

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072116\
 Data File : BF089185.D
 Acq On : 21 Jul 2016 17:43
 Operator : UM/SJ
 Sample : H4129-03 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-10-0.2-2.0

Quant Time: Jul 22 01:10:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

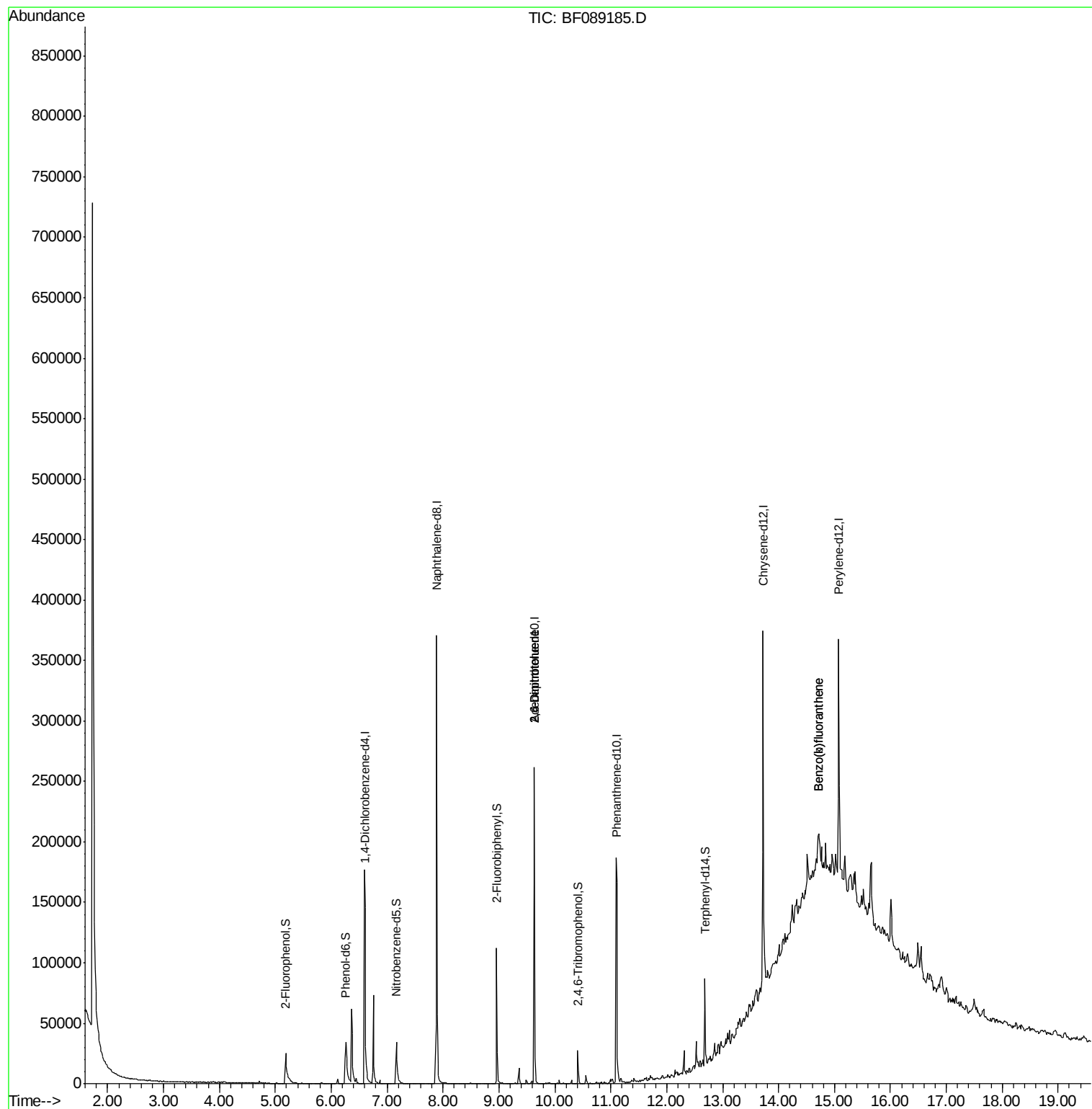
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	45697	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	183610	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	67639	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	106587	20.00	ng	0.00
75) Chrysene-d12	13.73	240	100281	20.00	ng	0.00
86) Perylene-d12	15.07	264	81687	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	24983	8.31	ng	0.00
7) Phenol-d6	6.26	99	35131	9.07	ng	-0.01
23) Nitrobenzene-d5	7.16	82	21636	6.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	3948	6.48	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	39699	8.09	ng	-0.01
78) Terphenyl-d14	12.69	244	25580	5.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	490	Below Cal	#	82
50) 2,6-Dinitrotoluene	9.63	165	8207	7.00 ng	#	28
56) 2,4-Dinitrotoluene	9.63	165	8207	5.44 ng	#	10
87) Benzo(b)fluoranthene	14.71	252	12897	2.18 ng	#	37
88) Benzo(k)fluoranthene	14.71	252	13007	3.07 ng	#	24

