

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
 Data File : BF086483.D
 Acq On : 29 Apr 2016 00:46
 Operator : UM/SJ
 Sample : H2654-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-6(0-6FTBGS)

Manual Integrations
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Quant Time: Apr 29 02:08:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	145592	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	608044	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	249995	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	380543	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	308662	20.00	ng	-0.02
86) Perylene-d12	15.35	264	278362	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	864319	102.40	ng	0.00
7) Phenol-d6	6.43	99	1201463	101.99	ng	-0.01
23) Nitrobenzene-d5	7.36	82	800062	70.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	193492	73.39	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1075971	72.94	ng	-0.02
78) Terphenyl-d14	12.89	244	698050	49.82	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	231136	12.28	ng	99
70) Phenanthrene	11.33	178	81542	4.08	ng	97
74) Fluoranthene	12.51	202	138634	6.88	ng	98
77) Pyrene	12.74	202	128821	5.79	ng	98
80) Benzo(a)anthracene	13.93	228	74142	4.51	ng	99
82) Chrysene	13.96	228	56463	3.16	ng	97
85) Indeno(1,2,3-cd)pyrene	16.68	276	29137	2.20	ng	97
87) Benzo(b)fluoranthene	14.95	252	65563m	4.00	ng	
88) Benzo(k)fluoranthene	14.96	252	34885m	2.04	ng	
89) Benzo(a)pyrene	15.28	252	50092	3.24	ng	# 88

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

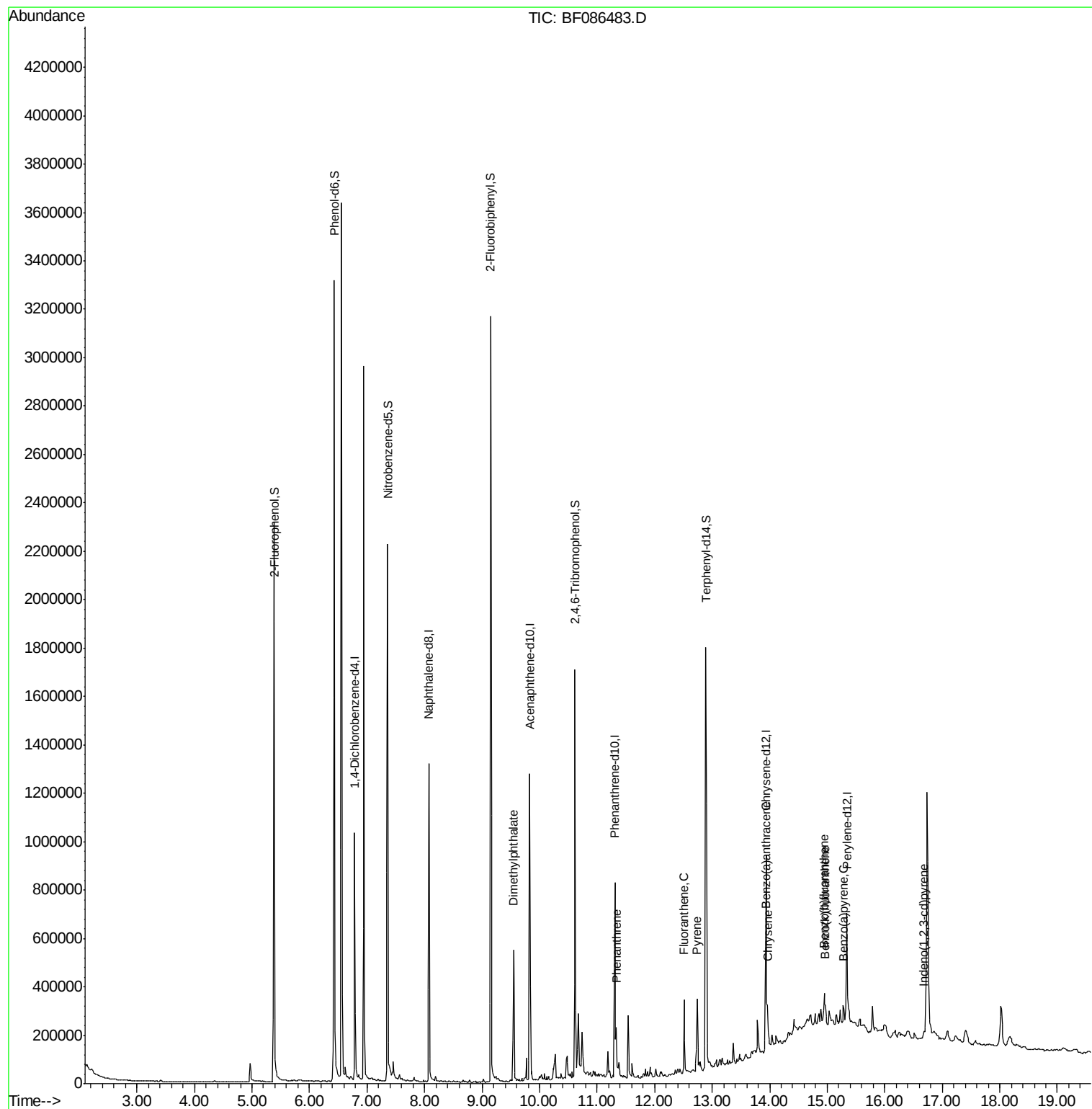
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
Data File : BF086483.D
Acq On : 29 Apr 2016 00:46
Operator : UM/SJ
Sample : H2654-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

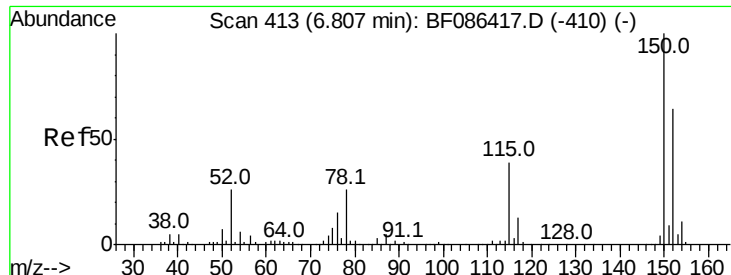
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-6(0-6FTBGS)

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
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QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF086483.D

Acq: 29 Apr 2016 00:46

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-6(0-6FTBGS)

Tot Ion:152 Resp: 145592

Ion Ratio Lower Upper

152 100

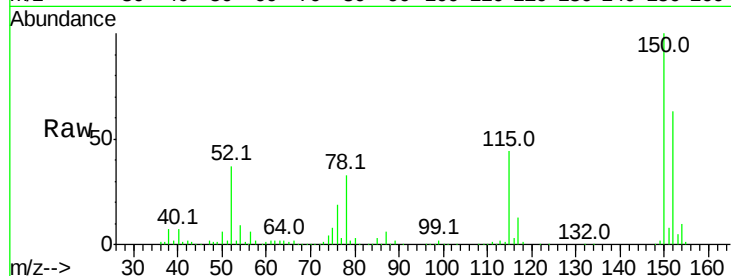
150 159.6 125.8 188.6

115 69.9 51.5 77.3

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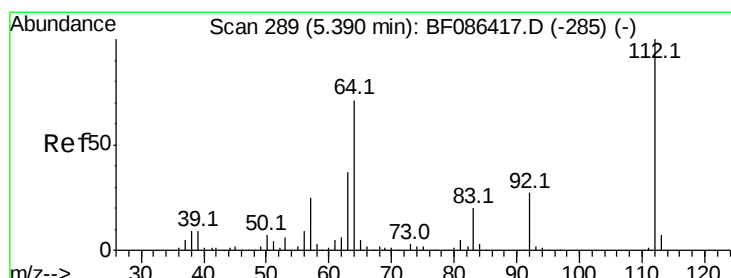
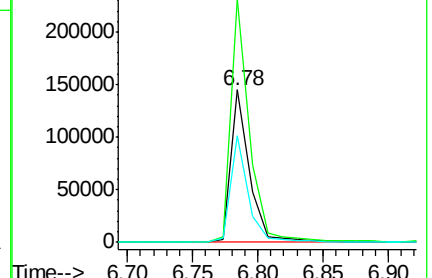
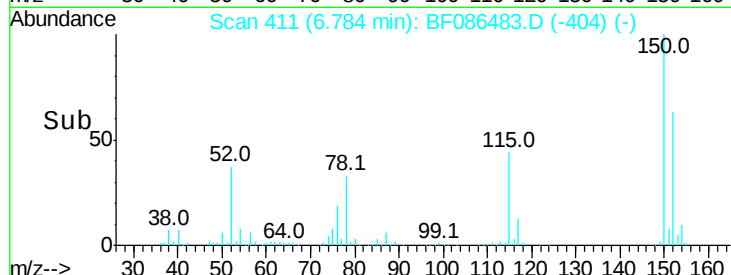
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 102.40 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF086483.D

