

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086903.D
 Acq On : 11 May 2016 22:33
 Operator : UM/SJ
 Sample : H2894-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP25-6-7FT

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 5/12/2016 9:10:04 AM

Quant Time: May 12 01:33:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 01:06:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	154777	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	644620	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	310667	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	527755	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	391948	20.00	ng	-0.01
86) Perylene-d12	15.13	264	310903	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	844480	92.40	ng	0.00
7) Phenol-d6	6.30	99	1284474	105.16	ng	-0.01
23) Nitrobenzene-d5	7.20	82	740170	57.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	275055	83.63	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1116307	60.39	ng	0.00
78) Terphenyl-d14	12.73	244	922997	49.96	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	167216	7.06	ng	99
74) Fluoranthene	12.35	202	124823	4.31	ng	93
77) Pyrene	12.57	202	109336	3.64	ng	97
80) Benzo(a)anthracene	13.76	228	73889	3.36	ng	# 91
82) Chrysene	13.79	228	51332m	2.29	ng	
87) Benzo(b)fluoranthene	14.77	252	71585m	3.54	ng	
89) Benzo(a)pyrene	15.07	252	50244	2.88	ng	# 84

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

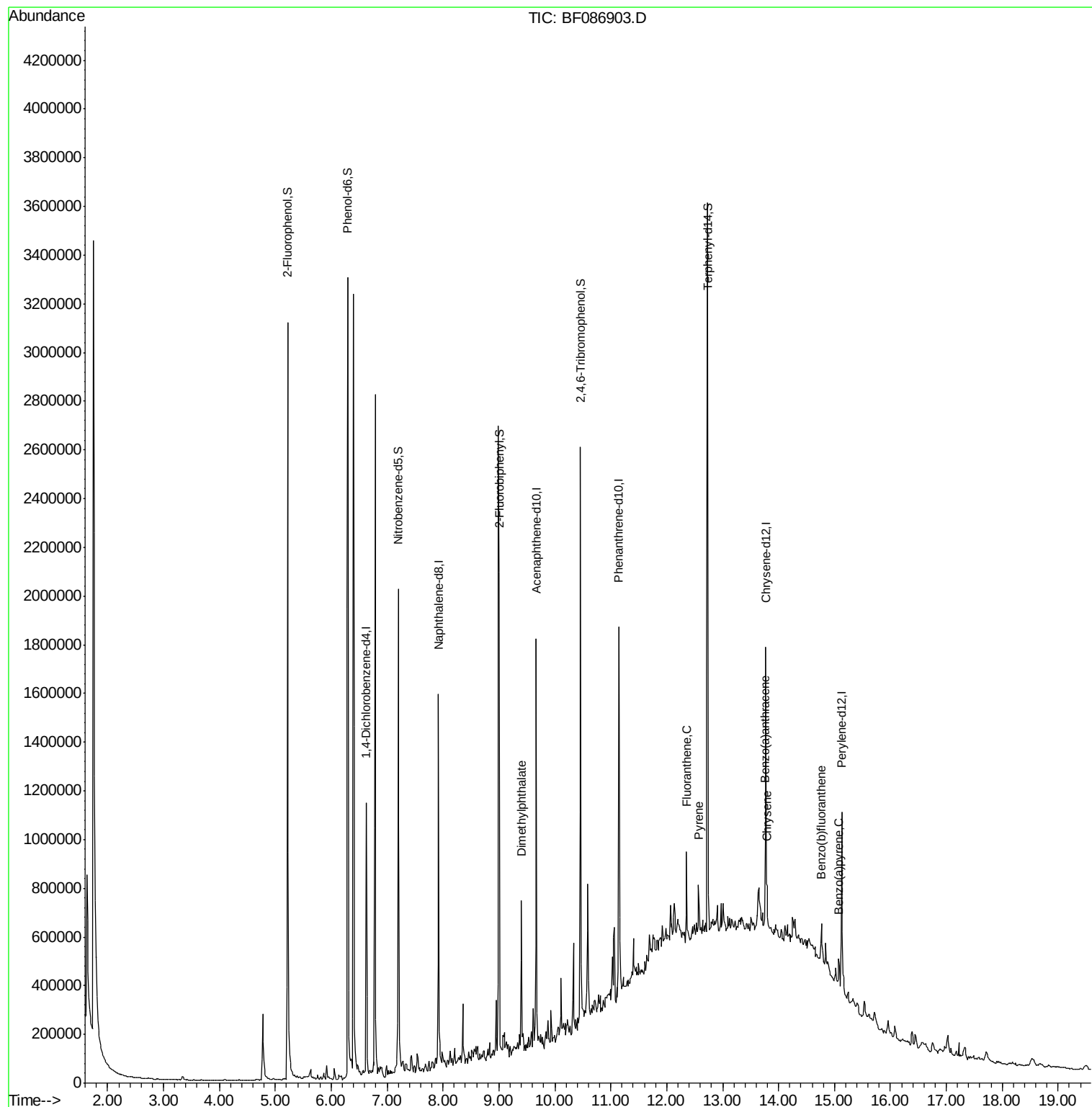
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086903.D
Acq On : 11 May 2016 22:33
Operator : UM/SJ
Sample : H2894-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

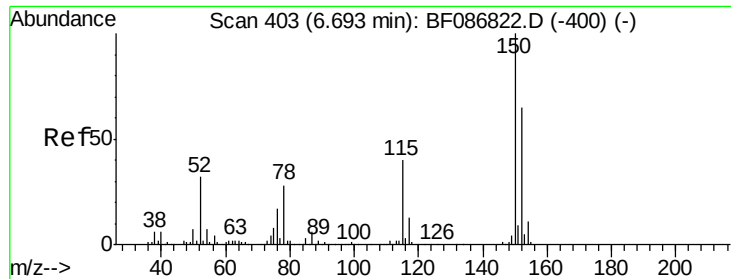
Instrument :
BNA_F
ClientSampleId :
TP25-6-7FT

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Quant Time: May 12 01:33:55 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 01:06:48 2016
Response via : Initial Calibration