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

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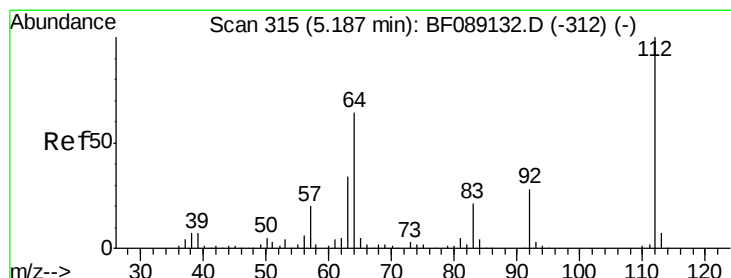
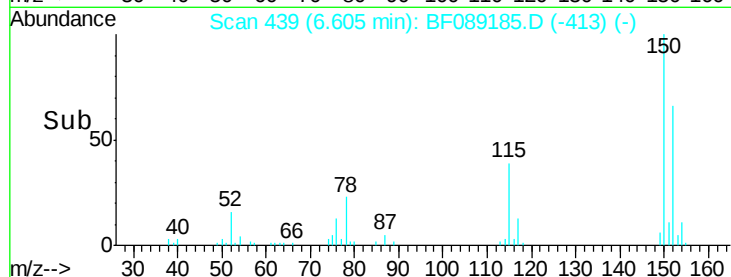
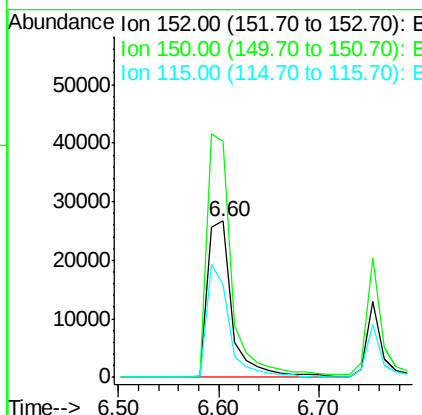
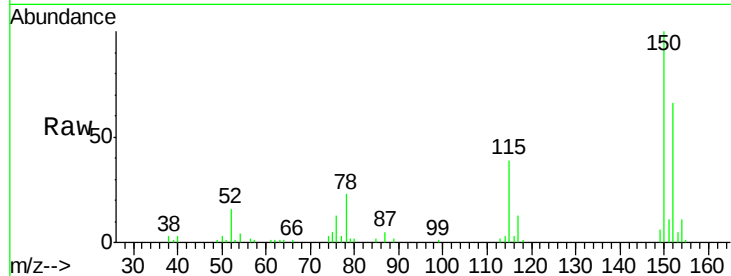




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF089185.D
 Acq: 21 Jul 2016 17:43

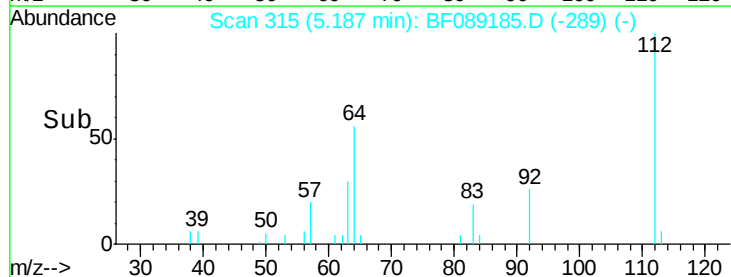
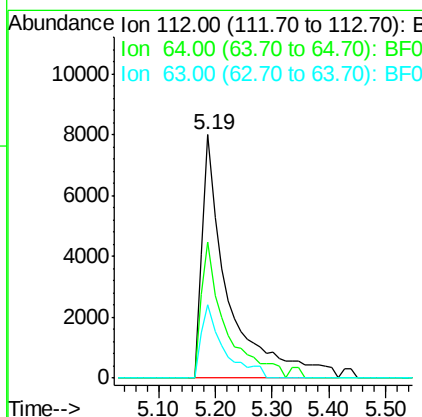
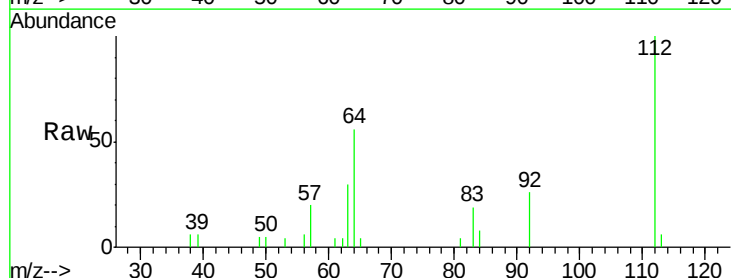
Instrument :
 BNA_F
 ClientSampleId :
 KSB-10-0.2-2.0

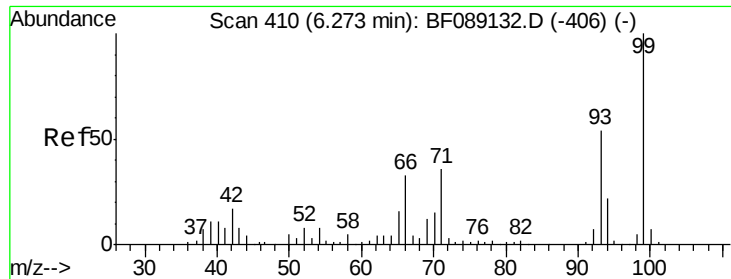
Tgt Ion:152 Resp: 45697
 Ion Ratio Lower Upper
 152 100
 150 151.6 125.1 187.7
 115 59.2 51.1 76.7



#5
 2-Fluorophenol
 Concen: 8.31 ng
 RT: 5.19 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: BF089185.D
 Acq: 21 Jul 2016 17:43

Tgt Ion:112 Resp: 24983
 Ion Ratio Lower Upper
 112 100
 64 56.0 51.0 76.4
 63 30.4 27.3 40.9





#7

Phenol-d6

Concen: 9.07 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089185.D

Acq: 21 Jul 2016 17:43

Instrument :

BNA_F

ClientSampleId :