Acq: 29 Apr 2016 00:46

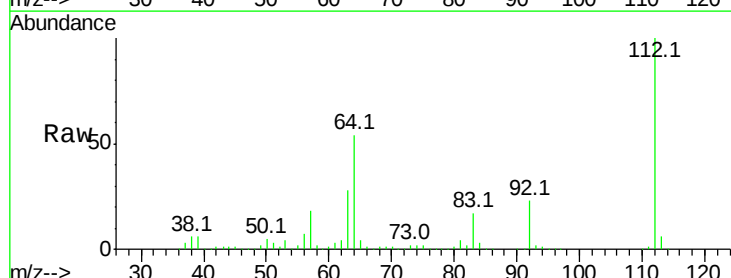
Tgt Ion:112 Resp: 864319

Ion Ratio Lower Upper

112 100

64 54.2 52.1 78.1

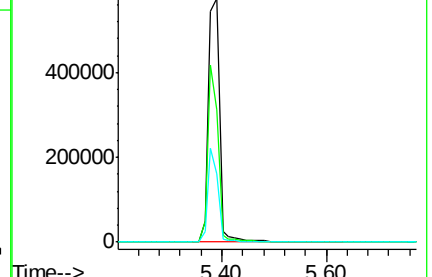
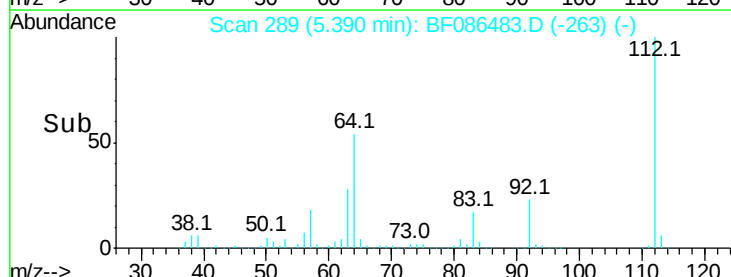
63 28.2 25.7 38.5



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: 101.99 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086483.D

Acq: 29 Apr 2016 00:46

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-6(0-6FTBGS)

Tot Ion: 99 Resp: 1201463

Ion Ratio Lower Upper

99 100

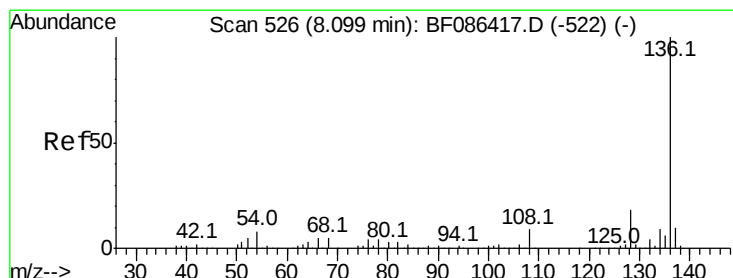
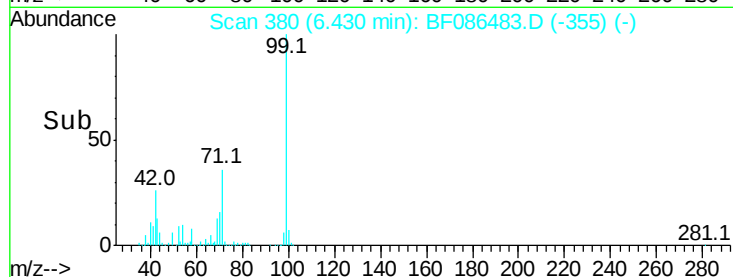
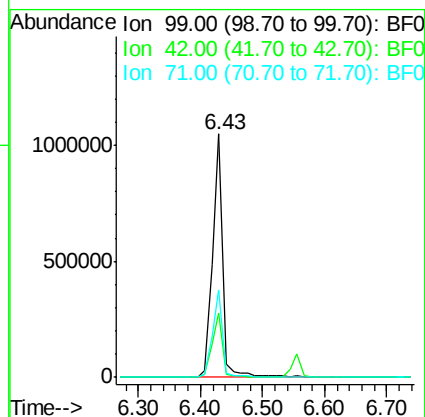
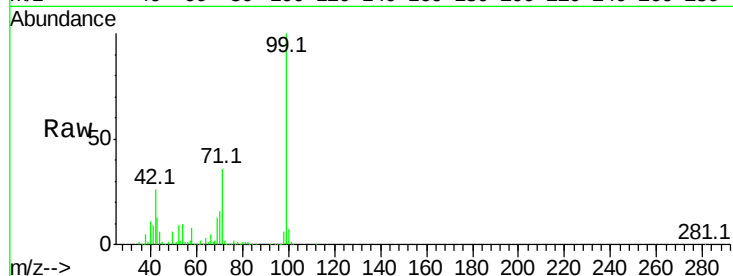
42 26.4 13.6 20.4#

71 35.7 24.6 36.8

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF086483.D

Acq: 29 Apr 2016 00:46

Tgt Ion: 136 Resp: 608044

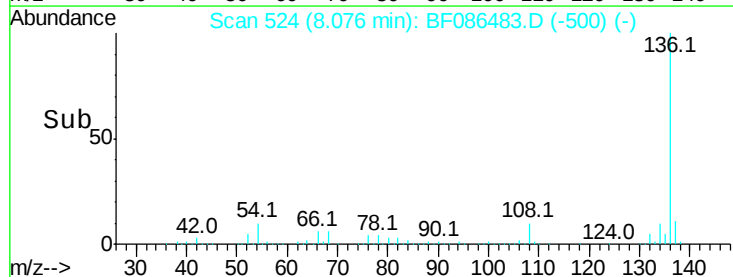
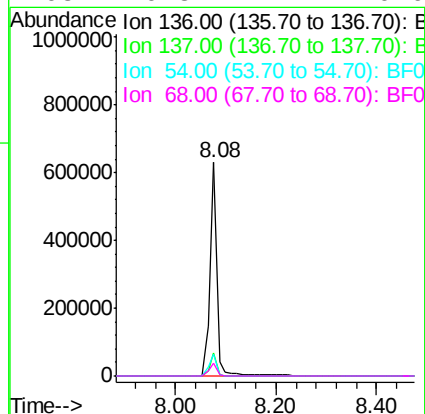
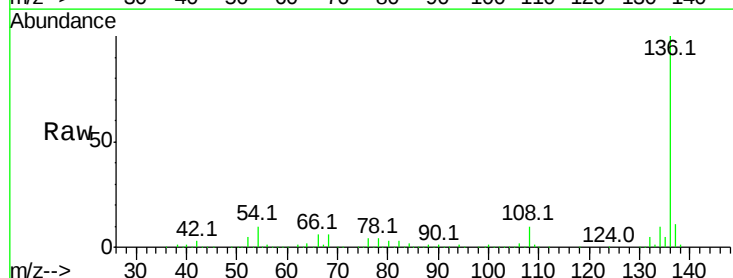
Ion Ratio Lower Upper

