

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
 Data File : BF086484.D
 Acq On : 29 Apr 2016 1:15
 Operator : UM/SJ
 Sample : H2654-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-19(0-6FTBGS)

Manual Integrations
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Quant Time: Apr 29 06:55:31 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	143374	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	602503	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	242622	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	357892	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	304834	20.00	ng	-0.02
86) Perylene-d12	15.35	264	281246	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	843739	101.51	ng	-0.01
7) Phenol-d6	6.43	99	1243948	107.23	ng	-0.01
23) Nitrobenzene-d5	7.36	82	831075	74.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	148306	57.96	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1133810	80.93	ng	-0.02
78) Terphenyl-d14	12.89	244	760969	55.00	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	171374	9.38	ng	99
70) Phenanthrene	11.33	178	98587	5.25	ng	98
74) Fluoranthene	12.51	202	143814	7.59	ng	98
77) Pyrene	12.74	202	134788	6.14	ng	98
80) Benzo(a)anthracene	13.93	228	80116	4.93	ng	98
82) Chrysene	13.96	228	60886m	3.45	ng	
85) Indeno(1,2,3-cd)pyrene	16.68	276	41029	3.13	ng	96
87) Benzo(b)fluoranthene	14.95	252	90382m	5.46	ng	
88) Benzo(k)fluoranthene	14.96	252	46975m	2.72	ng	
89) Benzo(a)pyrene	15.29	252	67585	4.33	ng	# 92
91) Benzo(g,h,i)perylene	17.09	276	37705	2.94	ng	96

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

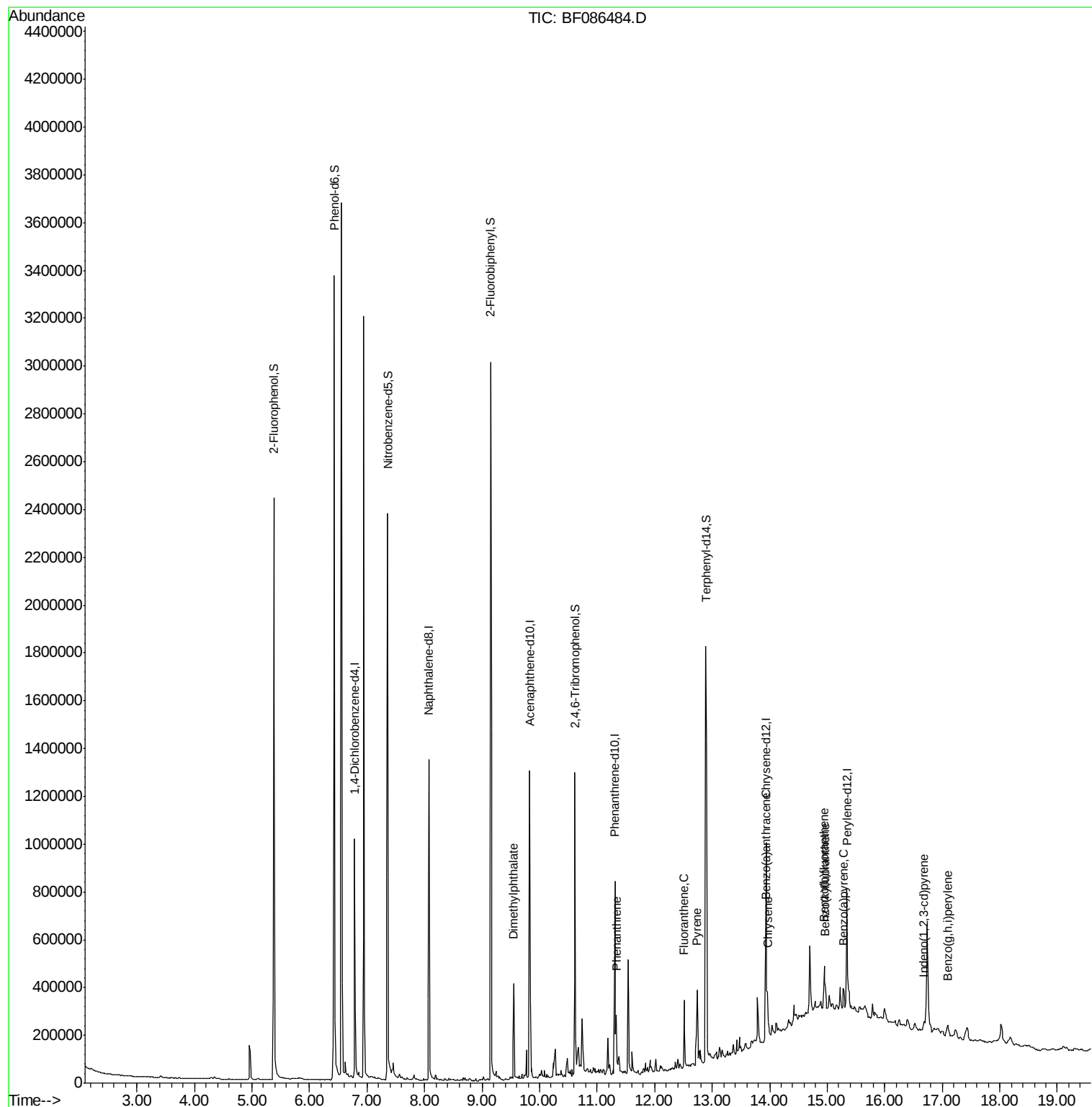
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

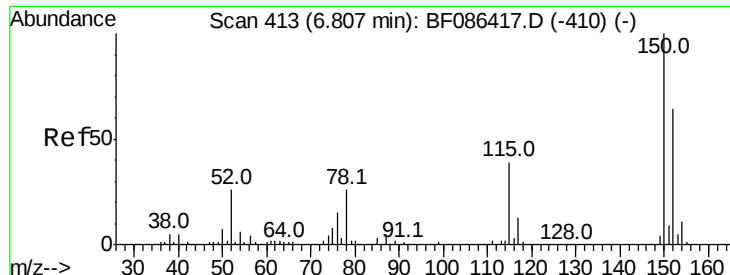
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF086484.D

Acq: 29 Apr 2016 1:15

Instrument :

BNA_F

ClientSampleId :

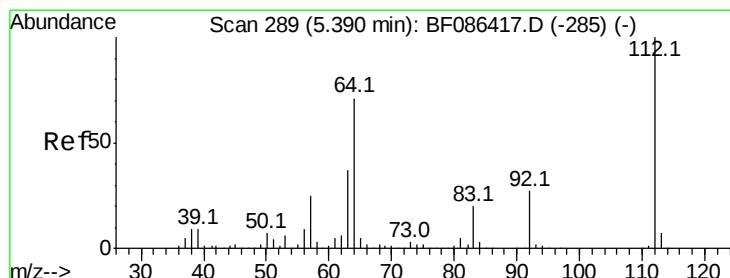
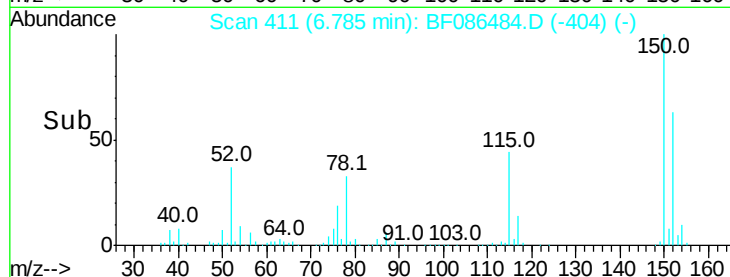
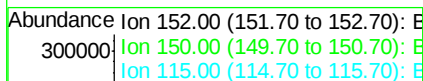
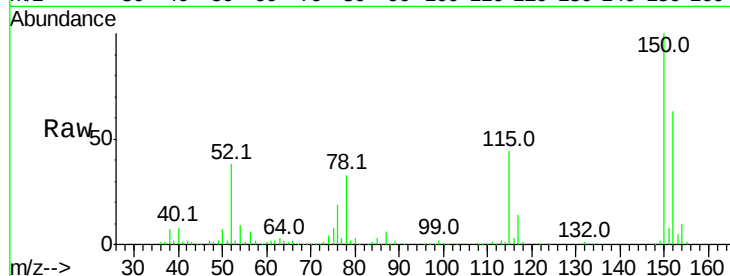
26WARD-2A-CS-19(0-6FTBGS)

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Tot Ion:	152	Resp:	143374
Ion Ratio	Lower	Upper	
152	100		
150	159.3	125.8	188.6
115	69.9	51.5	77.3