KSB-10-0.2-2.0

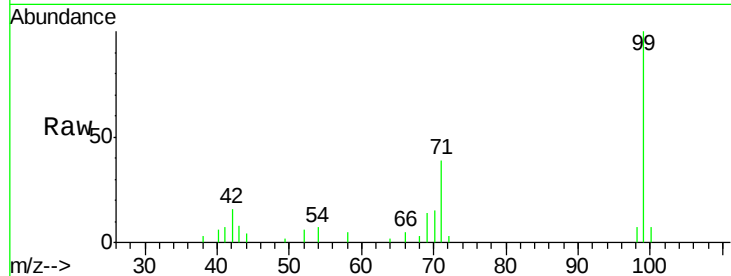
Tgt Ion: 99 Resp: 35131

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

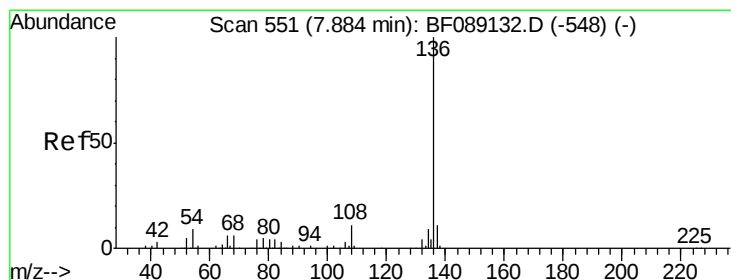
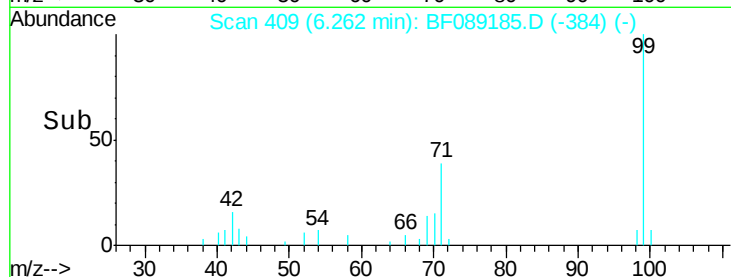
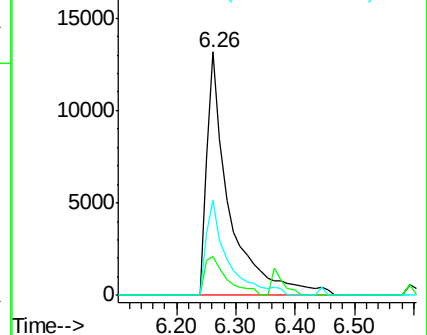
71 38.9 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089185.D

Acq: 21 Jul 2016 17:43

Tgt Ion: 136 Resp: 183610

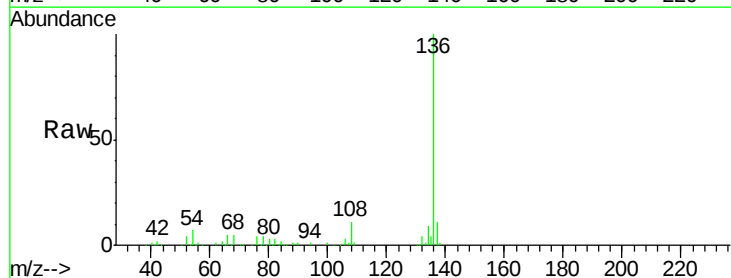
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.8 7.0 10.4#

68 5.4 5.0 7.6

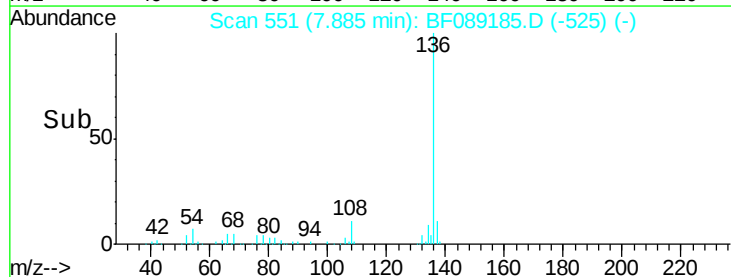
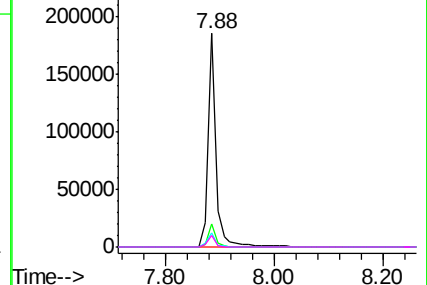


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

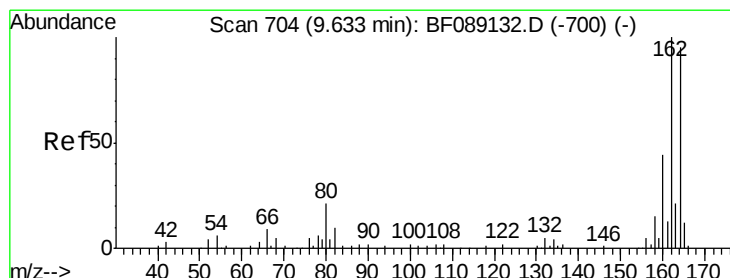
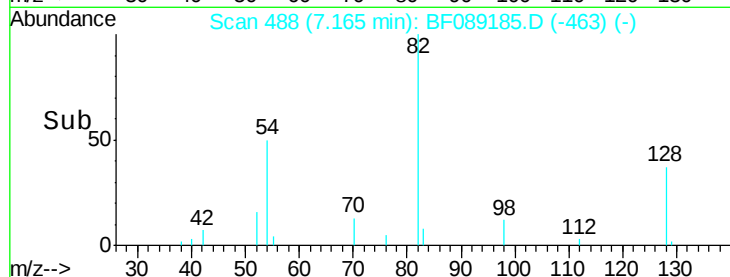
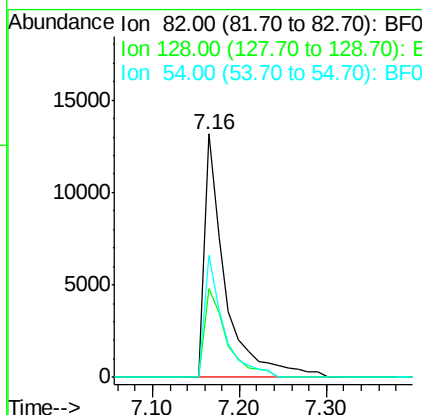
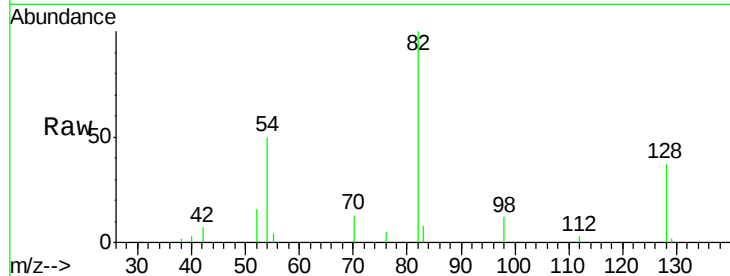