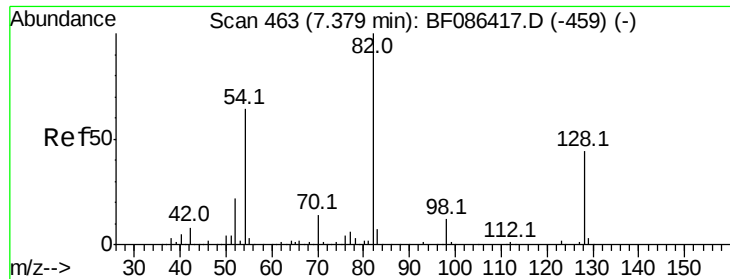
136 100

137 10.9 8.8 13.2

54 10.3 5.0 7.4#

68 6.3 4.4 6.6





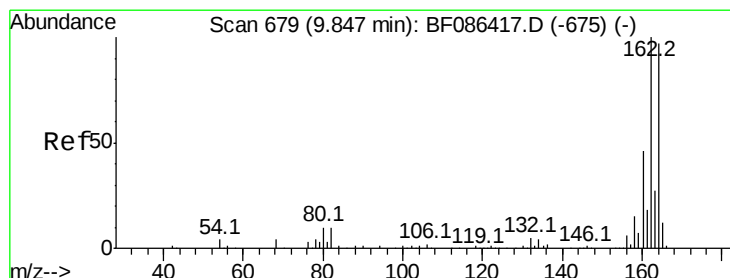
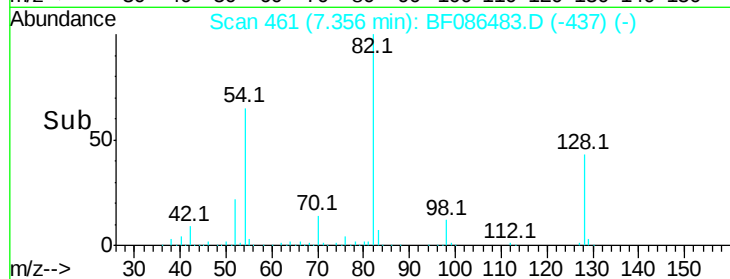
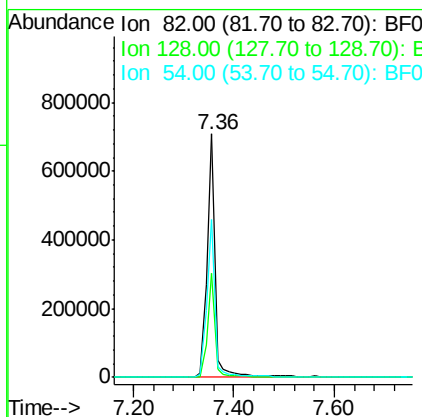
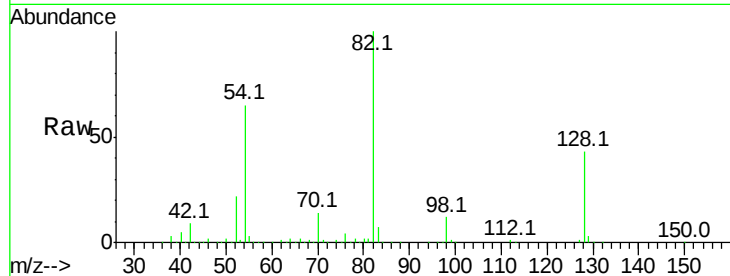
#23
 Nitrobenzene-d5
 Concen: 70.92 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF086483.D
 Acq: 29 Apr 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-6(0-6FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.8	40.6	61.0	
54	64.8	38.1	57.1	

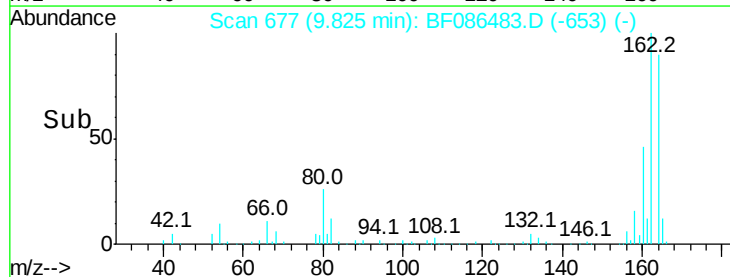
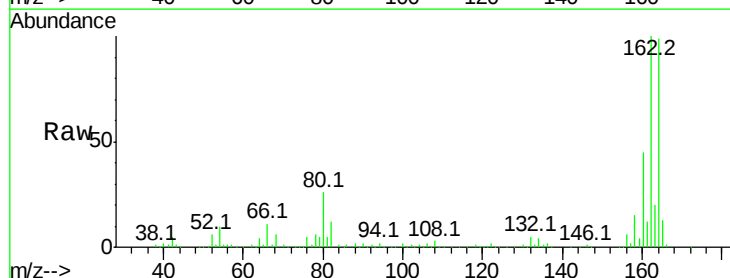
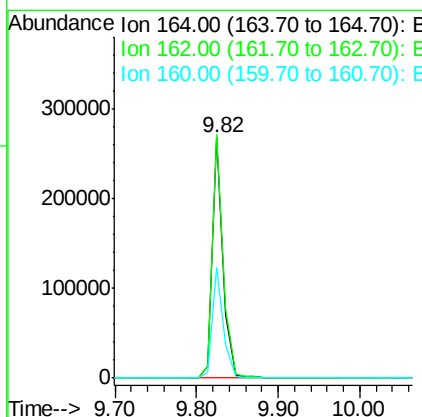
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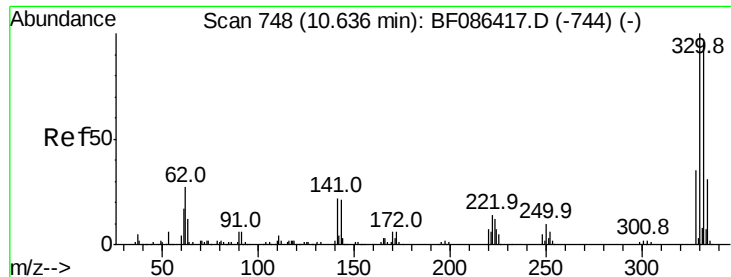
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF086483.D
 Acq: 29 Apr 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	82.8	124.2	
160	45.7	36.9	55.3	





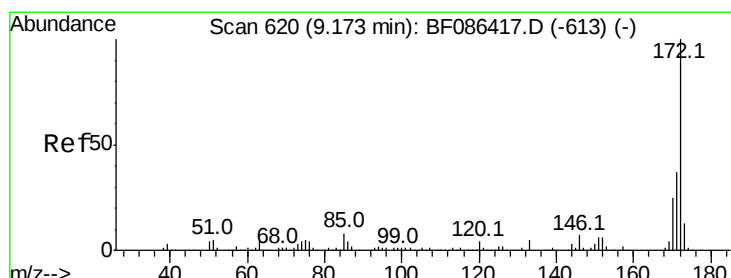
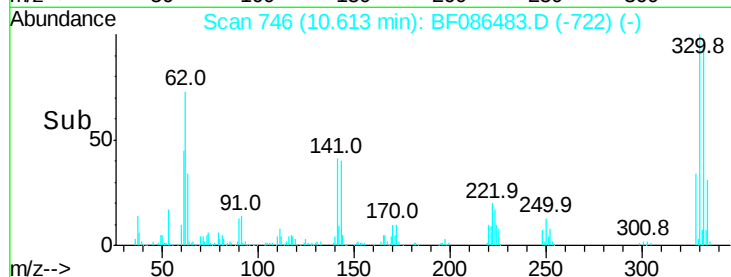
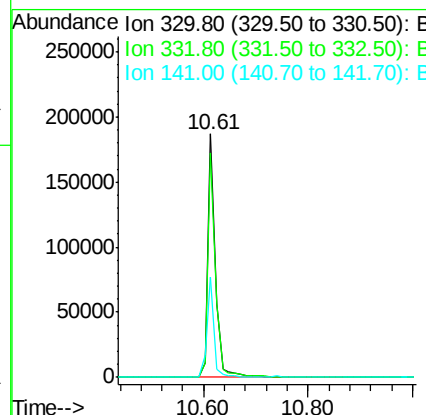
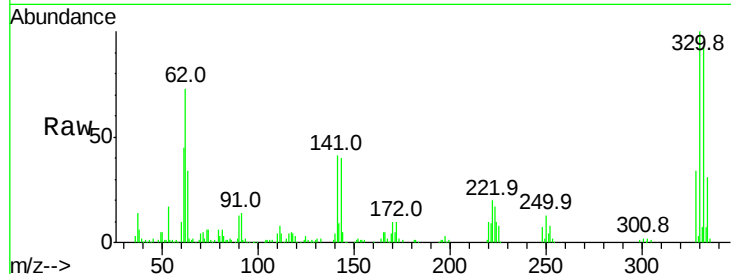
#41
 2,4,6-Tribromophenol
 Concen: 73.39 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF086483.D
 Acq: 29 Apr 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-6(0-6FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	193492		
332	93.8	79.0	118.4	
141	38.6	31.2	46.8	

