

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
 Data File : BF086654.D
 Acq On : 3 May 2016 19:48
 Operator : UM/SJ
 Sample : H2685-14 4X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-1B-CS-1(0-16FTBGS)

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Quant Time: May 04 04:53:51 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	6.75	152	177986	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	704064	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	298361	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	420518	20.00	ng	-0.06
75) Chrysene-d12	13.91	240	383757	20.00	ng	-0.06
86) Perylene-d12	15.30	264	318775	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	303917	29.45	ng	-0.06
7) Phenol-d6	6.38	99	408837	28.39	ng	-0.06
23) Nitrobenzene-d5	7.31	82	229808	17.59	ng	-0.07
41) 2,4,6-Tribromophenol	10.58	330	62841	19.97	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	390443	15.33	ng	-0.06
78) Terphenyl-d14	12.85	244	236507	13.58	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	9.52	163	58207	2.59	ng	99
74) Fluoranthene	12.48	202	65665	2.95	ng	97
77) Pyrene	12.71	202	62809	2.27	ng	99
87) Benzo(b)fluoranthene	14.90	252	38928m	2.08	ng	

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

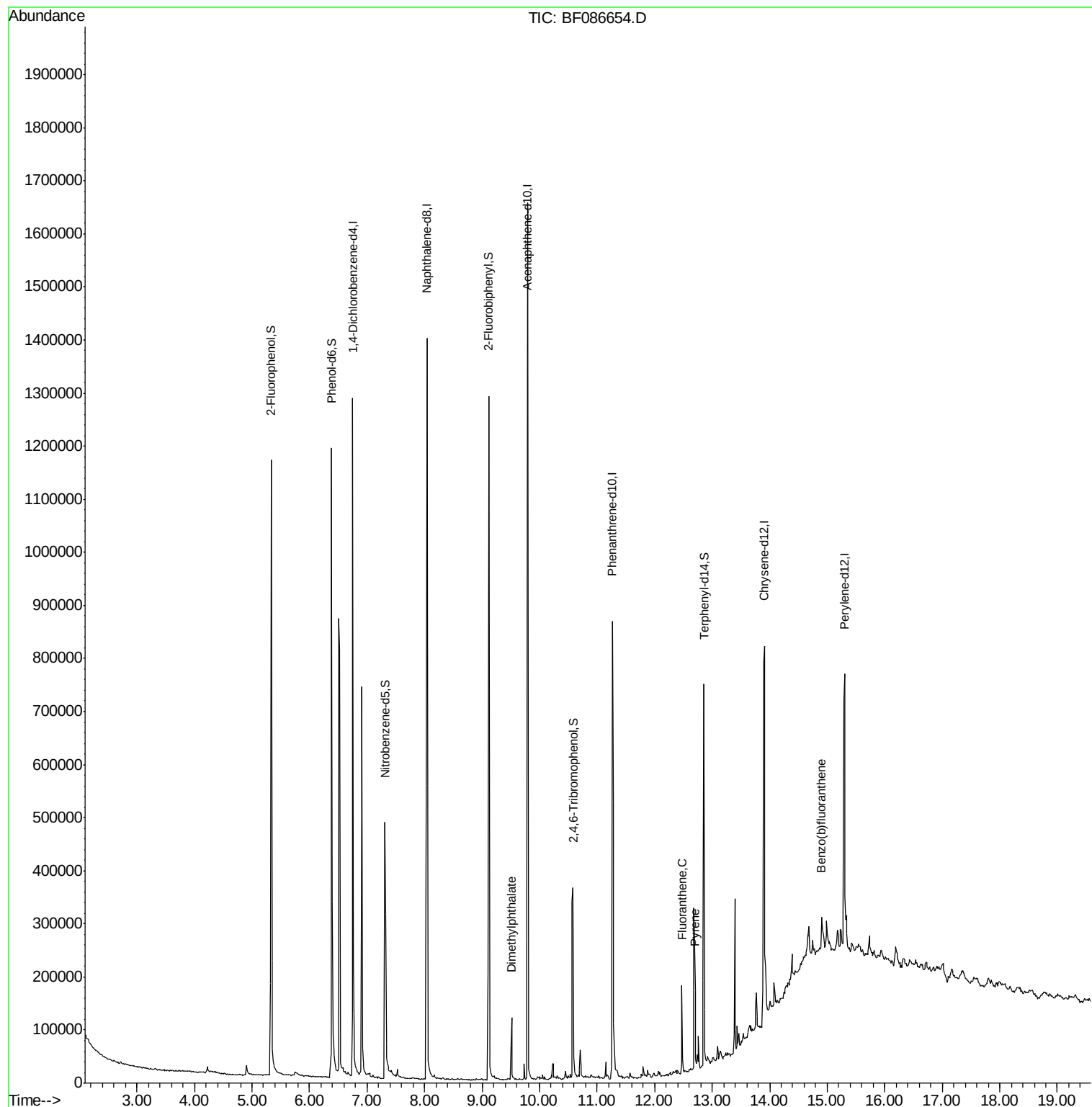
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086654.D
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ALS Vial : 44 Sample Multiplier: 1

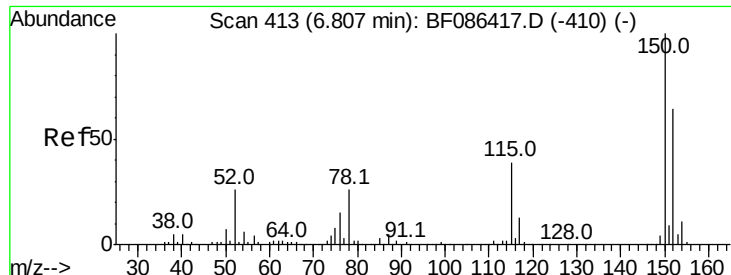
Instrument :
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26WARD-1B-CS-1(0-16FTBGS)

