

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
 Data File : BF086492.D
 Acq On : 29 Apr 2016 15:13
 Operator : UM/SJ
 Sample : H2685-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-10(6-12FTBGS)

Manual Integrations
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Quant Time: May 02 11:14:32 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	6.77	152	159097	20.00	ng	-0.03
21) Naphthalene-d8	8.06	136	681501	20.00	ng	-0.03
38) Acenaphthene-d10	9.81	164	324738	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	585928	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	402611	20.00	ng	-0.03
86) Perylene-d12	15.32	264	330459	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1234373	133.83	ng	-0.01
7) Phenol-d6	6.42	99	1629255	126.56	ng	-0.02
23) Nitrobenzene-d5	7.34	82	1195438	94.55	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	414537	121.05	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1804768	101.17	ng	-0.03
78) Terphenyl-d14	12.89	244	1572849	86.07	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	384454	15.73	ng	98
70) Phenanthrene	11.32	178	220933	7.19	ng	98
74) Fluoranthene	12.50	202	254558	8.20	ng	97
77) Pyrene	12.73	202	213921	7.37	ng	99
80) Benzo(a)anthracene	13.92	228	76483	3.56	ng	98
82) Chrysene	13.95	228	74285m	3.18	ng	
87) Benzo(b)fluoranthene	14.92	252	74791m	3.85	ng	
89) Benzo(a)pyrene	15.27	252	52174	2.84	ng	96

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

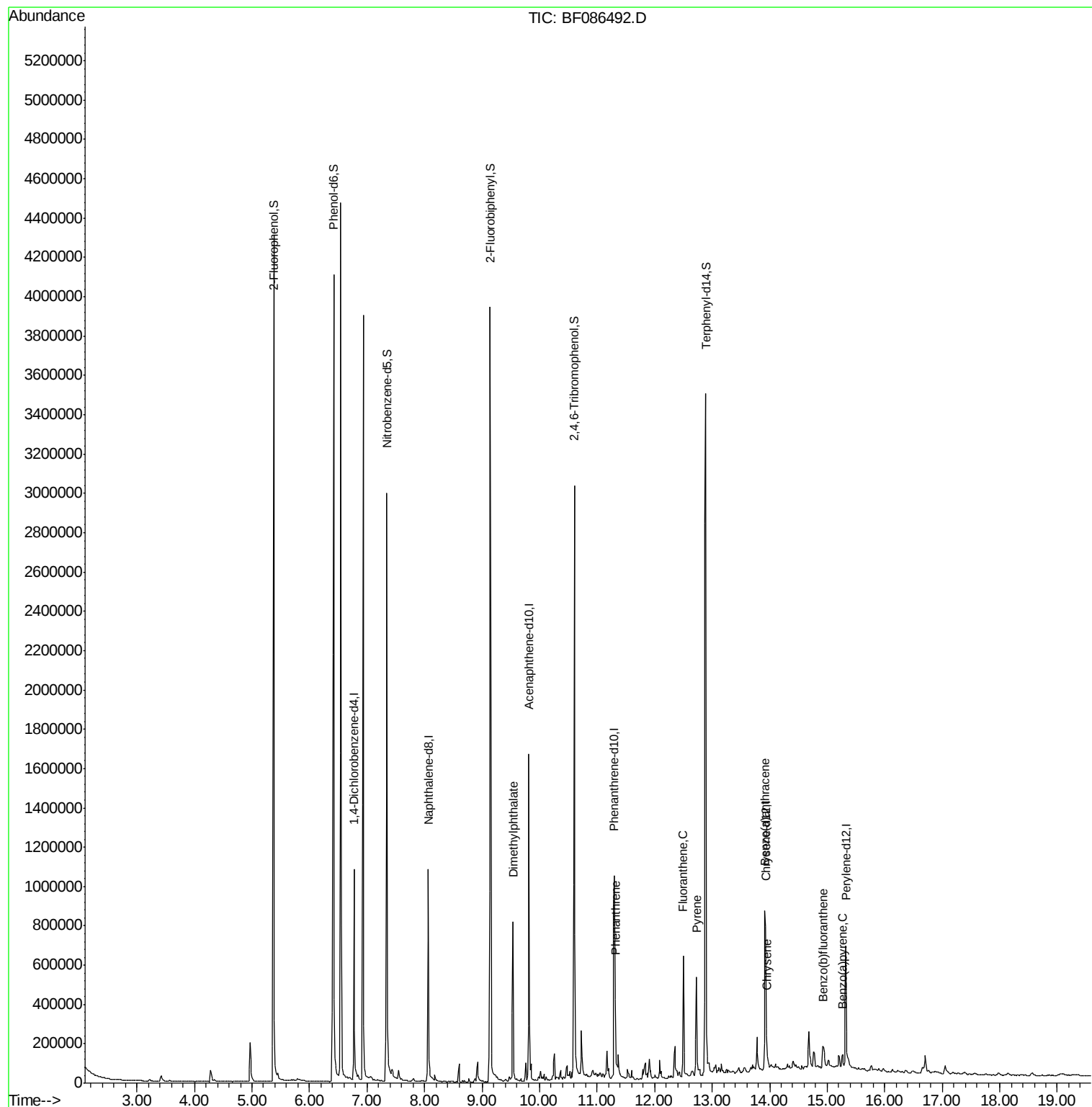
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
Data File : BF086492.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

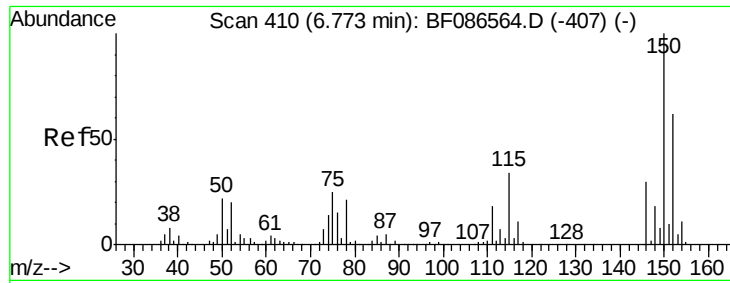
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-10(6-12FTBGS)

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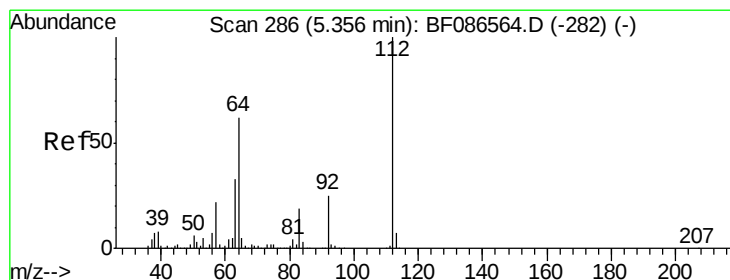
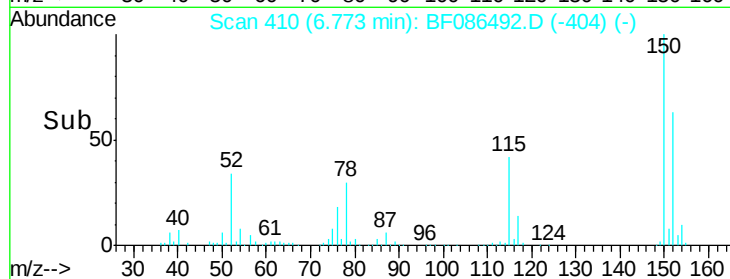
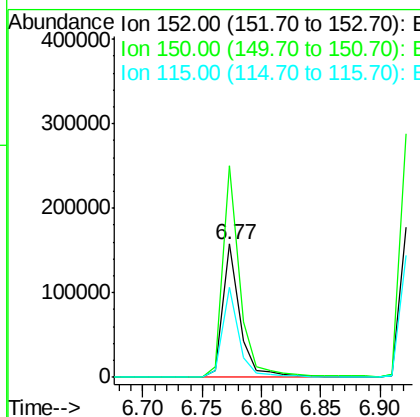
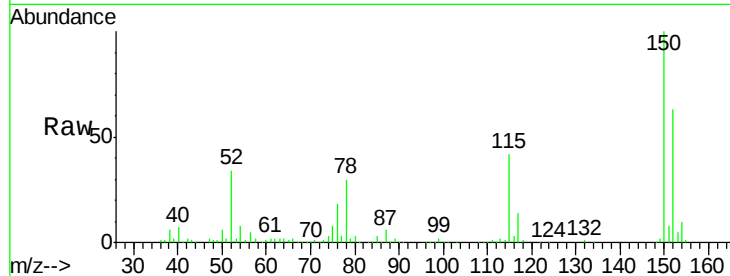
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.03 min
 Lab File: BF086492.D
 Acq: 29 Apr 2016 15:13

