

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086945.D
 Acq On : 12 May 2016 22:20
 Operator : UM/SJ
 Sample : H2994-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1343-28.39(0-4)

Manual Integrations
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 5/13/2016 8:05:07 PM

Quant Time: May 13 02:00:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 00:58:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	137801	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	560759	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	254810	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	404682	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	276838	20.00	ng	-0.01
86) Perylene-d12	15.12	264	292001	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	849767	104.43	ng	0.00
7) Phenol-d6	6.28	99	1077224	99.06	ng	-0.01
23) Nitrobenzene-d5	7.20	82	790100	70.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	224138	83.09	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1246217	82.20	ng	0.00
78) Terphenyl-d14	12.72	244	839210	64.32	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.39	163	82268	4.23	ng	97
74) Fluoranthene	12.34	202	59895	2.70	ng	92
77) Pyrene	12.56	202	53722	2.53	ng	97
80) Benzo(a)anthracene	13.75	228	51393	3.31	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.37	276	27386	2.08	ng	# 86
87) Benzo(b)fluoranthene	14.75	252	64835m	3.42	ng	#
89) Benzo(a)pyrene	15.06	252	36547	2.23	ng	# 93

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

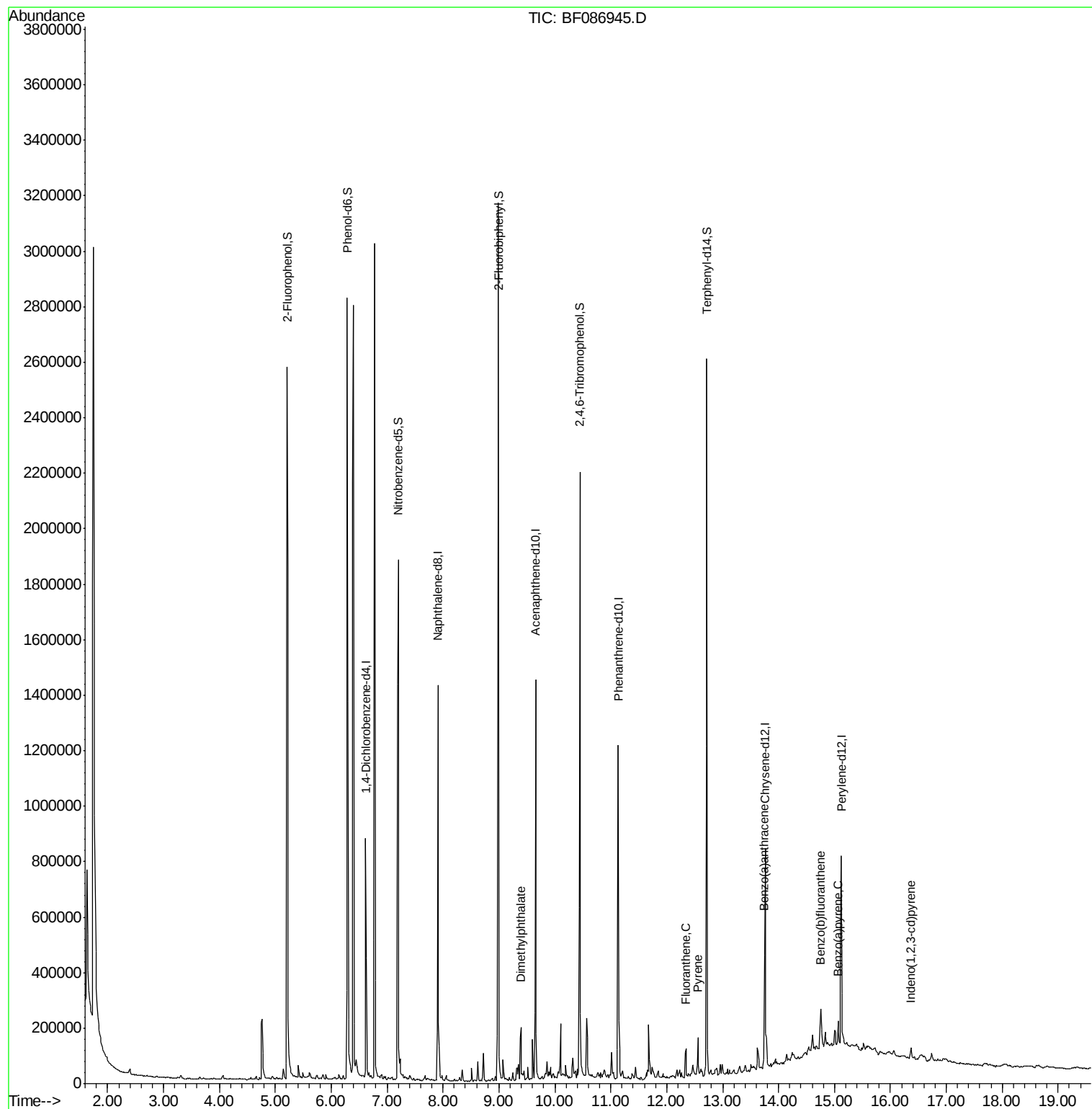
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086945.D
Acq On : 12 May 2016 22:20
Operator : UM/SJ
Sample : H2994-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