#5

2-Fluorophenol

Concen: 101.51 ng

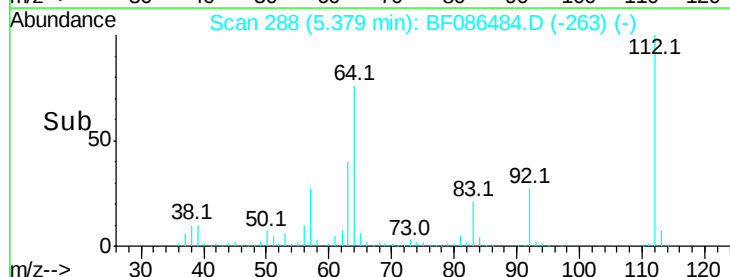
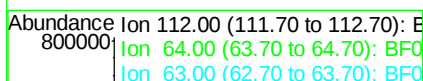
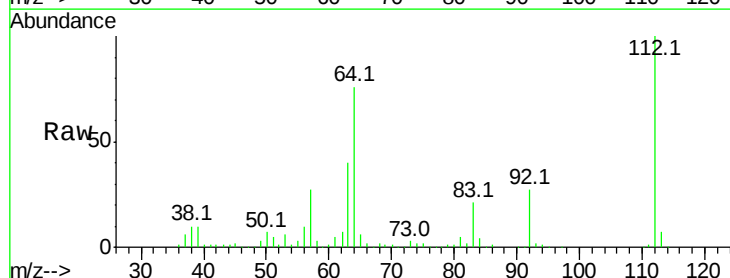
RT: 5.38 min Scan# 288

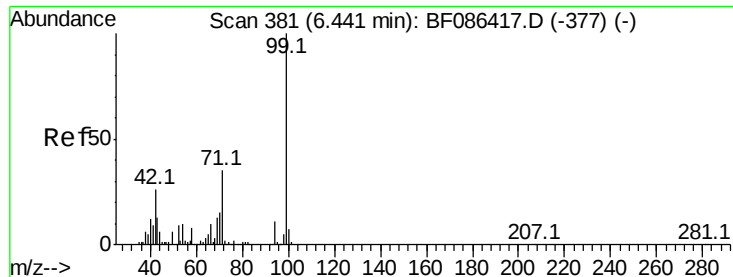
Delta R.T. -0.01 min

Lab File: BF086484.D

Acq: 29 Apr 2016 1:15

Tgt Ion:	112	Resp:	843739
Ion Ratio	Lower	Upper	
112	100		
64	76.1	52.1	78.1
63	40.2	25.7	38.5





#7

Phenol-d6

Concen: 107.23 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086484.D

Acq: 29 Apr 2016 1:15

Instrument :

BNA_F

ClientSampleId :

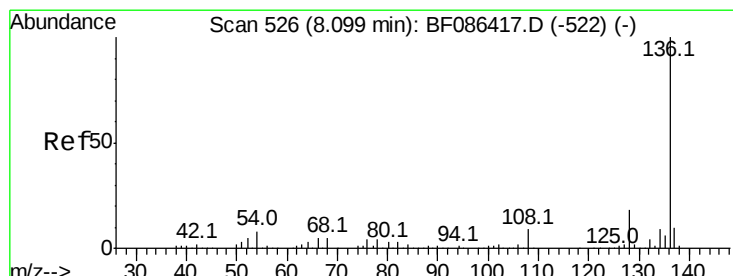
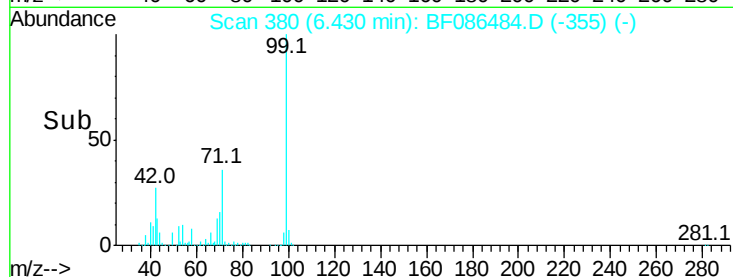
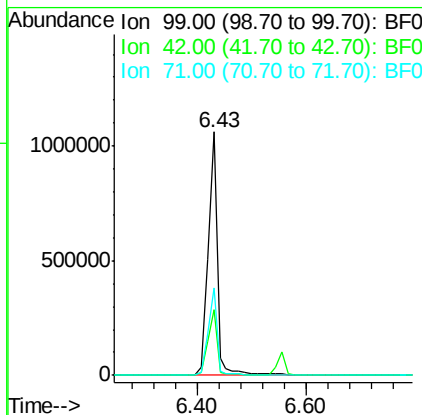
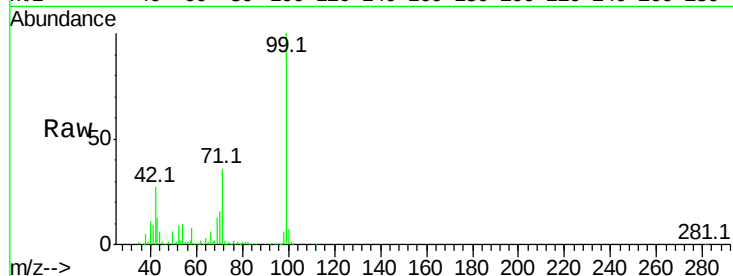
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Tot Ion:	99	Resp:	1243948
Ion	Ratio	Lower	Upper
99	100		
42	26.9	13.6	20.4#
71	35.7	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

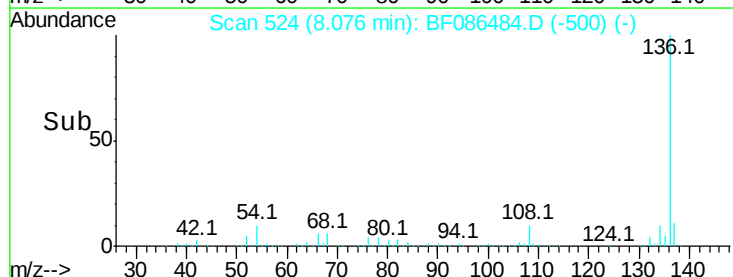
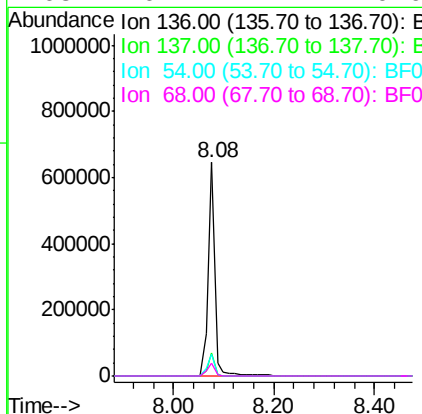
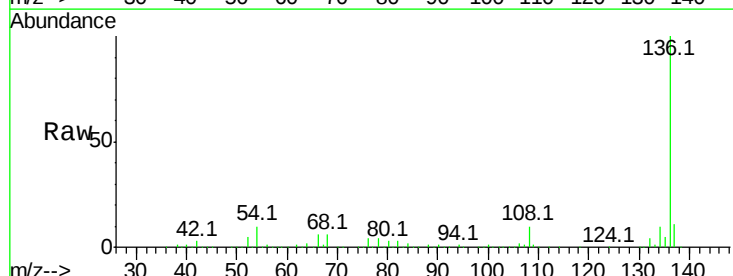
RT: 8.08 min Scan# 524

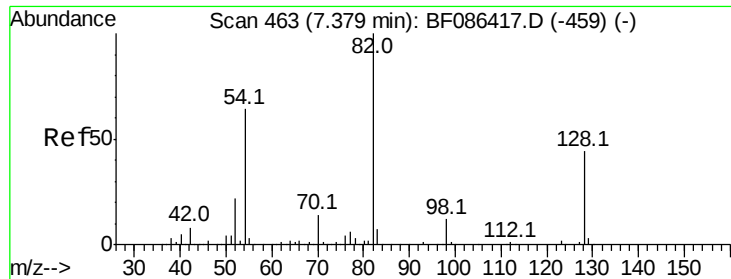
Delta R.T. -0.02 min

Lab File: BF086484.D

Acq: 29 Apr 2016 1:15

Tgt Ion:	136	Resp:	602503
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.2	5.0	7.4#
68	6.2	4.4	6.6