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-10(6-12FTBGS)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.8	188.6
115	67.2	51.5	77.3

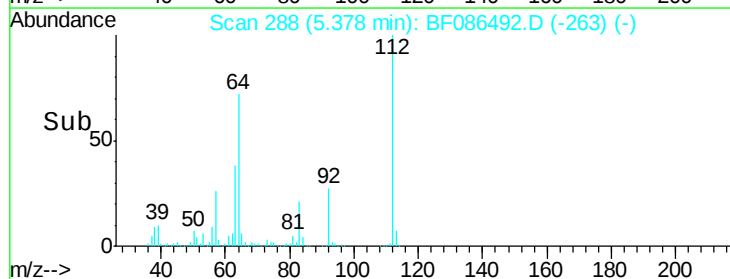
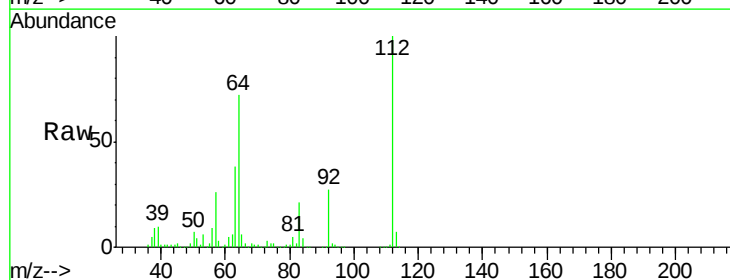
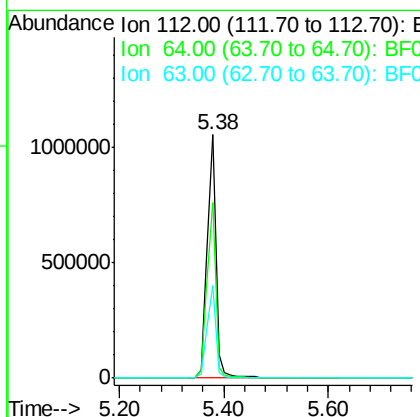
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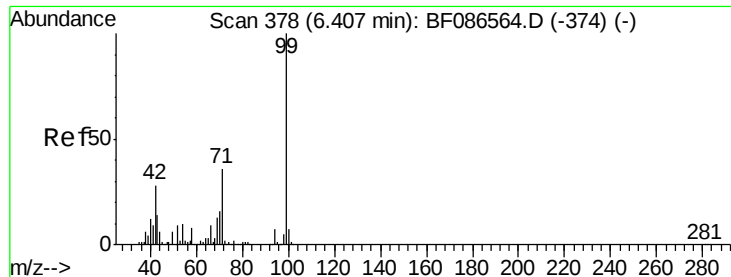
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#5
 2-Fluorophenol
 Concen: 133.83 ng
 RT: 5.38 min Scan# 288
 Delta R.T. -0.01 min
 Lab File: BF086492.D
 Acq: 29 Apr 2016 15:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.0	52.1	78.1
63	38.3	25.7	38.5





#7

Phenol-d6

Concen: 126.56 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF086492.D

Acq: 29 Apr 2016 15:13

Instrument :

BNA_F

ClientSampleId :

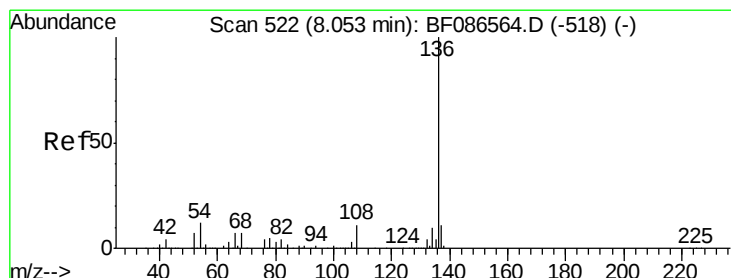
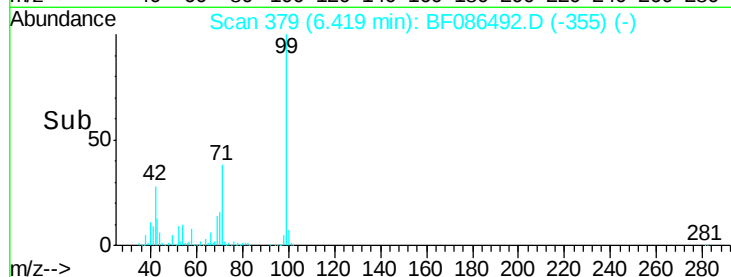
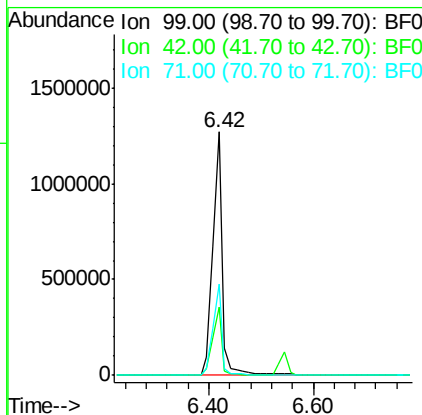
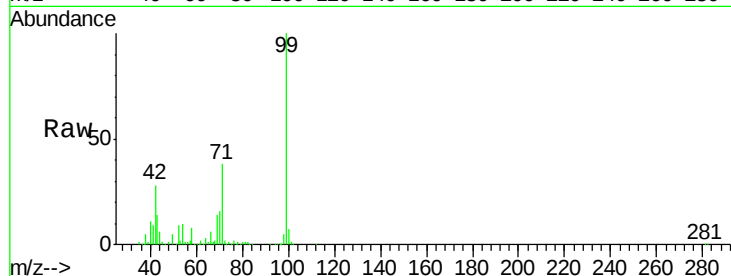
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Tot Ion:	99	Resp:	1629255
Ion	Ratio	Lower	Upper
99	100		
42	27.8	13.6	20.4#
71	37.6	24.6	36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