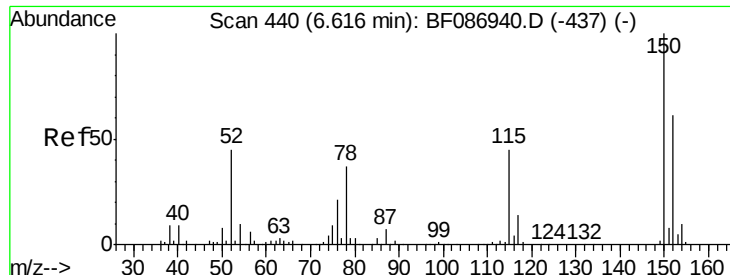
Instrument :
BNA_F
ClientSampleId :
PM-STA-1343-28.39(0-4)

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Quant Time: May 13 02:00:55 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 00:58:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF086945.D

Acq: 12 May 2016 22:20

Instrument :

BNA_F

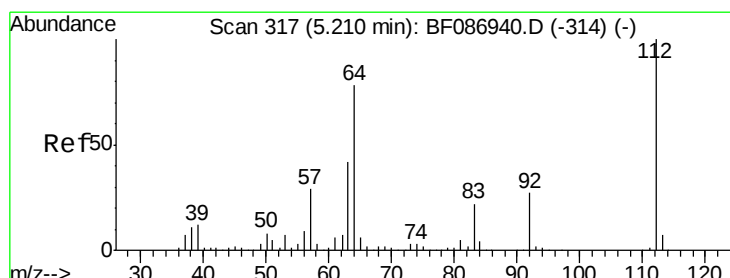
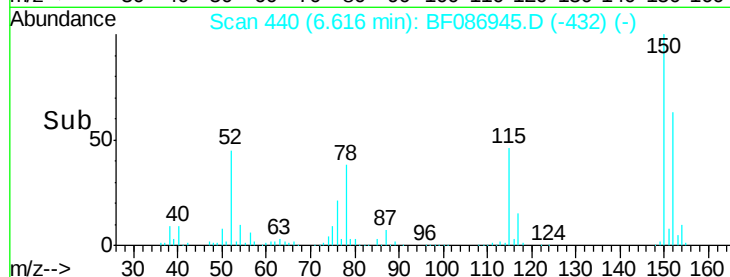
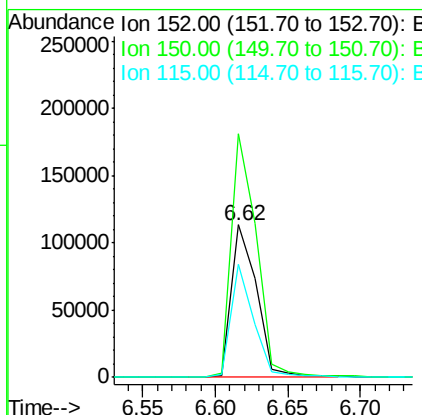
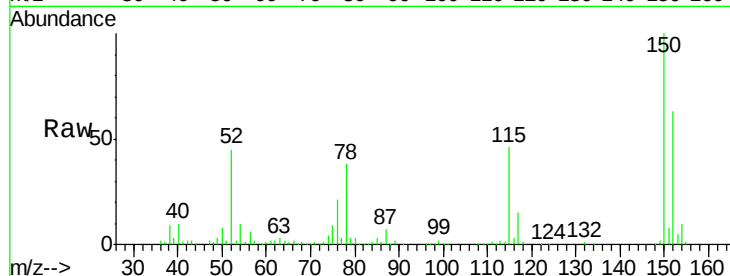
ClientSampleId :

PM-STA-1343-28.39(0-4)

Tgt Ion:	152	Resp:	137801
Ion Ratio	Lower	Upper	
152	100		
150	159.8	125.8	188.6
115	73.9	51.5	77.3

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#5

2-Fluorophenol

Concen: 104.43 ng

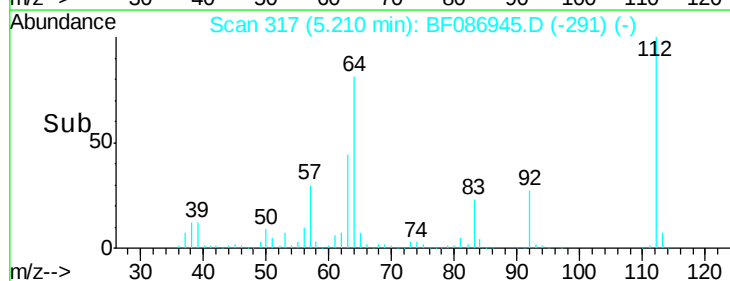
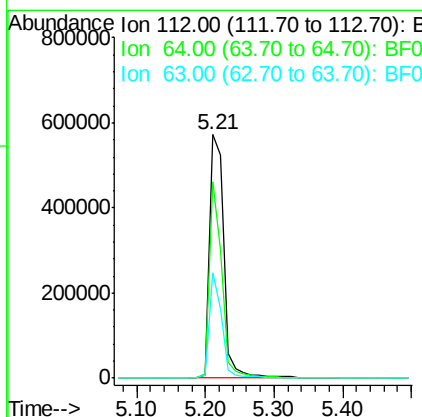
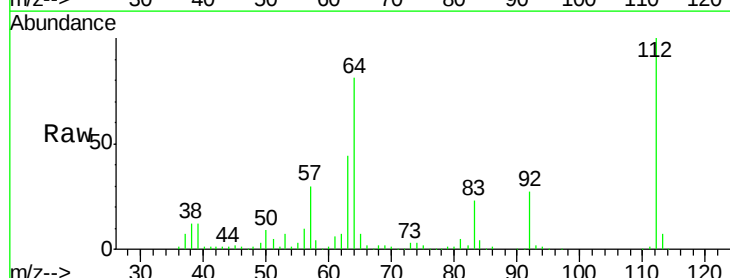
RT: 5.21 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF086945.D