#1

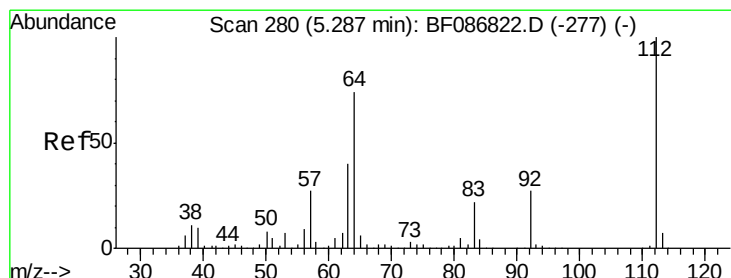
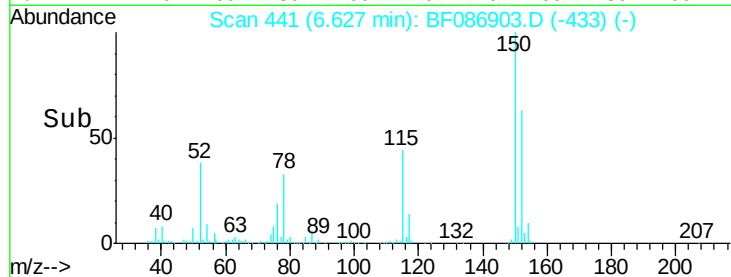
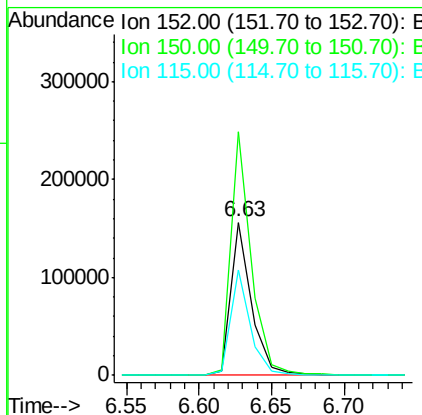
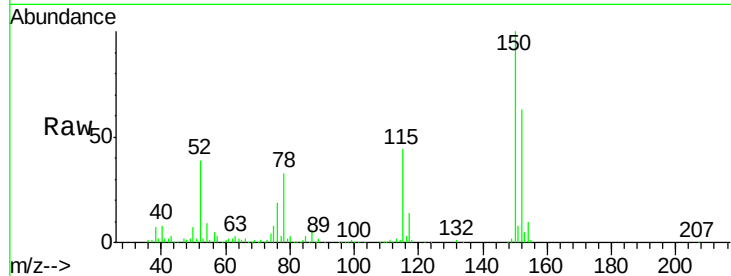
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF086903.D
Acq: 11 May 2016 22:33

Instrument :
BNA_F
ClientSampleId :
TP25-6-7FT

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	154777		
150	158.8	125.8	188.6	
115	69.2	51.5	77.3	

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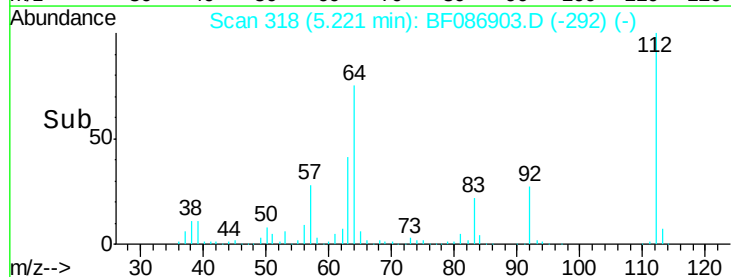
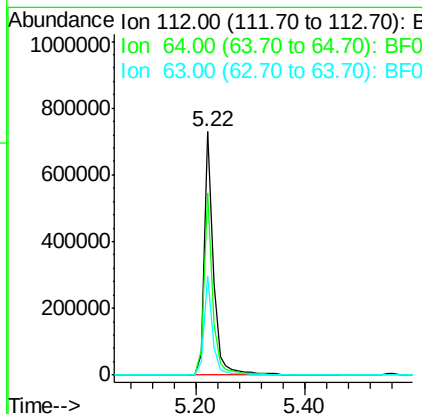
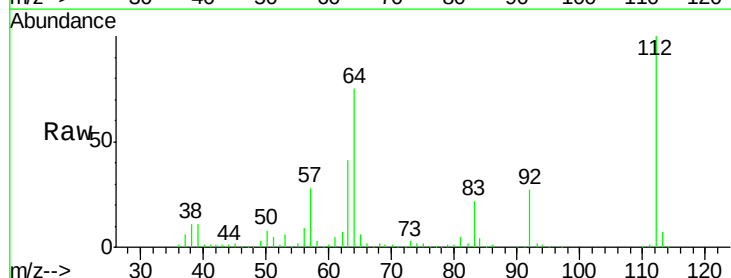
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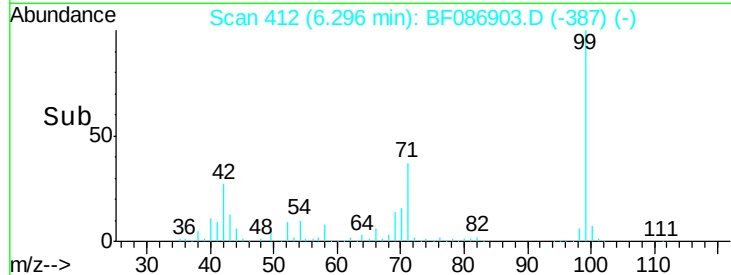
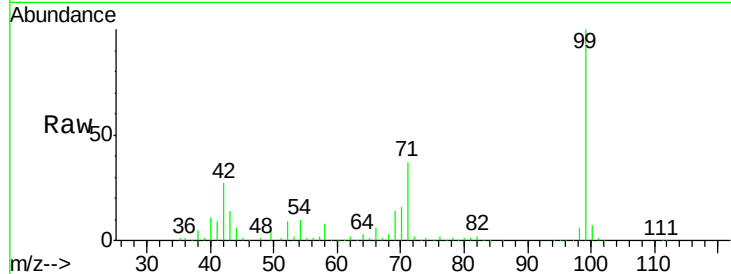
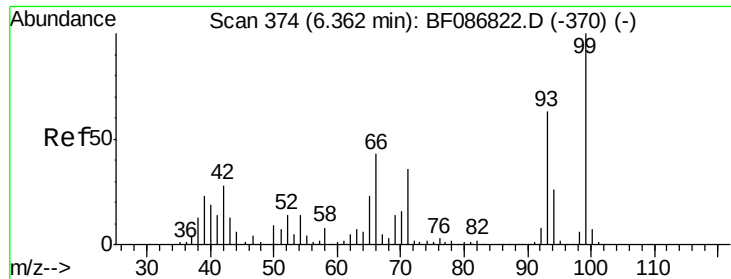


#5

2-Fluorophenol
Concen: 92.40 ng
RT: 5.22 min Scan# 318
Delta R.T. -0.00 min
Lab File: BF086903.D
Acq: 11 May 2016 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	844480		
64	74.9	52.1	78.1	
63	40.9	25.7	38.5	





#7

Phenol-d6

Concen: 105.16 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF086903.D

Acq: 11 May 2016 22:33

Tgt Ion:	99	Resp:	1284474
Ion	Ratio	Lower	Upper
99	100		
42	27.2	13.6	20.4#
71	36.9	24.6	36.8#

Instrument :