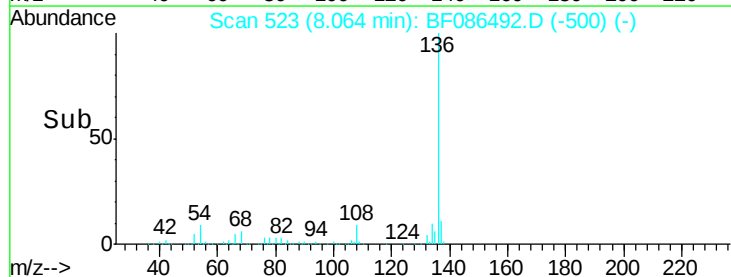
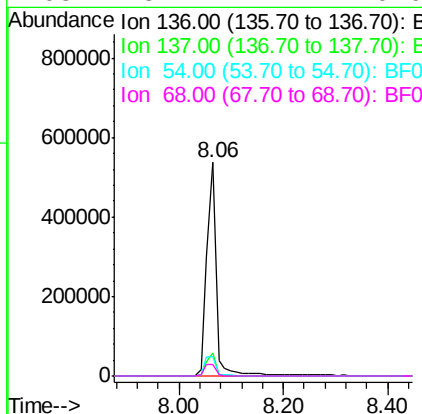
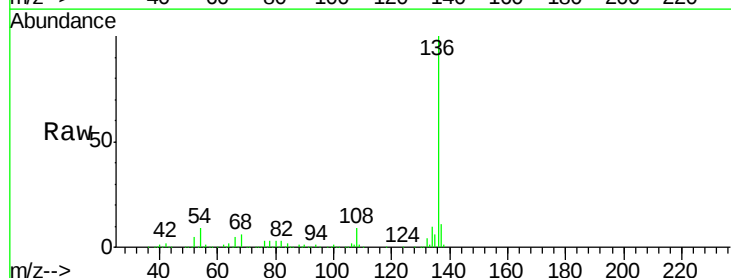
RT: 8.06 min Scan# 523

Delta R.T. -0.03 min

Lab File: BF086492.D

Acq: 29 Apr 2016 15:13

Tgt Ion:	136	Resp:	681501
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.8	5.0	7.4#
68	5.7	4.4	6.6





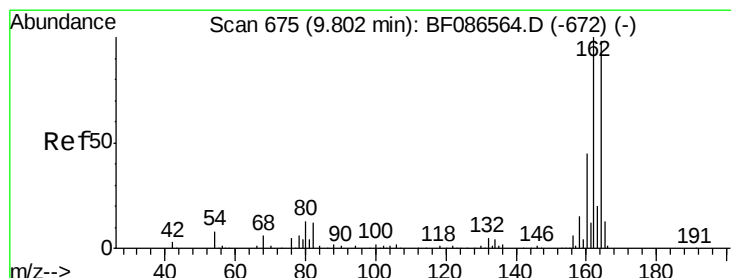
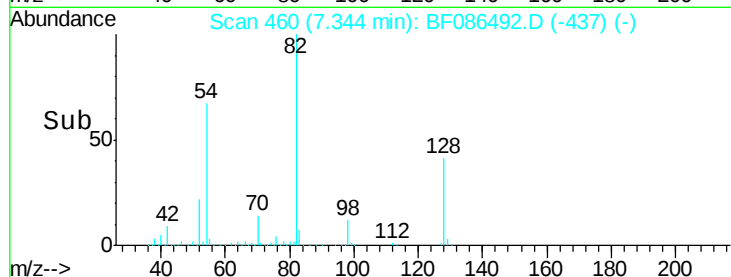
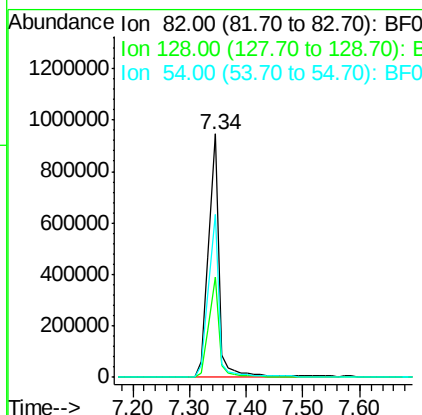
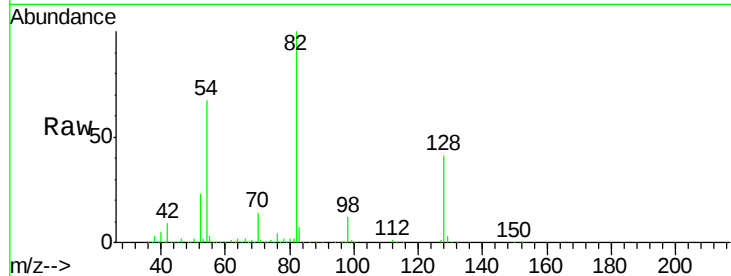
#23
 Nitrobenzene-d5
 Concen: 94.55 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.03 min
 Lab File: BF086492.D
 Acq: 29 Apr 2016 15:13

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-10(6-12FTBGS)

Tot Ion	82	Resp	1195438
Ion Ratio	Lower	Upper	
82	100		
128	41.2	40.6	61.0
54	66.7	38.1	57.1#

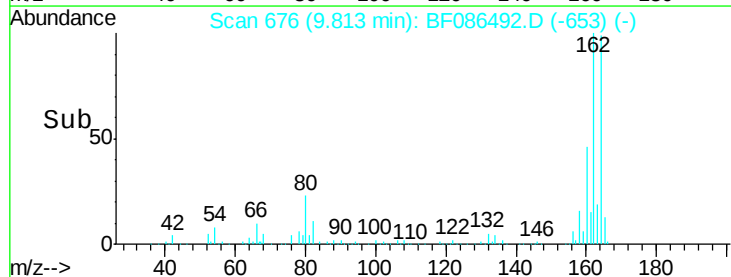
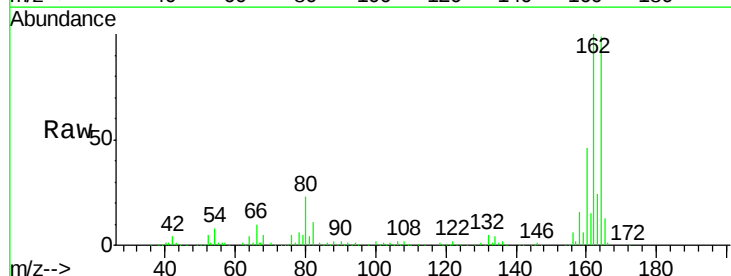
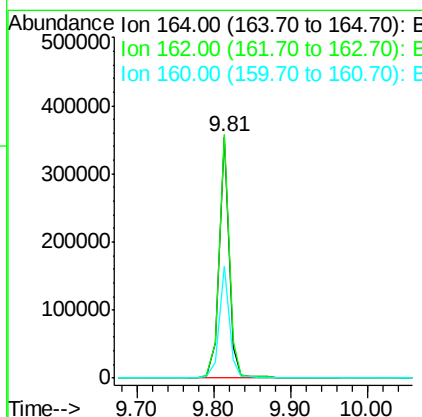
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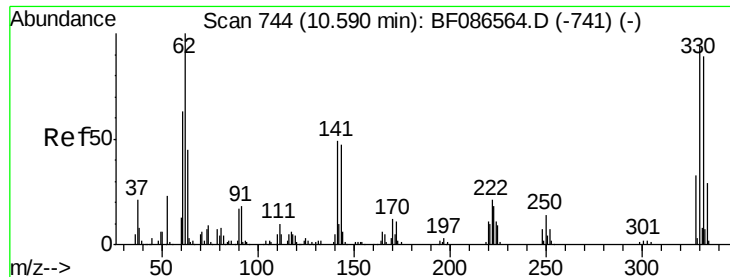
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.03 min
 Lab File: BF086492.D
 Acq: 29 Apr 2016 15:13