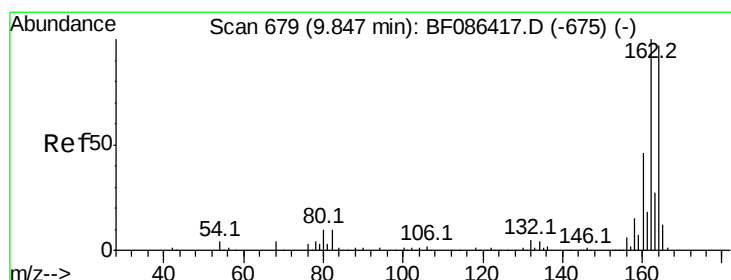
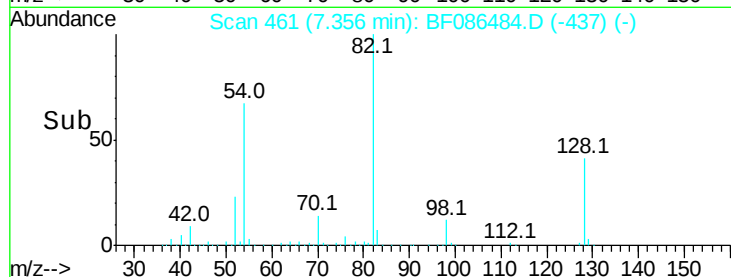
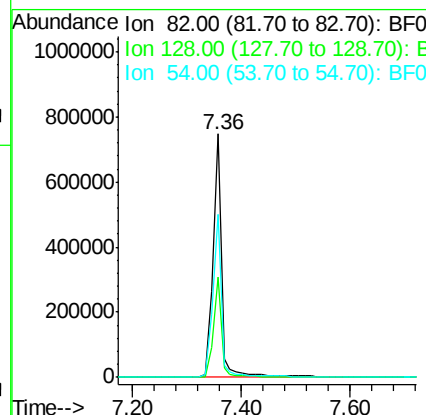
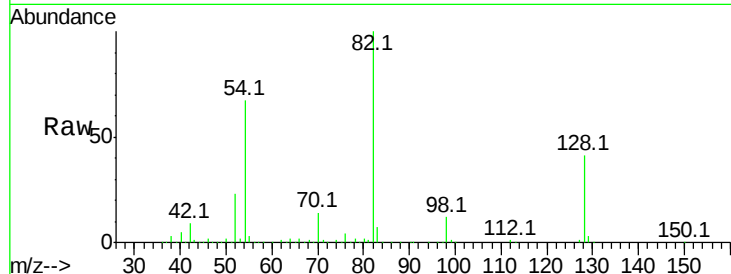
#23
Nitrobenzene-d5
Concen: 74.35 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF086484.D
Acq: 29 Apr 2016 1:15

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-19(0-6FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.3	40.6	61.0	
54	66.9	38.1	57.1	

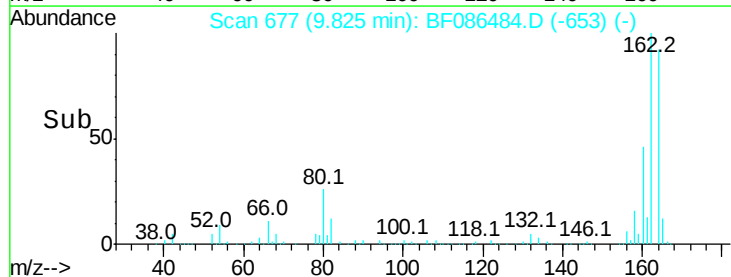
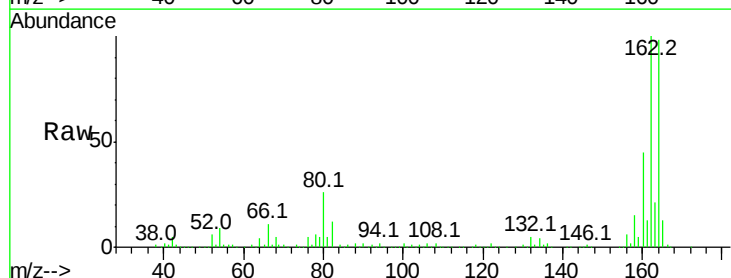
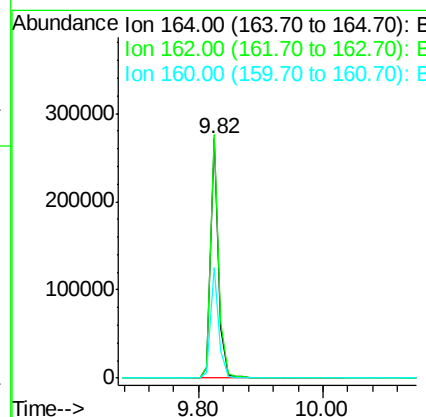
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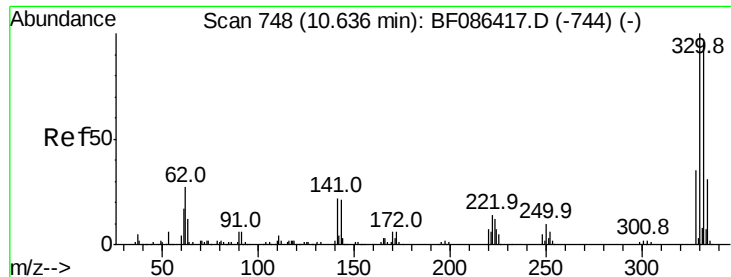
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF086484.D
Acq: 29 Apr 2016 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.6	82.8	124.2	
160	46.0	36.9	55.3	





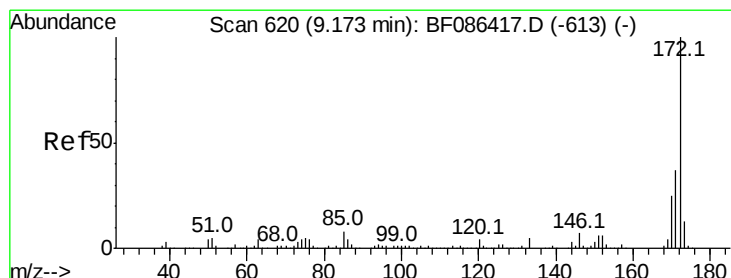
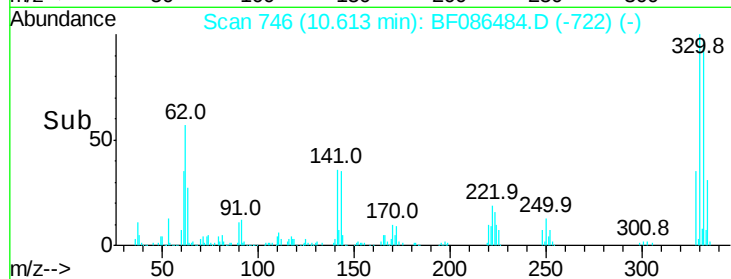
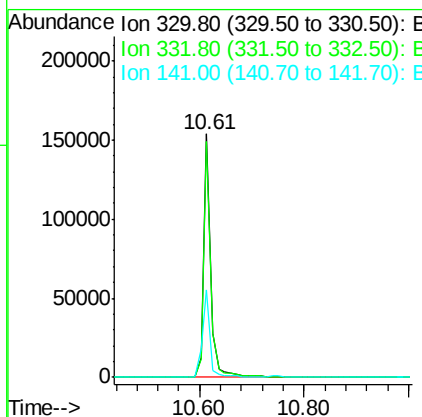
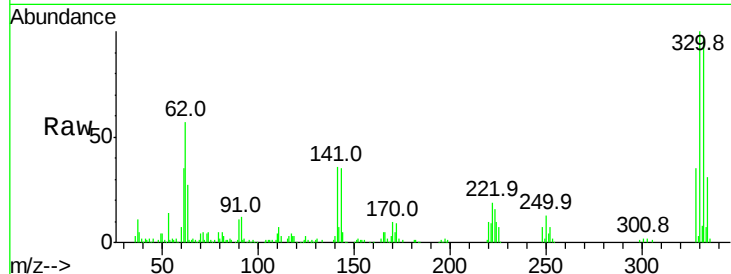
#41
 2,4,6-Tribromophenol
 Concen: 57.96 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF086484.D
 Acq: 29 Apr 2016 1:15

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-19(0-6FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	148306		
332	97.0	79.0	118.4	
141	38.6	31.2	46.8	

