

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
 Data File : BF086656.D
 Acq On : 3 May 2016 20:45
 Operator : UM/SJ
 Sample : H2685-16 2X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-1B-CS-2(0-16FTBGS)

Manual Integrations
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Quant Time: May 04 05:12:40 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	175291	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	685173	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	285100	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	404270	20.00	ng	-0.06
75) Chrysene-d12	13.91	240	354960	20.00	ng	-0.06
86) Perylene-d12	15.30	264	301192	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	812319	79.93	ng	-0.04
7) Phenol-d6	6.40	99	1147018	80.87	ng	-0.05
23) Nitrobenzene-d5	7.32	82	663225	52.17	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	171099	56.91	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	895424	49.20	ng	-0.06
78) Terphenyl-d14	12.85	244	543500	33.73	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	9.52	163	177248	8.26	ng	98
70) Phenanthrene	11.30	178	512472	24.16	ng	98
71) Anthracene	11.34	178	111054	4.90	ng	99
74) Fluoranthene	12.48	202	700633	32.72	ng	100
77) Pyrene	12.71	202	763557	29.85	ng	99
80) Benzo(a)anthracene	13.89	228	334276	17.66	ng	99
82) Chrysene	13.93	228	315386	15.33	ng	98
87) Benzo(b)fluoranthene	14.91	252	341220m	19.26	ng	
88) Benzo(k)fluoranthene	14.92	252	120766m	6.53	ng	
89) Benzo(a)pyrene	15.24	252	245881	14.70	ng	98
91) Benzo(g,h,i)perylene	17.03	276	115661	8.43	ng	# 92

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

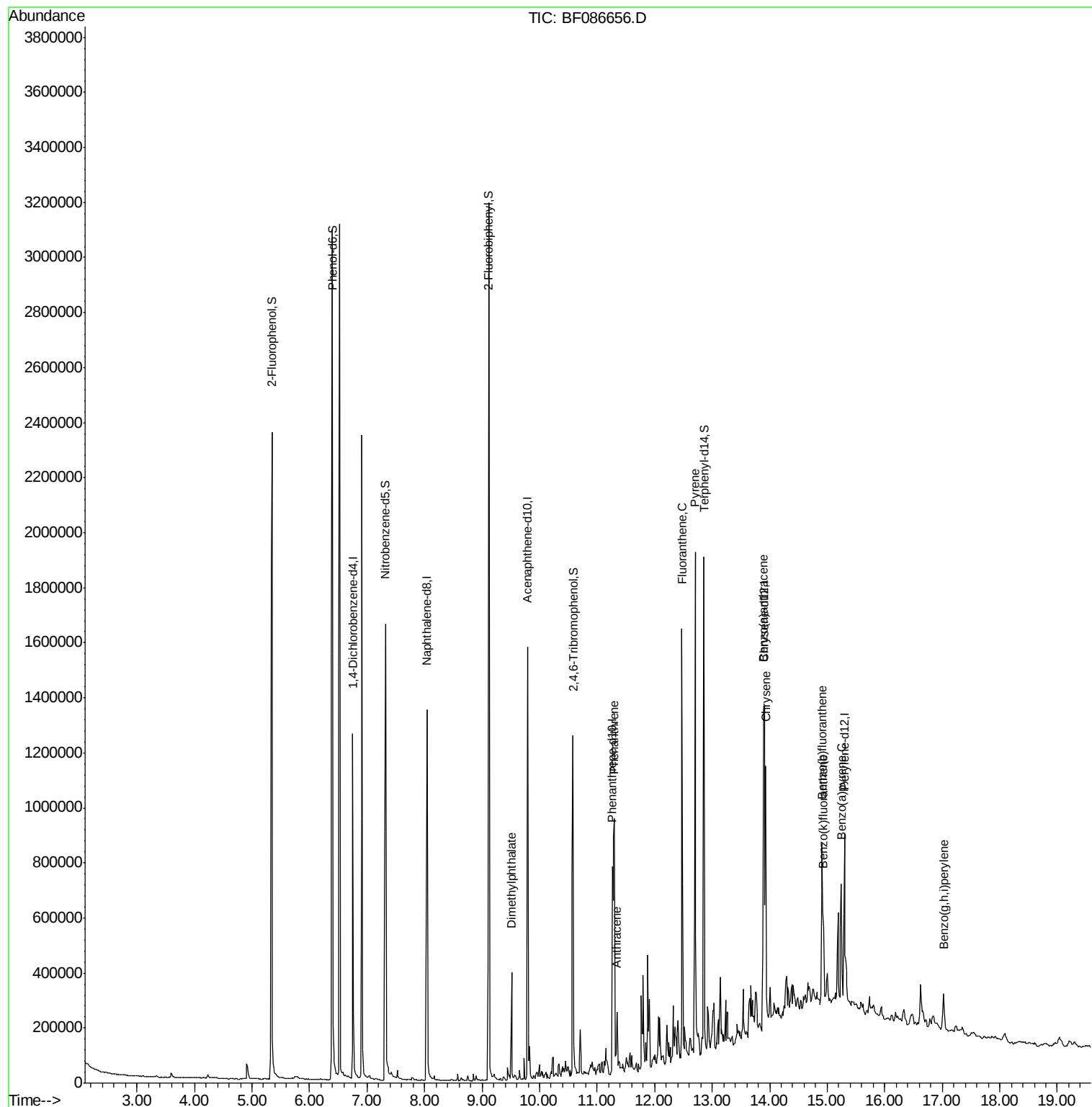
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086656.D
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Misc :
ALS Vial : 46 Sample Multiplier: 1

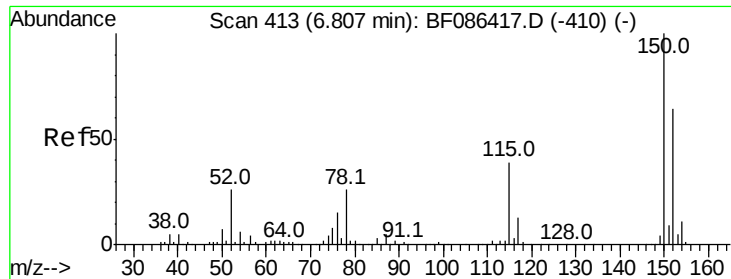
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#1

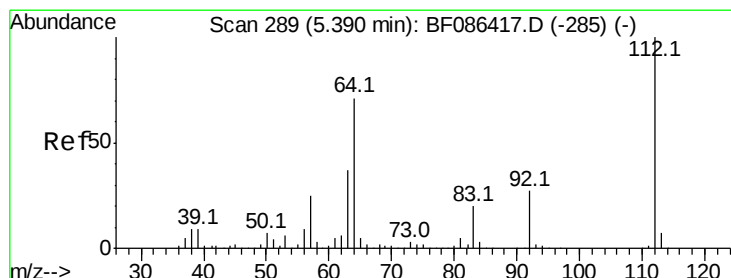
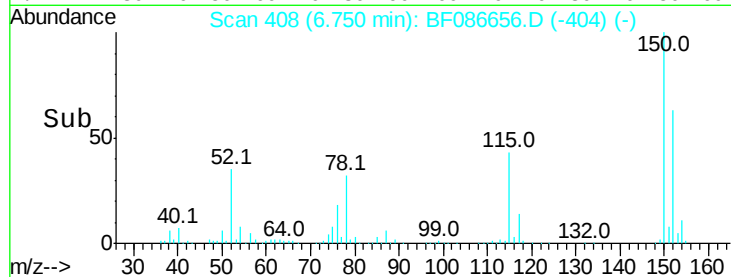
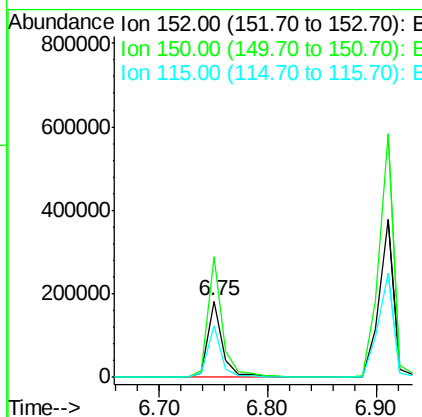
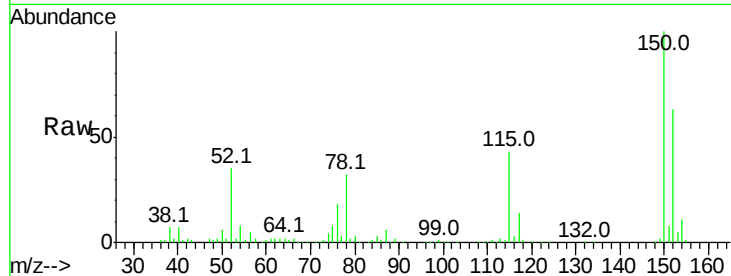
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.06 min
Lab File: BF086656.D
Acq: 3 May 2016 20:45