#23
 Nitrobenzene-d5
 Concen: 6.26 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF089185.D
 Acq: 21 Jul 2016 17:43

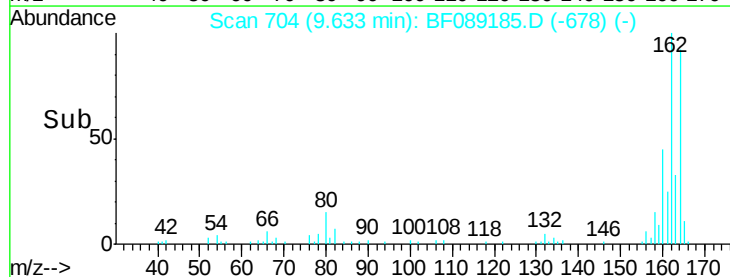
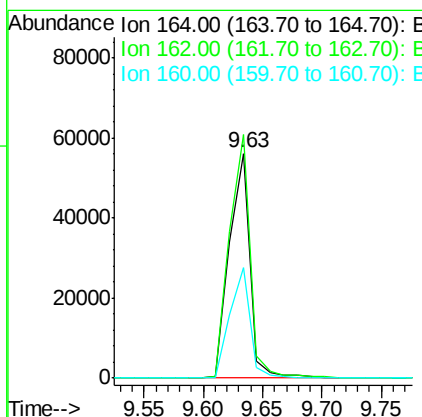
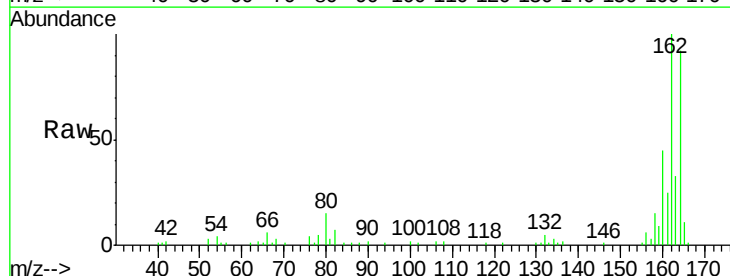
Instrument :
 BNA_F
 ClientSampleId :
 KSB-10-0.2-2.0

Tgt Ion: 82 Resp: 21636
 Ion Ratio Lower Upper
 82 100
 128 36.6 33.0 49.6
 54 50.0 39.0 58.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF089185.D
 Acq: 21 Jul 2016 17:43

Tgt Ion: 164 Resp: 67639
 Ion Ratio Lower Upper
 164 100
 162 108.2 84.1 126.1
 160 48.9 37.1 55.7

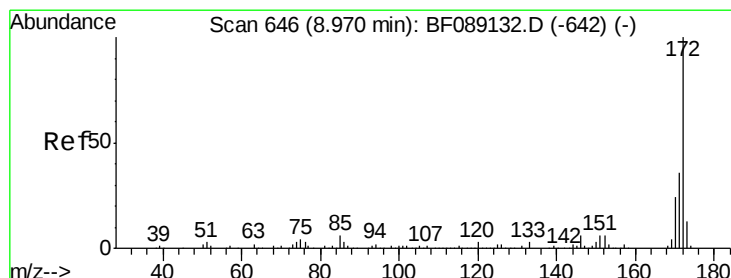
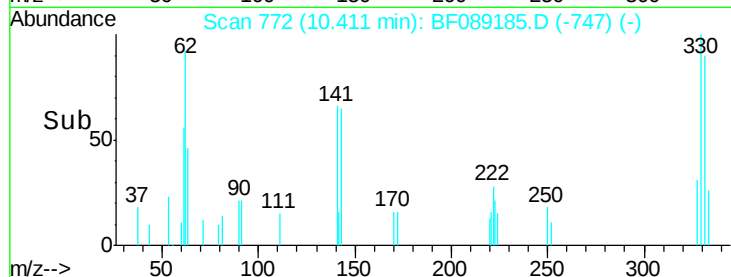
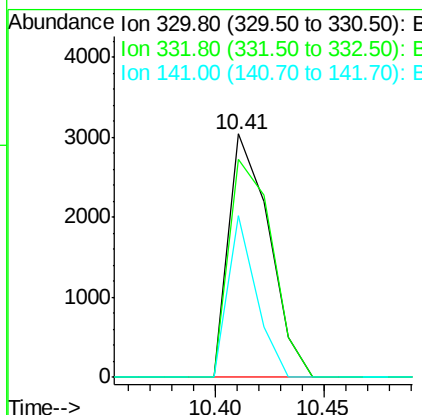
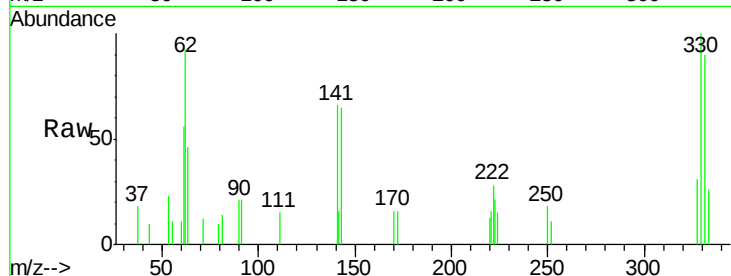




#41
 2,4,6-Tribromophenol
 Concen: 6.48 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF089185.D
 Acq: 21 Jul 2016 17:43