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#1

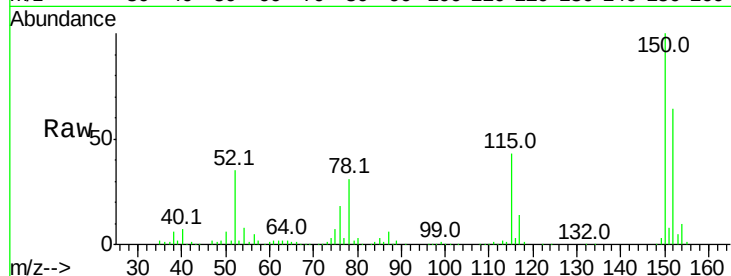
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.06 min
Lab File: BF086654.D
Acq: 3 May 2016 19:48

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-1(0-16FTBGS)

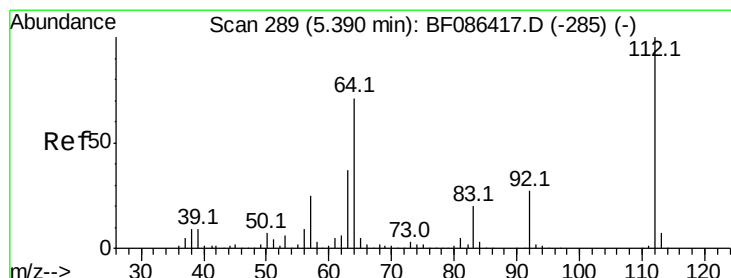
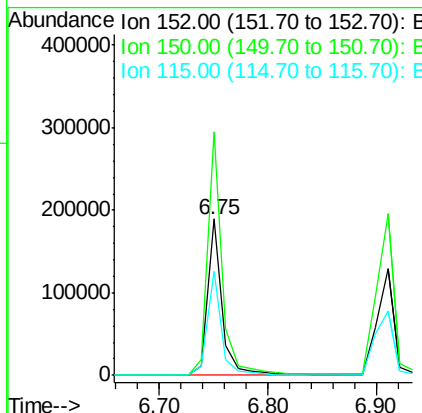
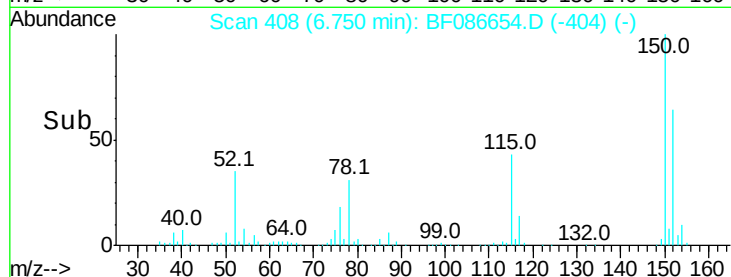
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.8	188.6
115	66.5	51.5	77.3

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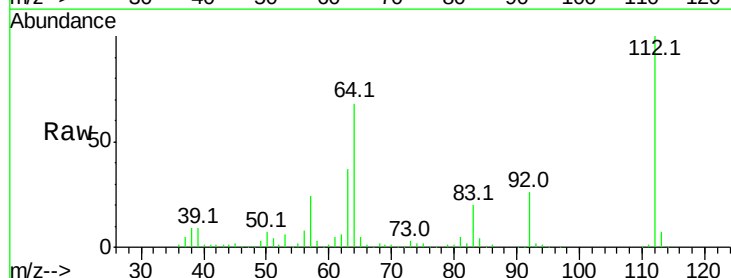
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



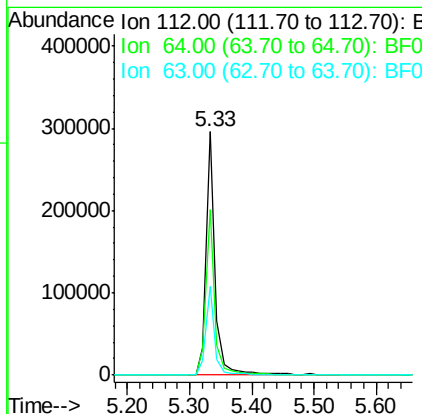
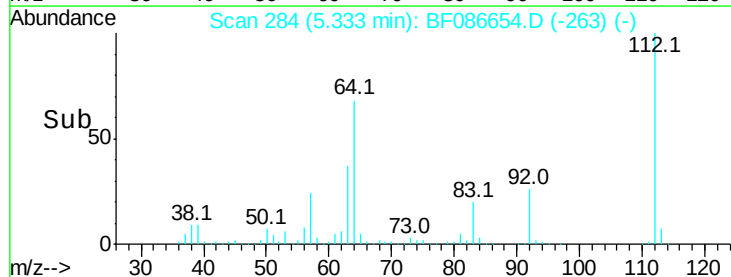
#5

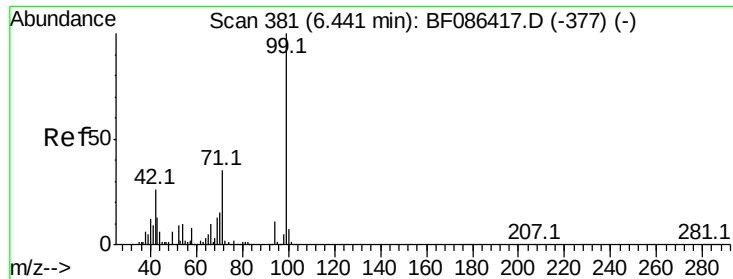
2-Fluorophenol
Concen: 29.45 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.06 min
Lab File: BF086654.D
Acq: 3 May 2016 19:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.2	52.1	78.1
63	36.5	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: 28.39 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF086654.D

Acq: 3 May 2016 19:48

Instrument :

BNA_F

ClientSampleId :

26WARD-1B-CS-1(0-16FTBGS)