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-2(0-16FTBGS)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.8	188.6
115	68.1	51.5	77.3

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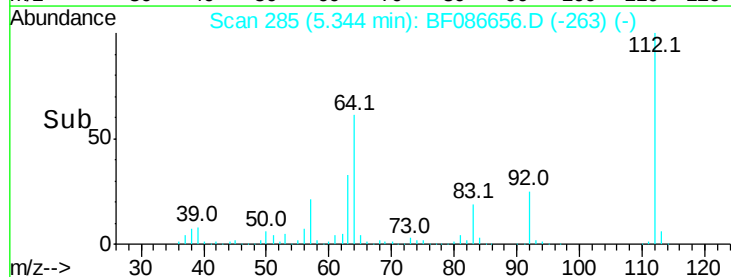
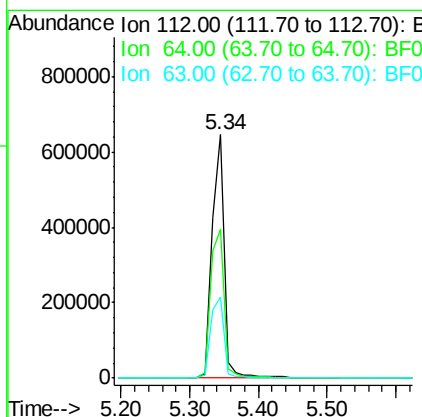
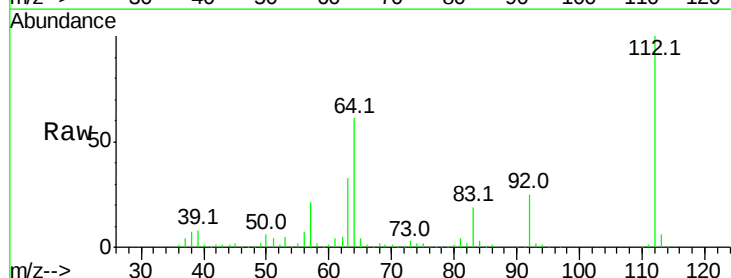
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#5

2-Fluorophenol
Concen: 79.93 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.04 min
Lab File: BF086656.D
Acq: 3 May 2016 20:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	52.1	78.1
63	33.2	25.7	38.5





#7

Phenol-d6

Concen: 80.87 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086656.D

Acq: 3 May 2016 20:45

Instrument :

BNA_F

ClientSampleId :

26WARD-1B-CS-2(0-16FTBGS)

Tot Ion: 99 Resp: 1147018

Ion Ratio Lower Upper

99 100

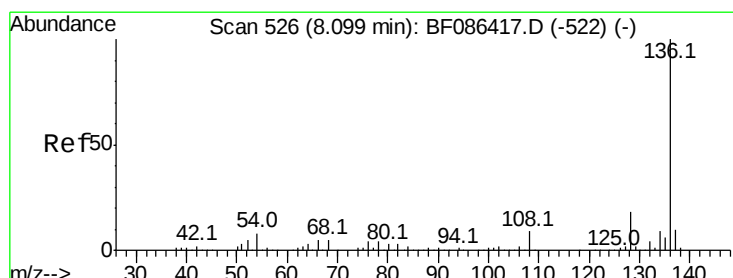
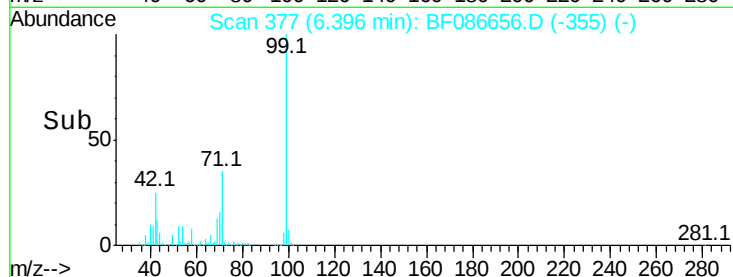
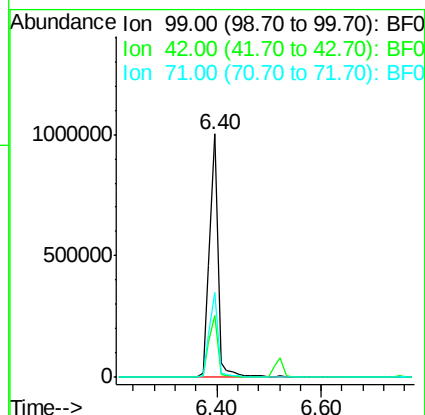
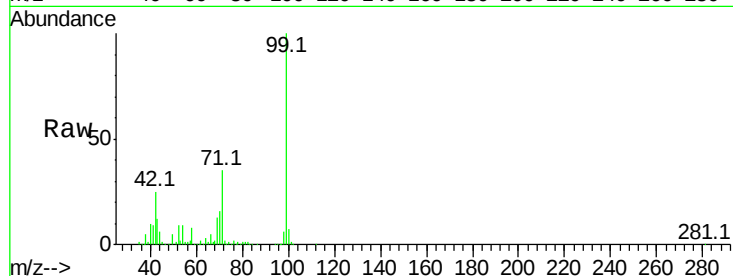
42 25.2 13.6 20.4#

71 34.9 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: BF086656.D

Acq: 3 May 2016 20:45

Tgt Ion: 136 Resp: 685173

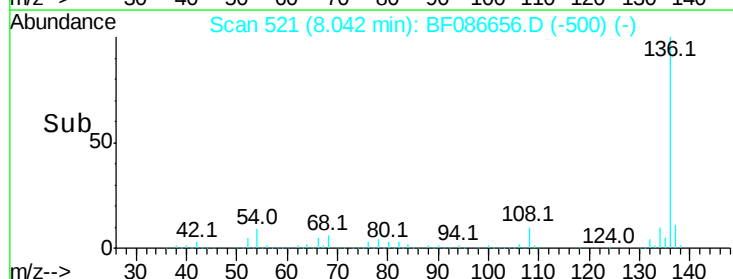
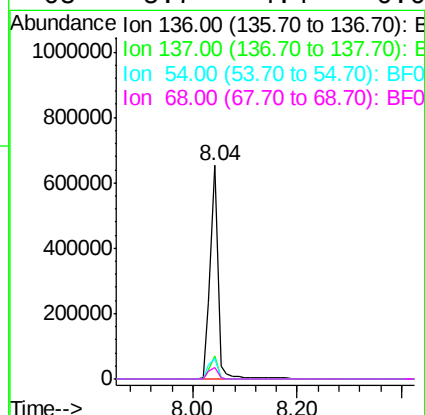
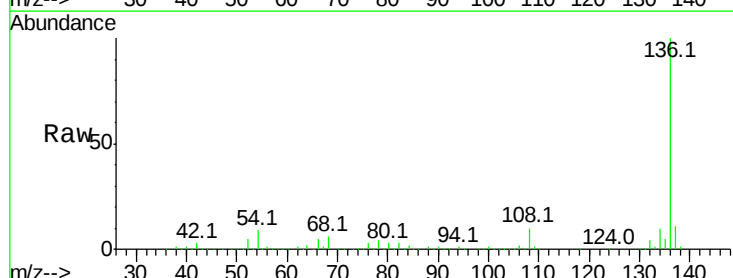
Ion Ratio Lower Upper