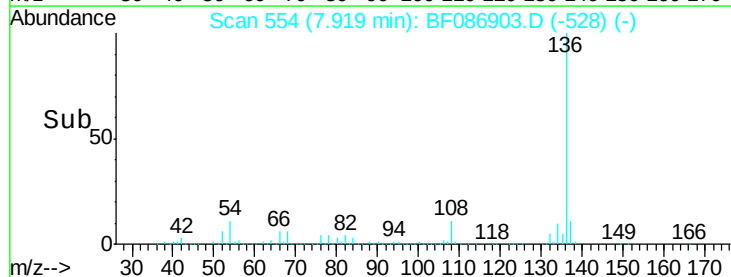
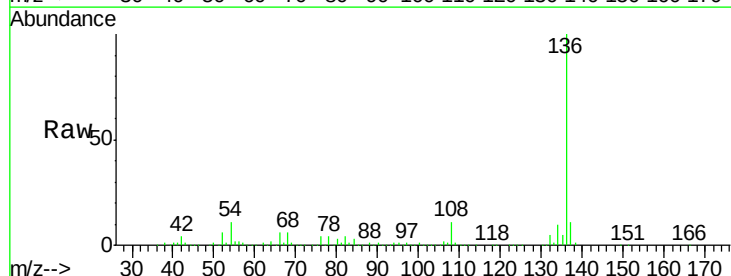
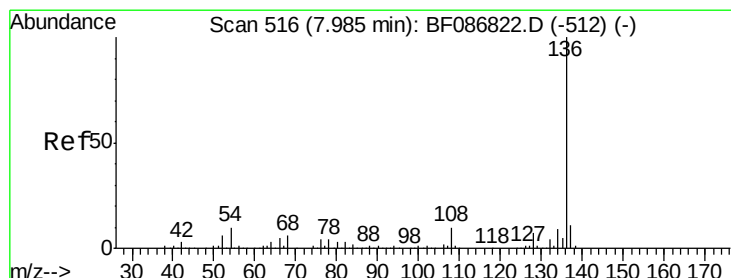
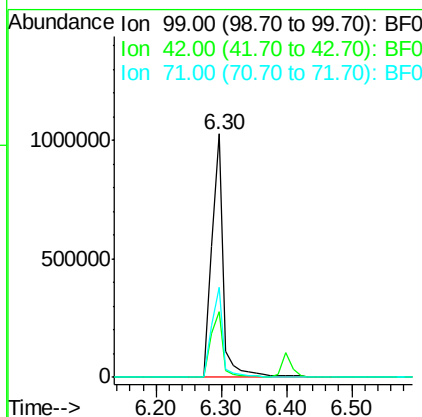
BNA_F

ClientSampled :

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#21

Naphthalene-d8

Concen: 20.00 ng

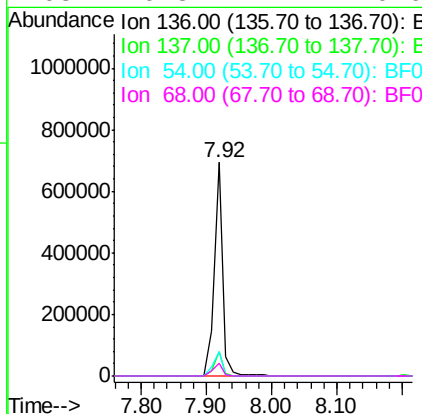
RT: 7.92 min Scan# 554

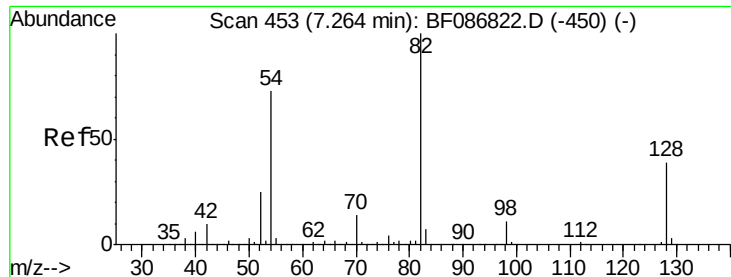
Delta R.T. -0.00 min

Lab File: BF086903.D

Acq: 11 May 2016 22:33

Tgt Ion:	136	Resp:	644620
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.3	5.0	7.4#
68	6.3	4.4	6.6





#23

Nitrobenzene-d5

Concen: 57.66 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF086903.D

Acq: 11 May 2016 22:33

Instrument :

BNA_F

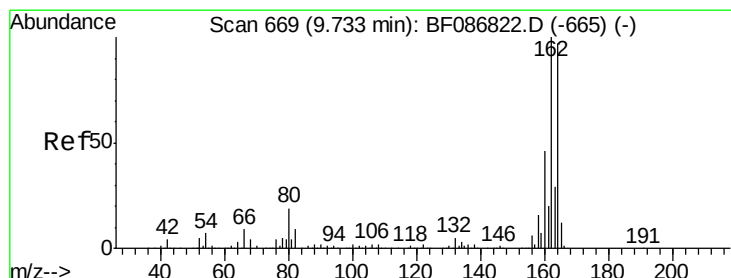
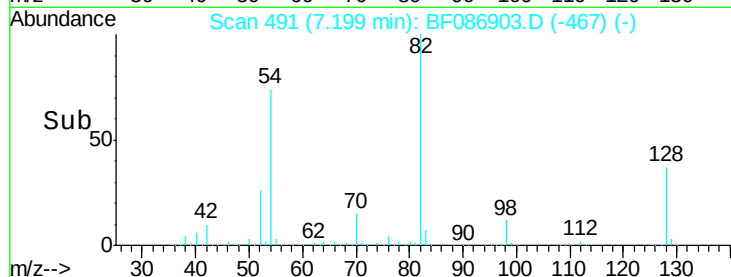
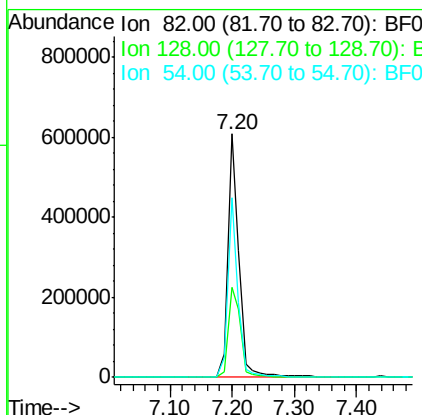
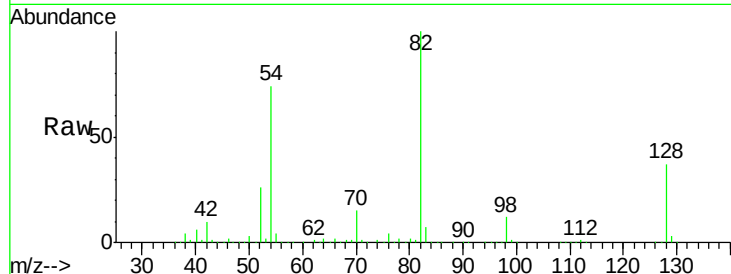
ClientSampleId :

TP25-6-7FT

Tgt Ion:	82	Resp:	740170
Ion Ratio		Lower	Upper
82	100		
128	36.9	40.6	61.0#
54	74.0	38.1	57.1#