Tot Ion: 99 Resp: 408837

Ion Ratio Lower Upper

99 100

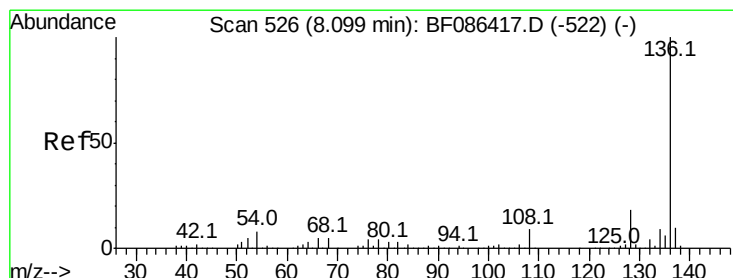
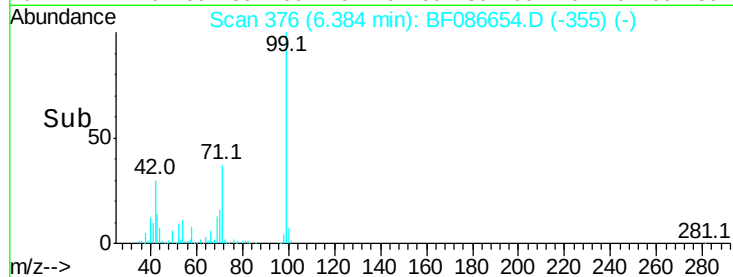
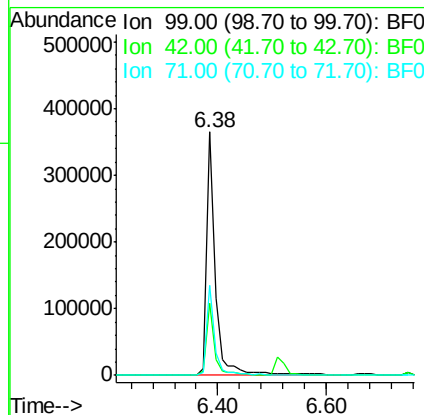
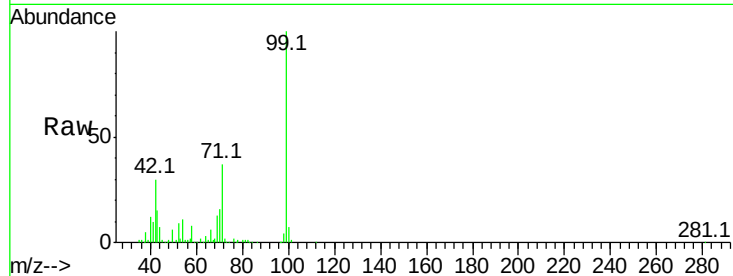
42 29.6 13.6 20.4#

71 37.0 24.6 36.8#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.06 min

Lab File: BF086654.D

Acq: 3 May 2016 19:48

Tgt Ion: 136 Resp: 704064

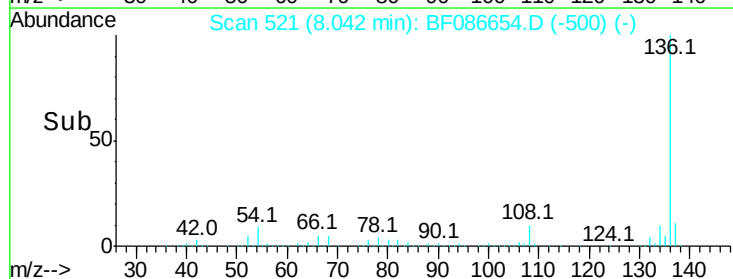
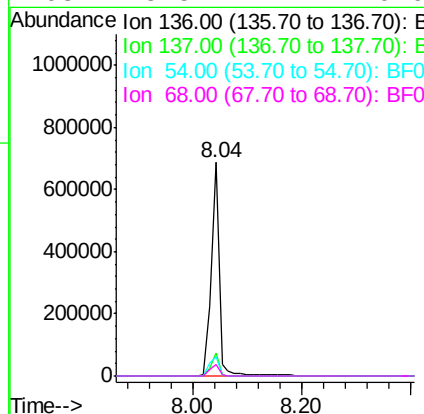
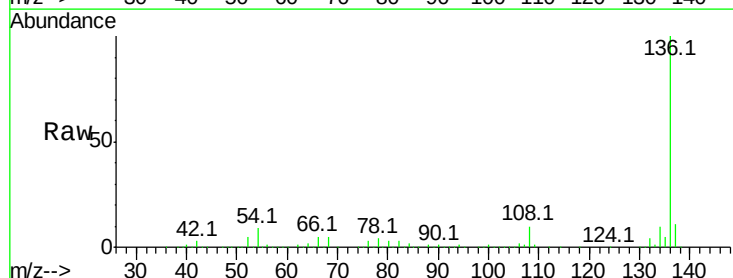
Ion Ratio Lower Upper