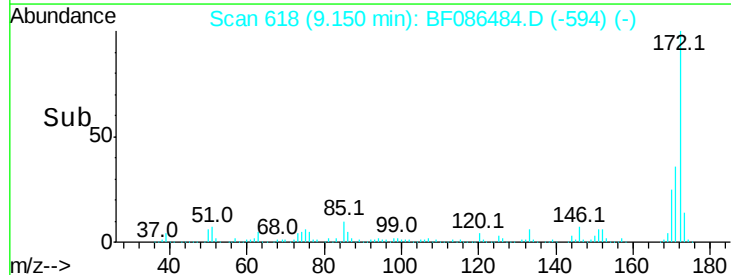
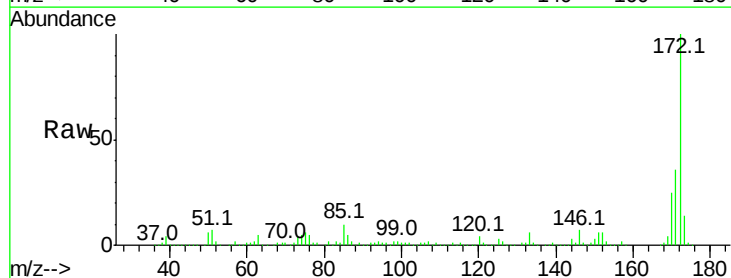
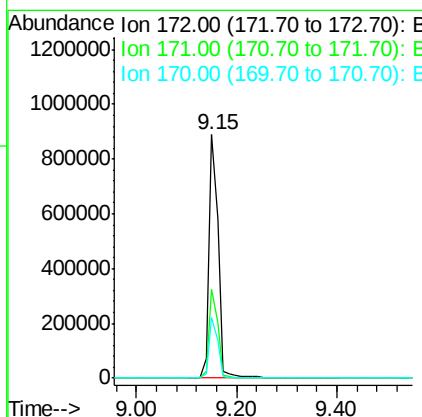
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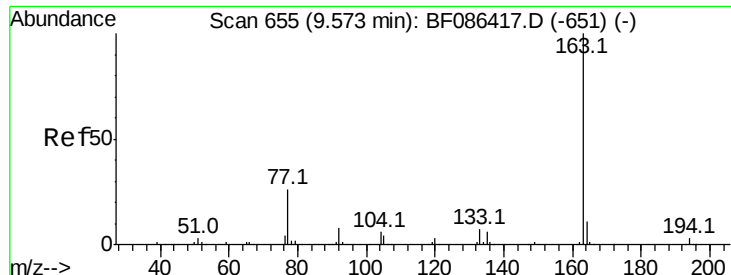
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#44
 2-Fluorobiphenyl
 Concen: 80.93 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF086484.D
 Acq: 29 Apr 2016 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1133810		
171	36.4	29.0	43.6	
170	24.6	19.8	29.8	





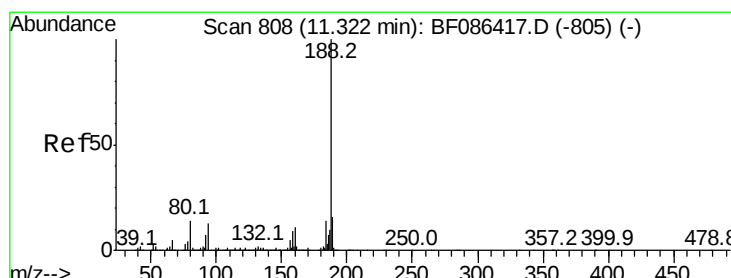
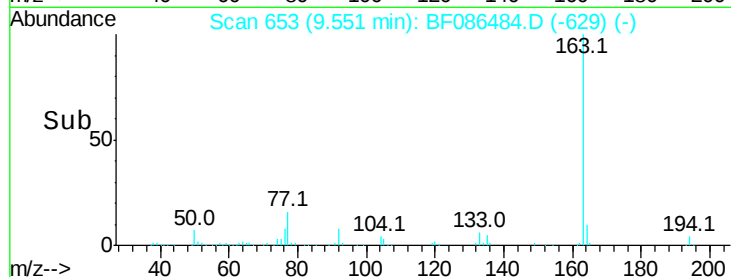
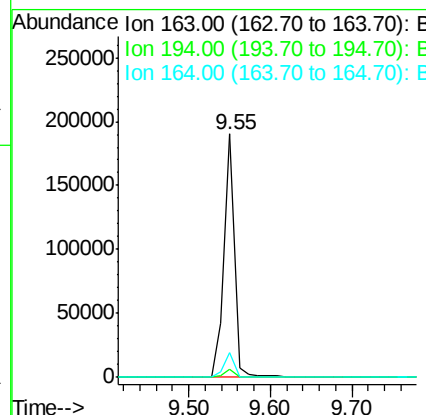
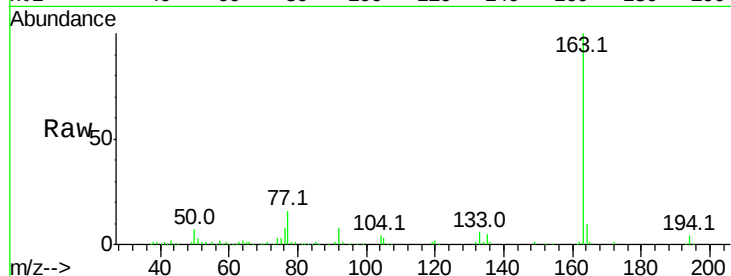
#49
Dimethylphthalate
Concen: 9.38 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF086484.D
Acq: 29 Apr 2016 1:15

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-19(0-6FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	171374		
194	3.6	2.6	4.0	
164	9.9	8.2	12.4	

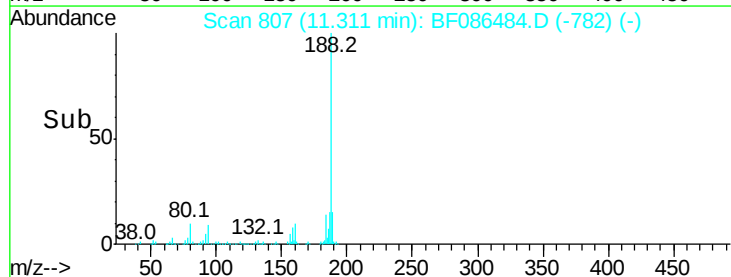
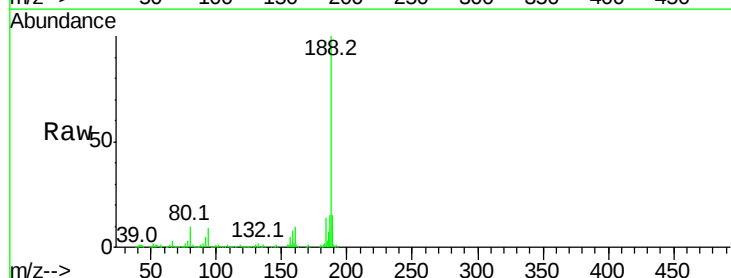
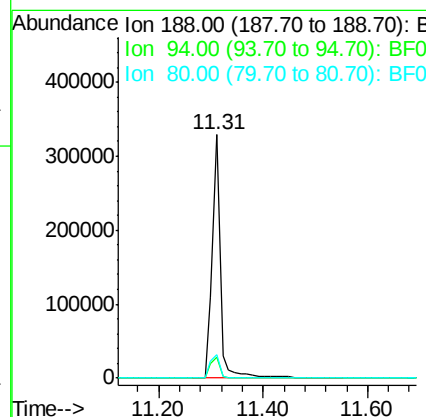
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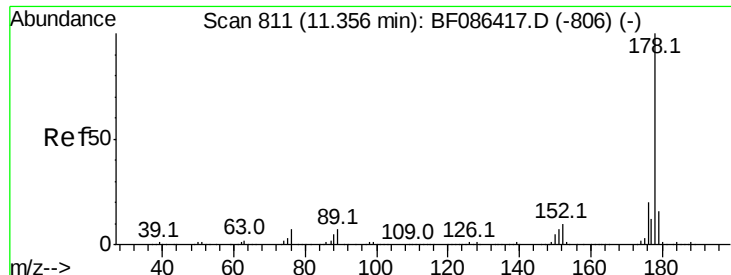
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF086484.D
Acq: 29 Apr 2016 1:15

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	357892		
94	8.8	6.8	10.2	
80	9.6	7.1	10.7	





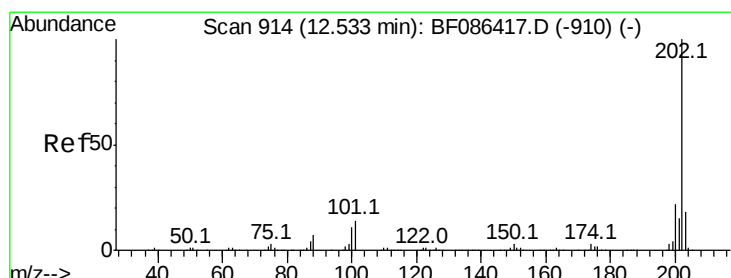
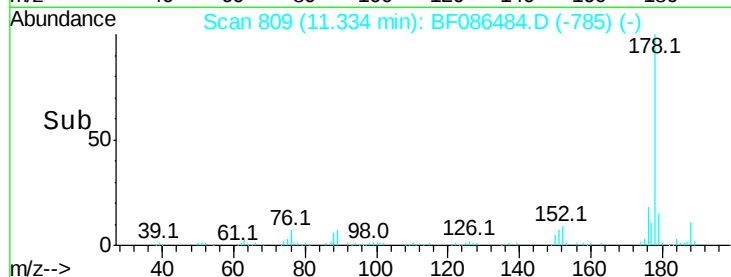
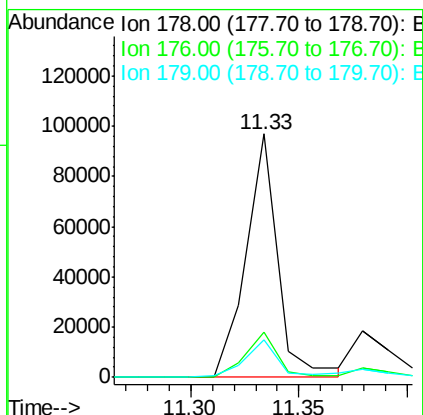
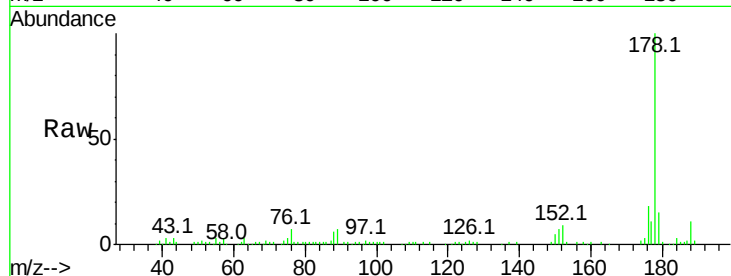
#70
Phenanthrene
Concen: 5.25 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF086484.D
Acq: 29 Apr 2016 1:15

