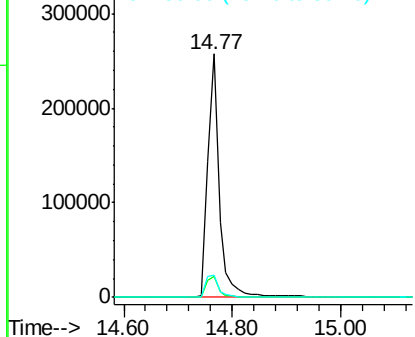
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087419.D
Acq: 26 May 2016 21:17

Instrument :
BNA_F
ClientSampleId :
PB90910BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	9.0	7.1	10.7

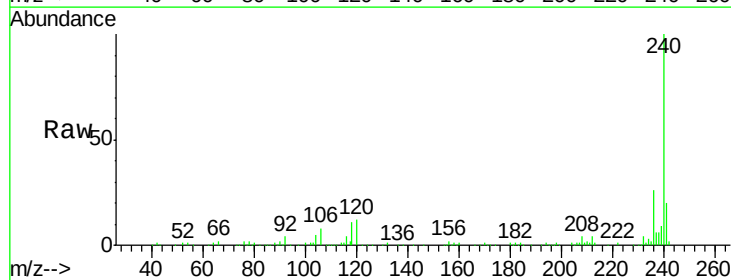


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

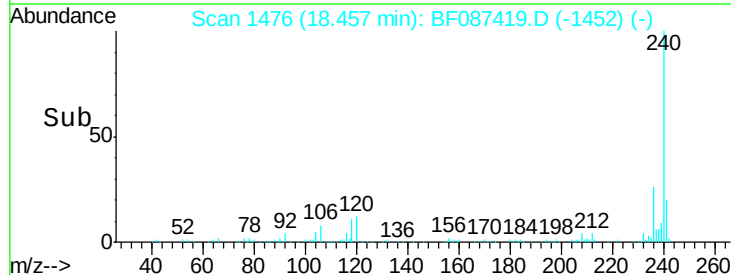
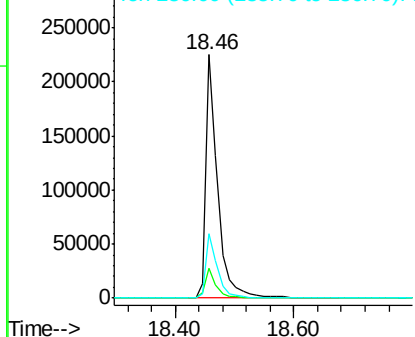


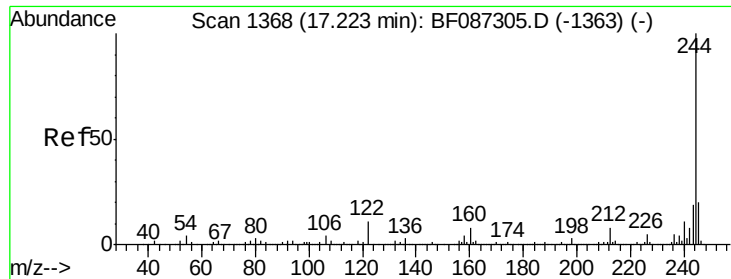
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF087419.D
Acq: 26 May 2016 21:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	11.2	16.8
236	26.4	21.2	31.8



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





#78

Terphenyl-d14

Concen: 76.48 ng

RT: 17.12 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF087419.D

Acq: 26 May 2016 21:17

Instrument :

BNA_F

ClientSampleId :

PB90910BL

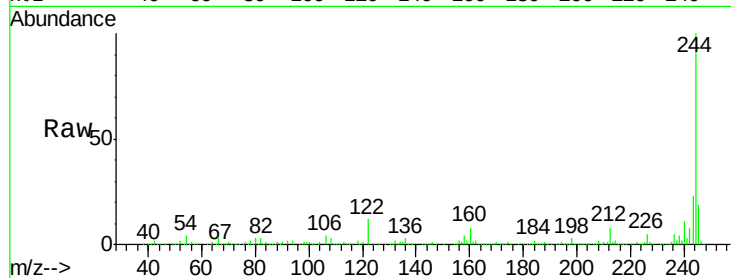
Tot Ion:244 Resp: 1126190

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

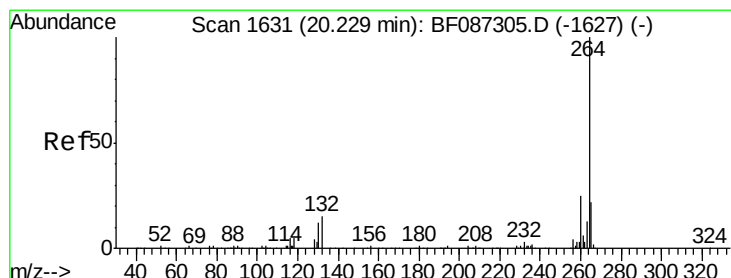
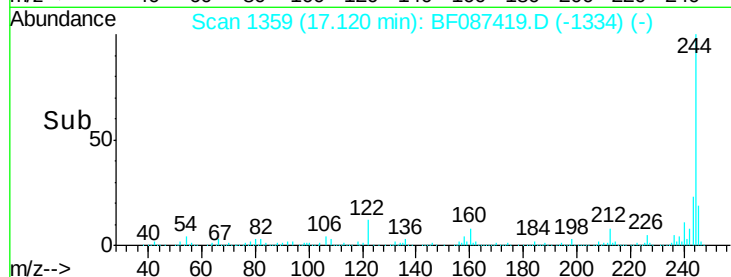
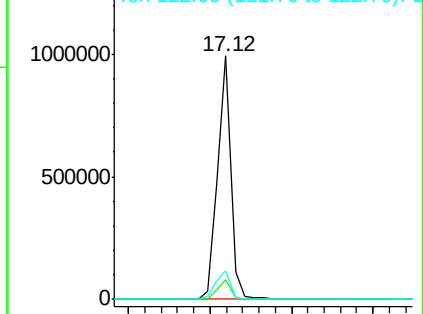
122 11.6 12.0 18.0#



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: 20.00 ng

RT: 20.13 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF087419.D

Acq: 26 May 2016 21:17

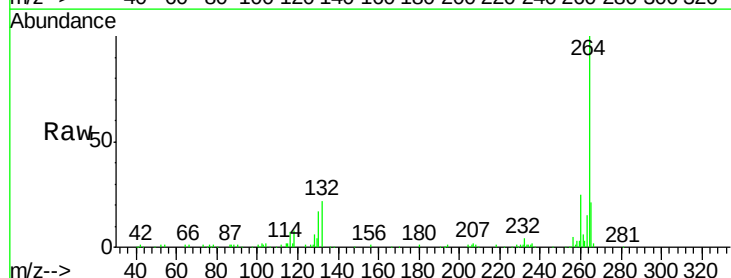
Tgt Ion:264 Resp: 213983

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 21.4 17.3 25.9



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