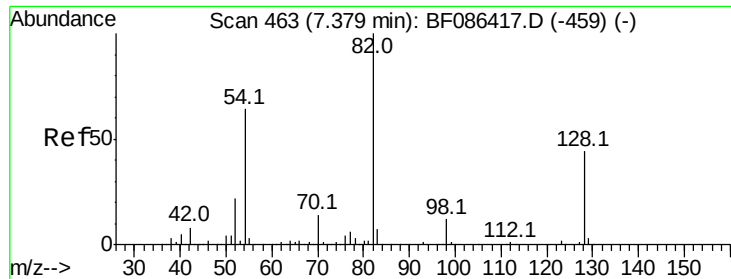
136 100

137 10.8 8.8 13.2

54 9.0 5.0 7.4#

68 5.5 4.4 6.6





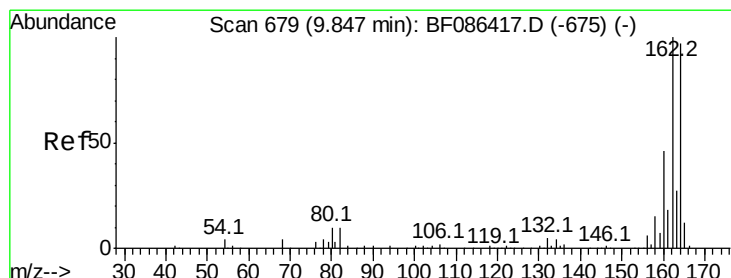
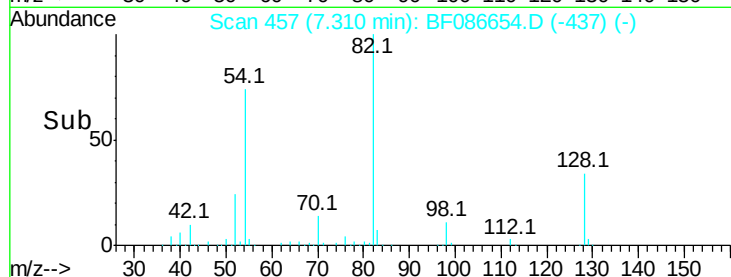
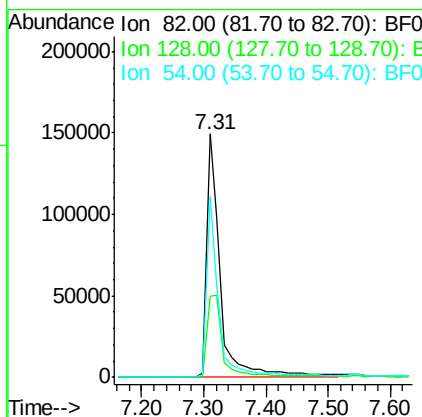
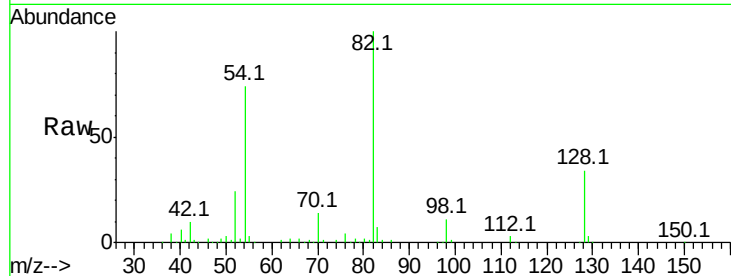
#23
Nitrobenzene-d5
Concen: 17.59 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF086654.D
Acq: 3 May 2016 19:48

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-1(0-16FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.5	40.6	61.0#	
54	74.1	38.1	57.1#	

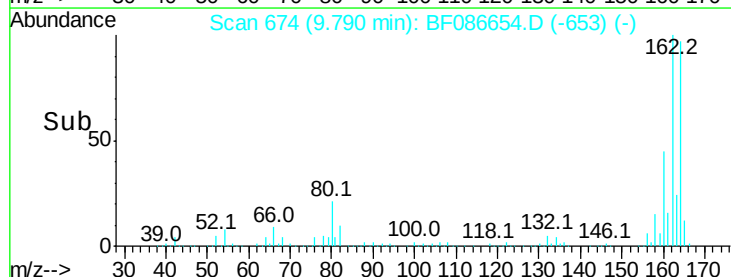
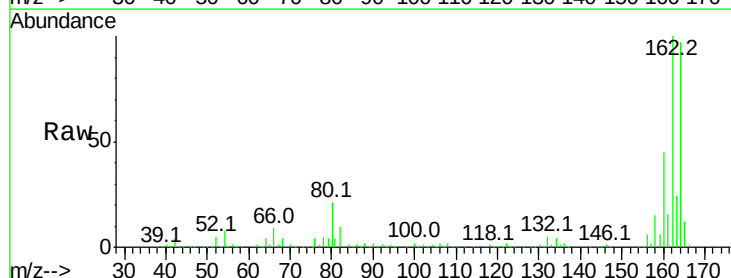
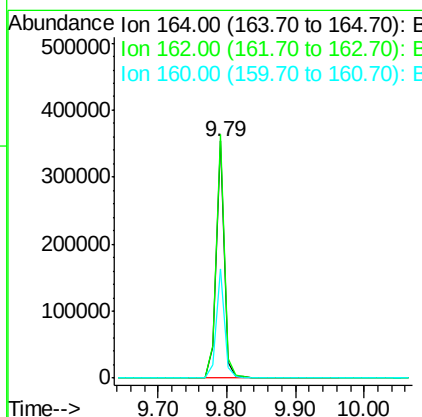
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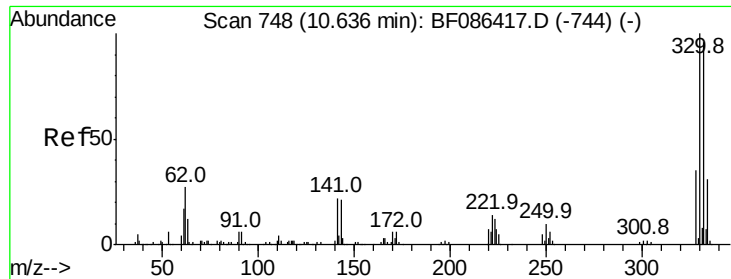
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF086654.D
Acq: 3 May 2016 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.9	82.8	124.2	
160	46.2	36.9	55.3	





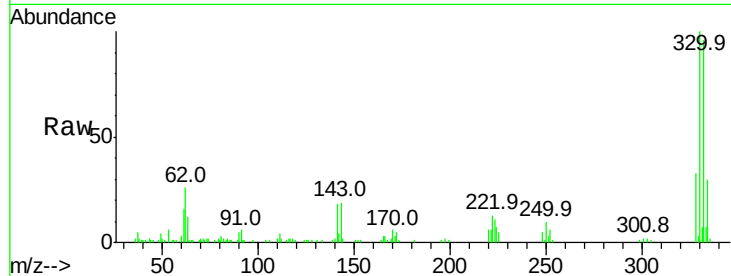
#41
 2,4,6-Tribromophenol
 Concen: 19.97 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086654.D
 Acq: 3 May 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-1B-CS-1(0-16FTBGS)