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-19(0-6FTBGS)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.0	24.0
179	15.3	12.6	18.8

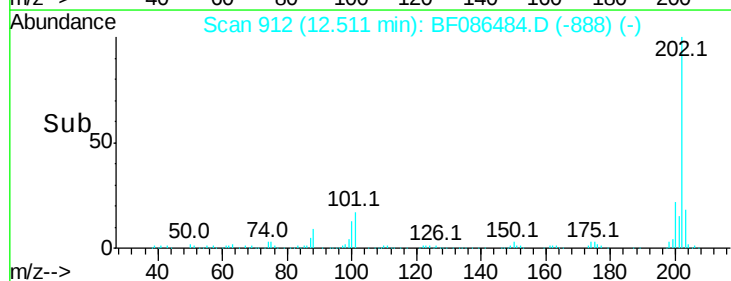
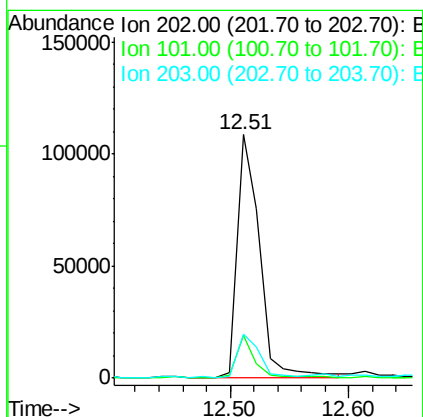
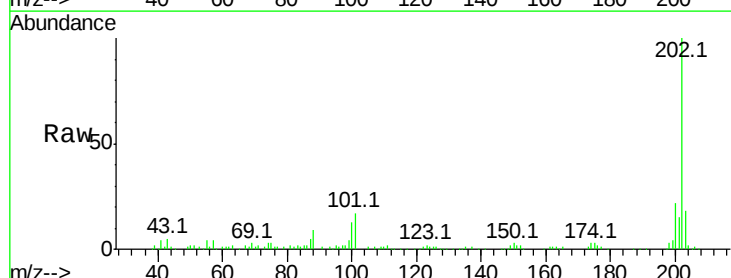
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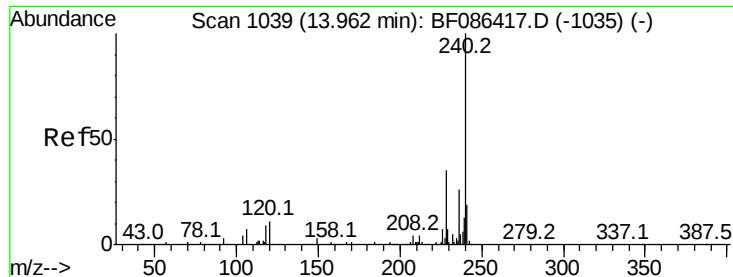
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#74
Fluoranthene
Concen: 7.59 ng
RT: 12.51 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF086484.D
Acq: 29 Apr 2016 1:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.4	0.0	35.4
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF086484.D

Acq: 29 Apr 2016 1:15

Instrument :

BNA_F

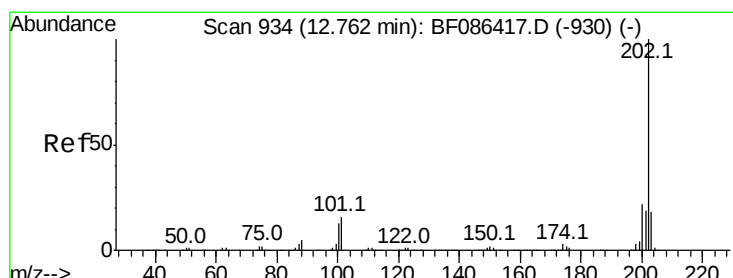
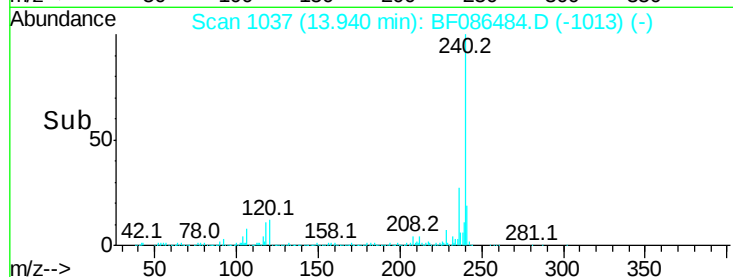
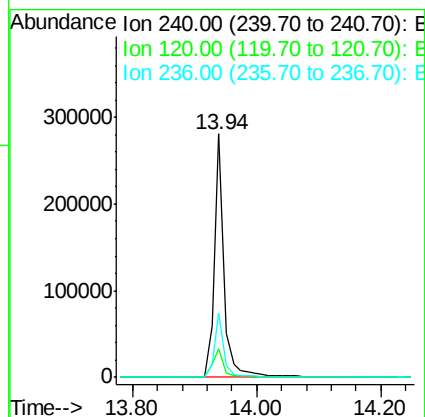
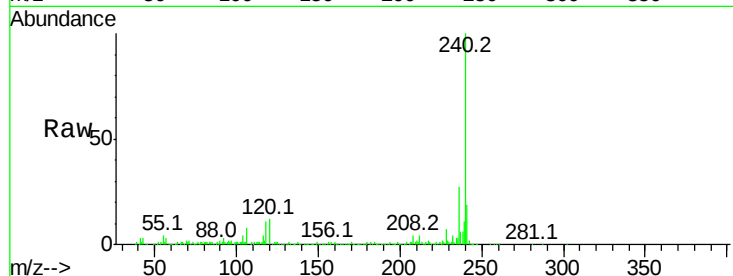
ClientSampleId :

26WARD-2A-CS-19(0-6FTBGS)

Tot Ion:	240	Resp:	304834
Ion Ratio	Lower	Upper	
240	100		
120	11.9	11.2	16.8
236	26.6	21.2	31.8

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#77

Pyrene

Concen: 6.14 ng

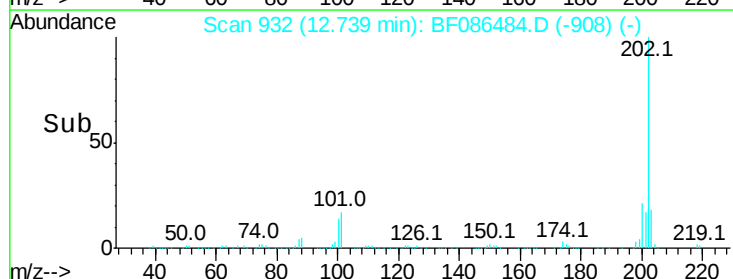
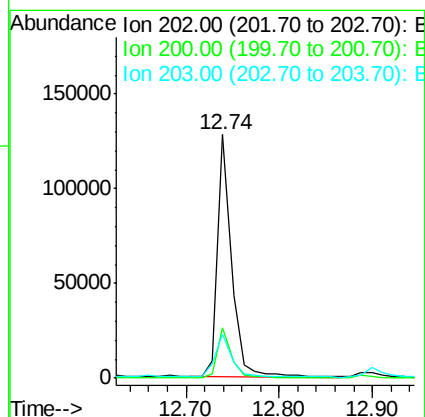
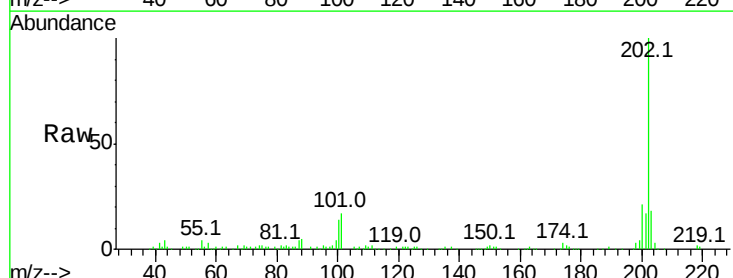
RT: 12.74 min Scan# 932