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#38

Acenaphthene-d10

Concen: 20.00 ng

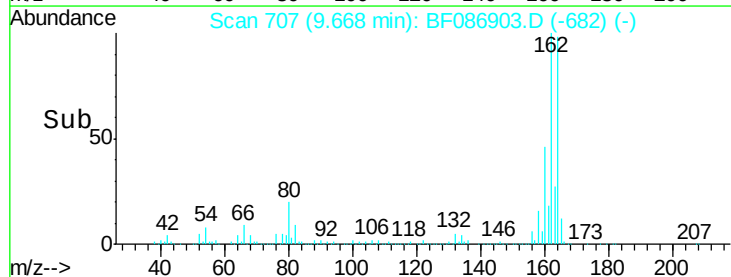
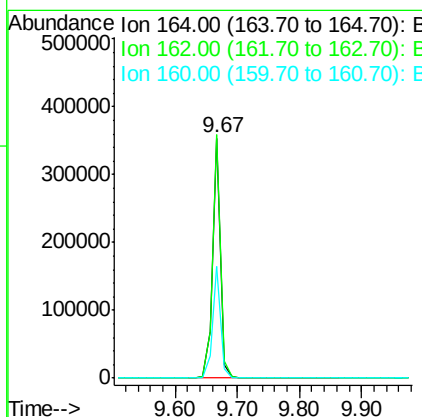
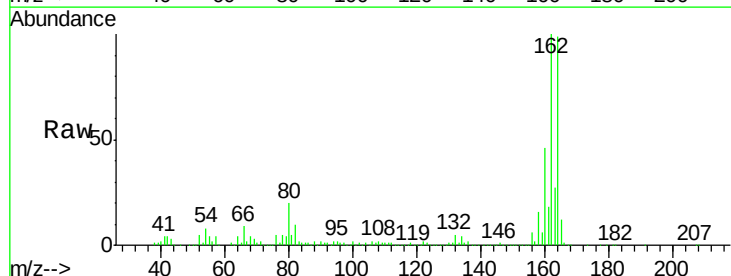
RT: 9.67 min Scan# 707

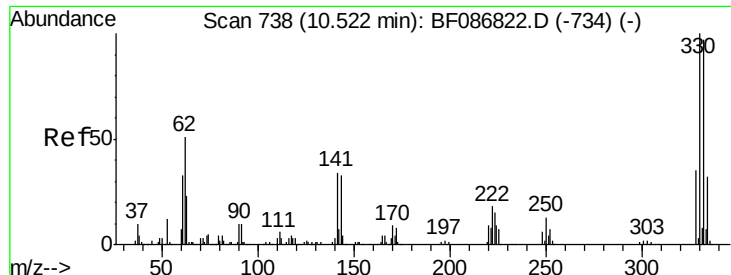
Delta R.T. -0.01 min

Lab File: BF086903.D

Acq: 11 May 2016 22:33

Tgt Ion:	164	Resp:	310667
Ion Ratio		Lower	Upper
164	100		
162	101.5	82.8	124.2
160	46.4	36.9	55.3





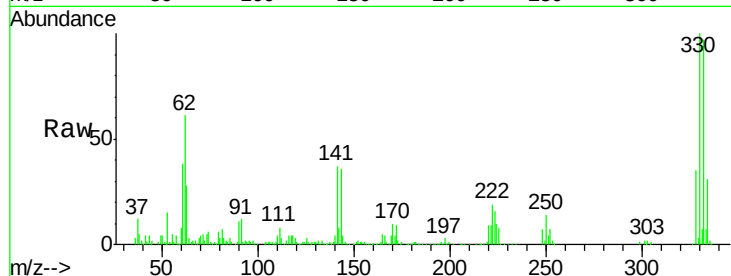
#41
 2,4,6-Tribromophenol
 Concen: 83.63 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF086903.D
 Acq: 11 May 2016 22:33

Instrument :
 BNA_F
 ClientSampleId :
 TP25-6-7FT

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	275055		
332	97.0	79.0	118.4	
141	40.6	31.2	46.8	

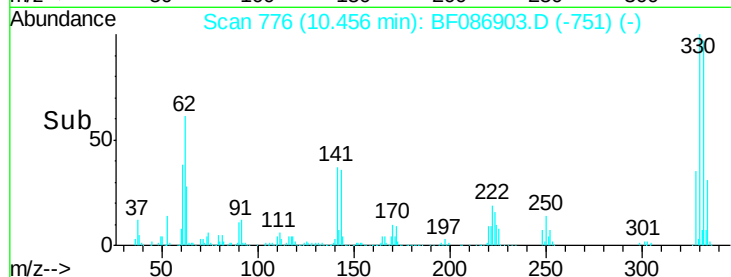
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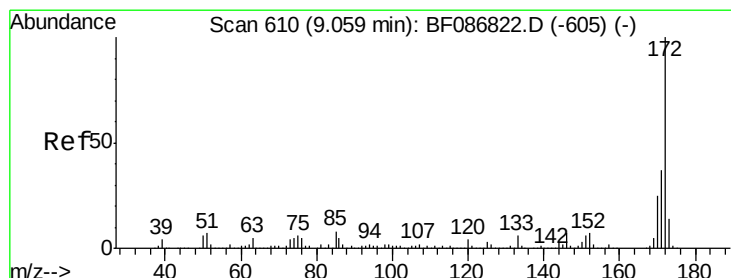


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

10.46

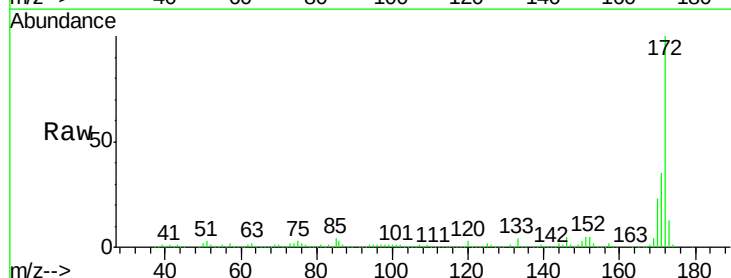


Time-->



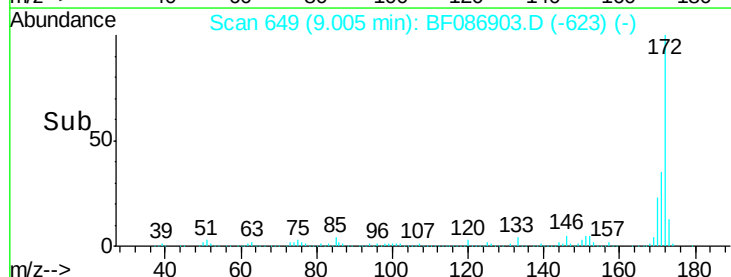
#44
 2-Fluorobiphenyl
 Concen: 60.39 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF086903.D
 Acq: 11 May 2016 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1116307		
171	35.2	29.0	43.6	
170	23.4	19.8	29.8	