Acq: 12 May 2016 22:20

Tgt Ion:	112	Resp:	849767
Ion Ratio	Lower	Upper	
112	100		
64	80.6	52.1	78.1#
63	43.5	25.7	38.5#





#7

Phenol-d6

Concen: 99.06 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF086945.D

Acq: 12 May 2016 22:20

Instrument :

BNA_F

ClientSampleId :

PM-STA-1343-28.39(0-4)

Tgt Ion: 99 Resp: 1077224

Ion Ratio Lower Upper

99 100

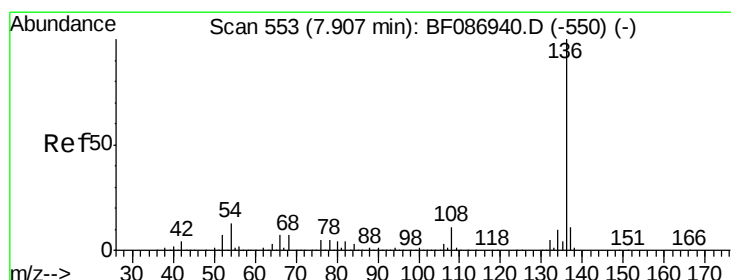
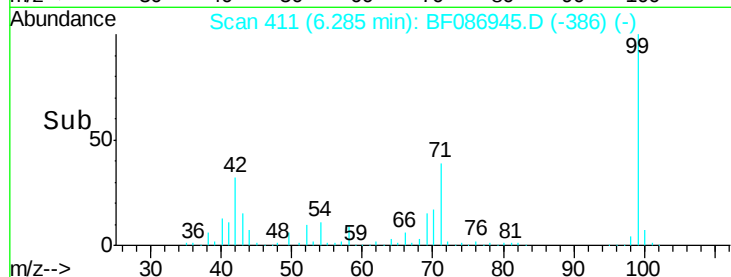
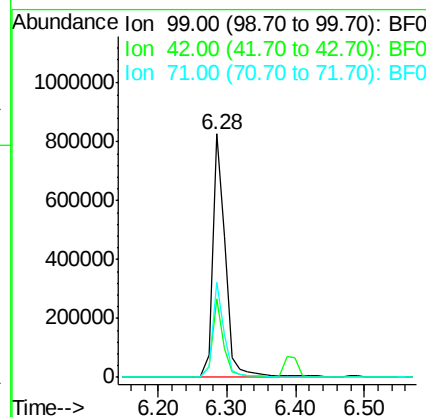
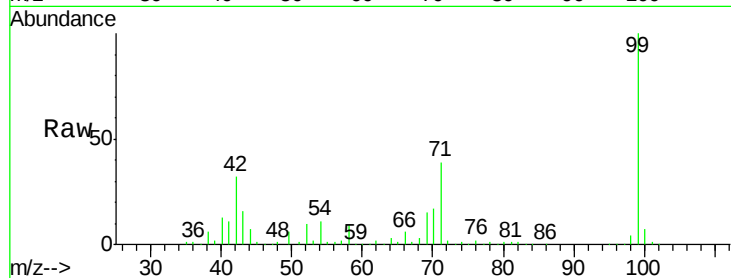
42 32.0 13.6 20.4#

71 39.3 24.6 36.8#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF086945.D

Acq: 12 May 2016 22:20

Tgt Ion: 136 Resp: 560759

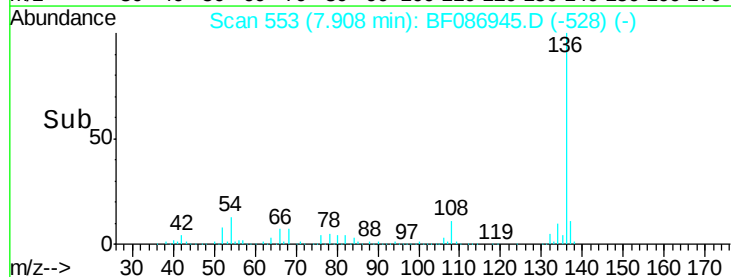
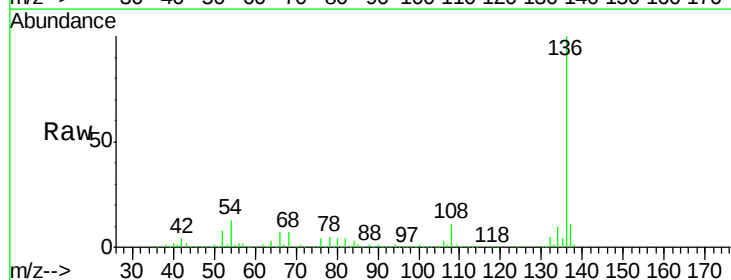
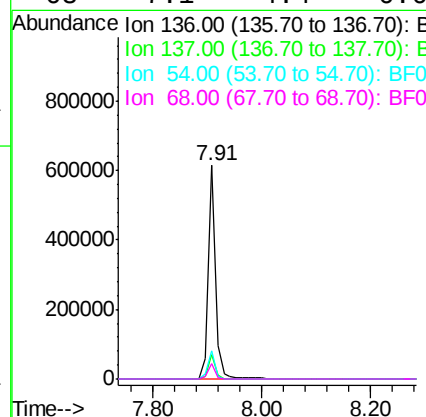
Ion Ratio Lower Upper