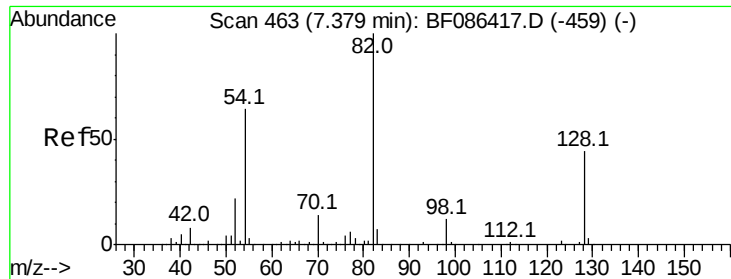
136 100

137 10.9 8.8 13.2

54 9.5 5.0 7.4#

68 5.7 4.4 6.6





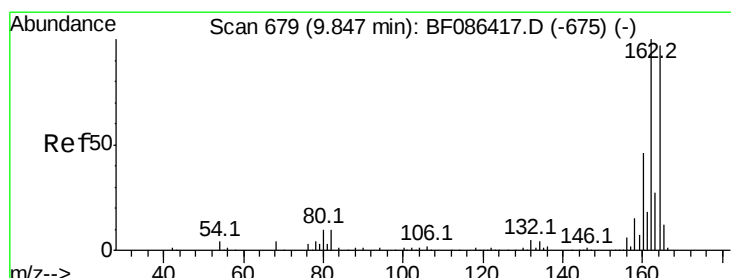
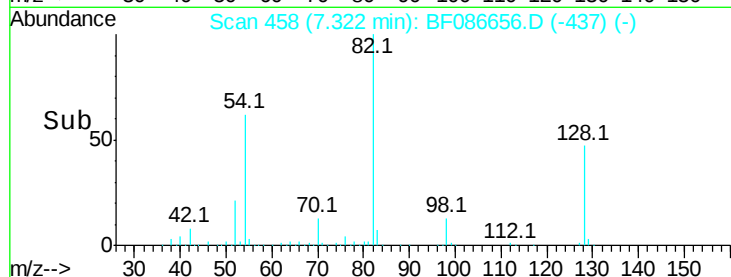
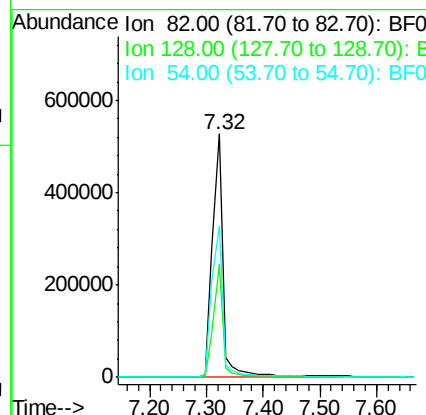
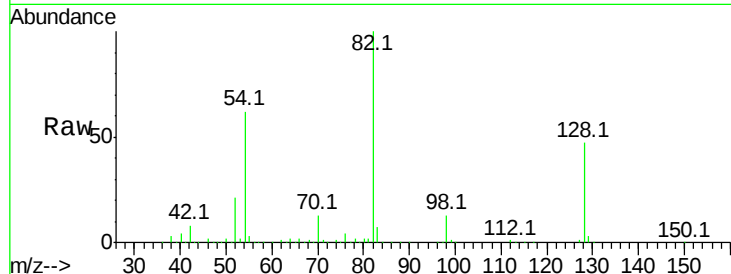
#23
Nitrobenzene-d5
Concen: 52.17 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF086656.D
Acq: 3 May 2016 20:45

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-2(0-16FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
82	100	663225		
128	46.7		40.6	61.0
54	62.1		38.1	57.1#

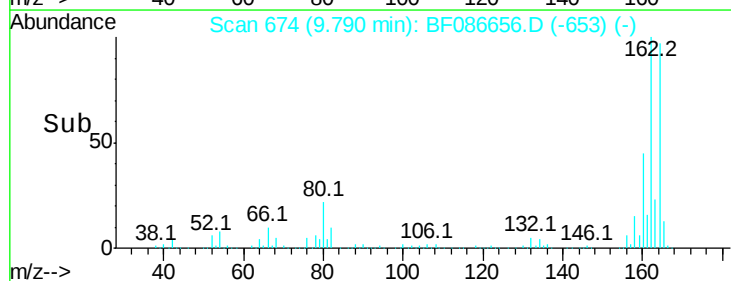
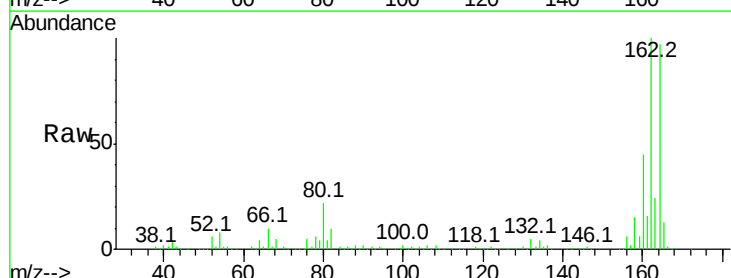
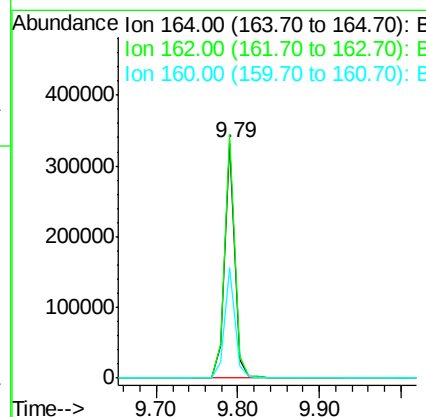
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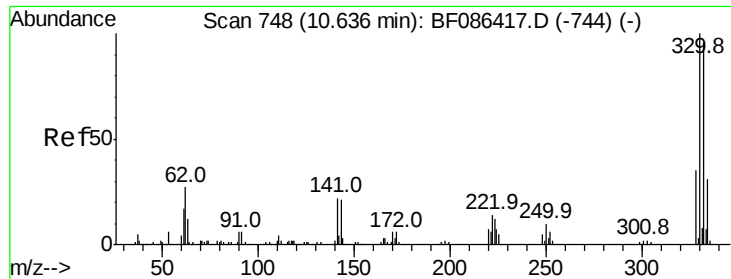
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF086656.D
Acq: 3 May 2016 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	285100		
162	103.6		82.8	124.2
160	46.9		36.9	55.3





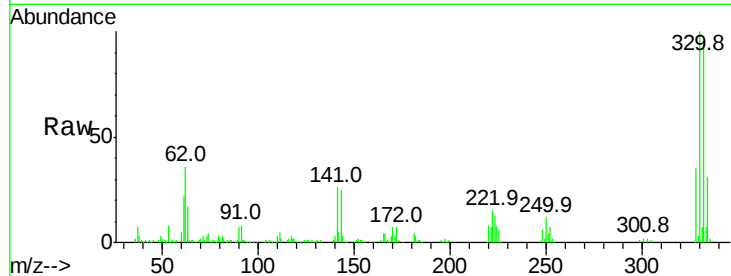
#41
 2,4,6-Tribromophenol
 Concen: 56.91 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086656.D
 Acq: 3 May 2016 20:45

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-1B-CS-2(0-16FTBGS)

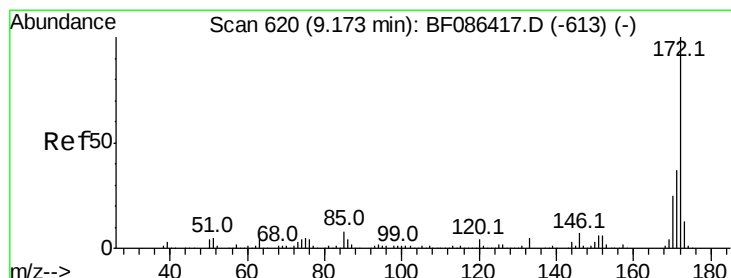
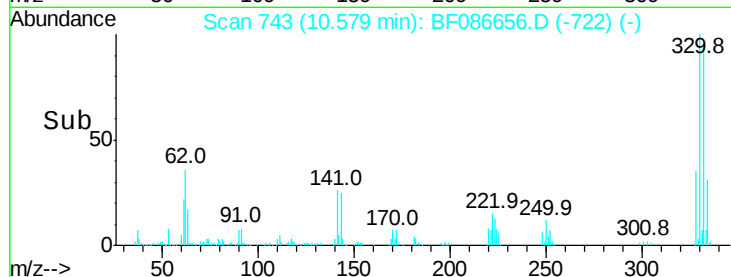
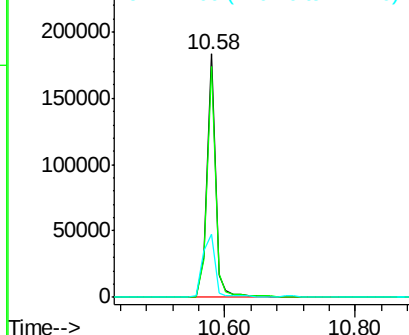
Tot Ion	Ratio	Resp	Lower	Upper
330	100	171099		
332	95.1	79.0	118.4	
141	38.0	31.2	46.8	