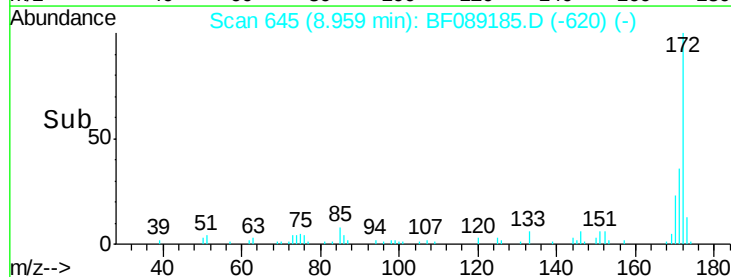
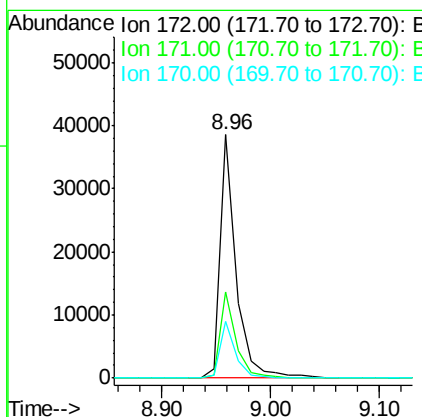
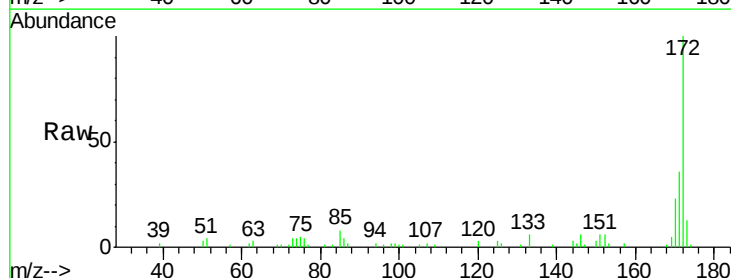
Instrument :
 BNA_F
 ClientSampleId :
 KSB-10-0.2-2.0

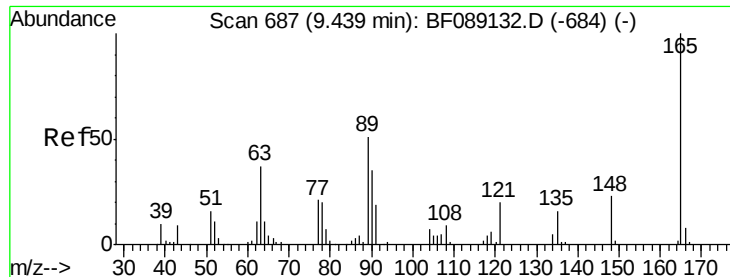
Tgt Ion: 330 Resp: 3948
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.2 115.8
 141 46.1 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 8.09 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089185.D
 Acq: 21 Jul 2016 17:43

Tgt Ion: 172 Resp: 39699
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.2 43.8
 170 23.4 19.1 28.7





#50

2,6-Dinitrotoluene

Concen: 7.00 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.19 min

Lab File: BF089185.D

Acq: 21 Jul 2016 17:43

Instrument :

BNA_F

ClientSampleId :

KSB-10-0.2-2.0

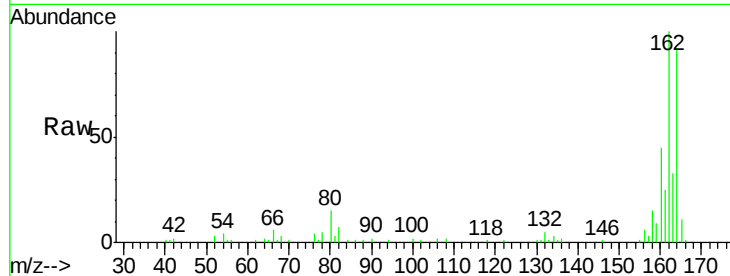
Tgt Ion:165 Resp: 8207

Ion Ratio Lower Upper

165 100

63 0.0 37.0 55.4#

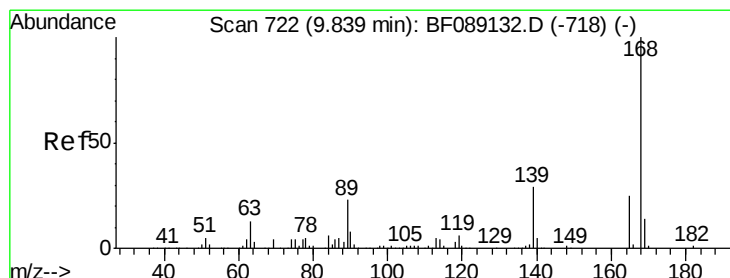
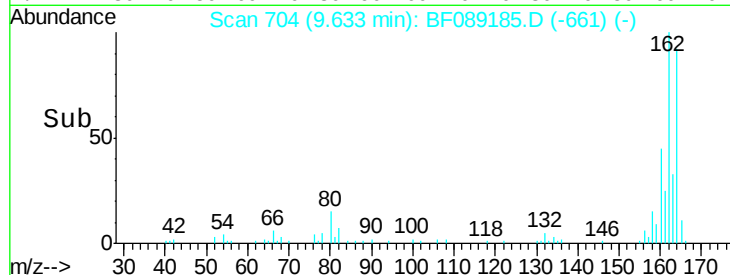
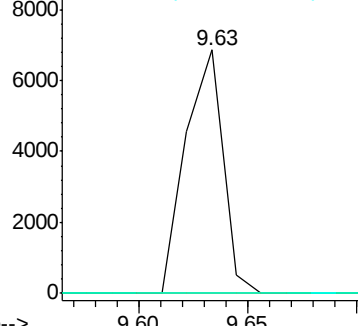
89 0.0 40.9 61.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56