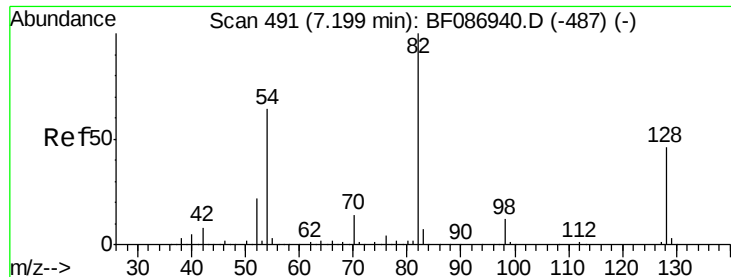
136 100

137 11.2 8.8 13.2

54 13.0 5.0 7.4#

68 7.1 4.4 6.6#





#23

Nitrobenzene-d5

Concen: 70.75 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF086945.D

Acq: 12 May 2016 22:20

Instrument :

BNA_F

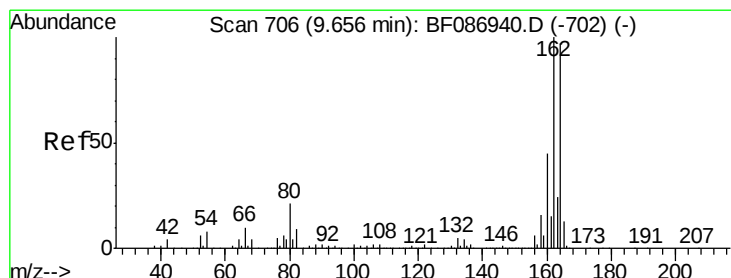
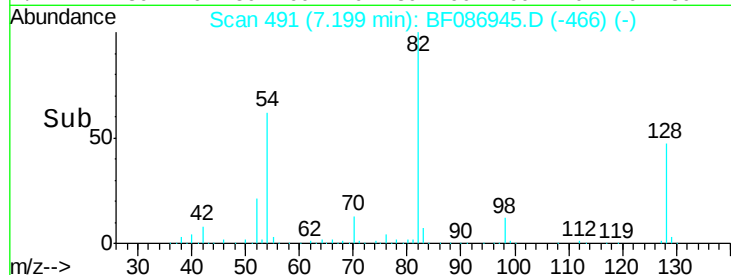
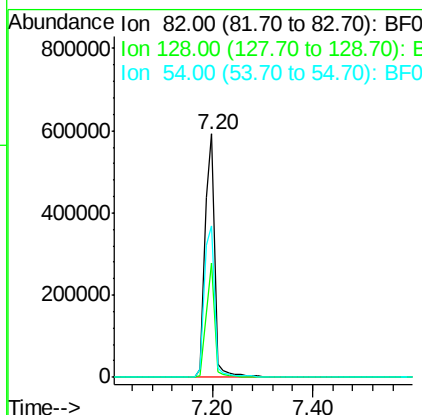
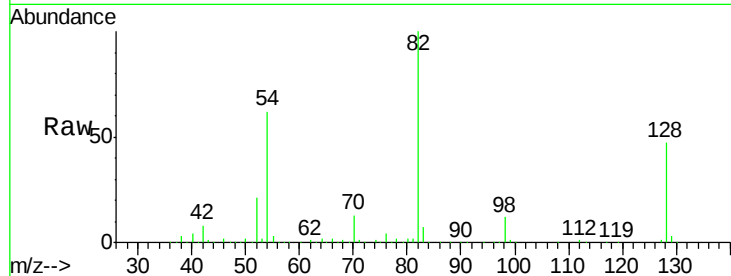
ClientSampleId :

PM-STA-1343-28.39(0-4)

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	790100		
128	47.0	40.6	61.0	
54	62.4	38.1	57.1	

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#38

Acenaphthene-d10

Concen: 20.00 ng

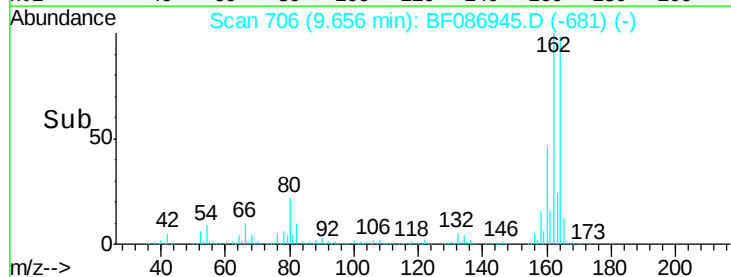
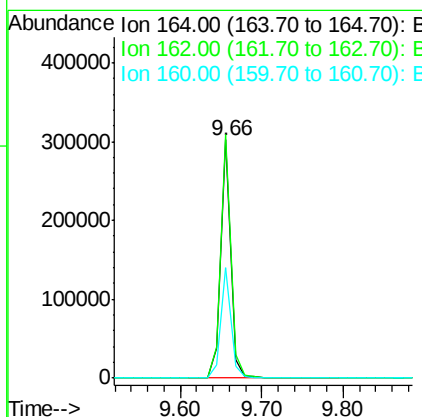
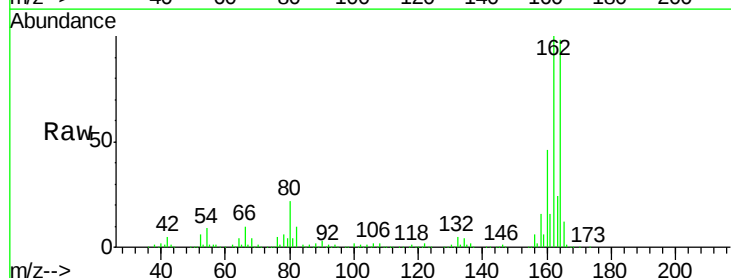
RT: 9.66 min Scan# 706