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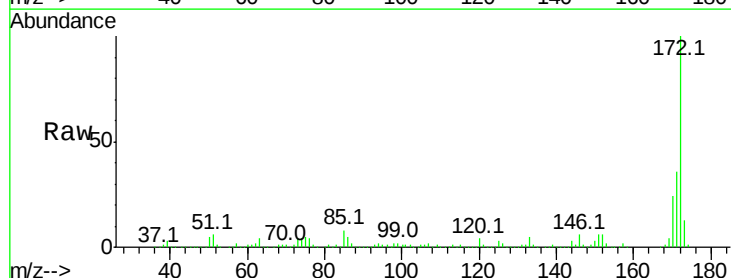


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

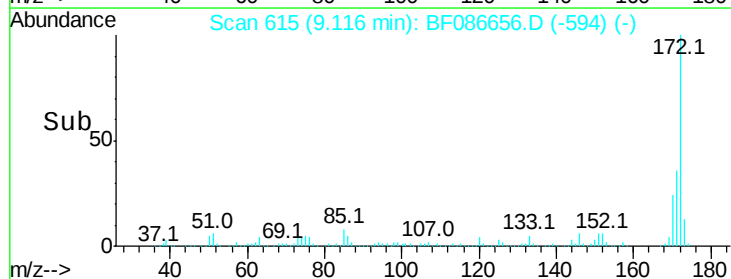
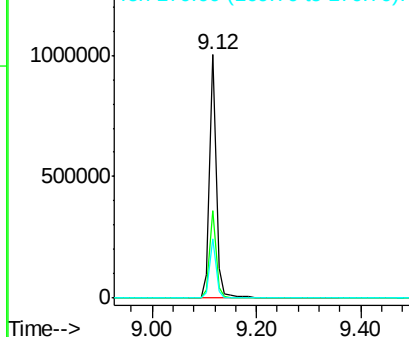


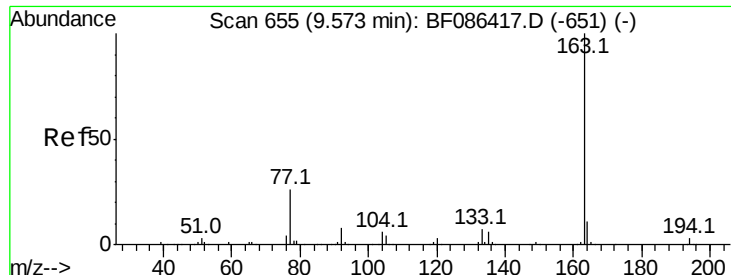
#44
 2-Fluorobiphenyl
 Concen: 49.20 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086656.D
 Acq: 3 May 2016 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	895424		
171	35.8	29.0	43.6	
170	24.5	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





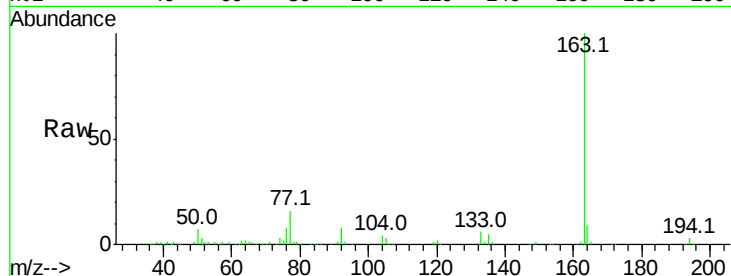
#49
Dimethylphthalate
Concen: 8.26 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.06 min
Lab File: BF086656.D
Acq: 3 May 2016 20:45

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-2(0-16FTBGS)

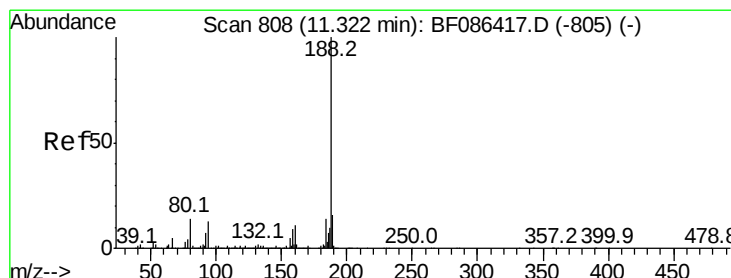
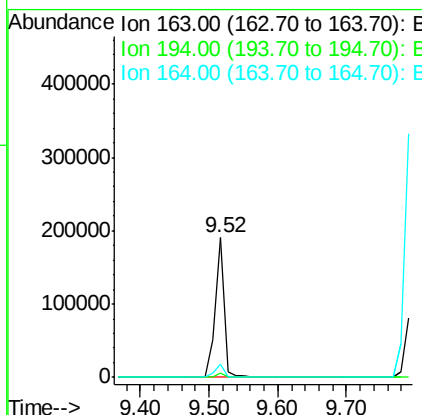
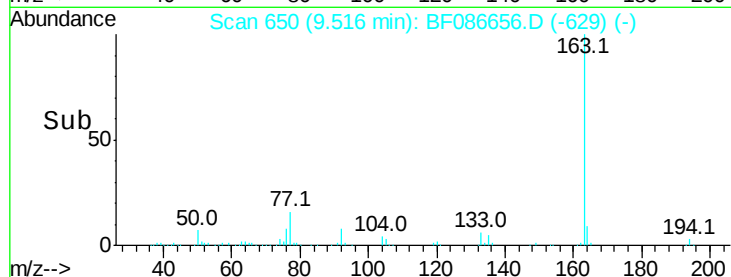
Tot Ion	Ratio	Resp	Lower	Upper
163	100	177248		
194	3.2	2.6	4.0	
164	9.4	8.2	12.4	

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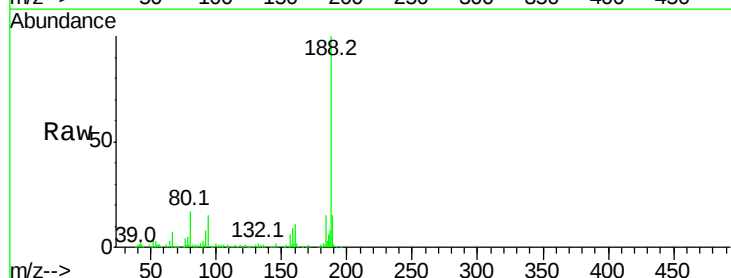


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

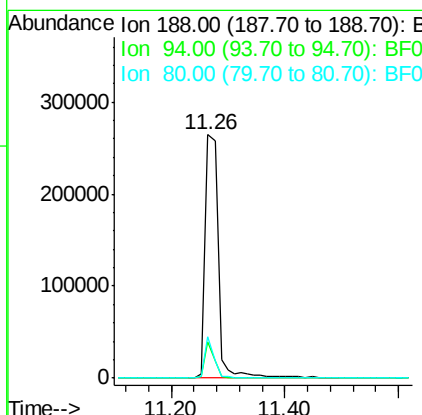
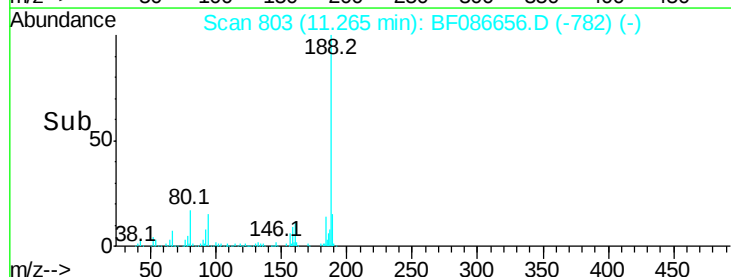


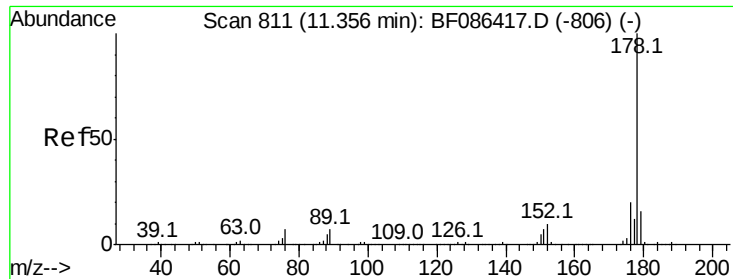
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF086656.D
Acq: 3 May 2016 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	404270		
94	15.1	6.8	10.2#	
80	17.0	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