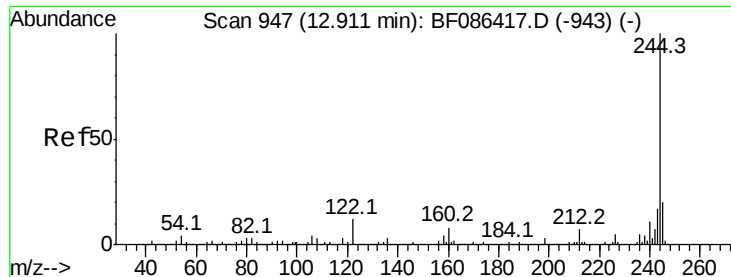
Delta R.T. -0.02 min

Lab File: BF086484.D

Acq: 29 Apr 2016 1:15

Tgt Ion:	202	Resp:	134788
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.7	26.5
203	18.2	14.2	21.4





#78

Terphenyl-d14

Concen: 55.00 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF086484.D

Acq: 29 Apr 2016 1:15

Instrument :

BNA_F

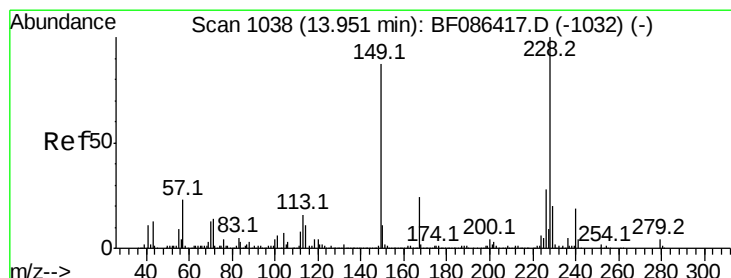
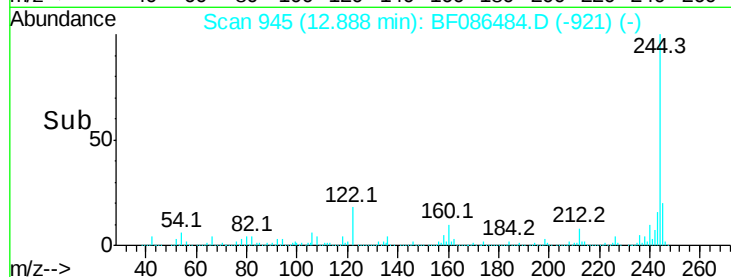
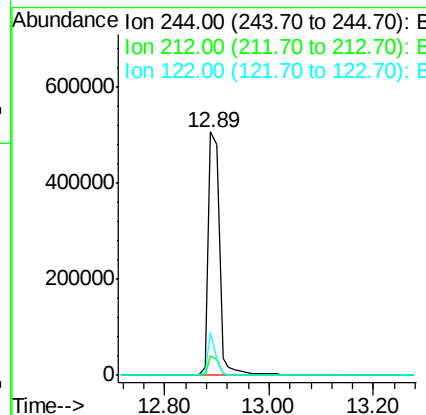
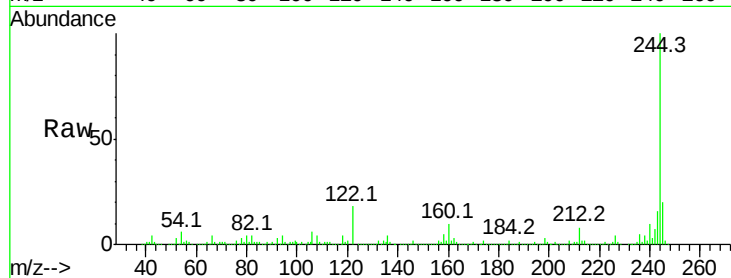
ClientSampleId :

26WARD-2A-CS-19(0-6FTBGS)

Tot Ion:	244	Resp:	760969
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.2	9.2
122	17.6	12.0	18.0

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#80

Benzo(a)anthracene

Concen: 4.93 ng

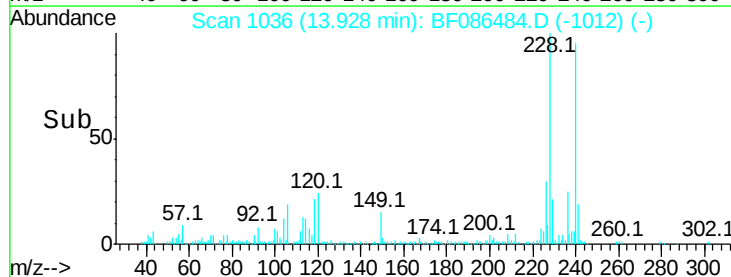
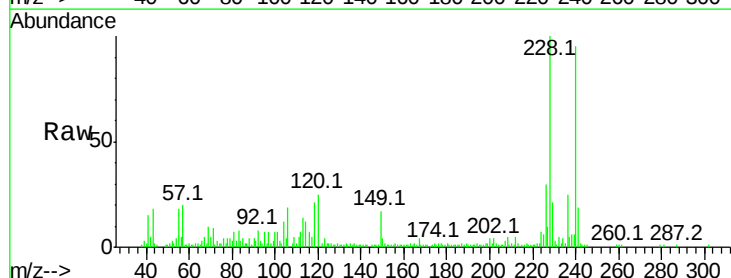
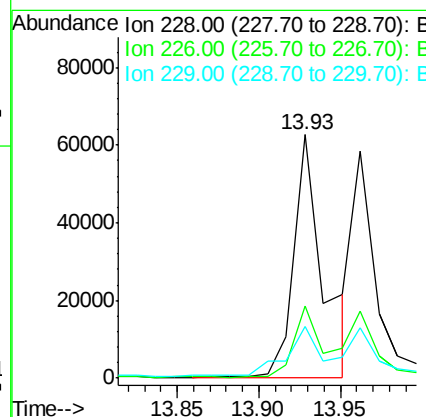
RT: 13.93 min Scan# 1036

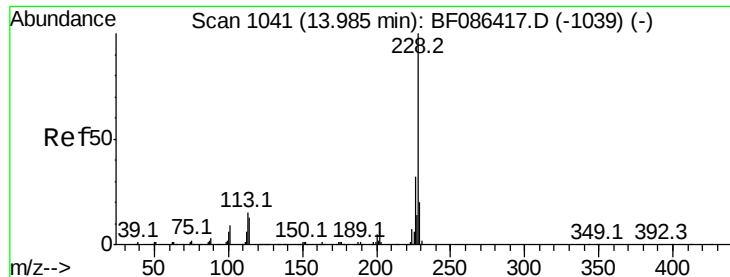
Delta R.T. -0.02 min

Lab File: BF086484.D

Acq: 29 Apr 2016 1:15

Tgt Ion:	228	Resp:	80116
Ion Ratio	Lower	Upper	
228	100		
226	29.6	22.5	33.7
229	21.4	16.6	25.0





#82

Chrysene

Concen: 3.45 ng/mL

RT: 13.96 min Scan# 1039

Delta R.T. -0.02 min

Lab File: BF086484.D

Acq: 29 Apr 2016 1:15

Instrument :