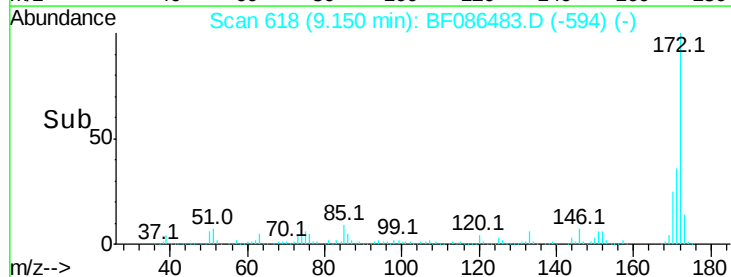
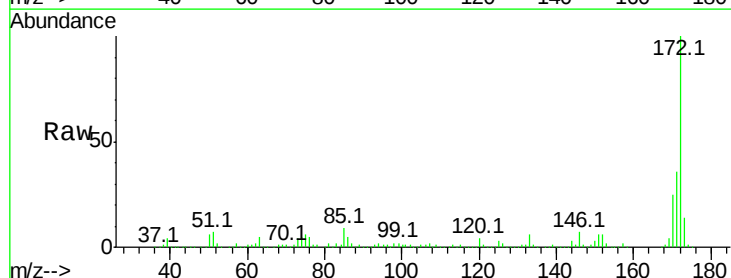
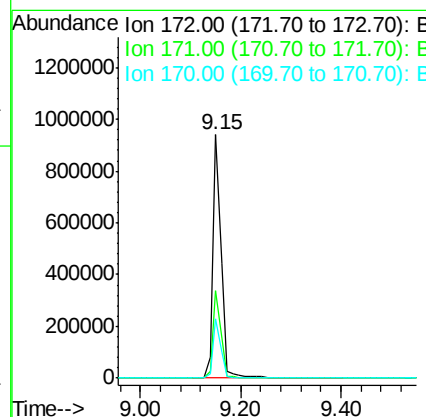
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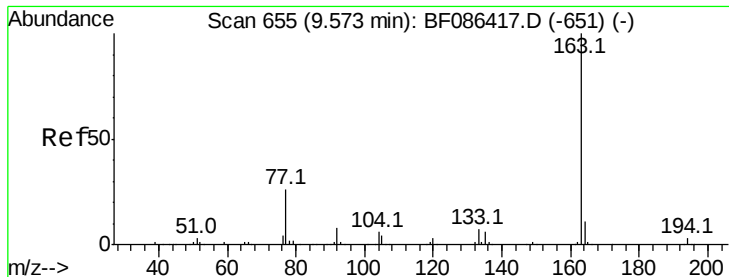
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#44
 2-Fluorobiphenyl
 Concen: 72.94 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF086483.D
 Acq: 29 Apr 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1075971		
171	36.0	29.0	43.6	
170	24.5	19.8	29.8	





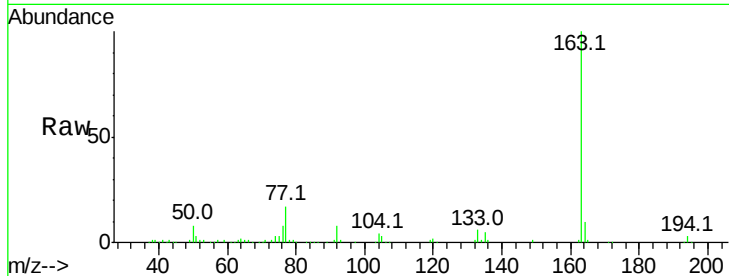
#49
Dimethylphthalate
Concen: 12.28 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF086483.D
Acq: 29 Apr 2016 00:46

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-6(0-6FTBGS)

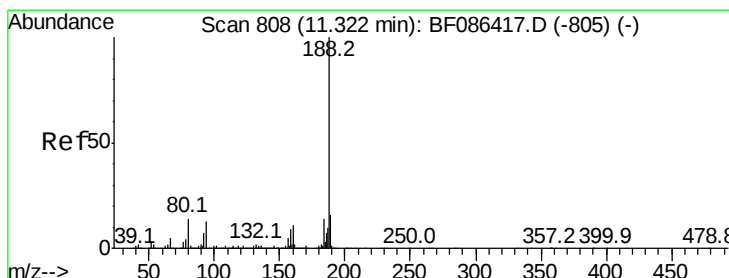
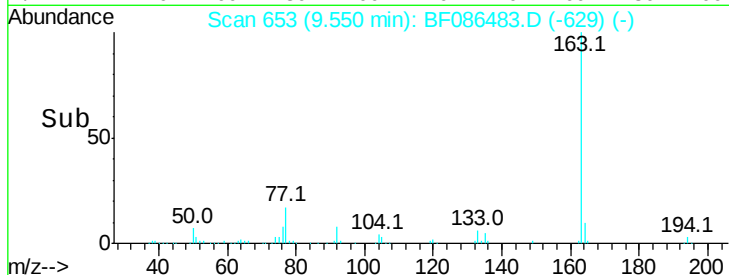
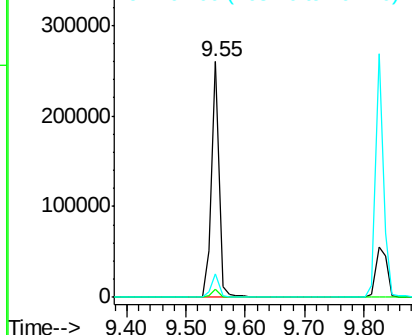
Tot Ion	Ratio	Resp	Lower	Upper
163	100	231136		
194	3.5	2.6	4.0	
164	10.0	8.2	12.4	

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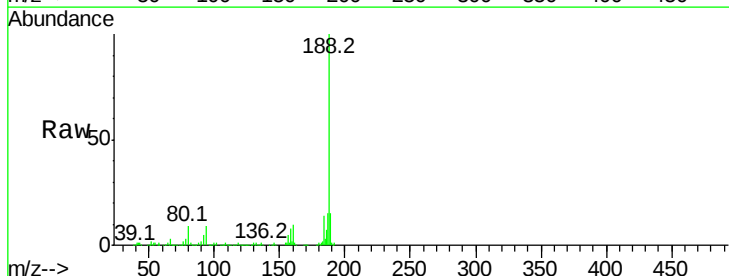


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

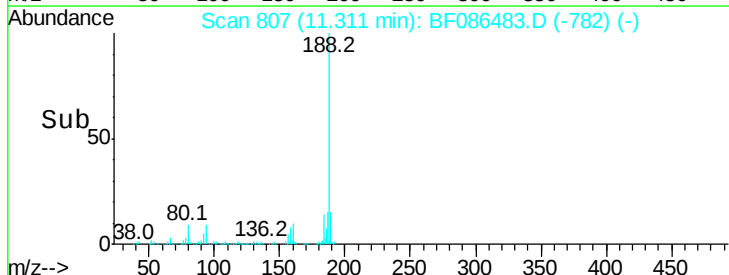
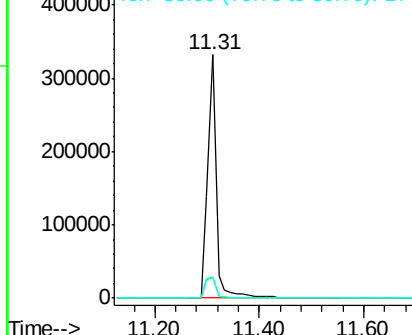