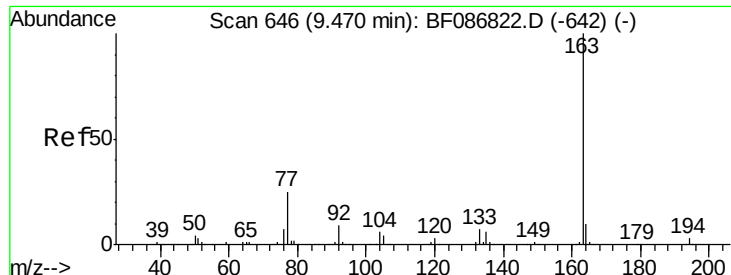


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

9.00



Time-->



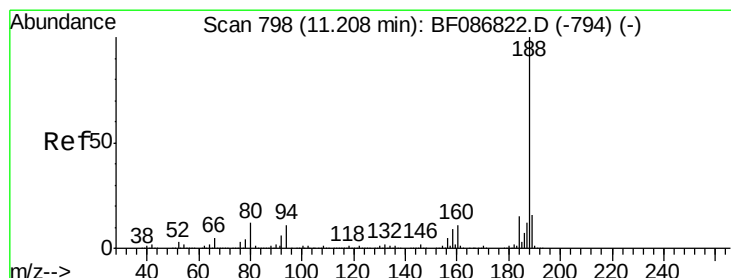
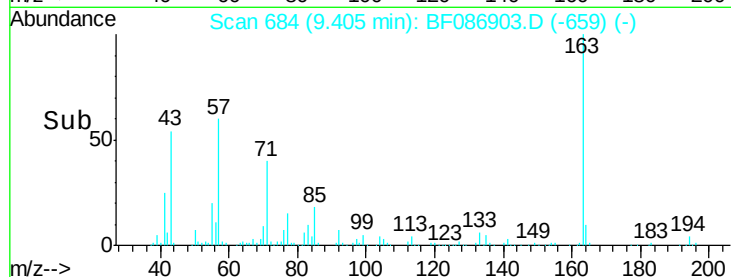
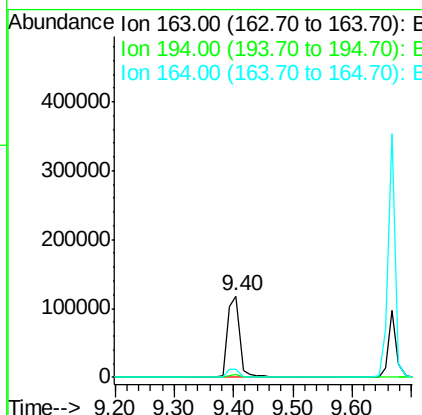
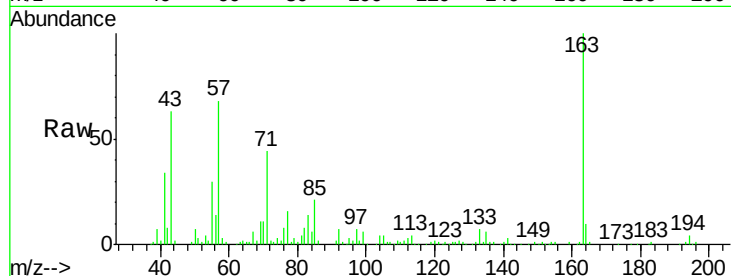
#49
Dimethylphthalate
Concen: 7.06 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF086903.D
Acq: 11 May 2016 22:33

Instrument :
BNA_F
ClientSampleId :
TP25-6-7FT

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.9	2.6	4.0
164	9.8	8.2	12.4

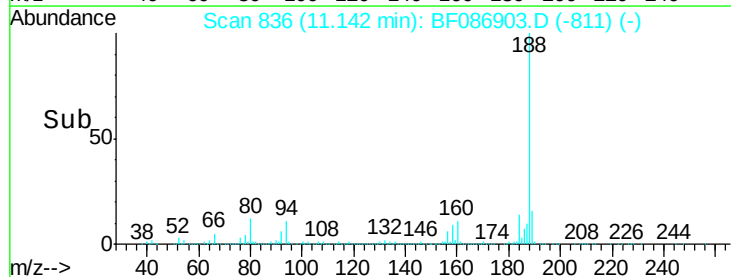
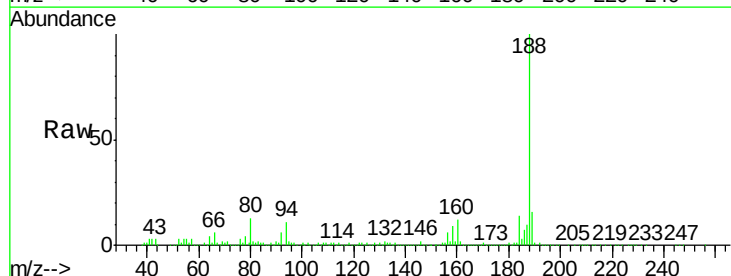
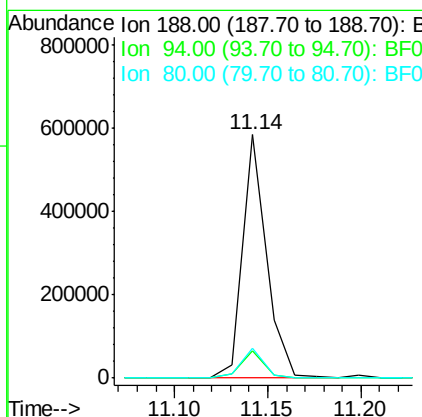
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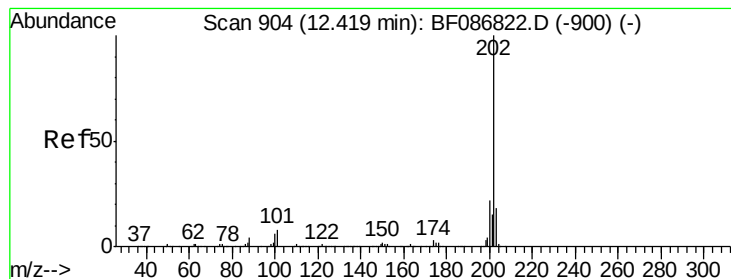
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF086903.D
Acq: 11 May 2016 22:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.3	6.8	10.2#
80	12.5	7.1	10.7#





#74

Fluoranthene

Concen: 4.31 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF086903.D

Acq: 11 May 2016 22:33

Instrument :

BNA_F

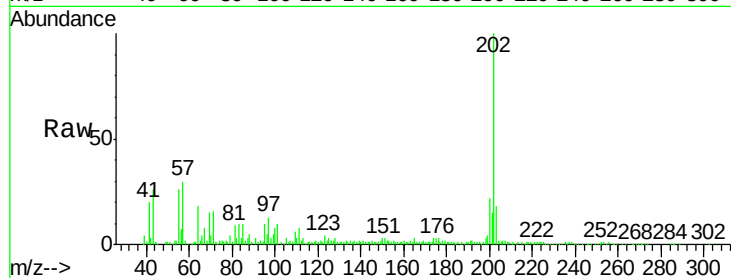
ClientSampleId :