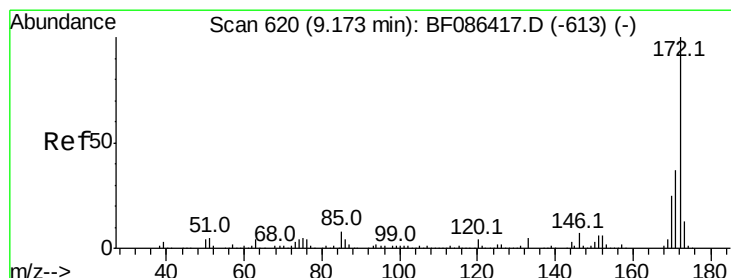
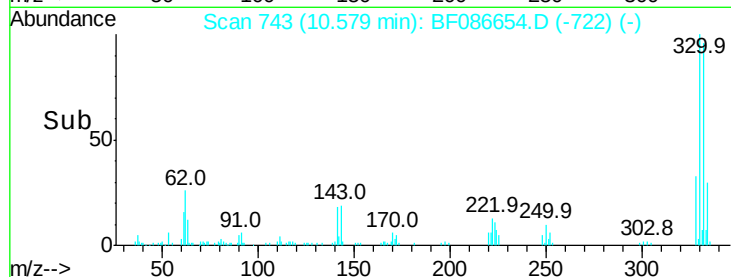
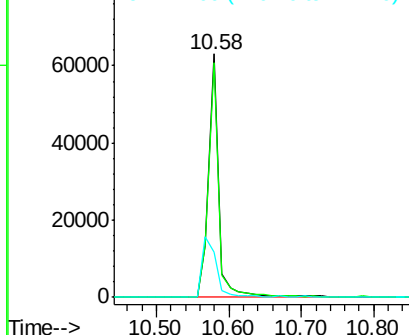
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	33.9	31.2	46.8

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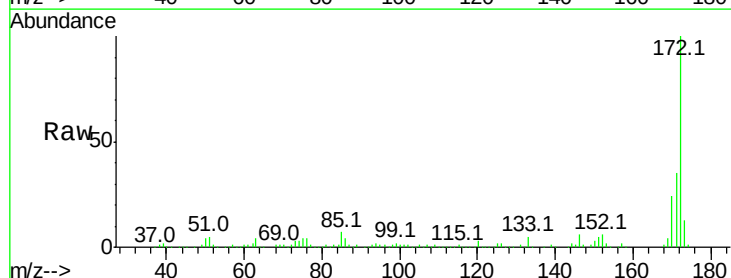


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

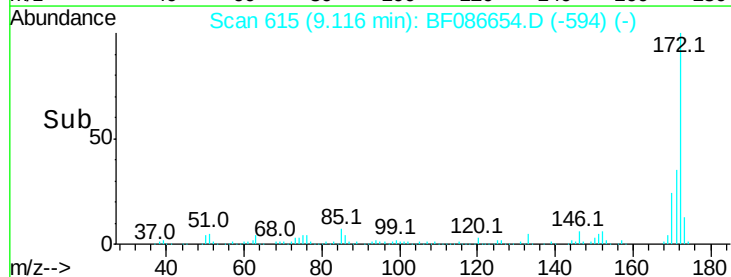
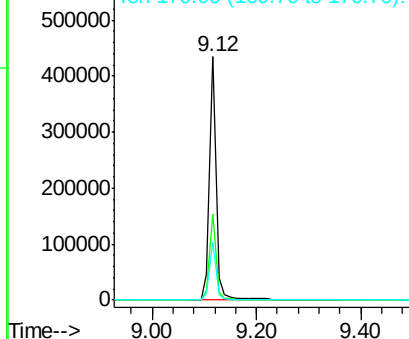


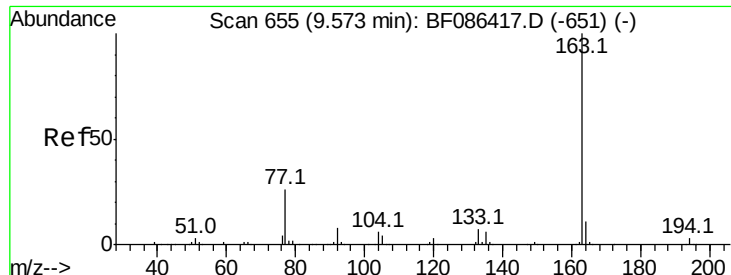
#44
 2-Fluorobiphenyl
 Concen: 15.33 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086654.D
 Acq: 3 May 2016 19:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	23.8	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





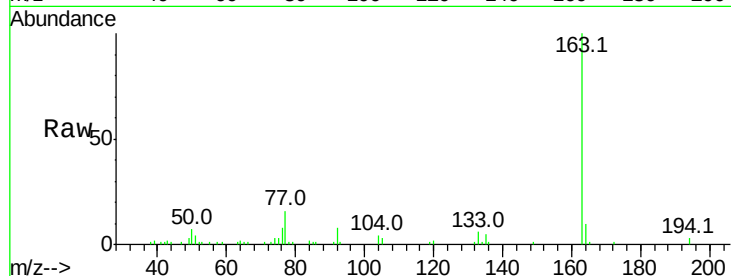
#49
Dimethylphthalate
Concen: 2.59 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.06 min
Lab File: BF086654.D
Acq: 3 May 2016 19:48

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-1(0-16FTBGS)

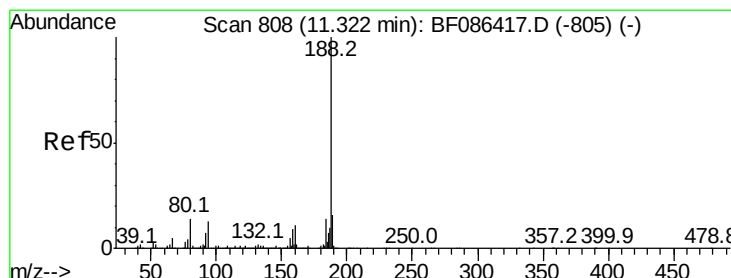
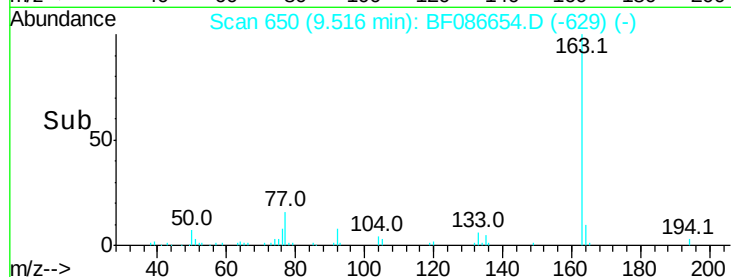
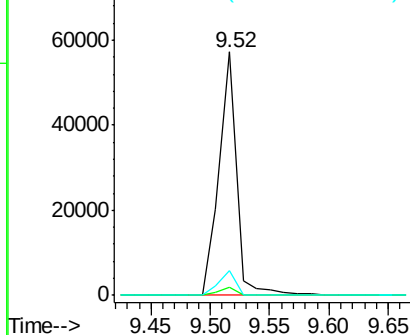
Tot Ion	Ratio	Resp	Lower	Upper
163	100	58207		
194	3.5		2.6	4.0
164	10.0		8.2	12.4