Tgt Ion	164	Resp	324738
Ion Ratio	Lower	Upper	
164	100		
162	100.8	82.8	124.2
160	46.4	36.9	55.3





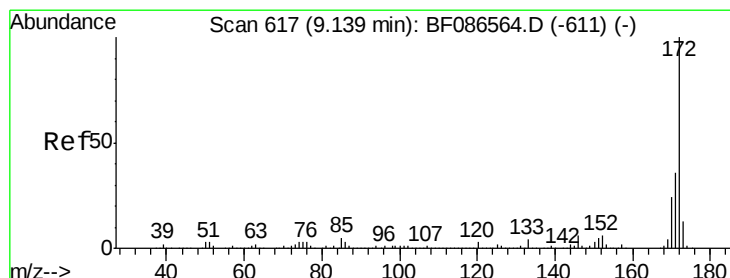
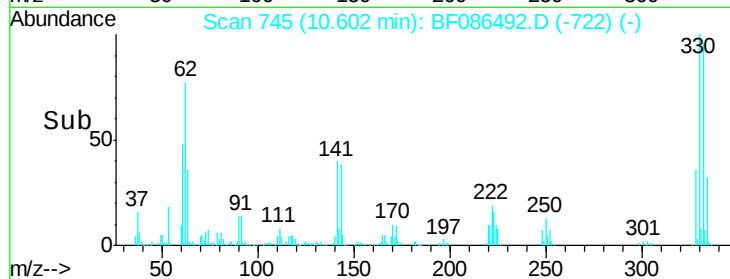
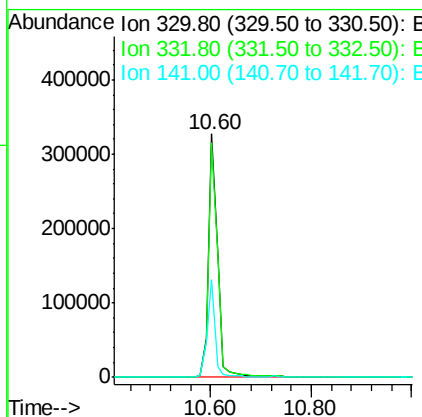
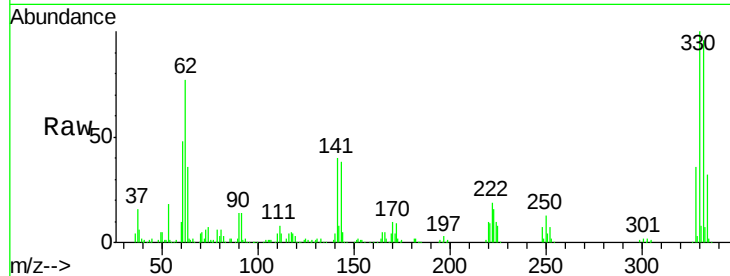
#41
 2,4,6-Tribromophenol
 Concen: 121.05 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF086492.D
 Acq: 29 Apr 2016 15:13

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-10(6-12FTBGS)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	34.9	31.2	46.8

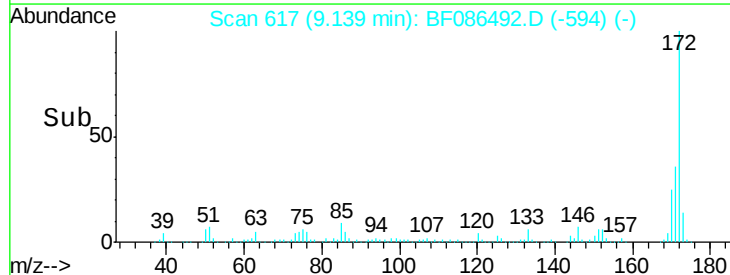
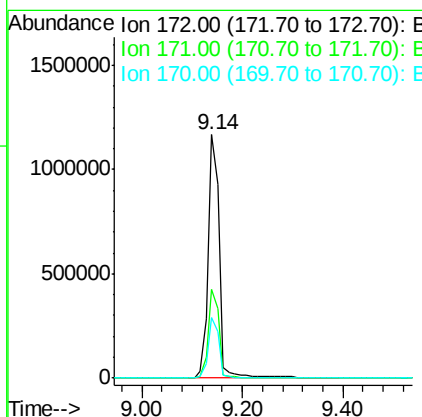
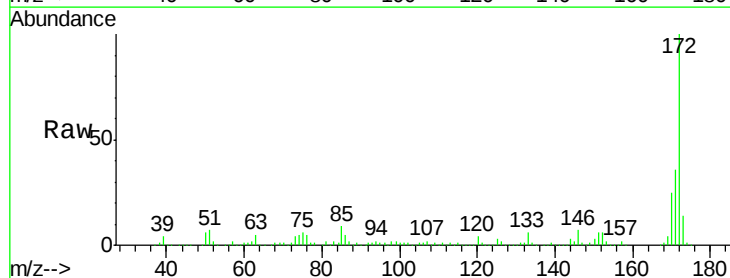
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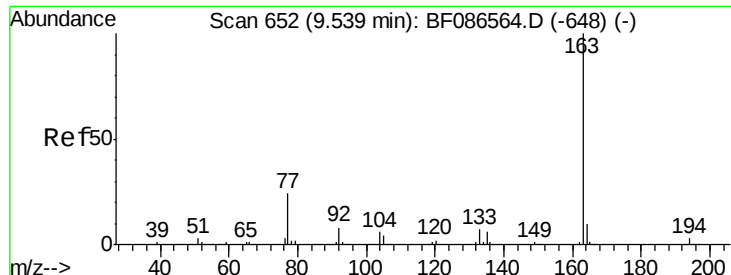
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#44
 2-Fluorobiphenyl
 Concen: 101.17 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086492.D
 Acq: 29 Apr 2016 15:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.7	19.8	29.8





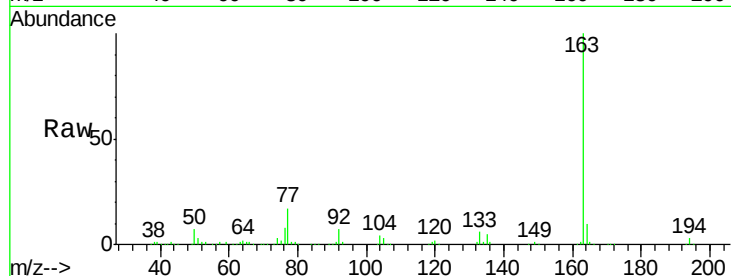
#49
Dimethylphthalate
Concen: 15.73 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.03 min
Lab File: BF086492.D
Acq: 29 Apr 2016 15:13

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-10(6-12FTBGS)