BNA_F

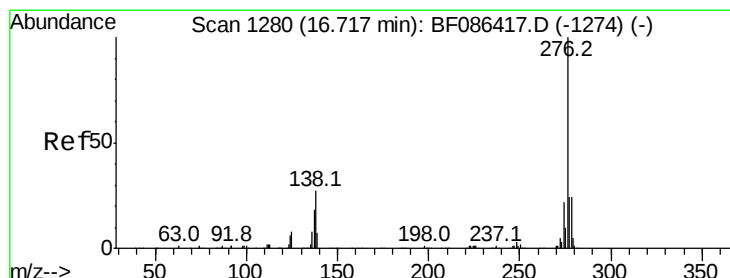
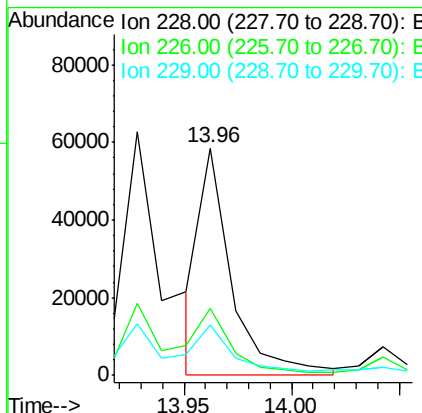
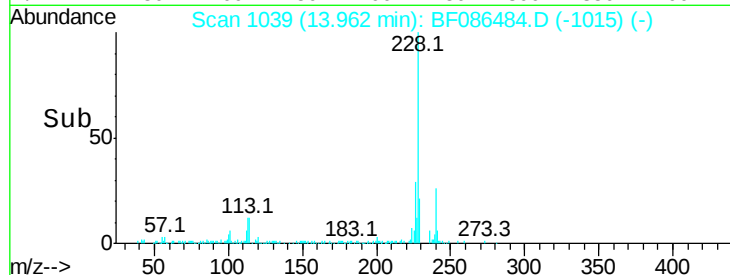
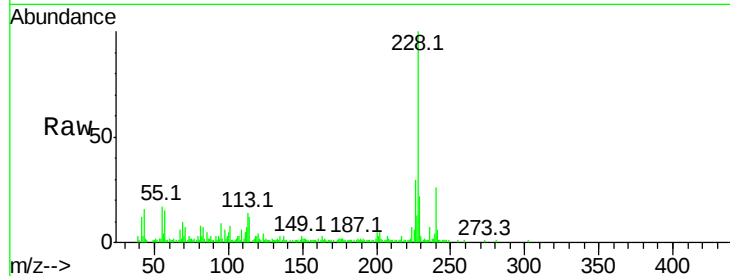
ClientSampleId :

26WARD-2A-CS-19(0-6FTBGS)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.4	36.6
229	22.1	15.8	23.8

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#85

Indeno(1,2,3-cd)pyrene

Concen: 3.13 ng/mL

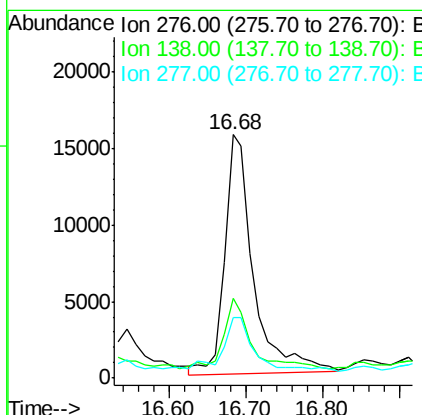
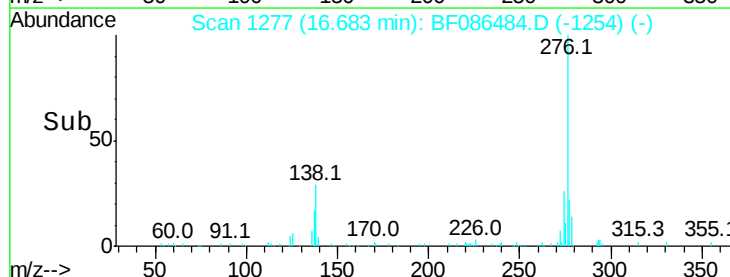
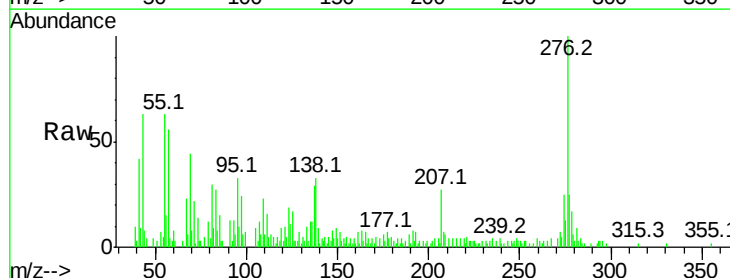
RT: 16.68 min Scan# 1277

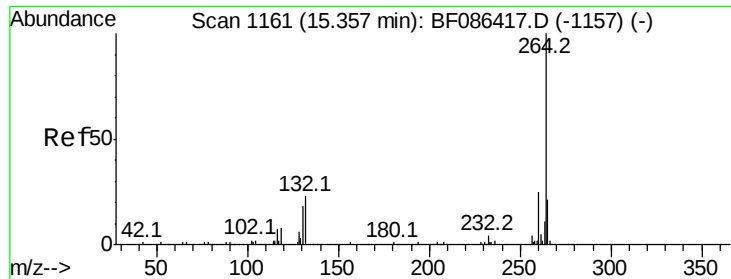
Delta R.T. -0.03 min

Lab File: BF086484.D

Acq: 29 Apr 2016 1:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.1	25.6	38.4
277	25.5	20.5	30.7





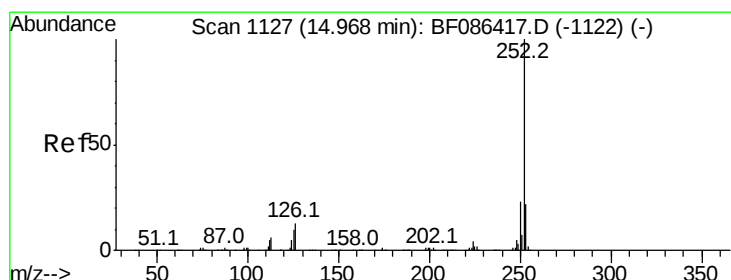
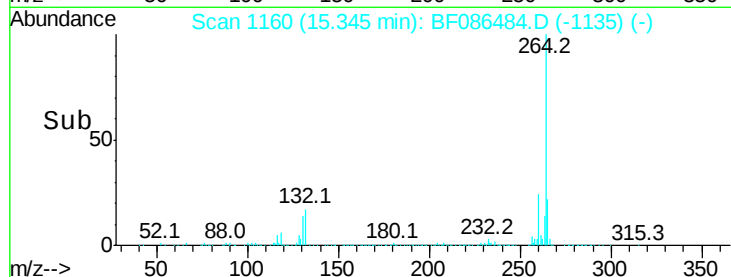
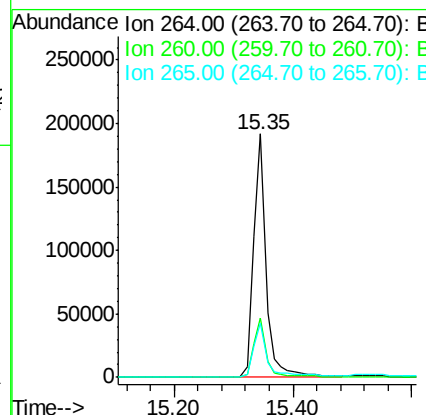
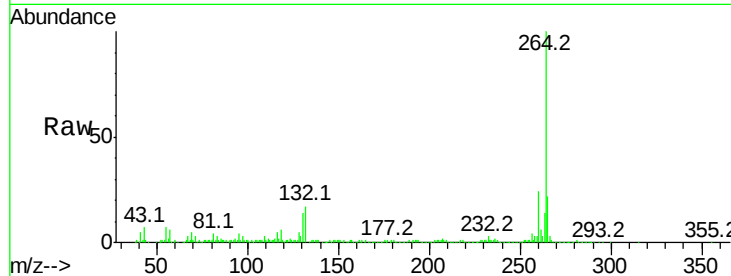
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF086484.D
Acq: 29 Apr 2016 1:15

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-19(0-6FTBGS)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.1	17.3	25.9

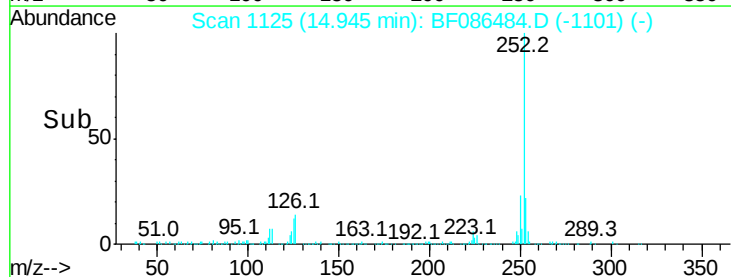
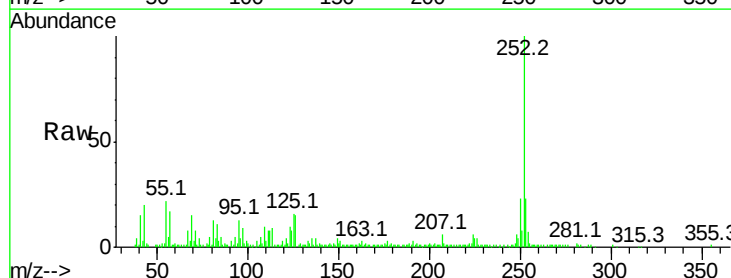
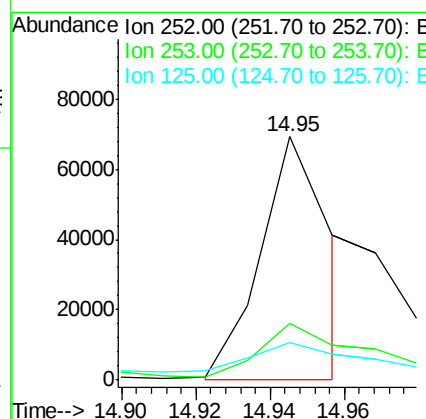
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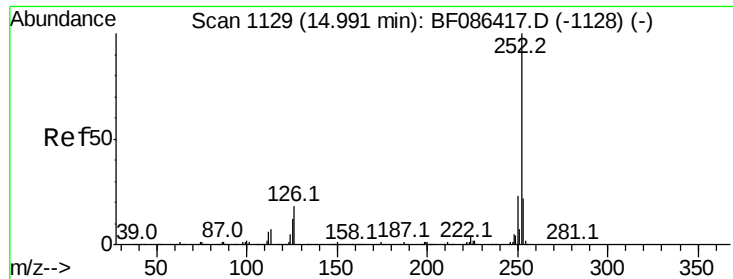
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#87
Benzo(b)fluoranthene
Concen: 5.46 ng m
RT: 14.95 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BF086484.D
Acq: 29 Apr 2016 1:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	15.6	11.4	17.0