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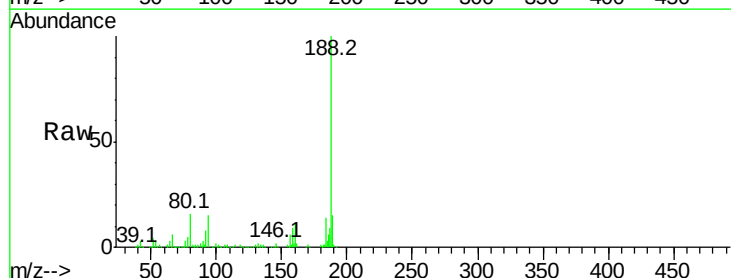


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

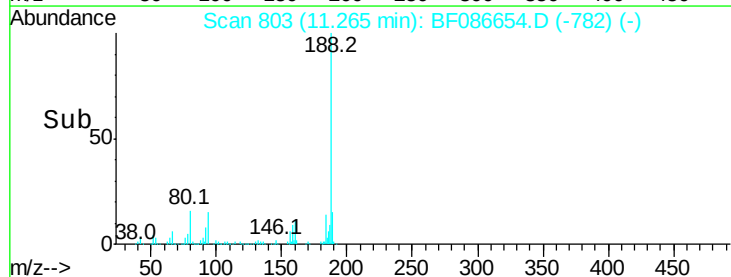
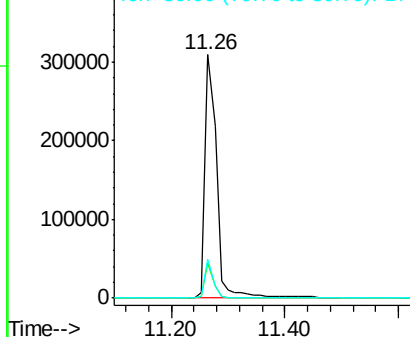


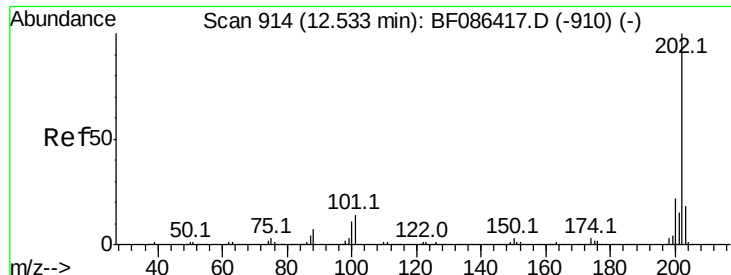
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF086654.D
Acq: 3 May 2016 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	420518		
94	14.5		6.8	10.2#
80	15.7		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





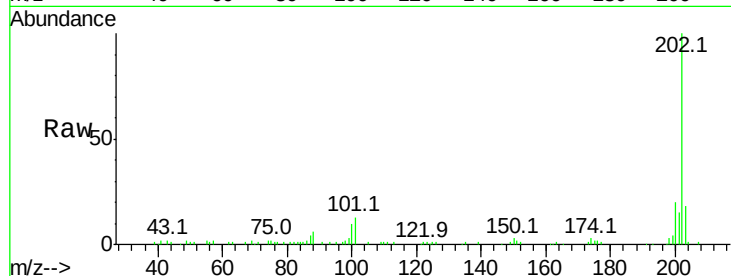
#74
Fluoranthene
 Concen: 2.95 ng
 RT: 12.48 min Scan# 909
 Delta R.T. -0.06 min
 Lab File: BF086654.D
 Acq: 3 May 2016 19:48

Instrument :
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 ClientSampleId :
 26WARD-1B-CS-1(0-16FTBGS)

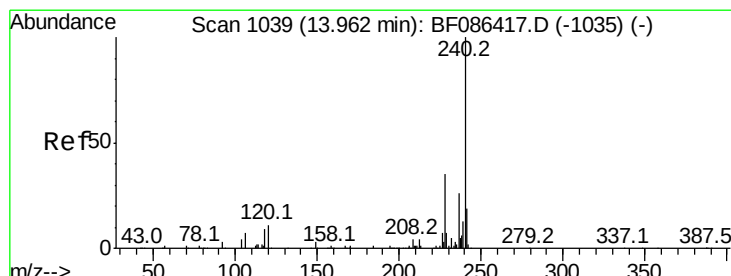
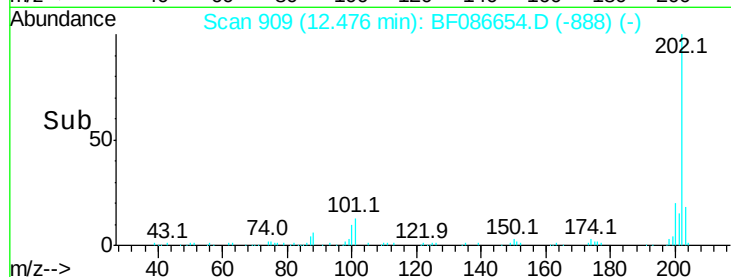
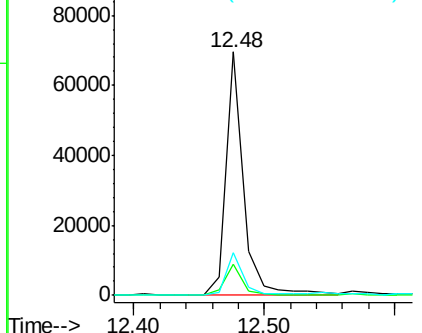
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.0	0.0	35.4
203	17.7	0.0	38.1