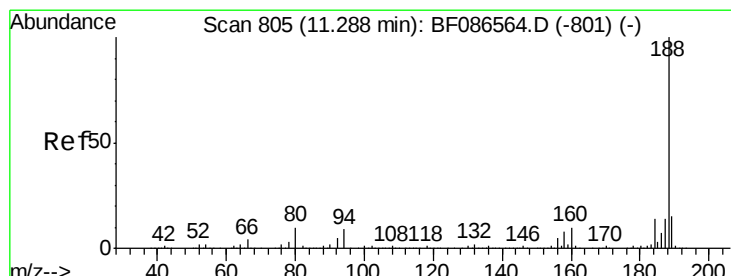
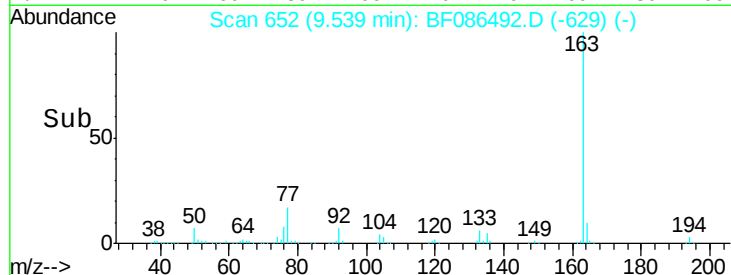
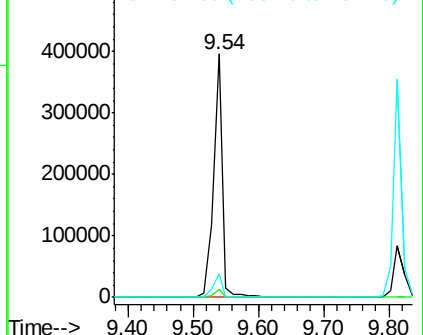
Tot Ion	Ratio	Resp	Lower	Upper
163	100	384454		
194	3.5	2.6	4.0	
164	9.6	8.2	12.4	

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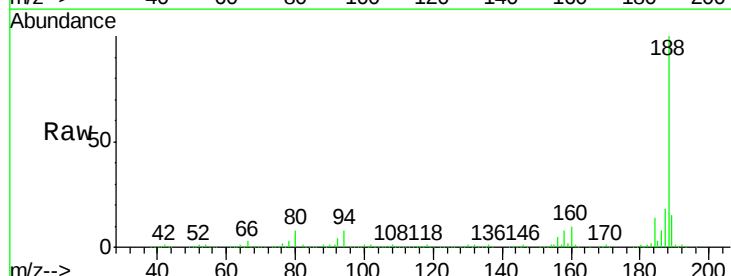


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

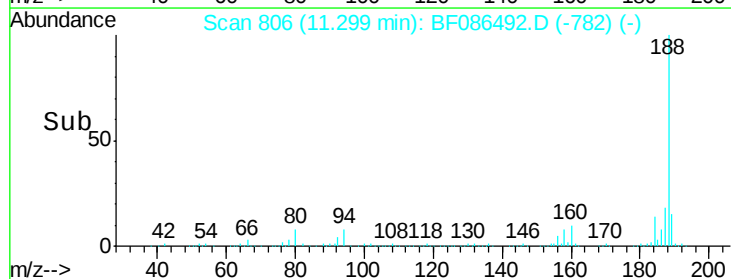
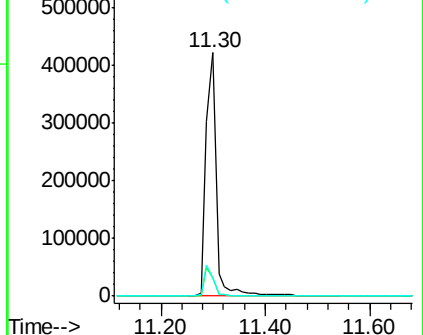


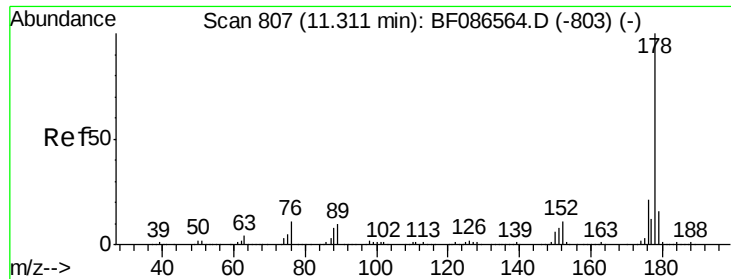
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF086492.D
Acq: 29 Apr 2016 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	585928		
94	7.7	6.8	10.2	
80	7.8	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: 7.19 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.03 min

Lab File: BF086492.D

Acq: 29 Apr 2016 15:13

Instrument :

BNA_F

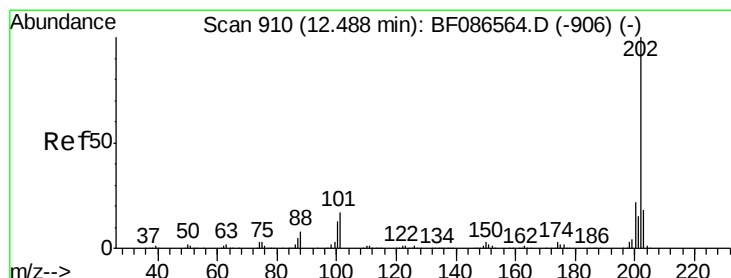
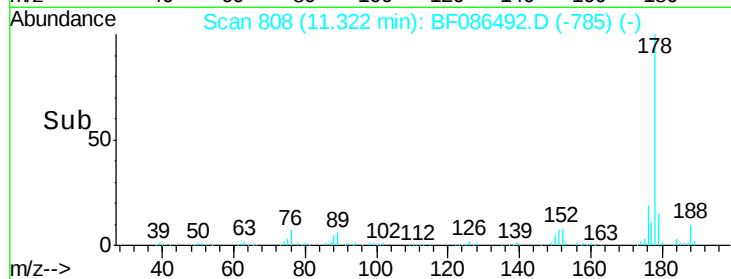
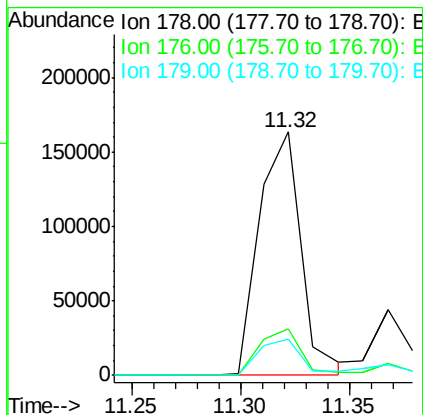
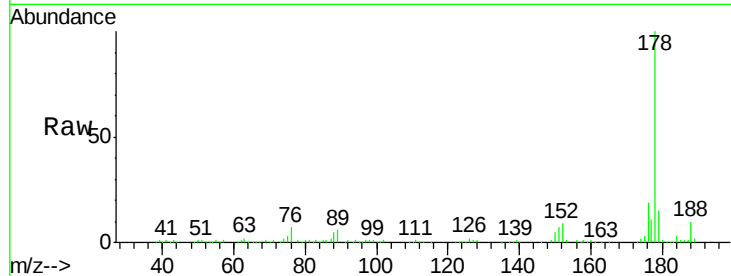
ClientSampleId :

26WARD-2A-CS-10(6-12FTBGS)

Tot Ion:	178	Resp:	220933
Ion Ratio	Lower	Upper	
178	100		
176	18.9	16.0	24.0
179	15.1	12.6	18.8