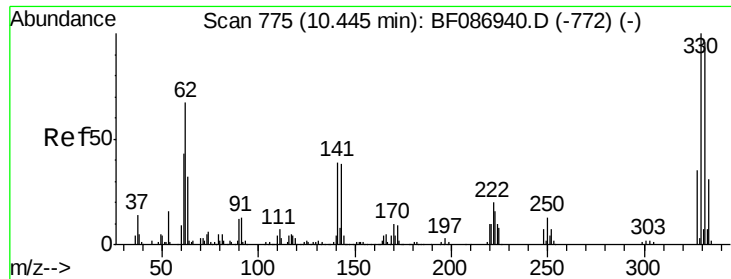
Delta R.T. -0.01 min

Lab File: BF086945.D

Acq: 12 May 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	254810		
162	102.2	82.8	124.2	
160	46.5	36.9	55.3	





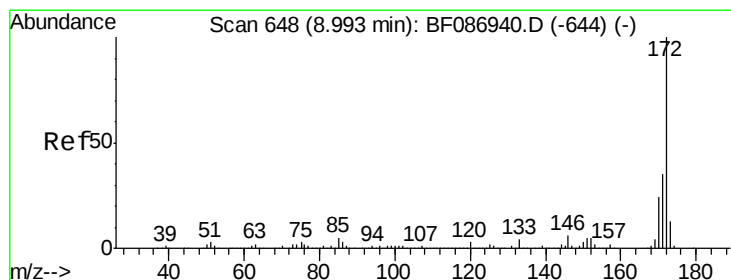
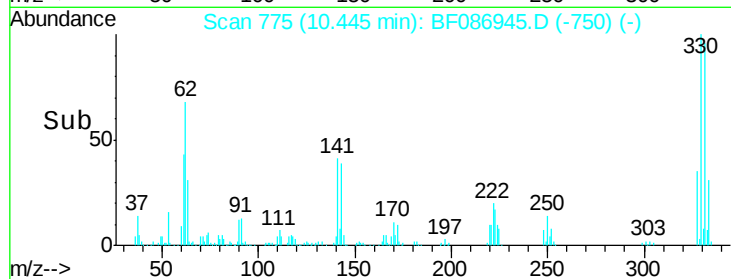
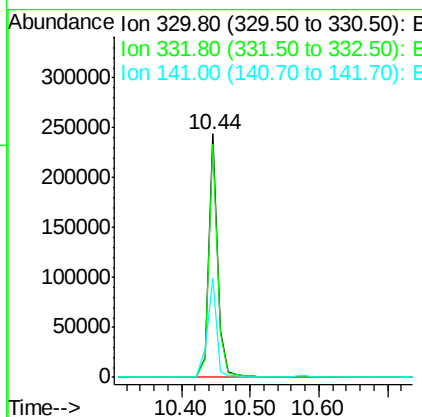
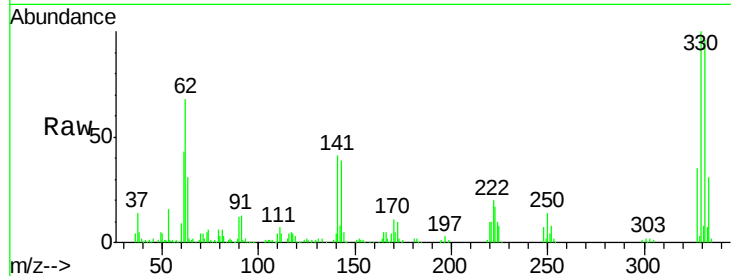
#41
 2,4,6-Tribromophenol
 Concen: 83.09 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF086945.D
 Acq: 12 May 2016 22:20

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1343-28.39(0-4)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	224138		
332	95.5	79.0	118.4	
141	43.6	31.2	46.8	