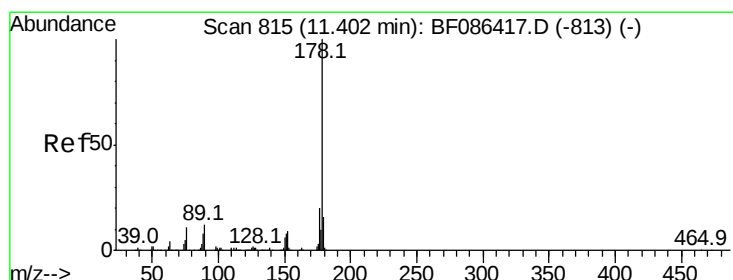
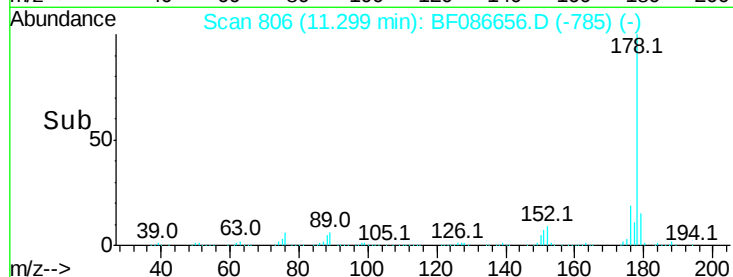
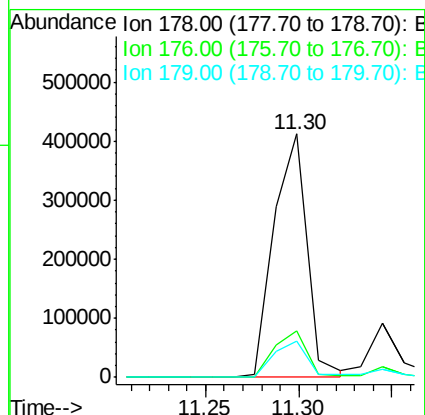
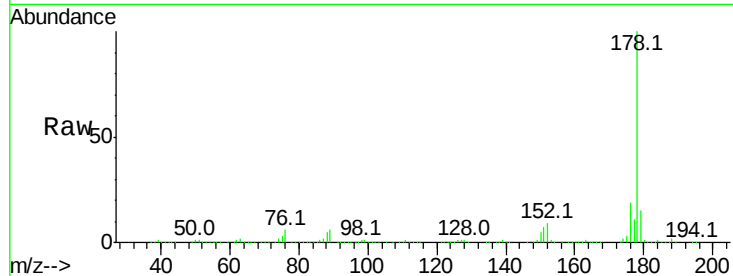
#70
Phenanthrene
Concen: 24.16 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.06 min
Lab File: BF086656.D
Acq: 3 May 2016 20:45

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-2(0-16FTBGS)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	14.8	12.6	18.8

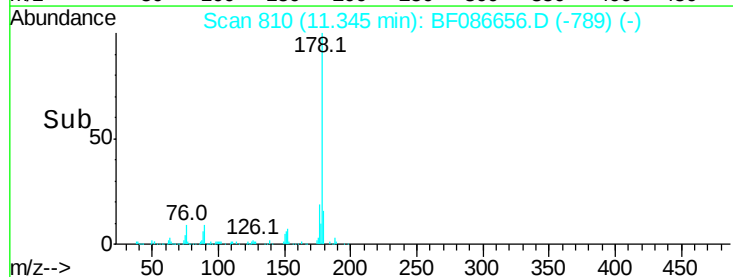
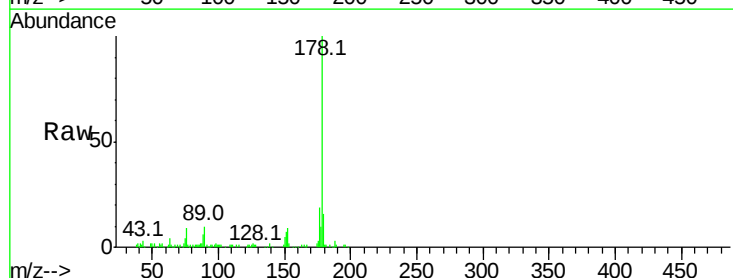
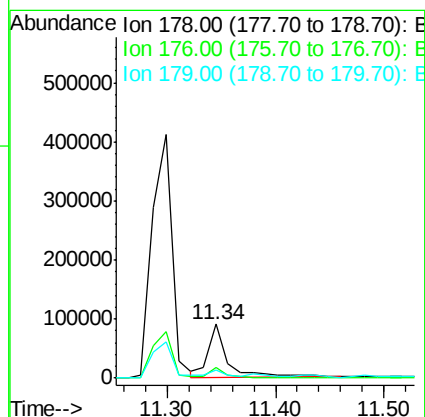
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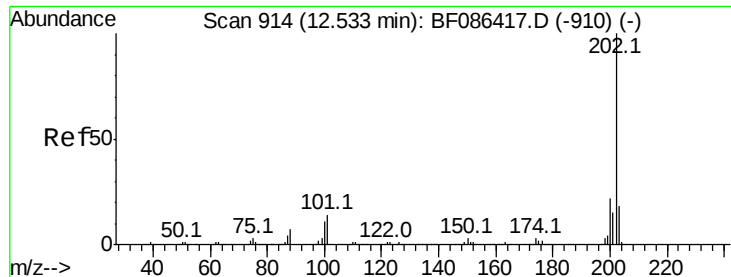
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#71
Anthracene
Concen: 4.90 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.06 min
Lab File: BF086656.D
Acq: 3 May 2016 20:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.6	23.4
179	16.1	12.7	19.1





#74

Fluoranthene

Concen: 32.72 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.06 min

Lab File: BF086656.D

Acq: 3 May 2016 20:45

Instrument :

BNA_F

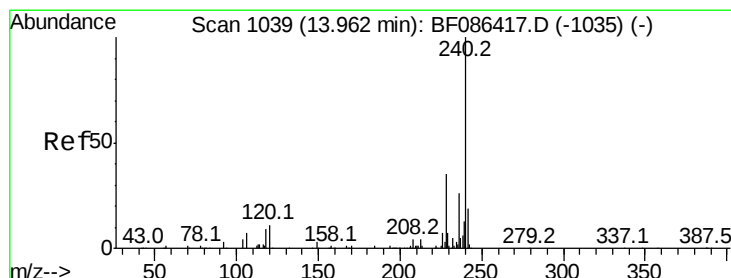
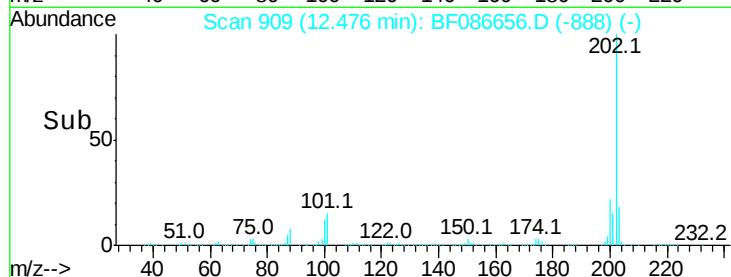
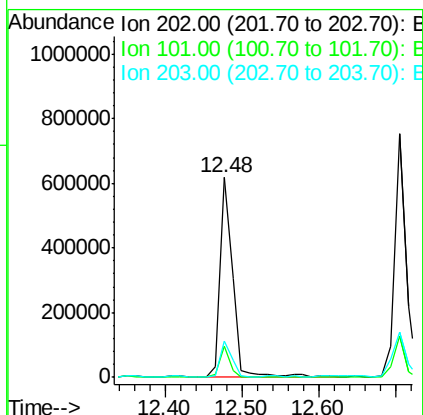
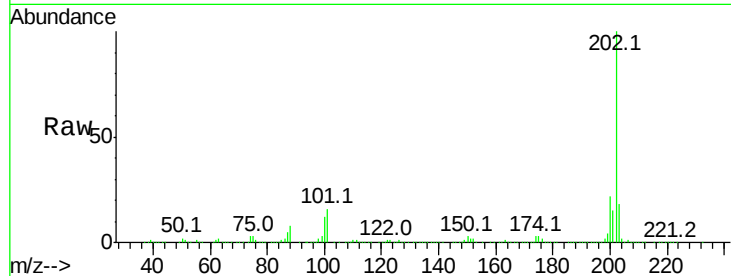
ClientSampleId :

26WARD-1B-CS-2(0-16FTBGS)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.6	0.0	35.4
203	18.1	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