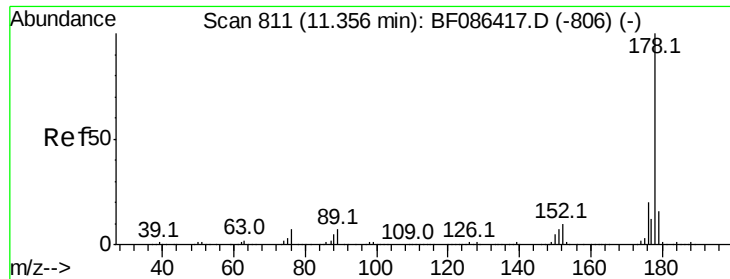
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF086483.D
Acq: 29 Apr 2016 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	380543		
94	8.5	6.8	10.2	
80	8.6	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





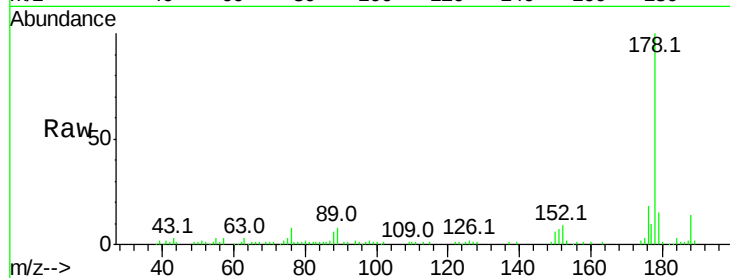
#70
Phenanthrene
Concen: 4.08 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF086483.D
Acq: 29 Apr 2016 00:46

Instrument :
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26WARD-2A-CS-6(0-6FTBGS)

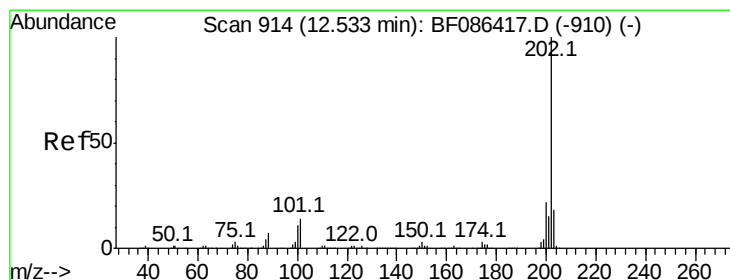
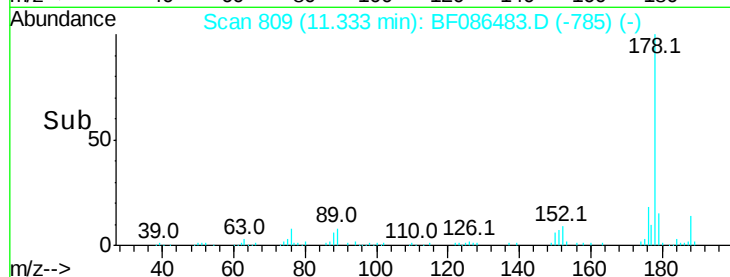
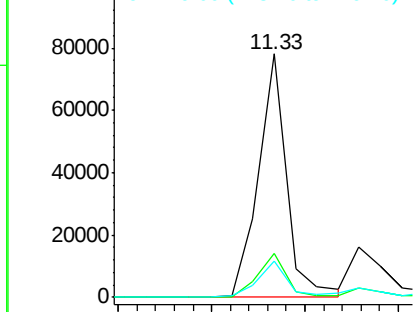
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.0	24.0
179	14.9	12.6	18.8

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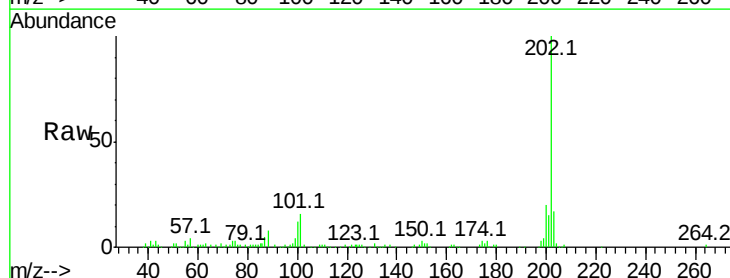


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

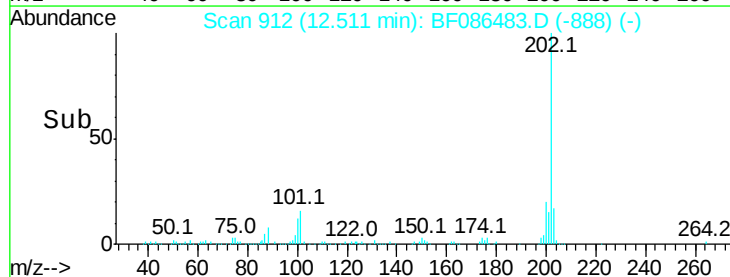
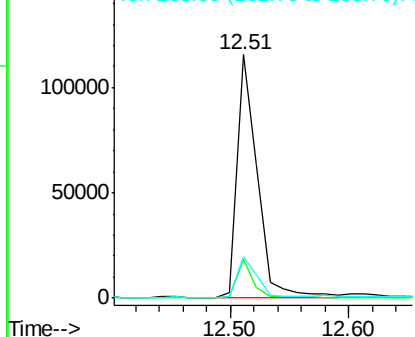


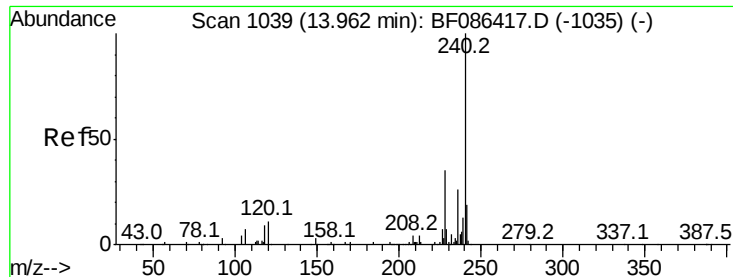
#74
Fluoranthene
Concen: 6.88 ng
RT: 12.51 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF086483.D
Acq: 29 Apr 2016 00:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.9	0.0	35.4
203	17.2	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF086483.D

Acq: 29 Apr 2016 00:46

Instrument :

BNA_F

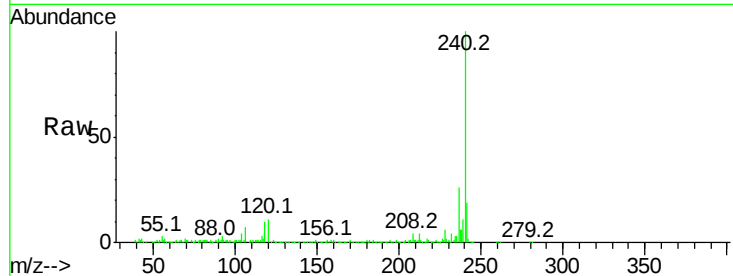
ClientSampleId :

26WARD-2A-CS-6(0-6FTBGS)