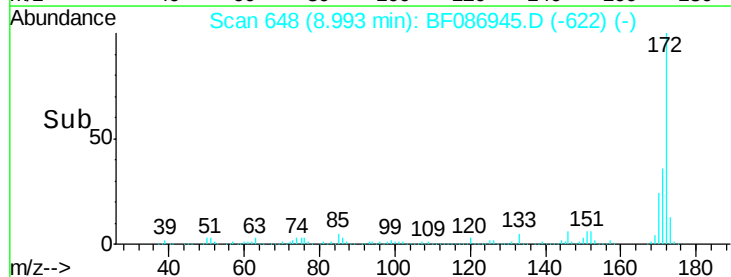
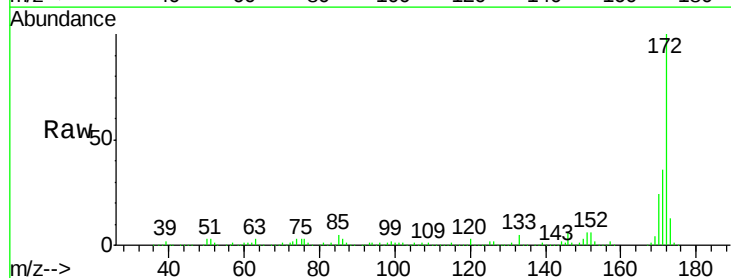
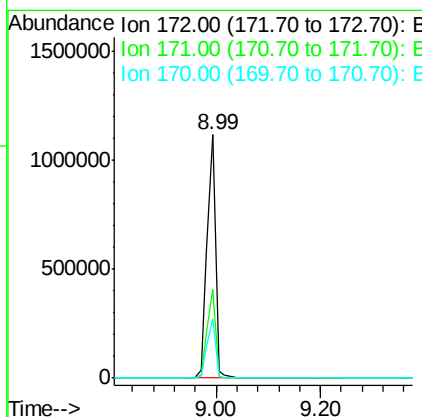
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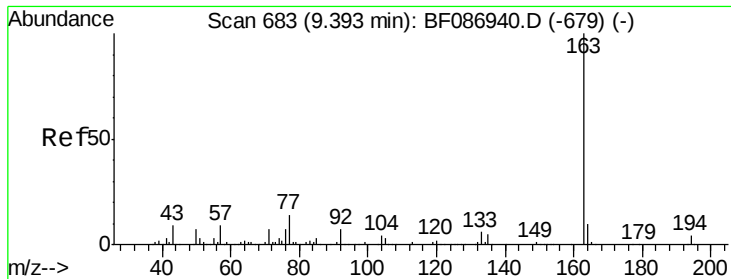
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#44
 2-Fluorobiphenyl
 Concen: 82.20 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF086945.D
 Acq: 12 May 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1246217		
171	36.2	29.0	43.6	
170	24.3	19.8	29.8	





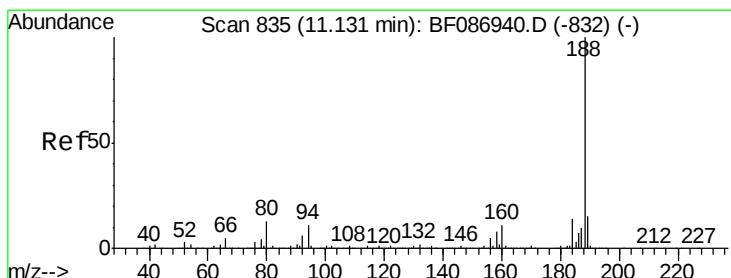
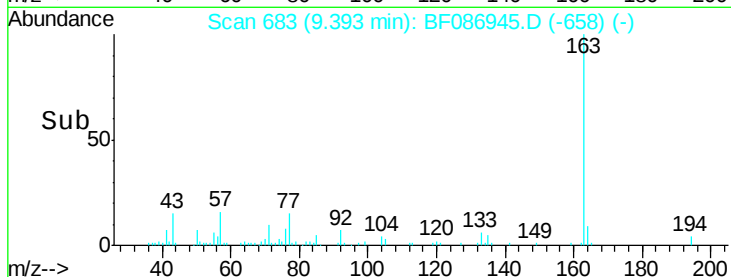
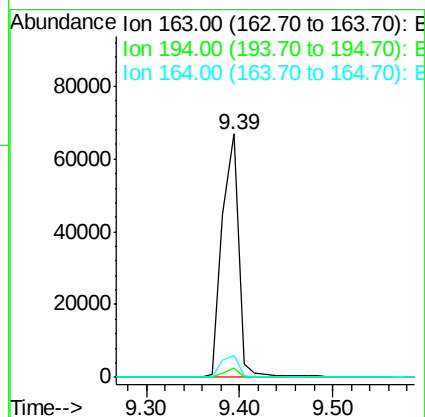
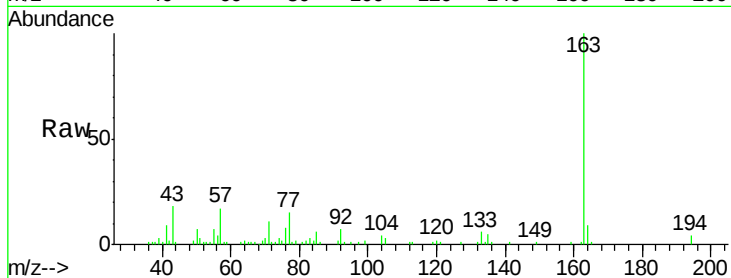
#49
Dimethylphthalate
Concen: 4.23 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF086945.D
Acq: 12 May 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PM-STA-1343-28.39(0-4)

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	82268		
194	3.8	2.6	4.0	
164	9.2	8.2	12.4	