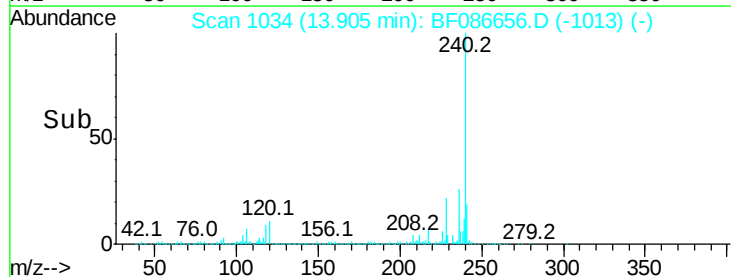
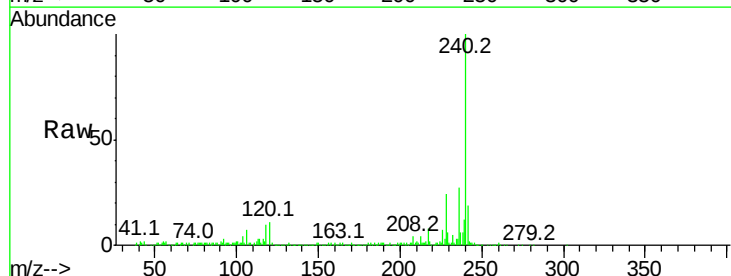
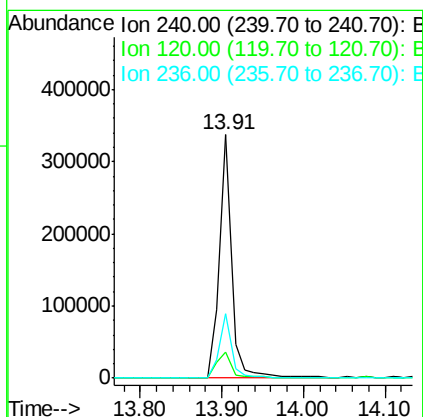
RT: 13.91 min Scan# 1034

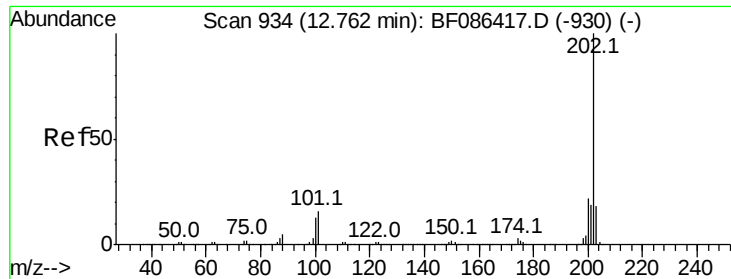
Delta R.T. -0.06 min

Lab File: BF086656.D

Acq: 3 May 2016 20:45

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.8	11.2	16.8#
236	26.6	21.2	31.8





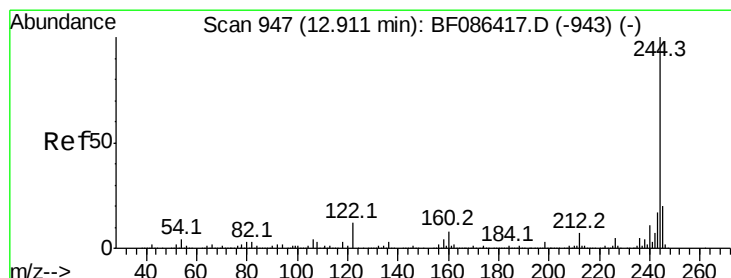
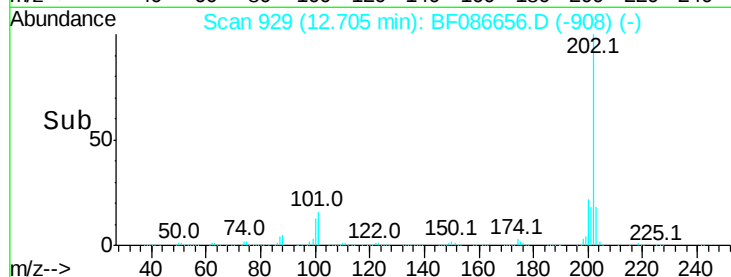
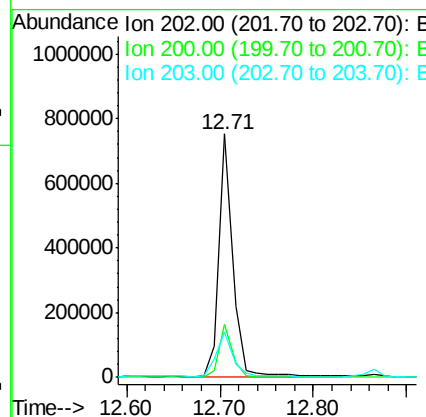
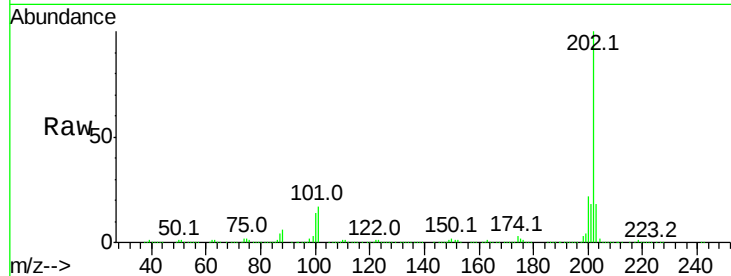
#77
Pvrene
Concen: 29.85 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.06 min
Lab File: BF086656.D
Acq: 3 May 2016 20:45

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-2(0-16FTBGS)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	17.7	26.5
203	18.4	14.2	21.4

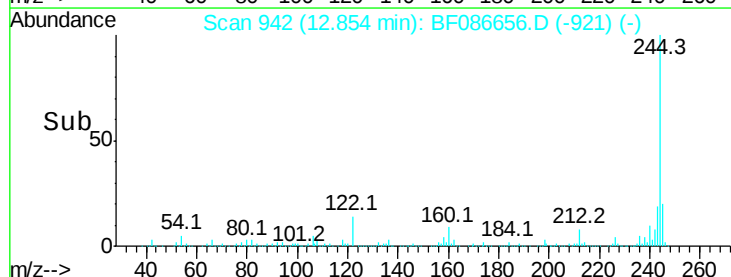
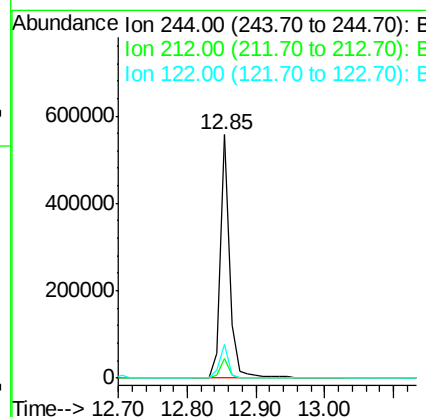
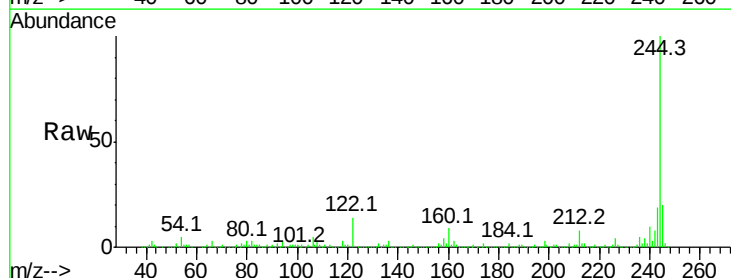
Manual Integrations
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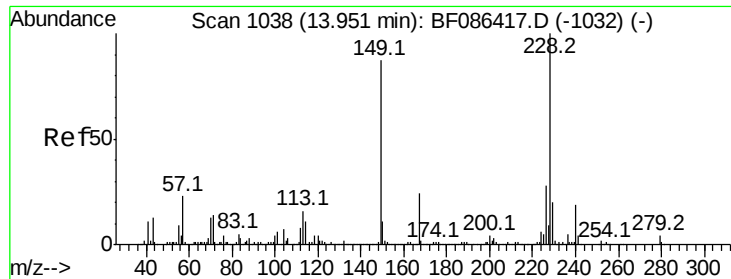
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#78
Terphenyl-d14
Concen: 33.73 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.06 min
Lab File: BF086656.D
Acq: 3 May 2016 20:45

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.9	6.2	9.2
122	13.8	12.0	18.0