TP25-6-7FT

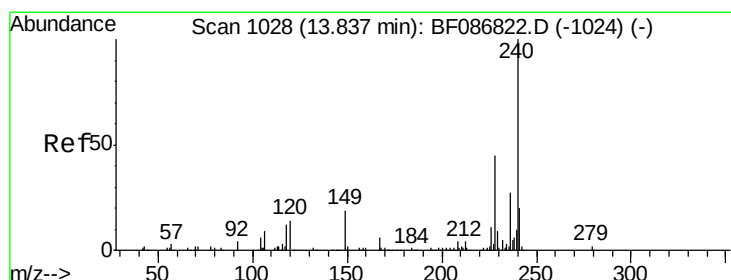
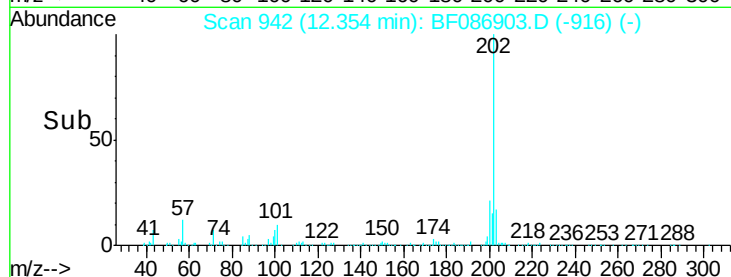
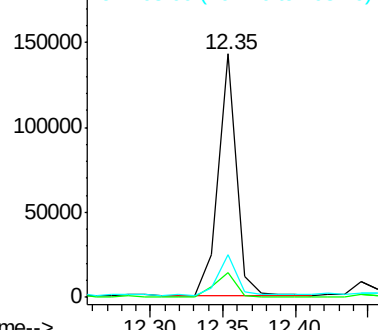
Tgt Ion:	202	Resp:	124823
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	35.4
203	17.7	0.0	38.1

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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

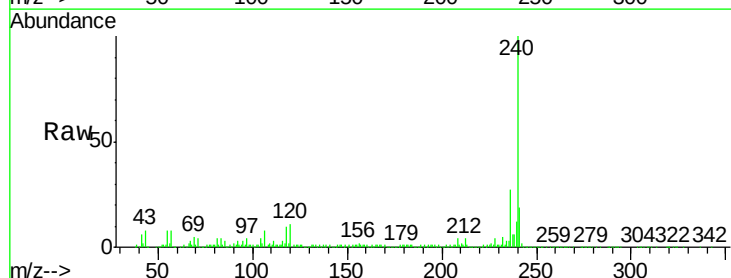
RT: 13.77 min Scan# 1066

Delta R.T. -0.01 min

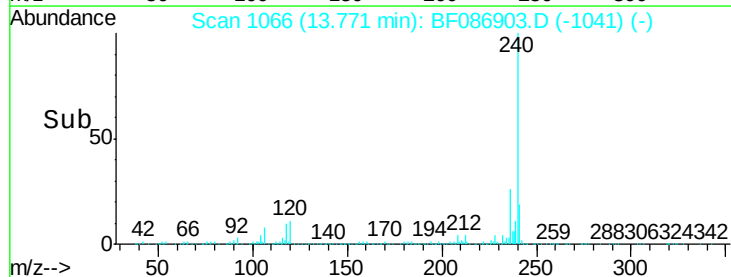
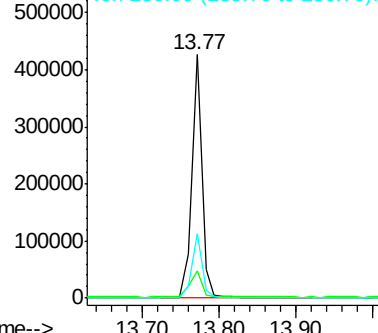
Lab File: BF086903.D

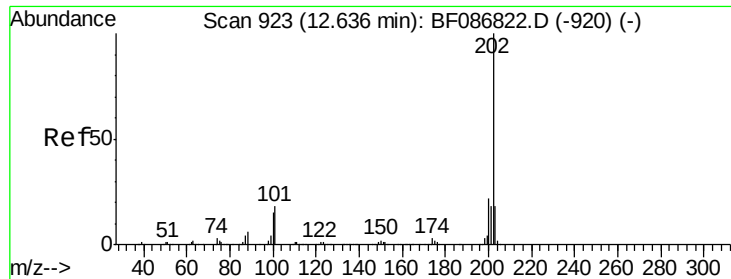
Acq: 11 May 2016 22:33

Tgt Ion:	240	Resp:	391948
Ion Ratio	Lower	Upper	
240	100		
120	11.5	11.2	16.8
236	26.5	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

Pyrene

Concen: 3.64 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF086903.D

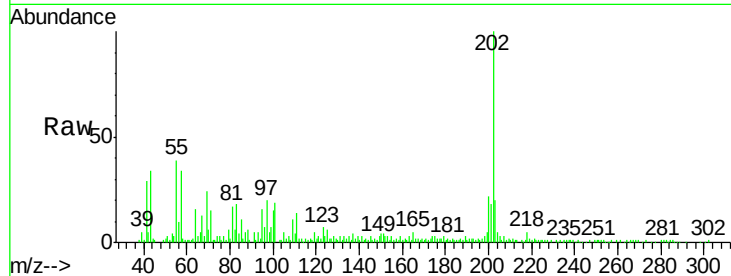
Acq: 11 May 2016 22:33

Instrument :

BNA_F

ClientSampleId :

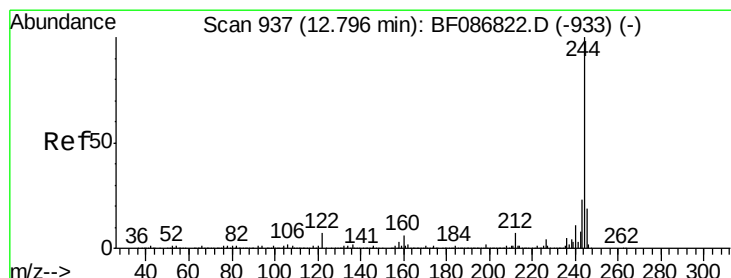
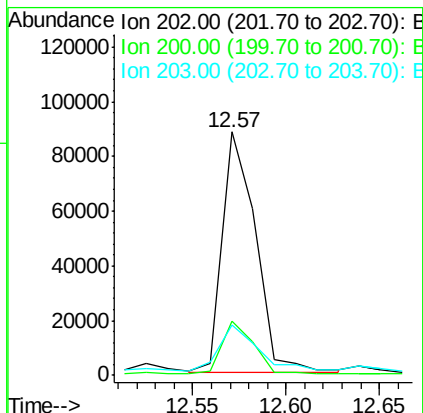
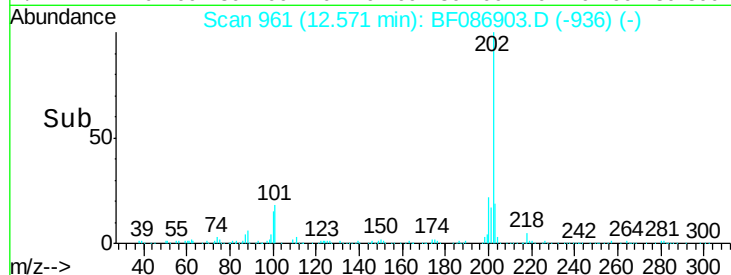
TP25-6-7FT



Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.0	17.7	26.5	
203	20.5	14.2	21.4	