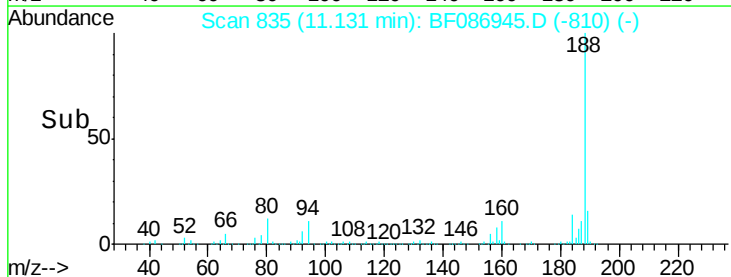
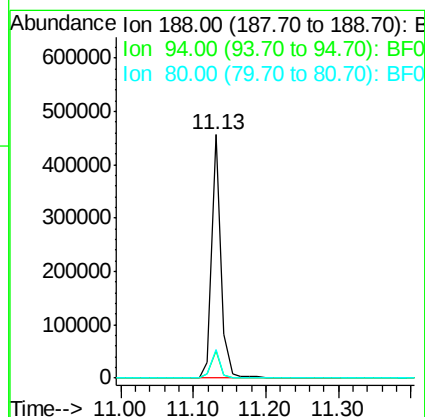
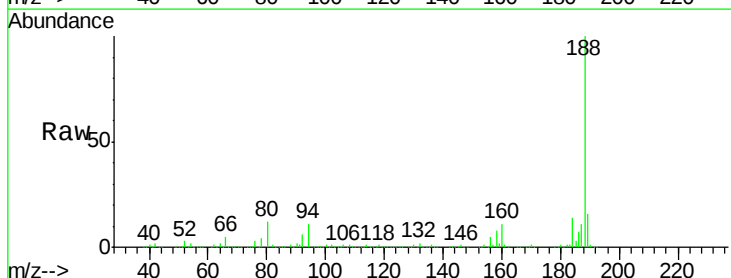
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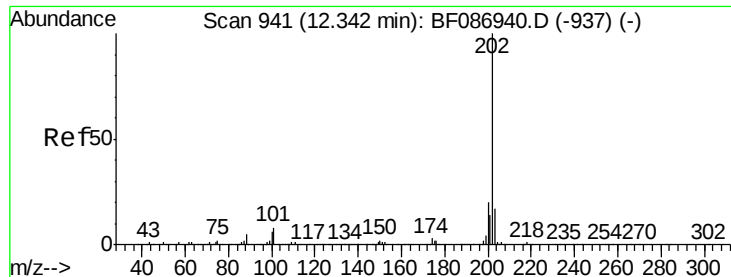
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF086945.D
Acq: 12 May 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	404682		
94	11.1	6.8	10.2#	
80	12.0	7.1	10.7#	





#74

Fluoranthene

Concen: 2.70 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF086945.D

Acq: 12 May 2016 22:20

Instrument :

BNA_F

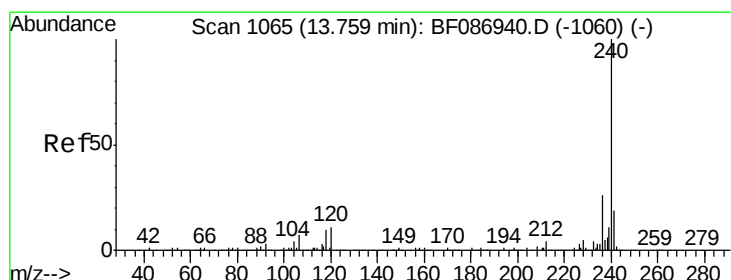
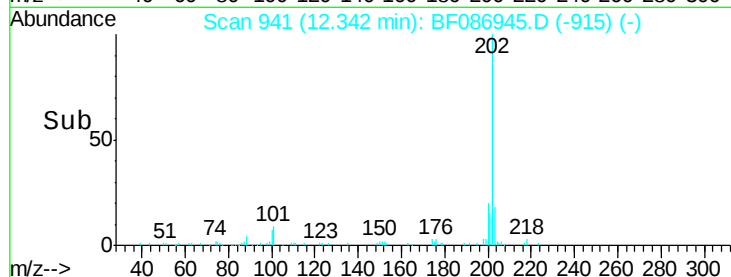
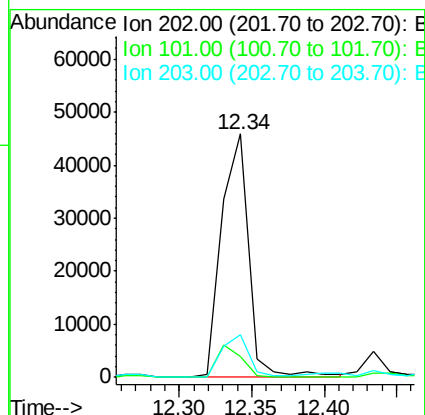
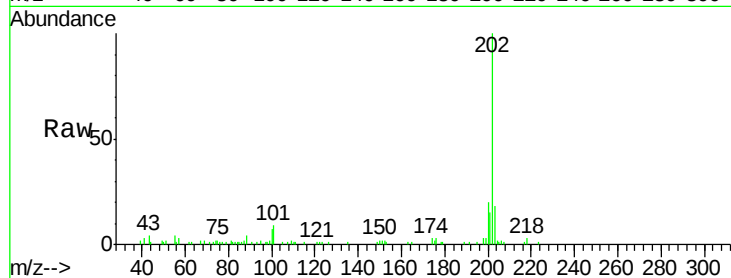
ClientSampleId :

PM-STA-1343-28.39(0-4)

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	59895		
101	8.9	0.0	35.4	
203	17.7	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.00 ng