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#74

Fluoranthene

Concen: 8.20 ng

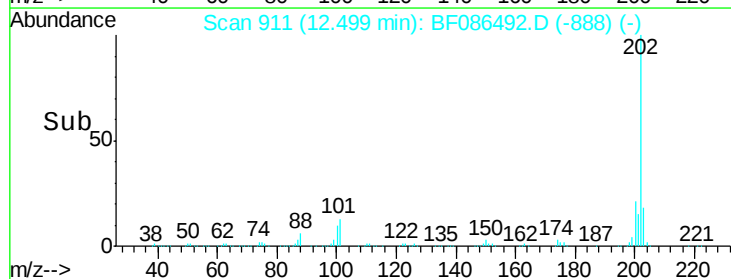
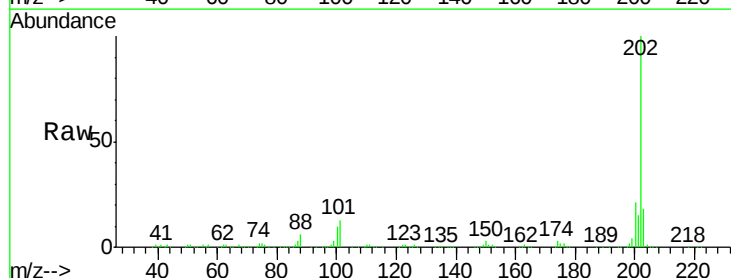
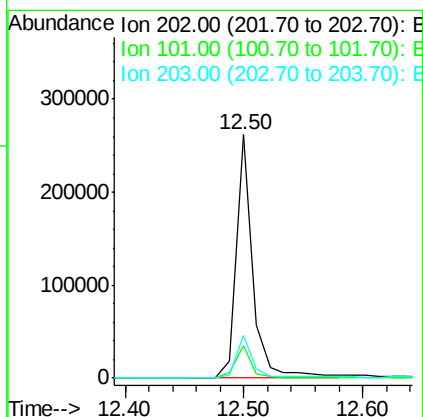
RT: 12.50 min Scan# 911

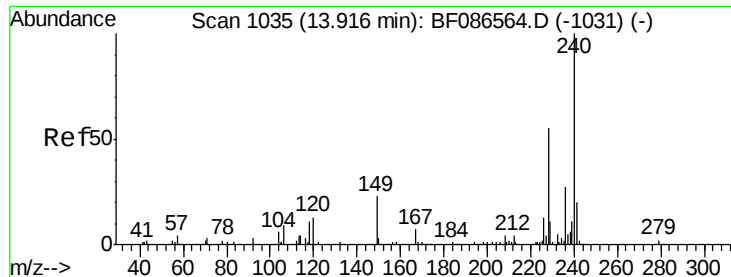
Delta R.T. -0.03 min

Lab File: BF086492.D

Acq: 29 Apr 2016 15:13

Tgt Ion:	202	Resp:	254558
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	35.4
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF086492.D

Acq: 29 Apr 2016 15:13

Instrument :

BNA_F

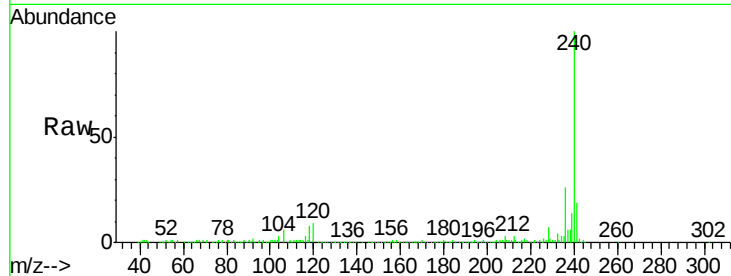
ClientSampleId :

26WARD-2A-CS-10(6-12FTBGS)

Tot Ion:	240	Resp:	402611
Ion Ratio		Lower	Upper
240	100		
120	8.9	11.2	16.8#
236	25.7	21.2	31.8

Manual Integrations
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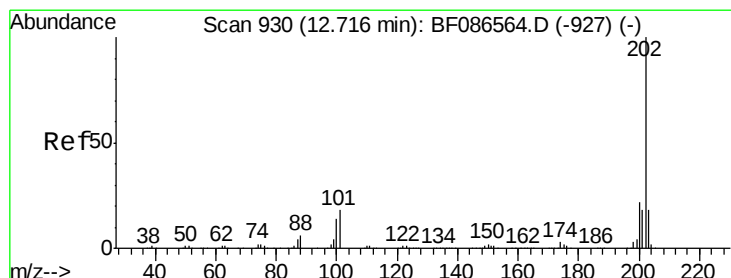
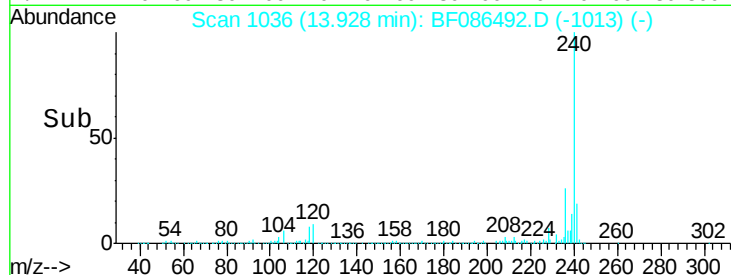
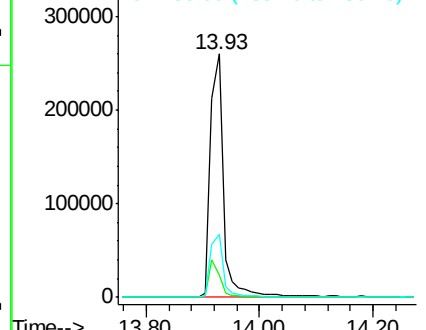
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 7.37 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.03 min

Lab File: BF086492.D

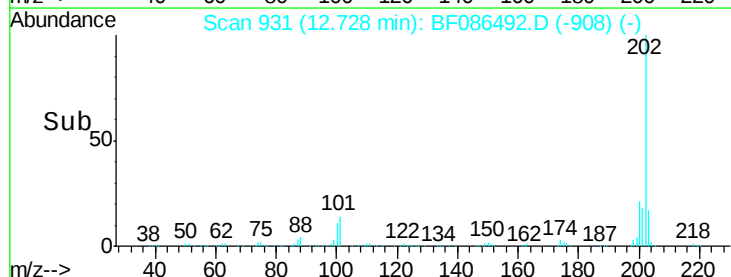
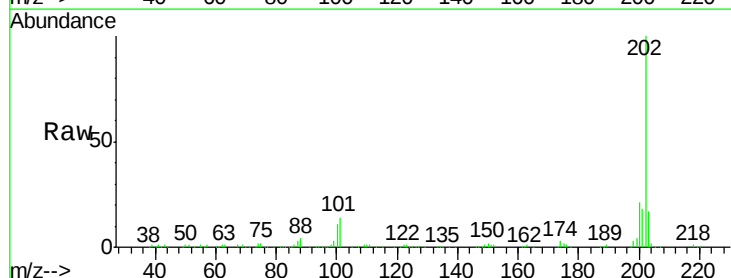
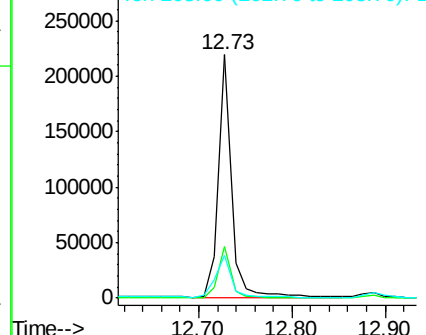
Acq: 29 Apr 2016 15:13

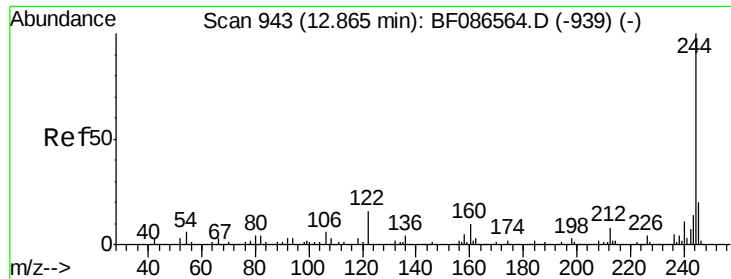
Tgt Ion:	202	Resp:	213921
Ion Ratio		Lower	Upper
202	100		
200	21.4	17.7	26.5
203	17.4	14.2	21.4