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#78

Terphenyl-d14

Concen: 49.96 ng

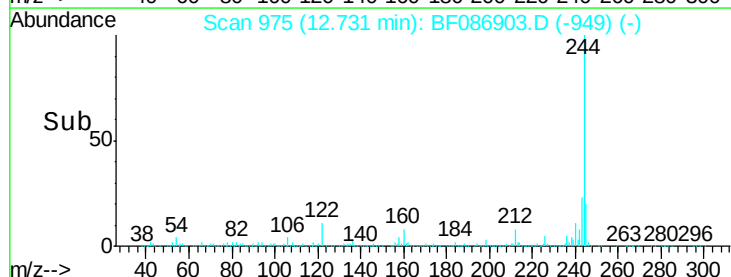
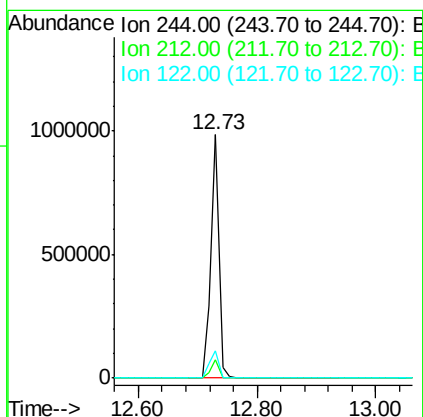
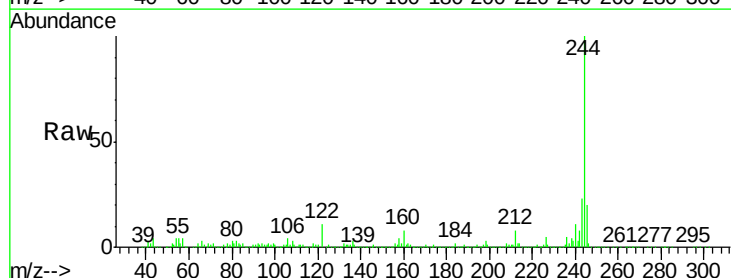
RT: 12.73 min Scan# 975

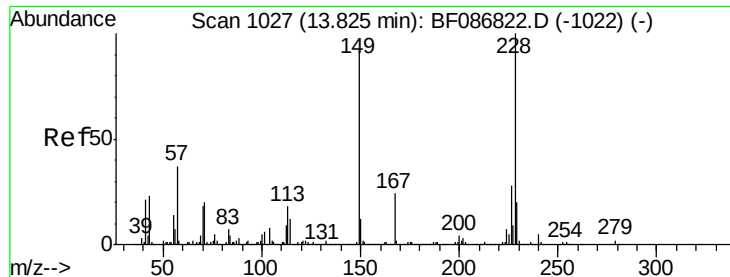
Delta R.T. -0.00 min

Lab File: BF086903.D

Acq: 11 May 2016 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.7	6.2	9.2	
122	11.2	12.0	18.0	





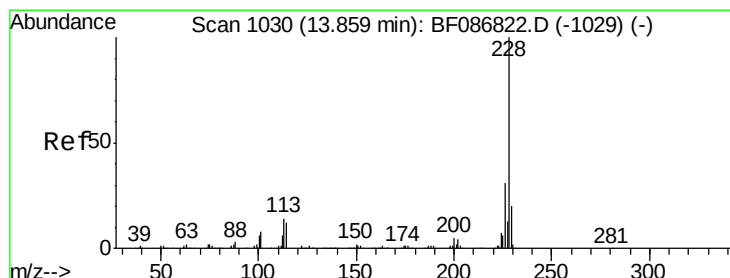
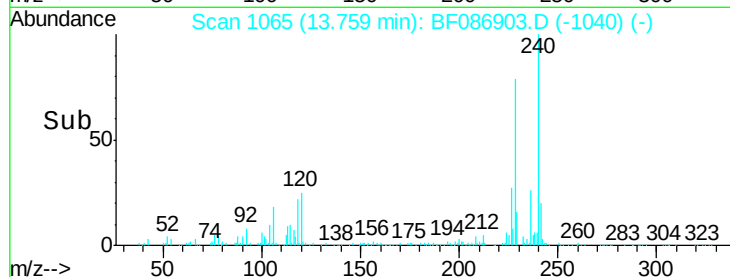
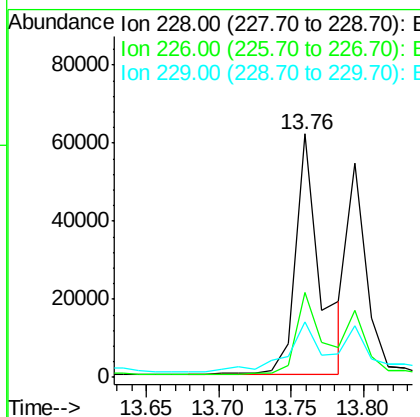
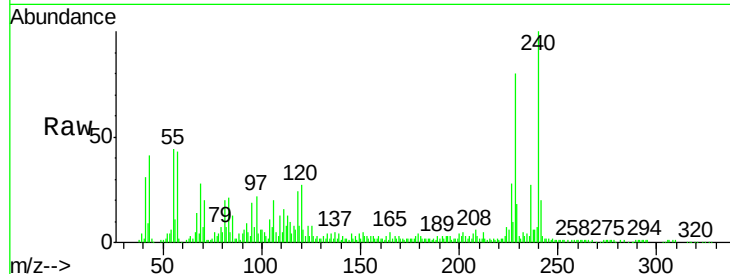
#80
Benzo(a)anthracene
Concen: 3.36 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF086903.D
Acq: 11 May 2016 22:33

Instrument :
BNA_F
ClientSampleId :
TP25-6-7FT

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.8	22.5	33.7#
229	22.5	16.6	25.0

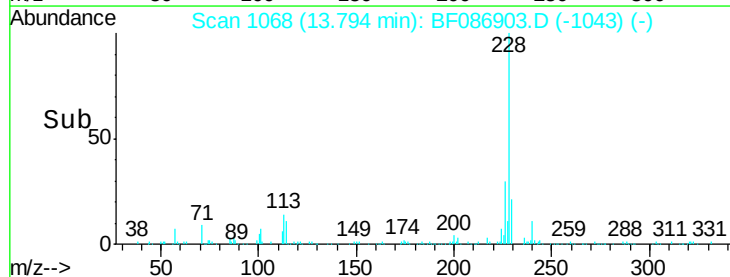
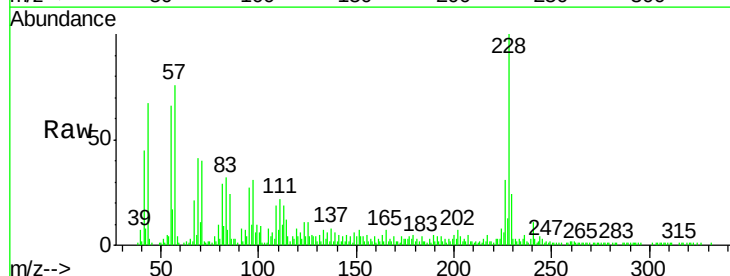
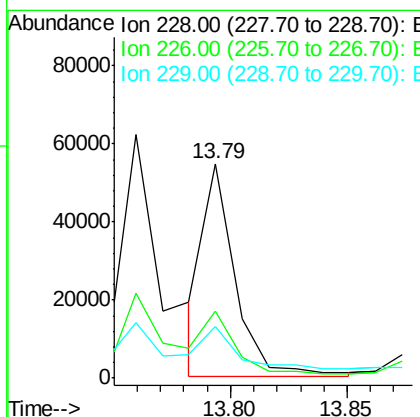
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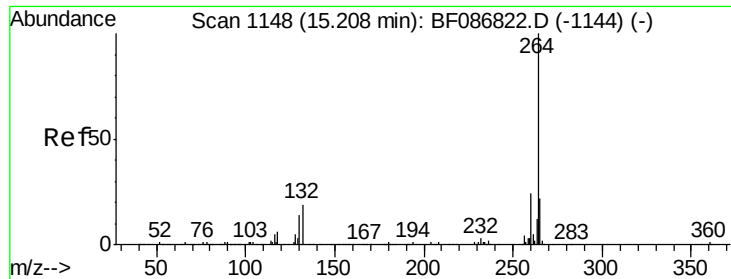
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#82
Chrysene
Concen: 2.29 ng m
RT: 13.79 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF086903.D
Acq: 11 May 2016 22:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	24.3	15.8	23.8#