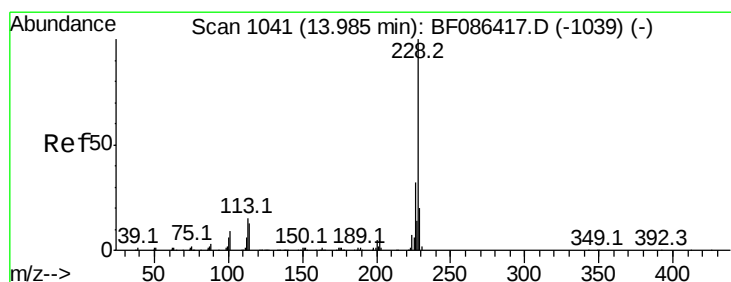
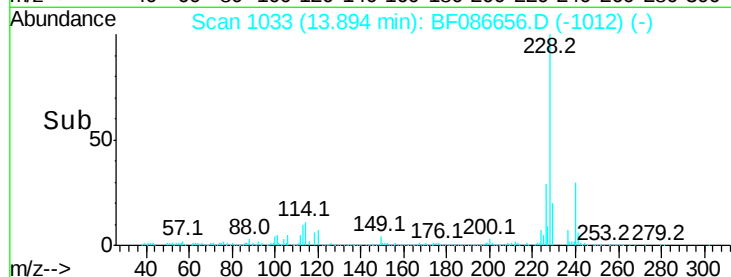
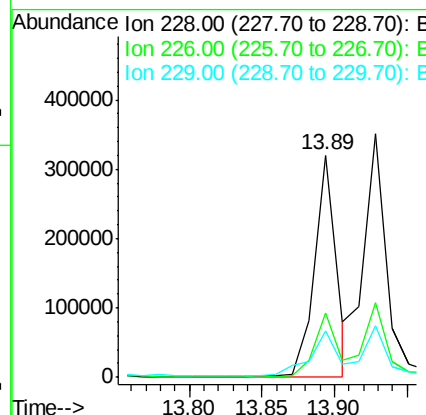
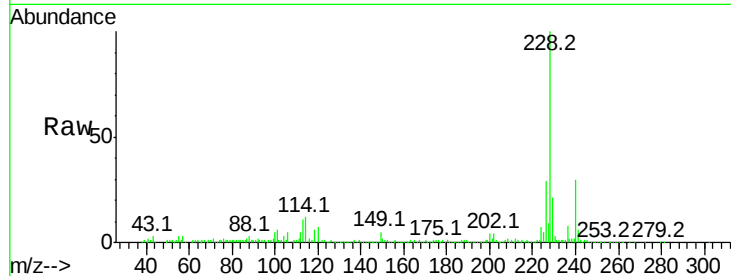
#80
Benzo(a)anthracene
Concen: 17.66 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.06 min
Lab File: BF086656.D
Acq: 3 May 2016 20:45

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-2(0-16FTBGS)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.5	33.7
229	21.1	16.6	25.0

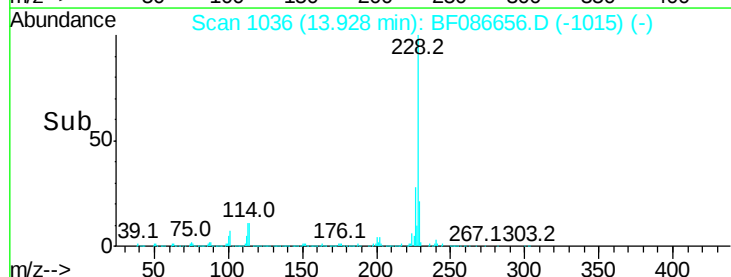
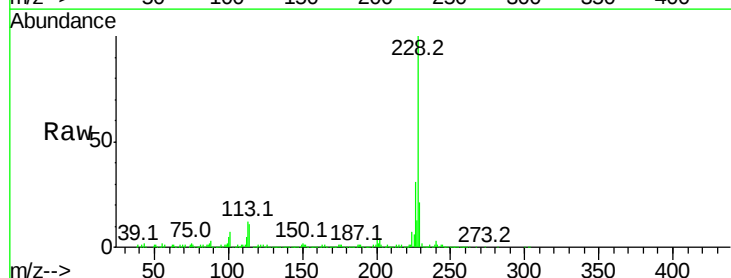
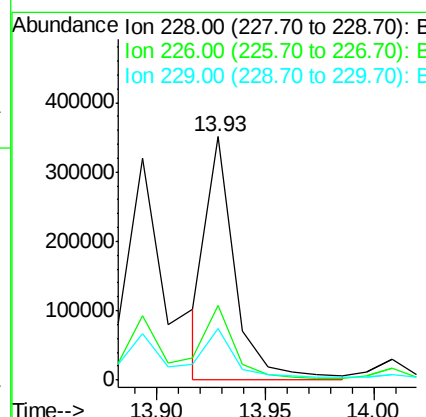
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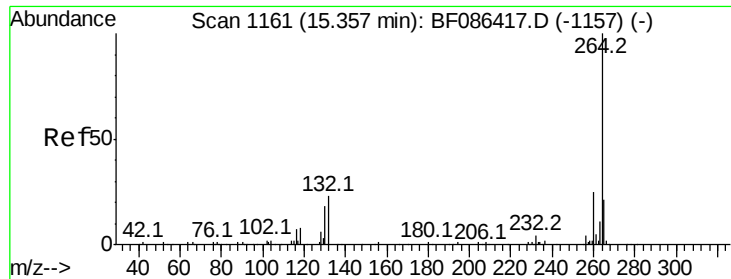
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#82
Chrysene
Concen: 15.33 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.06 min
Lab File: BF086656.D
Acq: 3 May 2016 20:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	21.4	15.8	23.8





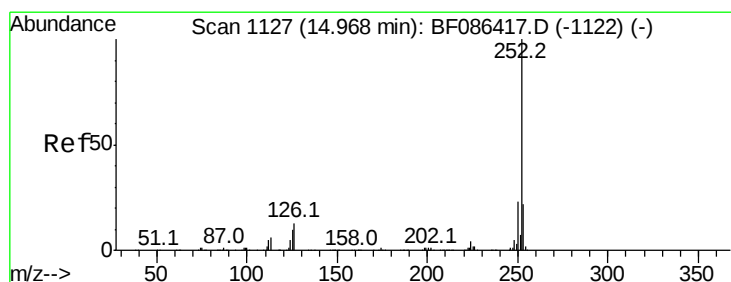
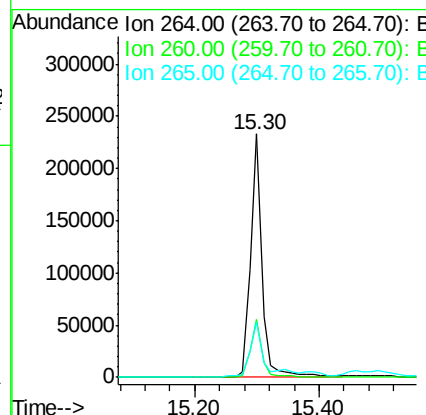
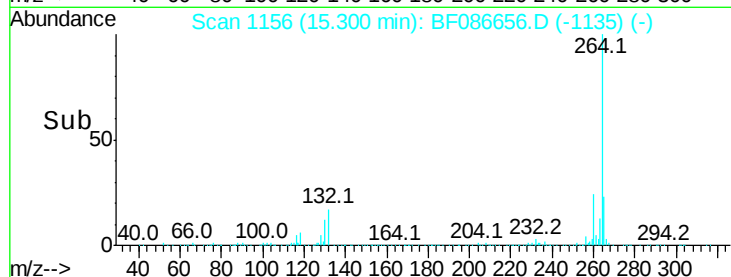
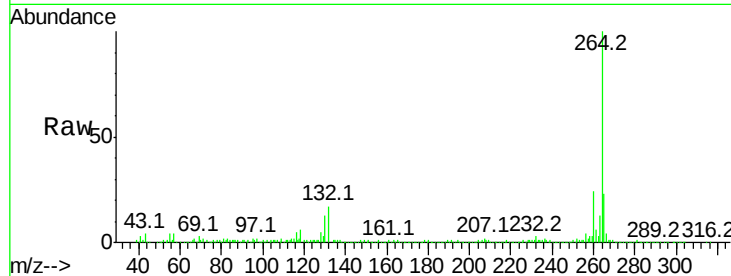
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF086656.D
Acq: 3 May 2016 20:45

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-2(0-16FTBGS)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.8	17.3	25.9