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





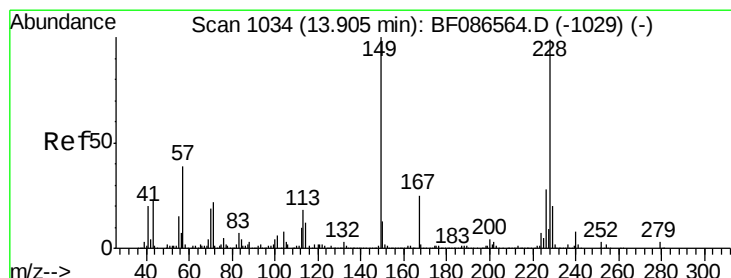
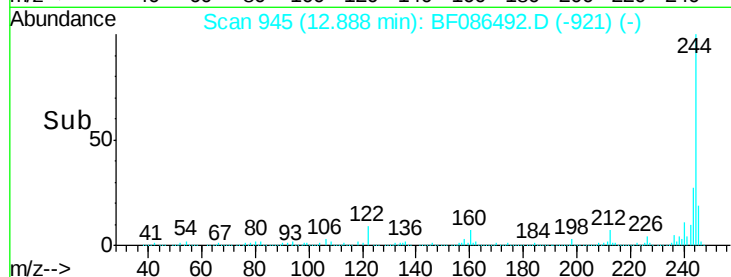
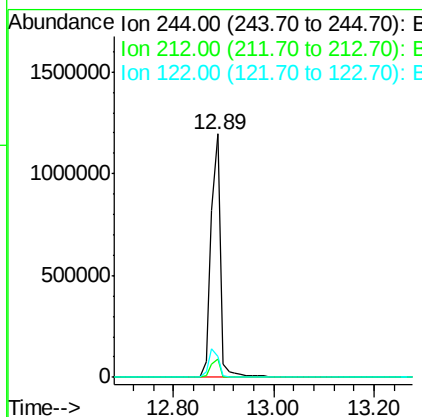
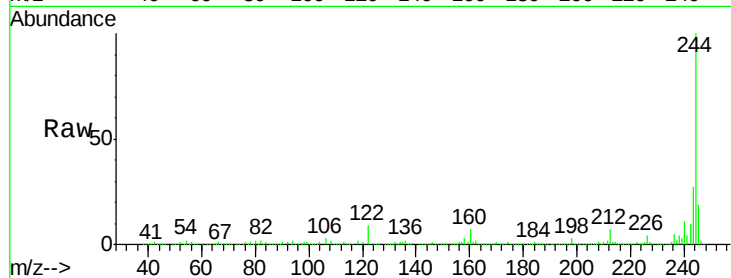
#78
 Terphenyl-d14
 Concen: 86.07 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.02 min
 Lab File: BF086492.D
 Acq: 29 Apr 2016 15:13

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-10(6-12FTBGS)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	8.8	12.0	18.0#

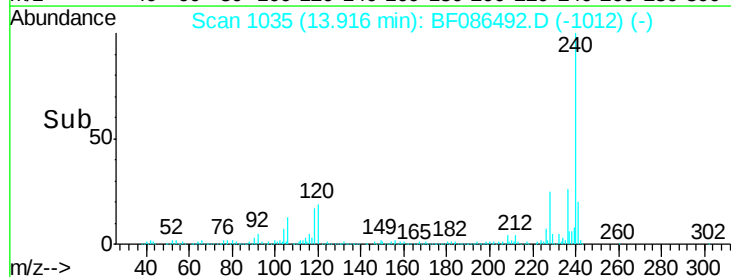
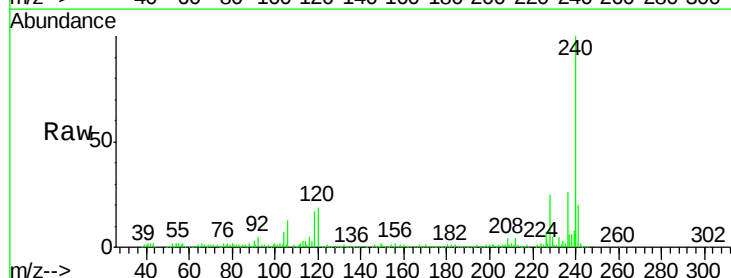
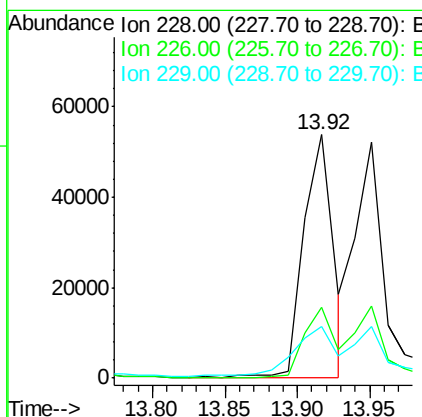
Manual Integrations
 APPROVED

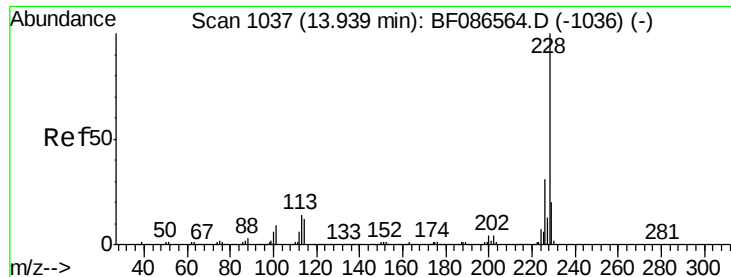
sohil
 4/30/2016 11:22:45 AM



#80
 Benzo(a)anthracene
 Concen: 3.56 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF086492.D
 Acq: 29 Apr 2016 15:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.5	33.7
229	21.2	16.6	25.0





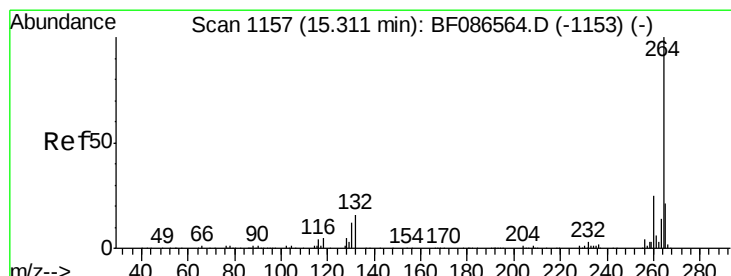
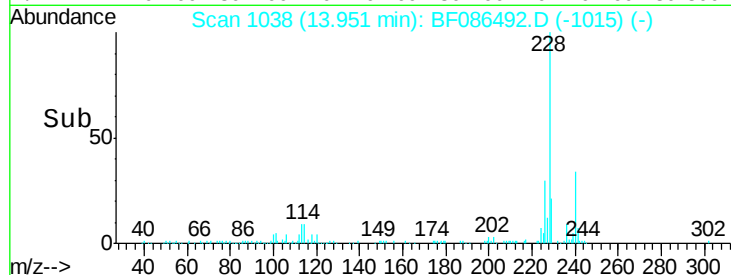
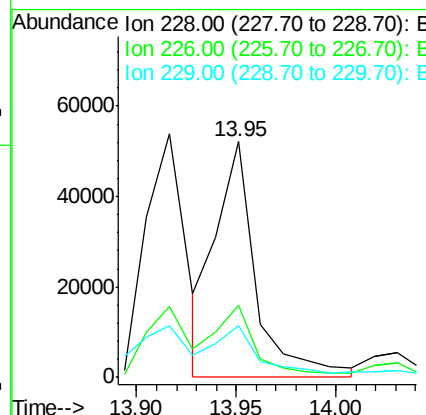
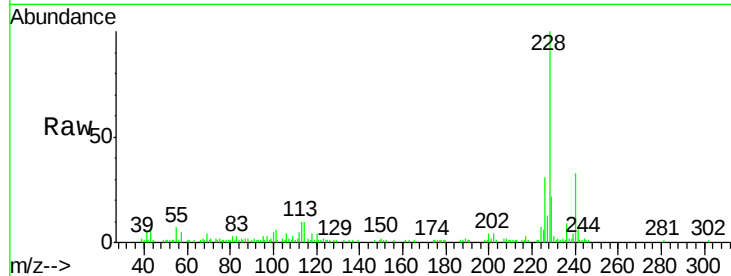
#82
Chrysene
Concen: 3.18 ng/mL
RT: 13.95 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF086492.D
Acq: 29 Apr 2016 15:13