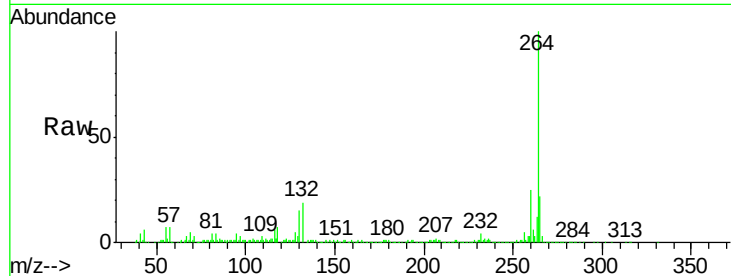
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF086903.D
Acq: 11 May 2016 22:33

Instrument :
BNA_F
ClientSampleId :
TP25-6-7FT

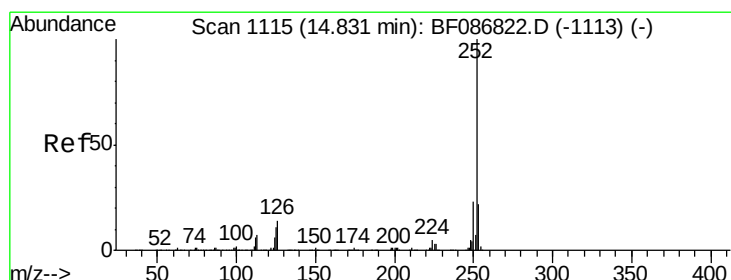
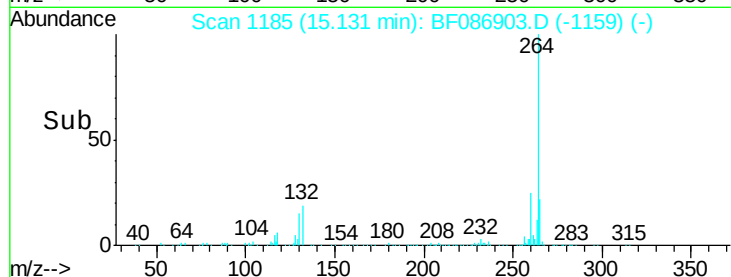
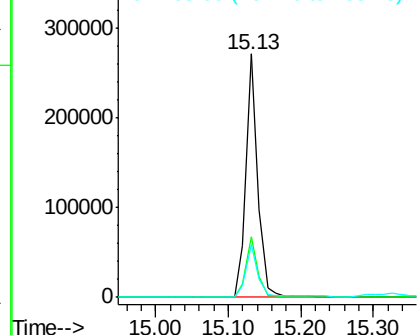
Tgt Ion	Ratio	Resp	Lower	Upper
264	100	310903		
260	24.7	19.5	29.3	
265	21.9	17.3	25.9	

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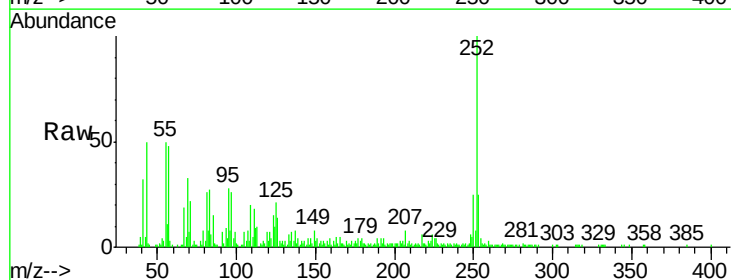


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

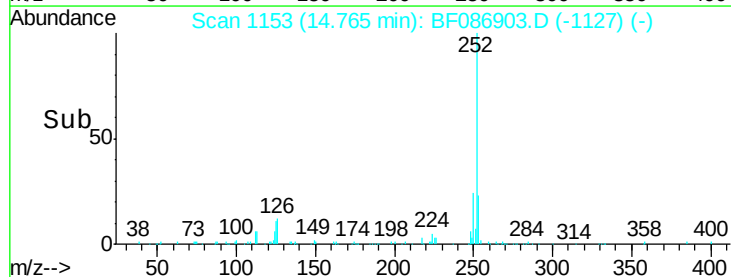
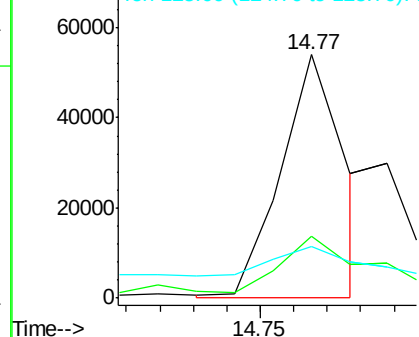


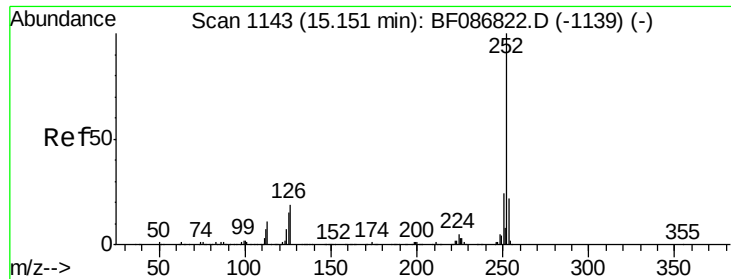
#87
Benzo(b)fluoranthene
Concen: 3.54 ng m
RT: 14.77 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF086903.D
Acq: 11 May 2016 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	71585		
253	25.3	17.8	26.6	
125	21.2	11.4	17.0	



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89
 Benzo(a)pyrene
 Concen: 2.88 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF086903.D
 Acq: 11 May 2016 22:33

Instrument :
 BNA_F
 ClientSampleId :
 TP25-6-7FT

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	23.9	9.0	13.6

Manual Integrations
 APPROVED

umangi
 5/12/2016 9:10:04 AM