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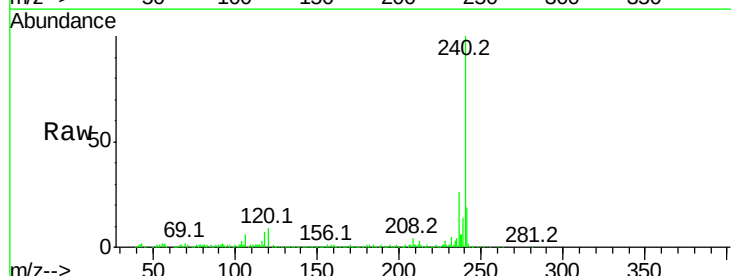


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

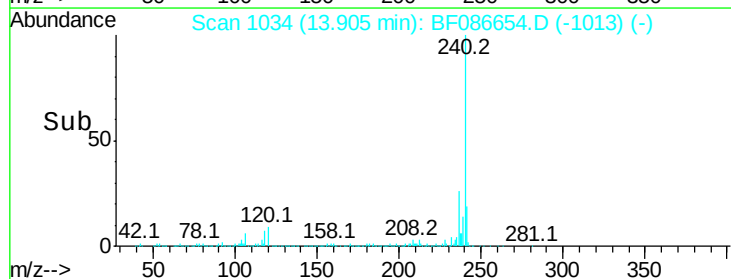
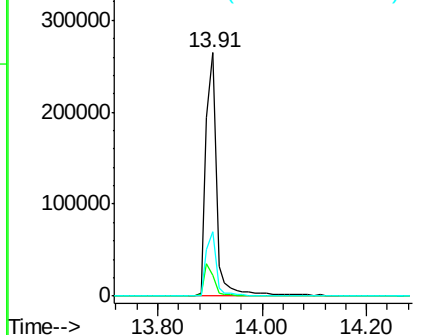


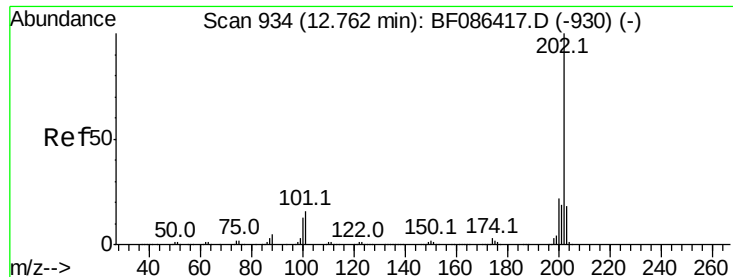
#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.06 min
 Lab File: BF086654.D
 Acq: 3 May 2016 19:48

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.8	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





#77

Pvrene

Concen: 2.27 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.06 min

Lab File: BF086654.D

Acq: 3 May 2016 19:48

Instrument :

BNA_F

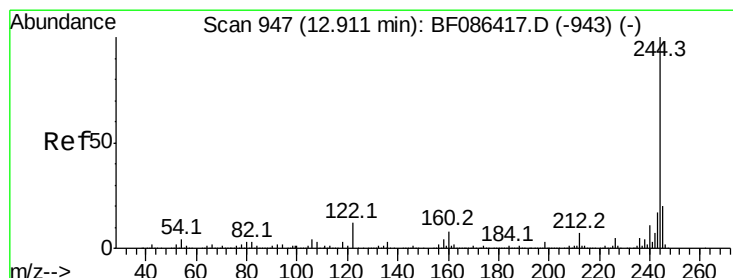
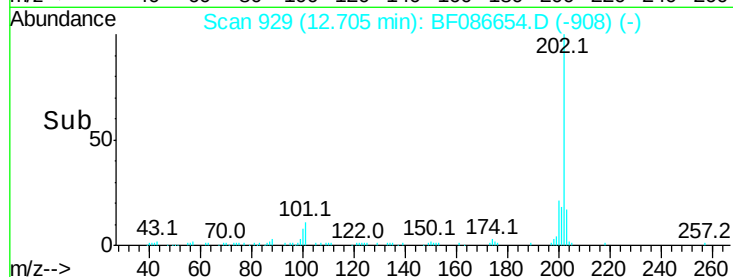
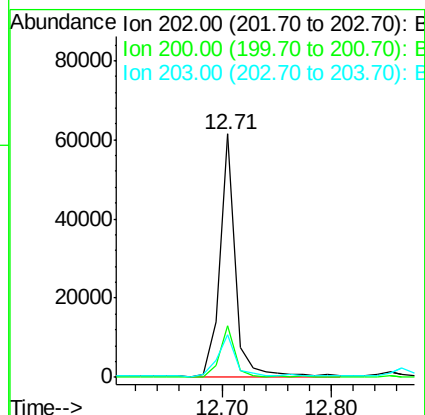
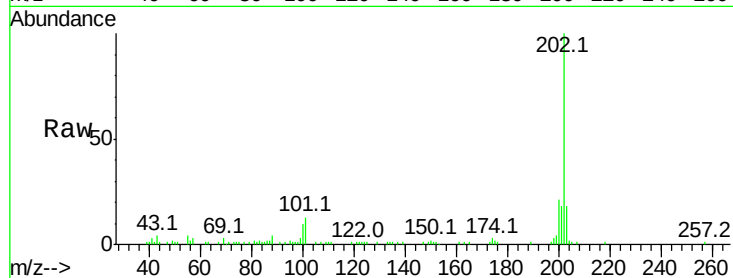
ClientSampleId :

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Tot Ion:	202	Resp:	62809
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.7	26.5
203	17.5	14.2	21.4