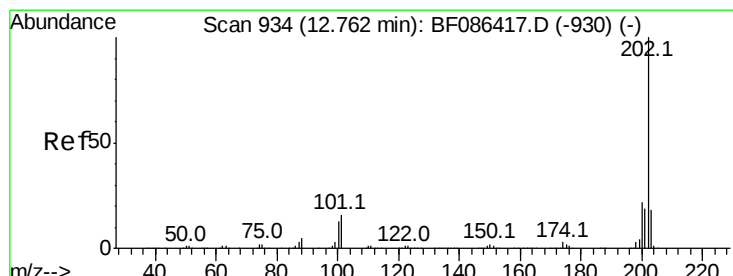
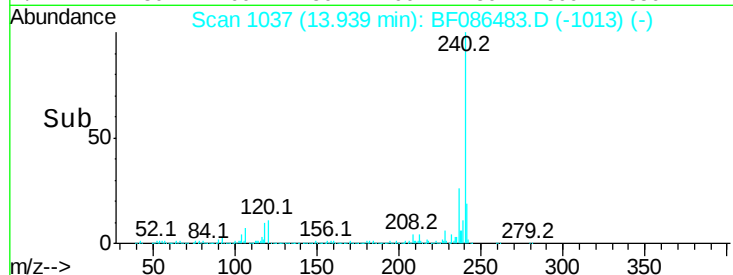
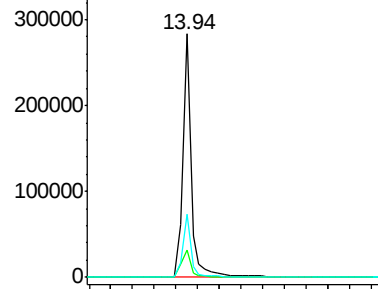
Tot Ion:	240	Resp:	308662
Ion Ratio	Lower	Upper	
240	100		
120	11.2	11.2	16.8
236	25.7	21.2	31.8

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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



#77

Pyrene

Concen: 5.79 ng

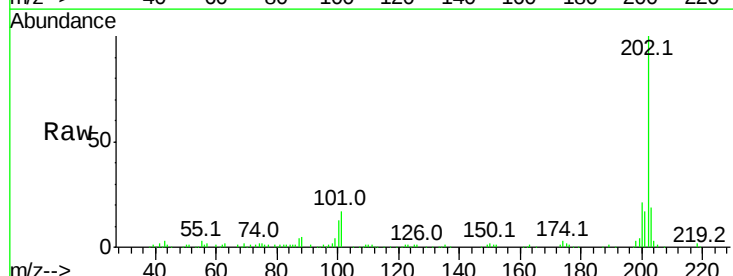
RT: 12.74 min Scan# 932

Delta R.T. -0.02 min

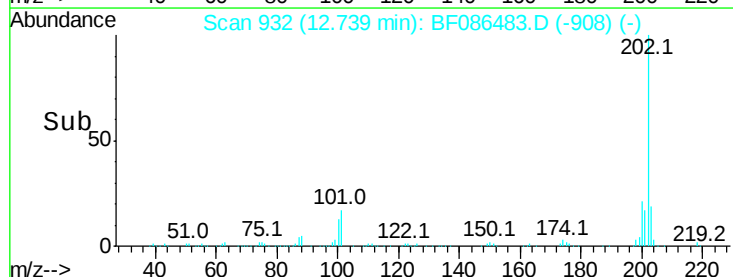
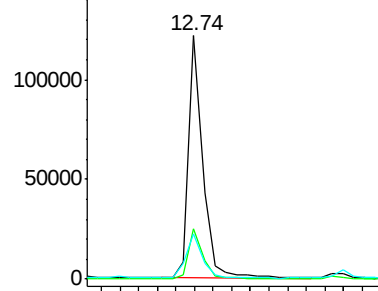
Lab File: BF086483.D

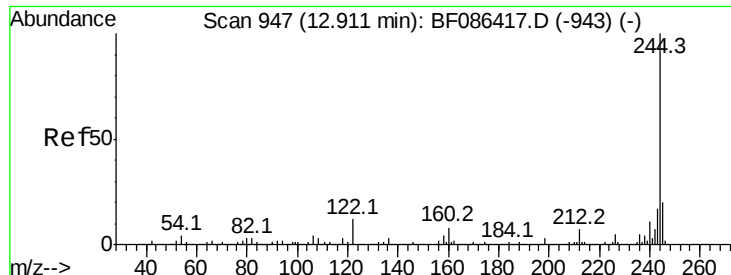
Acq: 29 Apr 2016 00:46

Tgt Ion:	202	Resp:	128821
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.7	26.5
203	18.6	14.2	21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





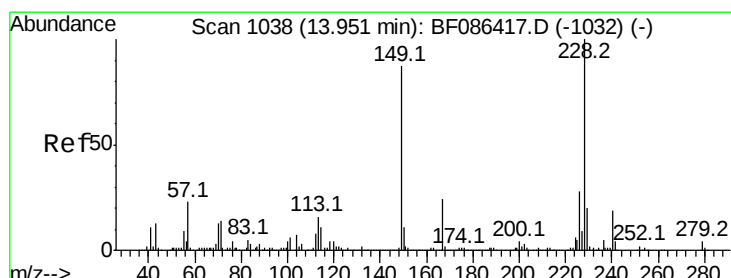
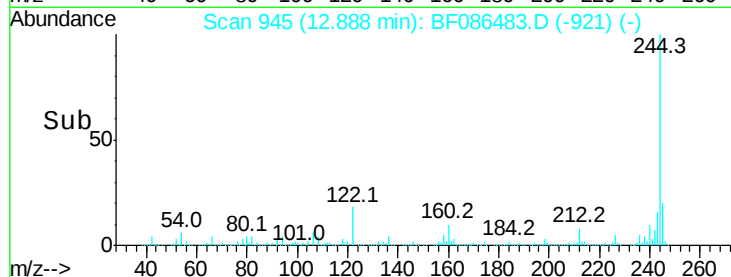
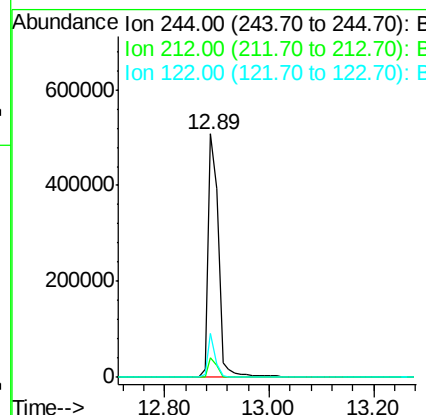
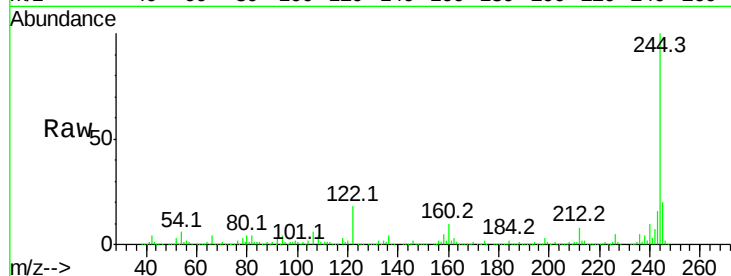
#78
 Terphenyl-d14
 Concen: 49.82 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.02 min
 Lab File: BF086483.D
 Acq: 29 Apr 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-6(0-6FTBGS)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	17.9	12.0	18.0