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-10(6-12FTBGS)

Tot Ion:	228	Resp:	74285
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.4	36.6
229	22.1	15.8	23.8

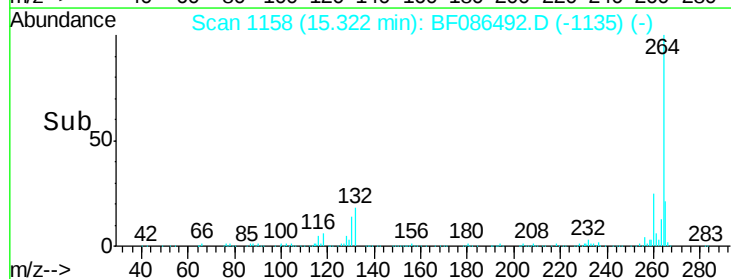
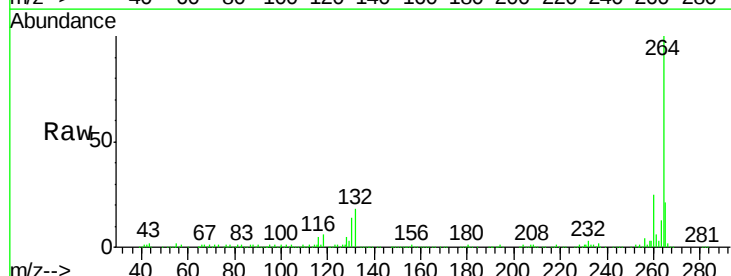
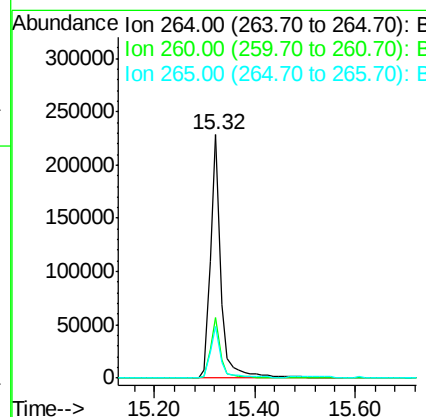
Manual Integrations
APPROVED

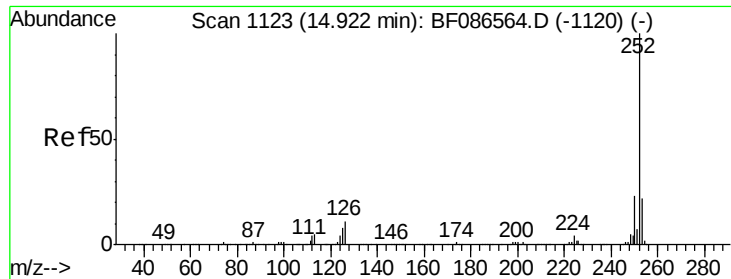
sohil
4/30/2016 11:22:45 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BF086492.D
Acq: 29 Apr 2016 15:13

Tgt Ion:	264	Resp:	330459
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.5	29.3
265	21.3	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 3.85 ng

RT: 14.92 min Scan# 1123

Delta R.T. -0.05 min

Lab File: BF086492.D

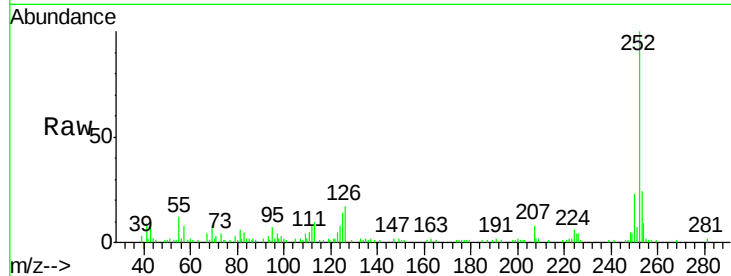
Acq: 29 Apr 2016 15:13

Instrument :

BNA_F

ClientSampleId :

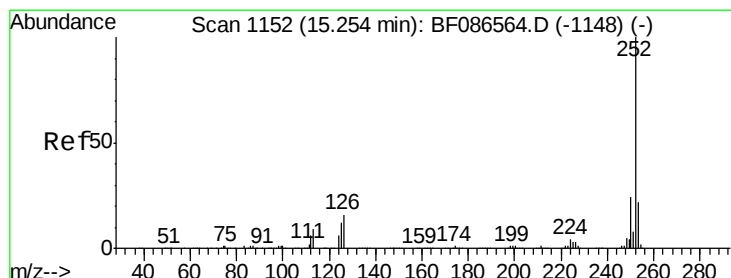
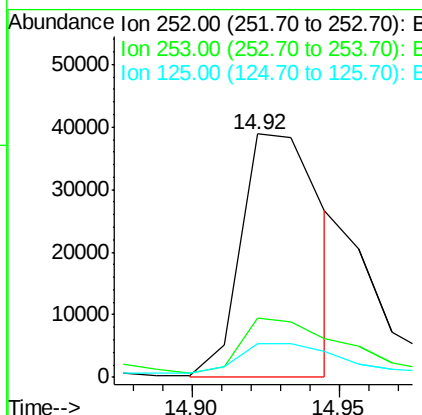
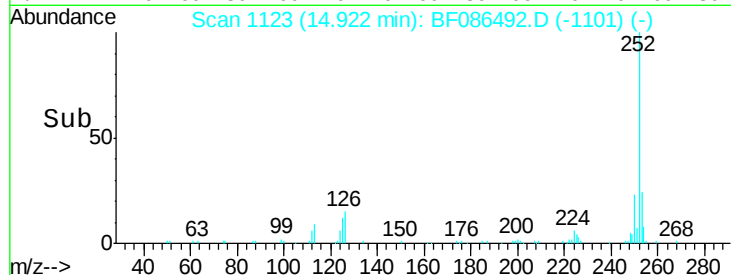
26WARD-2A-CS-10(6-12FTBGS)



Tot Ion:	252	Resp:	74791
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.8	26.6
125	14.0	11.4	17.0

Manual Integrations
APPROVED

sohil
4/30/2016 11:22:45 AM



#89

Benzo(a)pyrene

Concen: 2.84 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.03 min

Lab File: BF086492.D

Acq: 29 Apr 2016 15:13

Tgt Ion:	252	Resp:	52174
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.2	25.8
125	12.3	9.0	13.6