2,4-Dinitrotoluene

Concen: 5.44 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.21 min

Lab File: BF089185.D

Acq: 21 Jul 2016 17:43

Tgt Ion:165 Resp: 8207

Ion Ratio Lower Upper

165 100

63 0.0 55.4 83.2#

89 0.0 74.3 111.5#

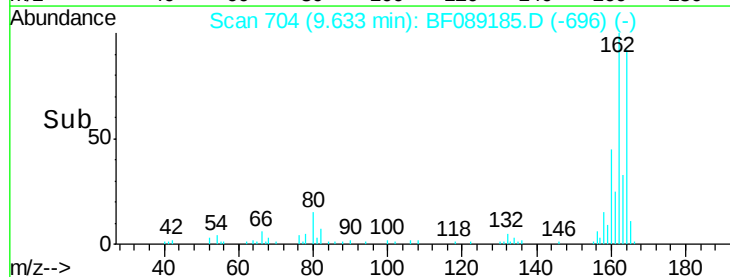
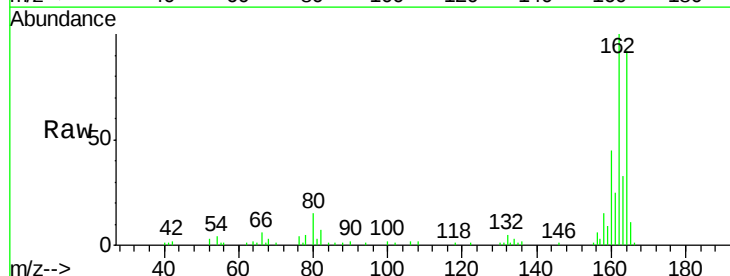
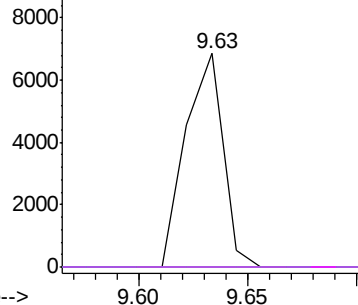
182 0.0 2.0 3.0#

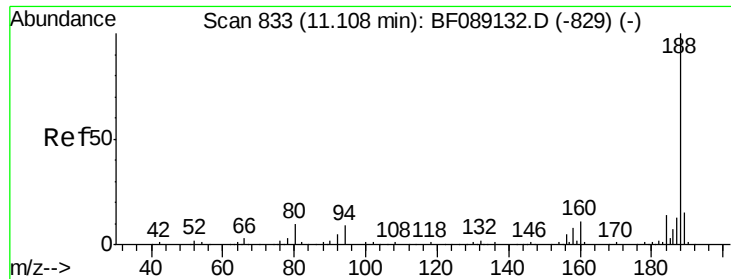
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

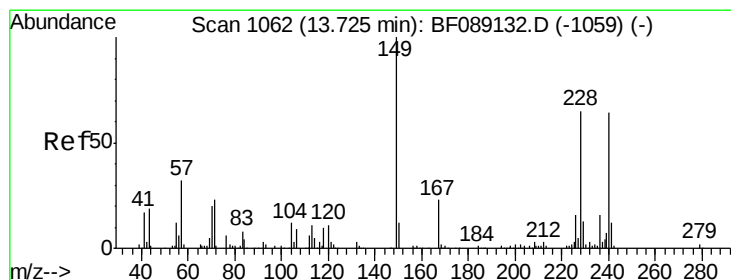
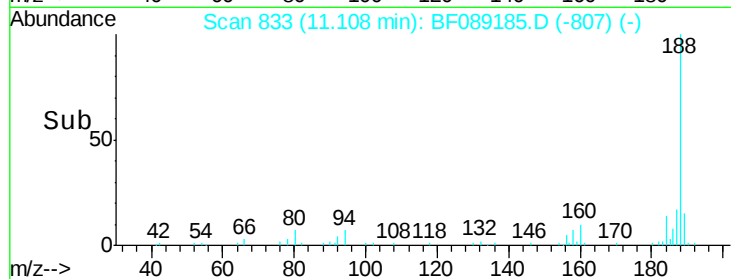
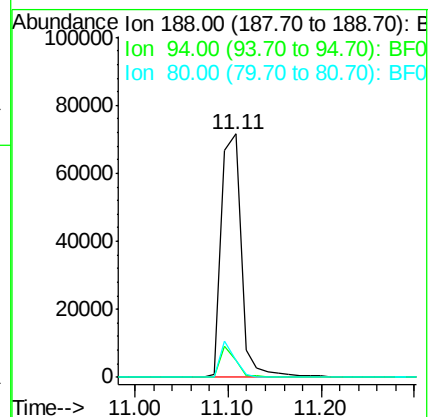
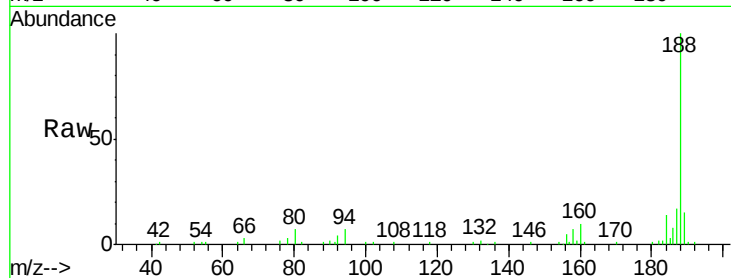




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF089185.D
Acq: 21 Jul 2016 17:43