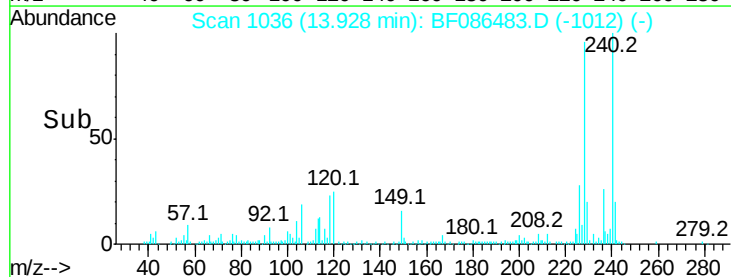
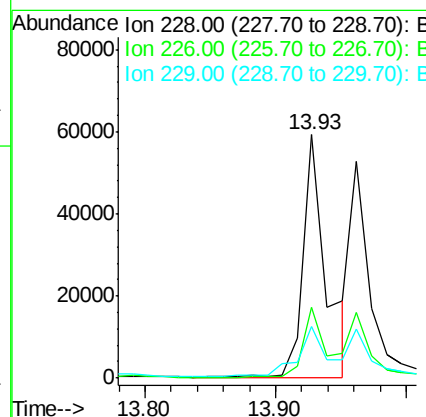
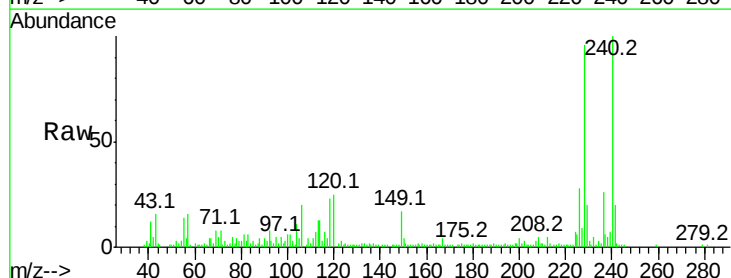
Manual Integrations
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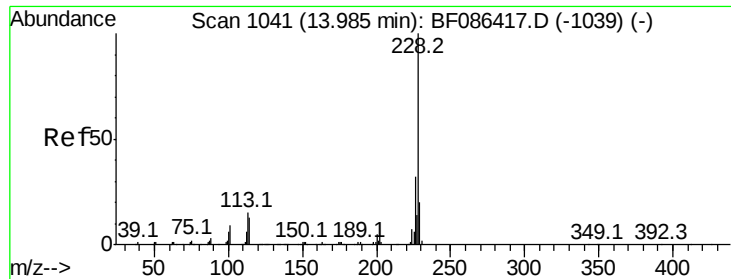
sohil
 4/29/2016 4:52:53 PM



#80
 Benzo(a)anthracene
 Concen: 4.51 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.02 min
 Lab File: BF086483.D
 Acq: 29 Apr 2016 00:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.5	33.7
229	21.1	16.6	25.0





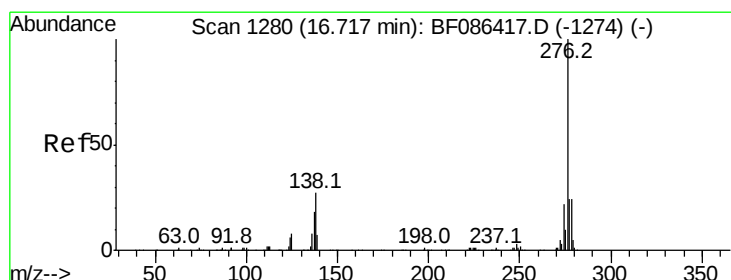
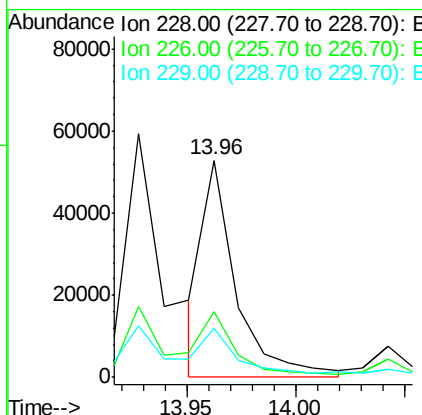
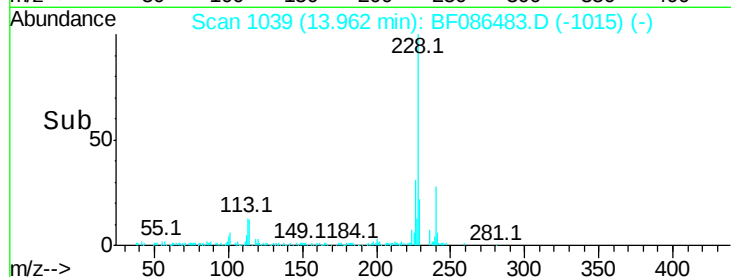
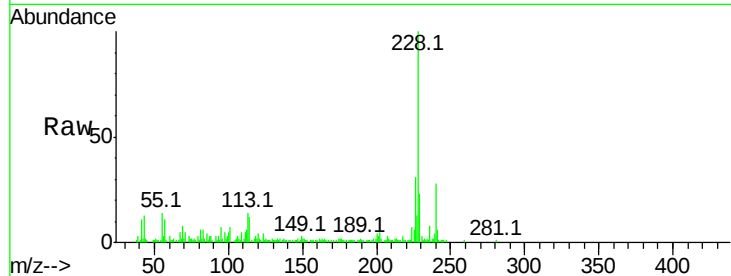
#82
Chrysene
Concen: 3.16 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BF086483.D
Acq: 29 Apr 2016 00:46

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-6(0-6FTBGS)

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	22.9	15.8	23.8

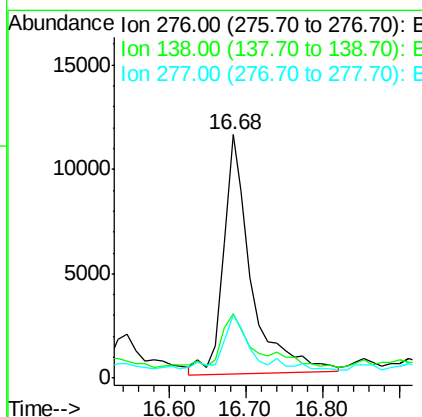
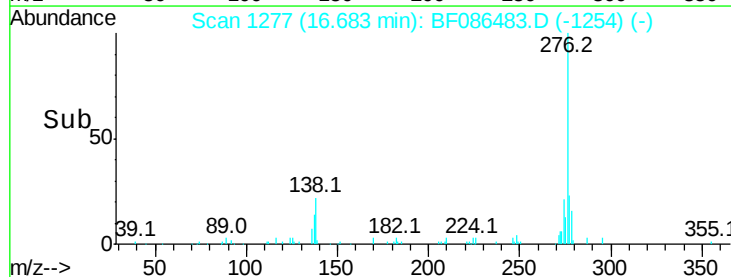
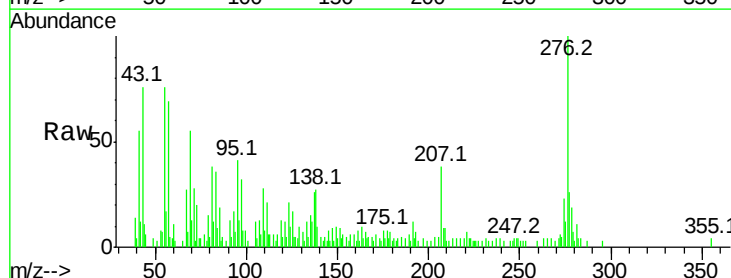
Manual Integrations
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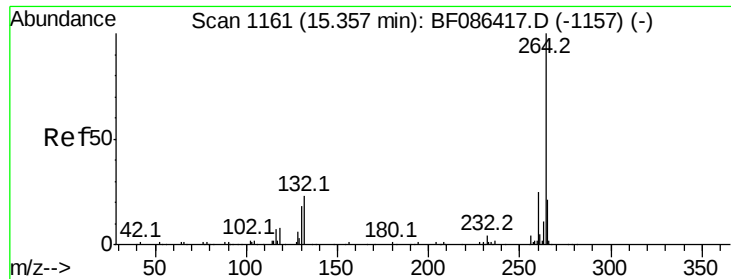
sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.20 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BF086483.D
Acq: 29 Apr 2016 00:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	25.6	38.4
277	25.5	20.5	30.7