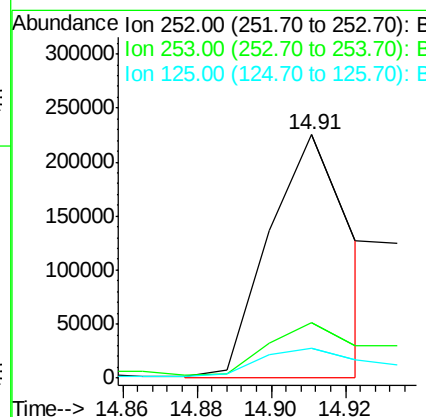
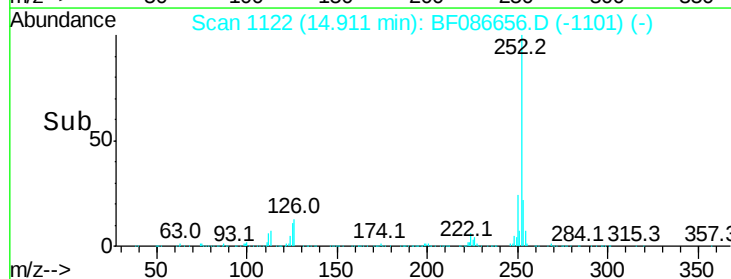
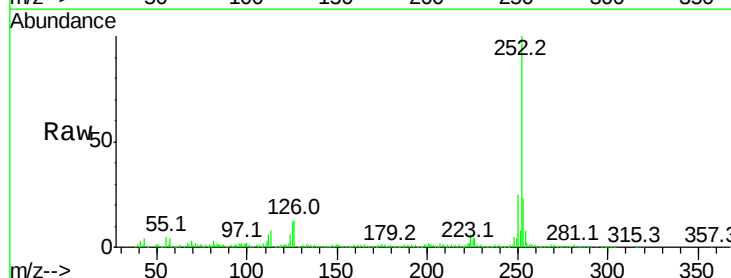
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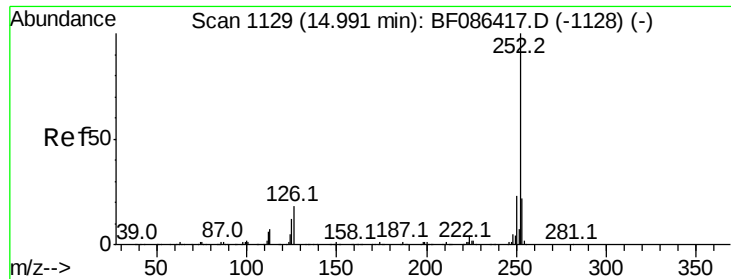
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#87
Benzo(b)fluoranthene
Concen: 19.26 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.06 min
Lab File: BF086656.D
Acq: 3 May 2016 20:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	12.2	11.4	17.0





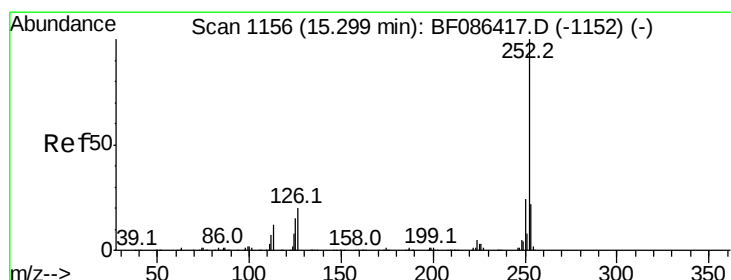
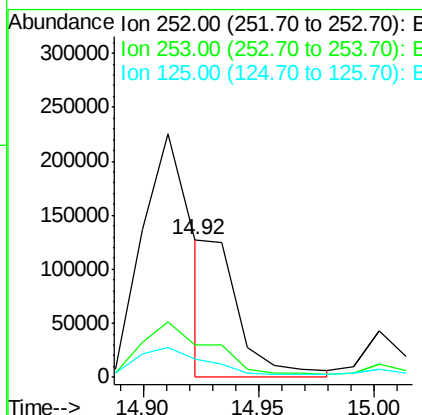
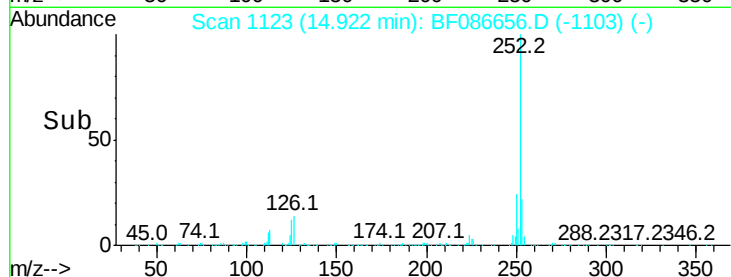
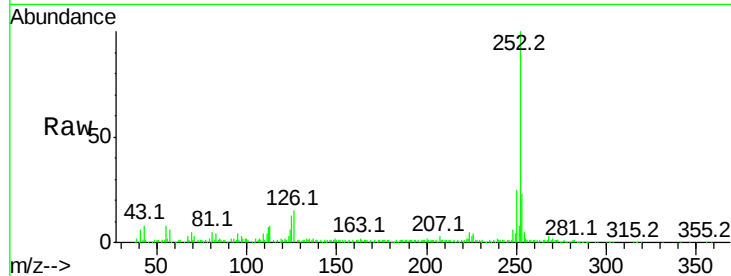
#88
Benzo(k)fluoranthene
Concen: 6.53 ng m
RT: 14.92 min Scan# 1123
Delta R.T. -0.07 min
Lab File: BF086656.D
Acq: 3 May 2016 20:45

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-2(0-16FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
252	100	120766		
253	23.2	17.8	26.6	
125	13.1	9.1	13.7	

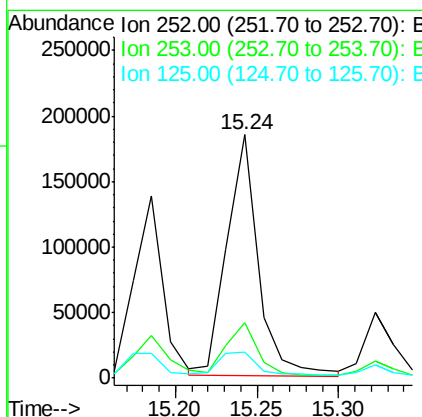
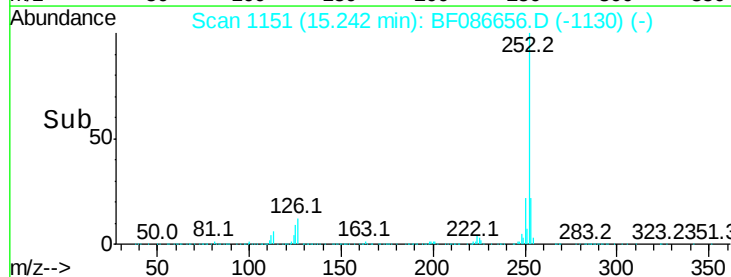
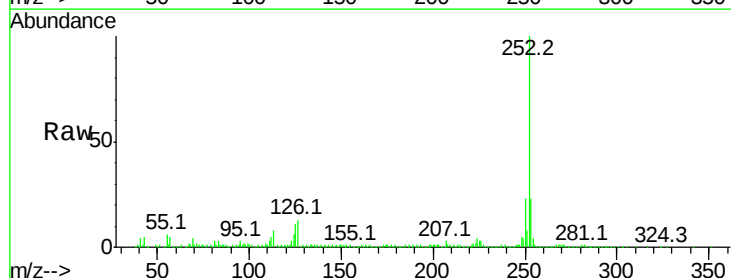
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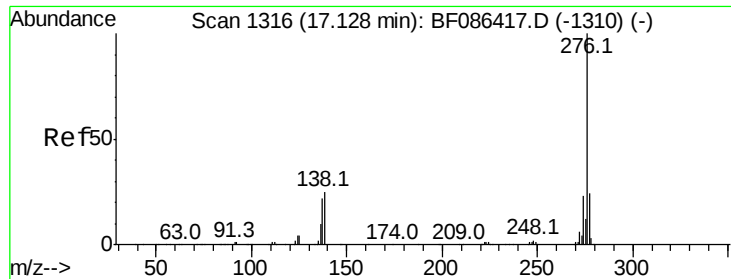
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#89
Benzo(a)pyrene
Concen: 14.70 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.06 min
Lab File: BF086656.D
Acq: 3 May 2016 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	245881		
253	23.0	17.2	25.8	
125	10.8	9.0	13.6	





#91
 Benzo(a,h,i)perylene
 Concen: 8.43 ng
 RT: 17.03 min Scan# 1307
 Delta R.T. -0.10 min
 Lab File: BF086656.D
 Acq: 3 May 2016 20:45

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-1B-CS-2(0-16FTBGS)

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	21.9	23.6	35.4

Manual Integrations
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