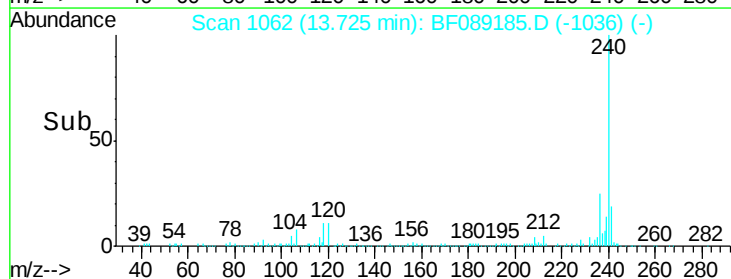
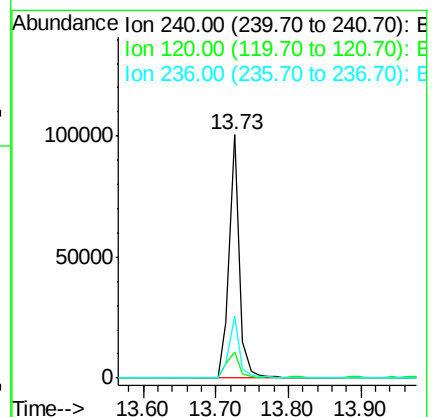
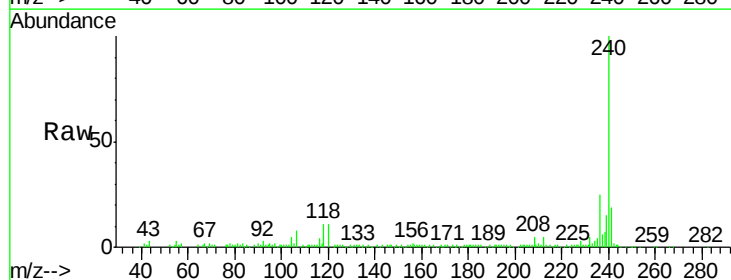
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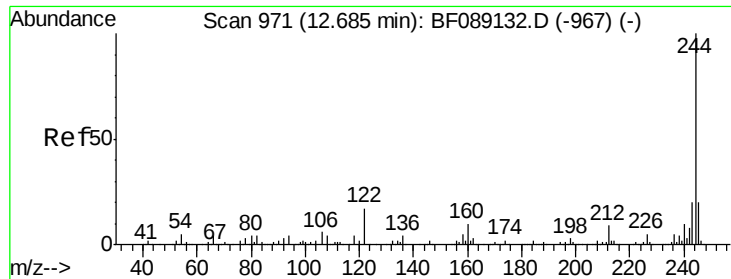
Tgt Ion:188 Resp: 106587
Ion Ratio Lower Upper
188 100
94 6.8 7.0 10.4#
80 7.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BF089185.D
Acq: 21 Jul 2016 17:43

Tgt Ion:240 Resp: 100281
Ion Ratio Lower Upper
240 100
120 10.9 13.6 20.4#
236 25.4 20.5 30.7

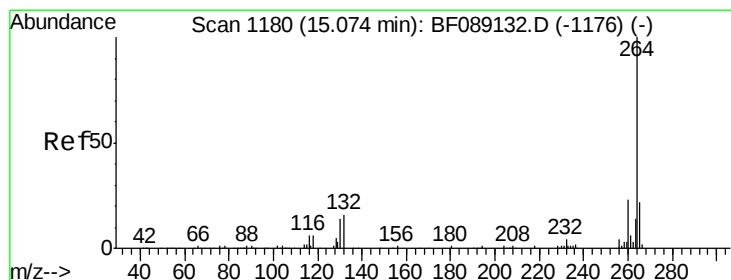
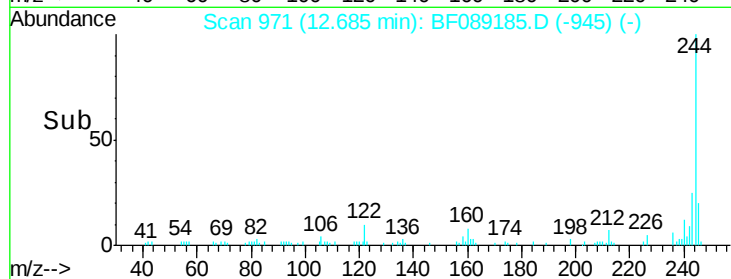
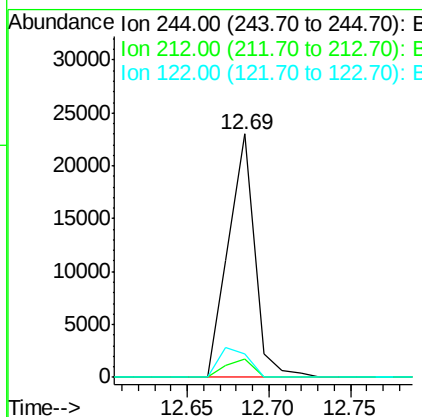
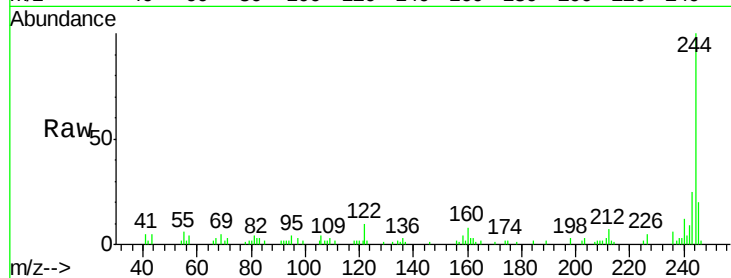




#78
 Terphenyl-d14
 Concen: 5.53 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF089185.D
 Acq: 21 Jul 2016 17:43