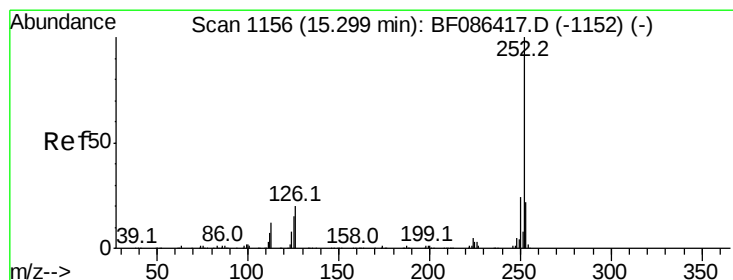
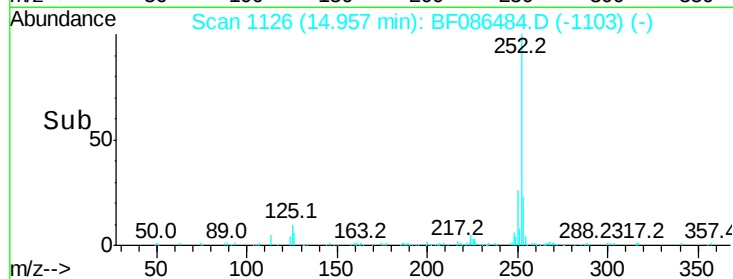
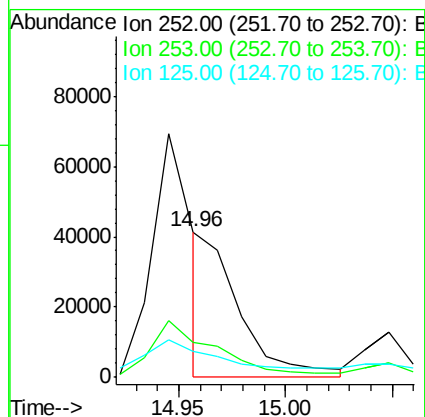
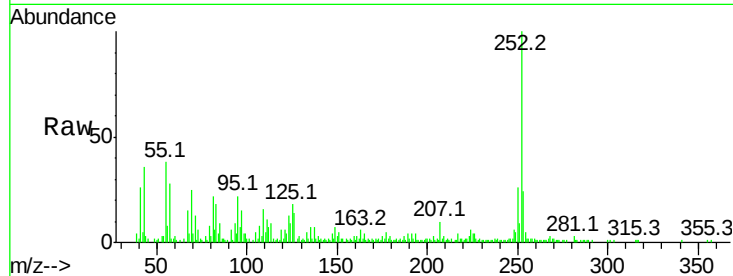
#88
Benzo(k)fluoranthene
Concen: 2.72 ng m
RT: 14.96 min Scan# 1126
Delta R.T. -0.03 min
Lab File: BF086484.D
Acq: 29 Apr 2016 1:15

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-19(0-6FTBGS)

Tot Ion:	252	Resp:	46975
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.8	26.6
125	17.7	9.1	13.7#

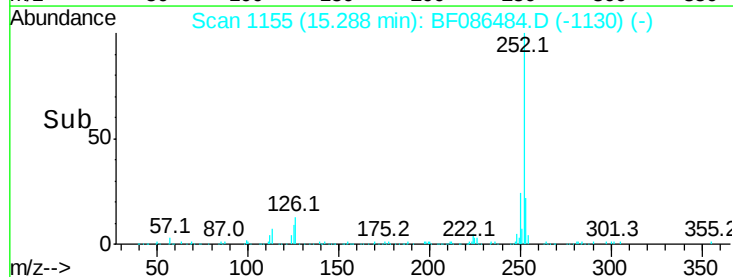
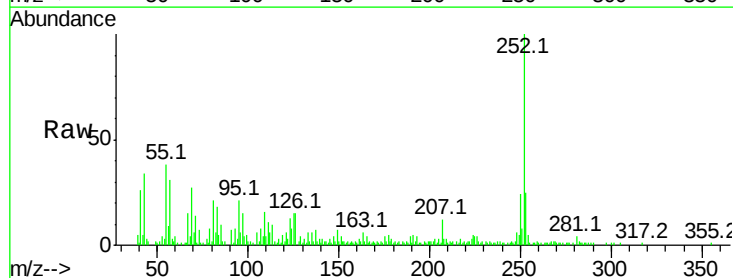
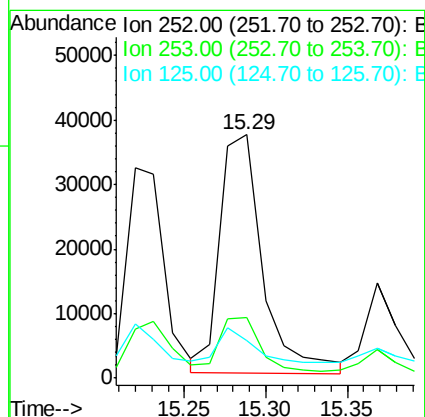
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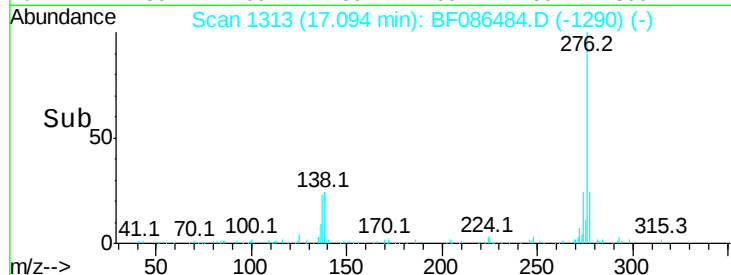
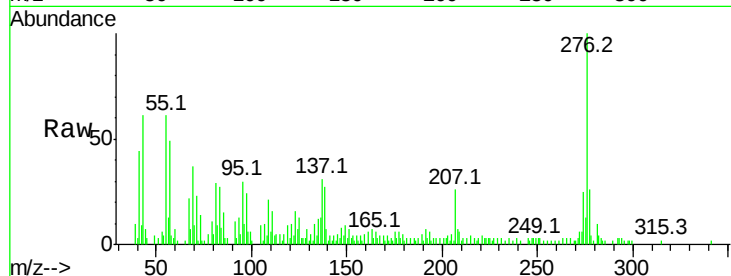
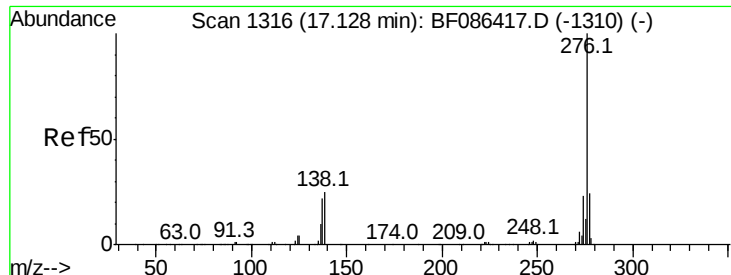
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#89
Benzo(a)pyrene
Concen: 4.33 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF086484.D
Acq: 29 Apr 2016 1:15

Tgt Ion:	252	Resp:	67585
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.2	25.8
125	15.4	9.0	13.6#





#91
 Benzo(a,h,i)perylene
 Concen: 2.94 ng
 RT: 17.09 min Scan# 1313
 Delta R.T. -0.03 min
 Lab File: BF086484.D
 Acq: 29 Apr 2016 1:15

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-19(0-6FTBGS)

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.6	29.4
138	27.1	23.6	35.4

Manual Integrations
 APPROVED

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