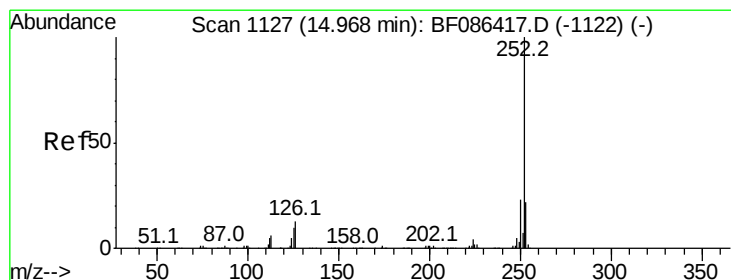
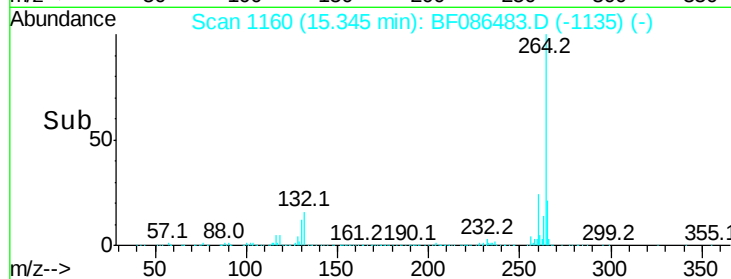
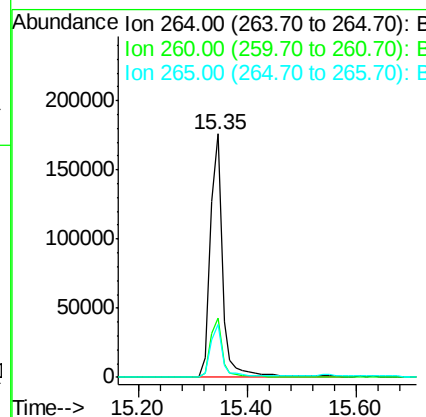
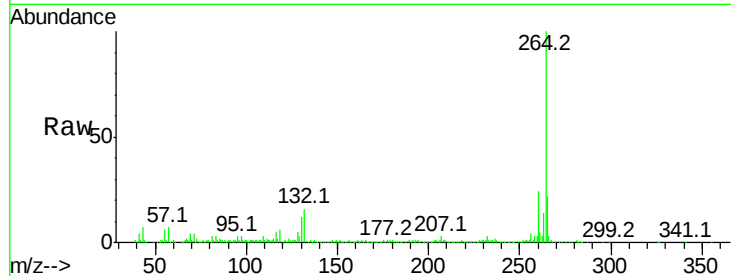
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF086483.D
Acq: 29 Apr 2016 00:46

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-6(0-6FTBGS)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.5	17.3	25.9

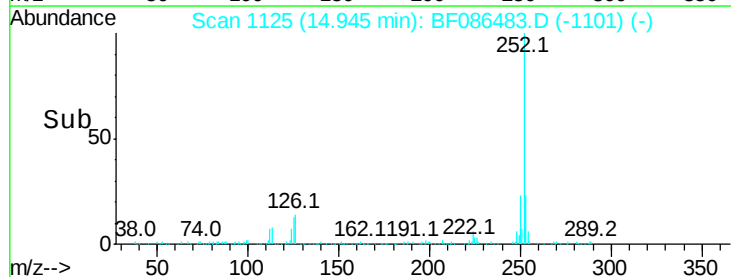
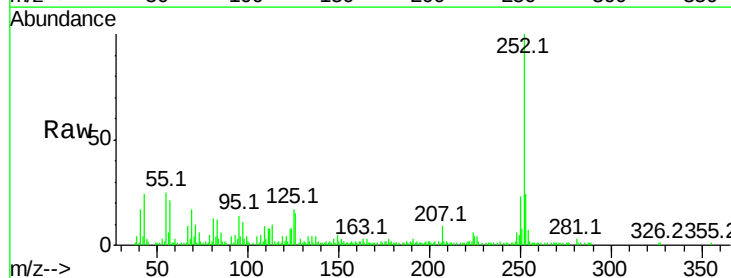
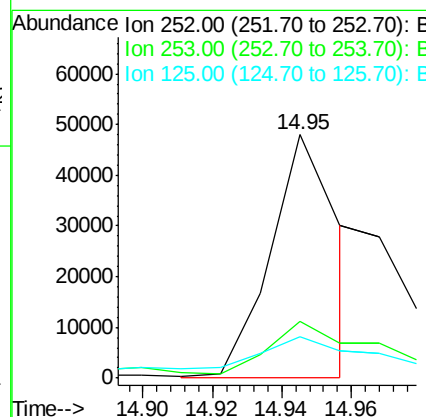
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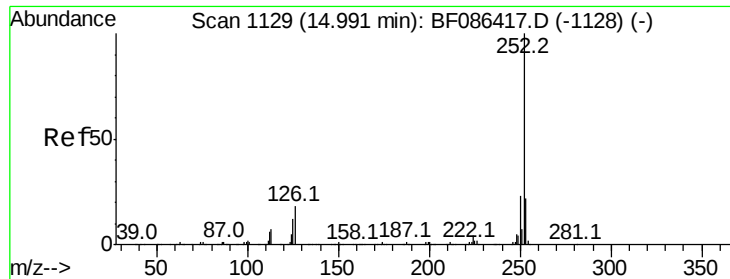
sohil
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#87
Benzo(b)fluoranthene
Concen: 4.00 ng m
RT: 14.95 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BF086483.D
Acq: 29 Apr 2016 00:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	17.1	11.4	17.0





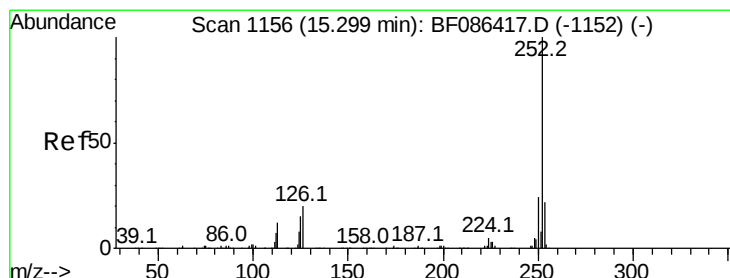
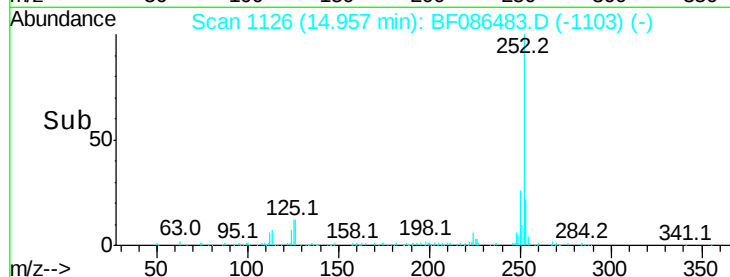
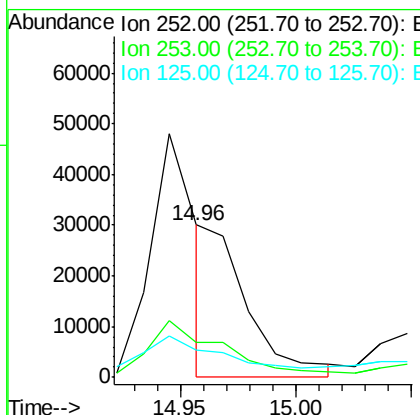
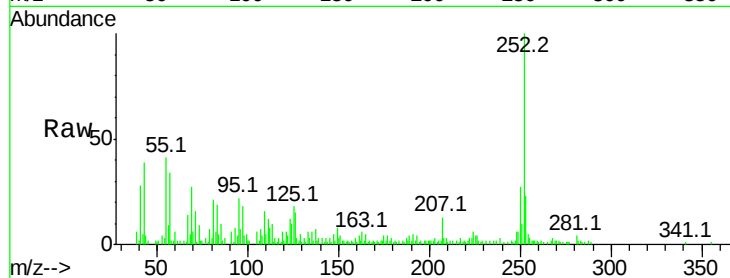
#88
Benzo(k)fluoranthene
Concen: 2.04 ng m
RT: 14.96 min Scan# 1126
Delta R.T. -0.03 min
Lab File: BF086483.D
Acq: 29 Apr 2016 00:46

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-6(0-6FTBGS)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	18.0	9.1	13.7#

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 3.24 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF086483.D
Acq: 29 Apr 2016 00:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	21.1	9.0	13.6#