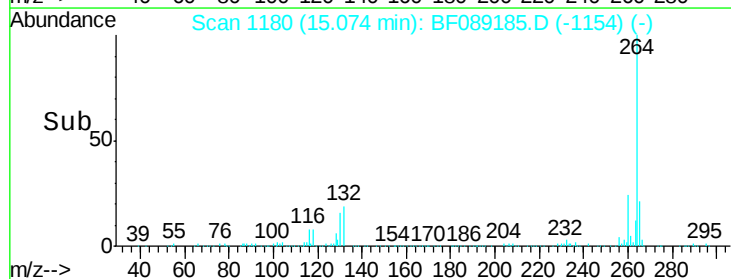
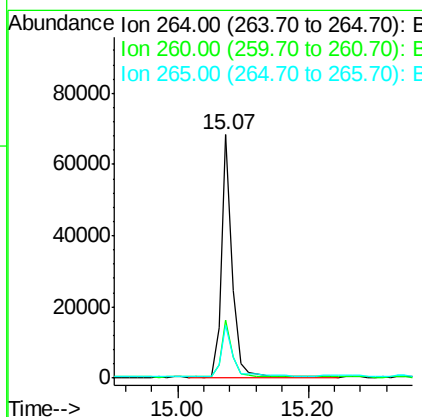
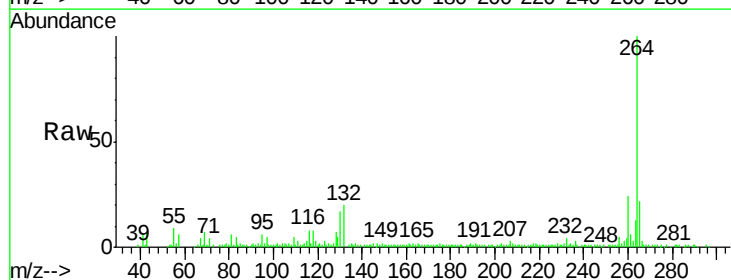
Instrument :
 BNA_F
 ClientSampleId :
 KSB-10-0.2-2.0

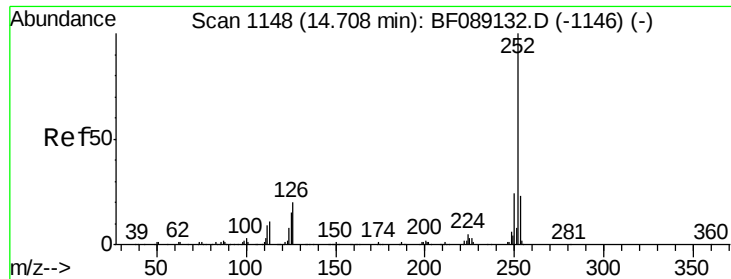
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	7.0	10.4
122	9.8	13.8	20.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF089185.D
 Acq: 21 Jul 2016 17:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	21.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 2.18 ng

RT: 14.71 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF089185.D

Acq: 21 Jul 2016 17:43

Instrument :

BNA_F

ClientSampleId :

KSB-10-0.2-2.0

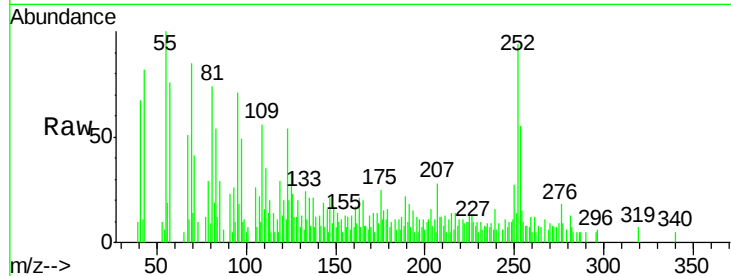
Tgt Ion:252 Resp: 12897

Ion Ratio Lower Upper

252 100

253 57.8 18.2 27.2#

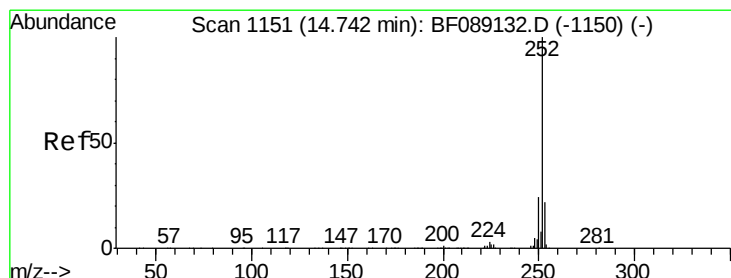
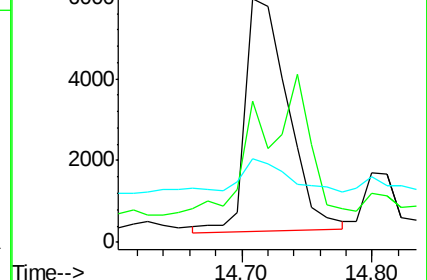
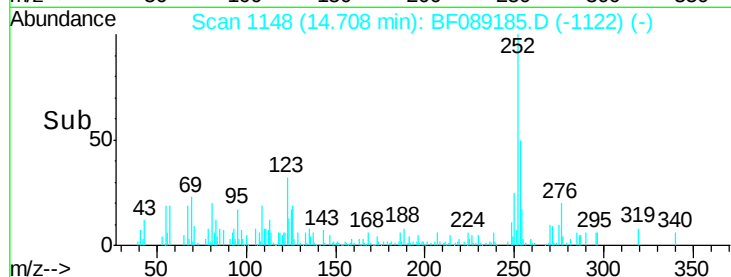
125 34.5 11.9 17.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 3.07 ng

RT: 14.71 min Scan# 1148

Delta R.T. -0.03 min

Lab File: BF089185.D

Acq: 21 Jul 2016 17:43

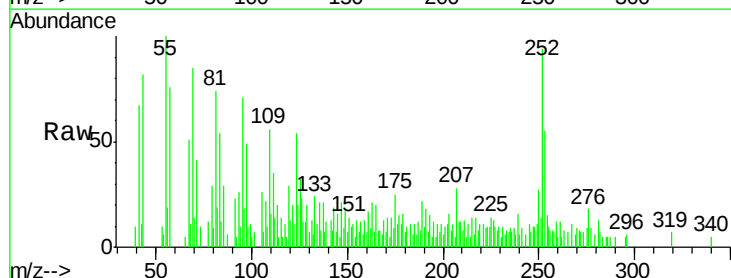
Tgt Ion:252 Resp: 13007

Ion Ratio Lower Upper

252 100

253 57.8 17.3 25.9#

125 34.5 6.3 9.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