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#78

Terphenyl-d14

Concen: 13.58 ng

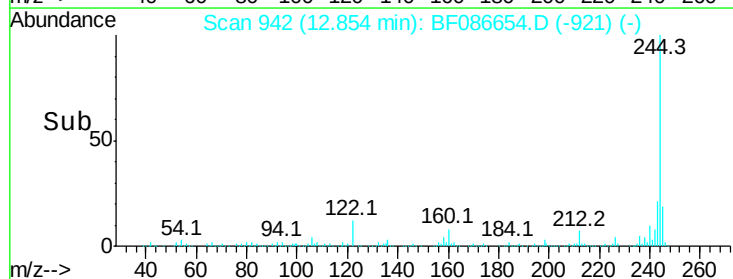
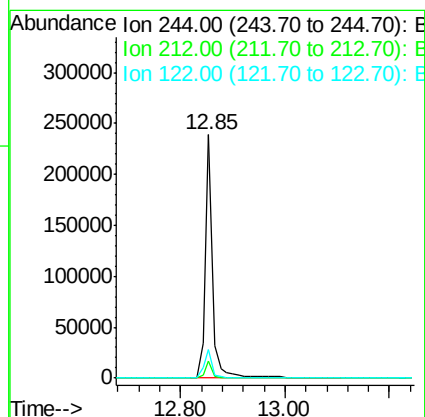
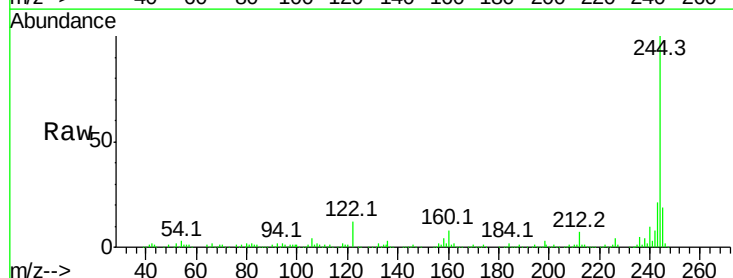
RT: 12.85 min Scan# 942

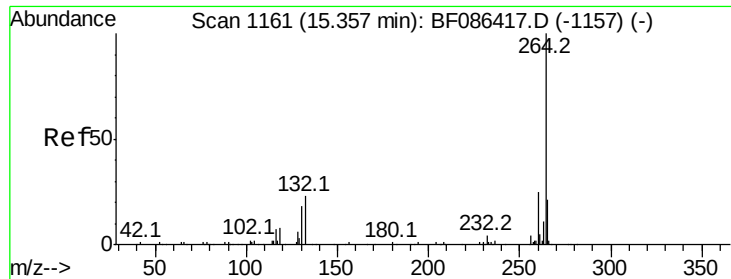
Delta R.T. -0.06 min

Lab File: BF086654.D

Acq: 3 May 2016 19:48

Tgt Ion:	244	Resp:	236507
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.2	9.2
122	11.6	12.0	18.0#





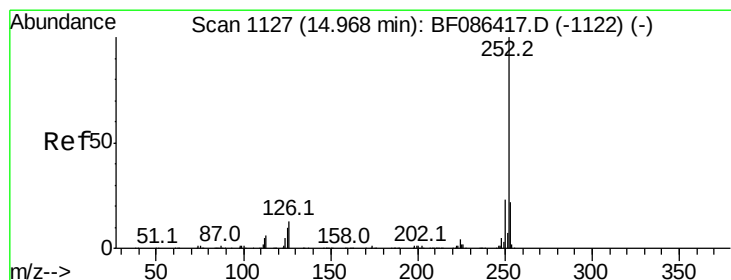
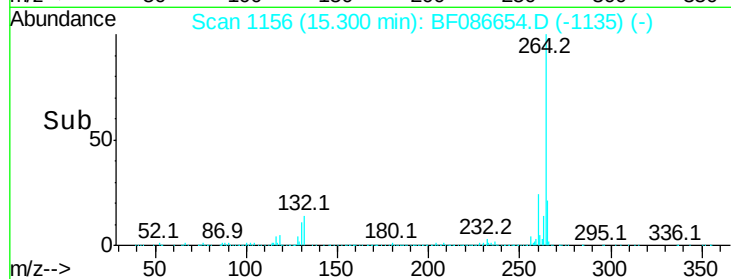
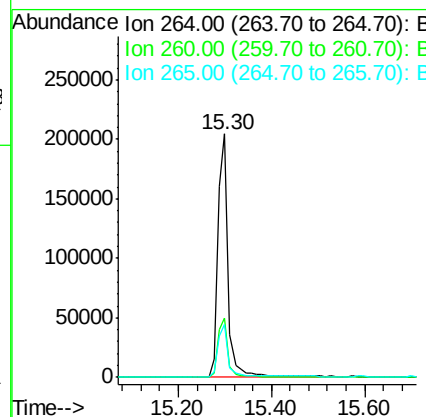
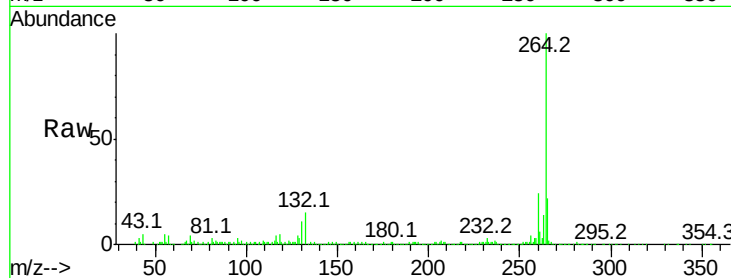
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF086654.D
Acq: 3 May 2016 19:48

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-1(0-16FTBGS)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.5	17.3	25.9

Manual Integrations
APPROVED

sohil
5/4/2016 6:53:19 PM



#87
Benzo(b)fluoranthene
Concen: 2.08 ng m
RT: 14.90 min Scan# 1121
Delta R.T. -0.07 min
Lab File: BF086654.D
Acq: 3 May 2016 19:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.8	26.6
125	19.4	11.4	17.0#