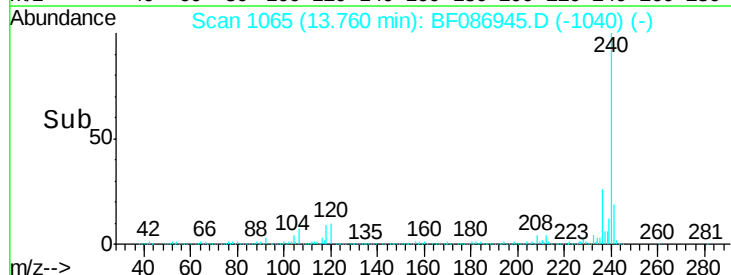
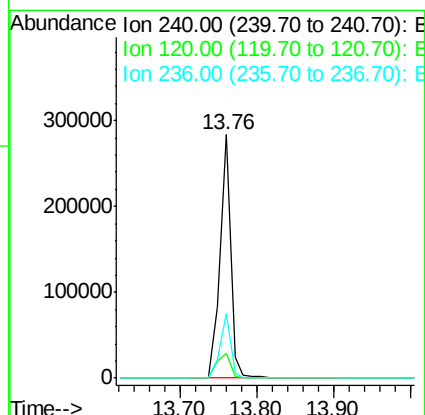
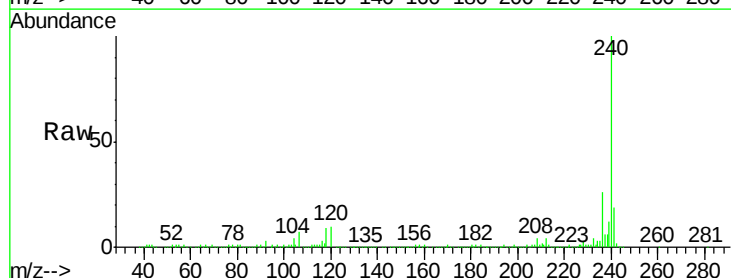
RT: 13.76 min Scan# 1065

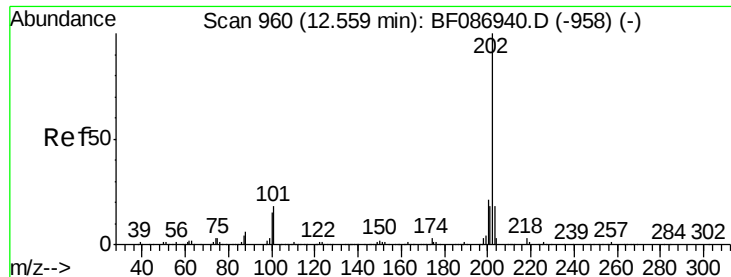
Delta R.T. -0.01 min

Lab File: BF086945.D

Acq: 12 May 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	276838		
120	9.9	11.2	16.8#	
236	26.4	21.2	31.8	





#77

Pyrene

Concen: 2.53 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF086945.D

Acq: 12 May 2016 22:20

Instrument :

BNA_F

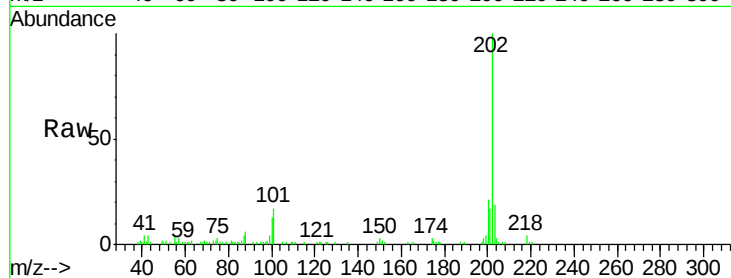
ClientSampleId :

PM-STA-1343-28.39(0-4)

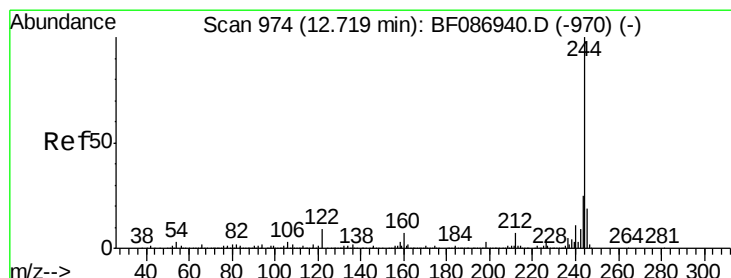
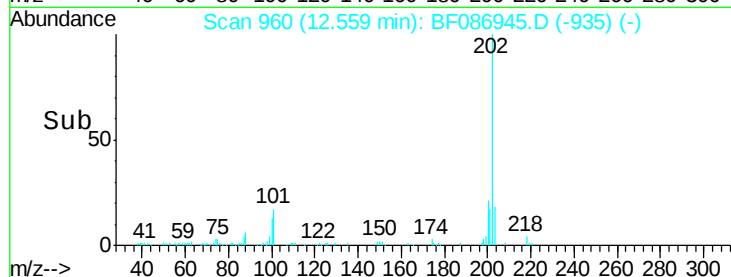
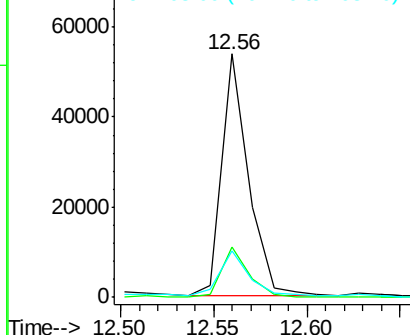
Tgt Ion:	202	Resp:	53722
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.7	26.5
203	18.8	14.2	21.4

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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: 64.32 ng

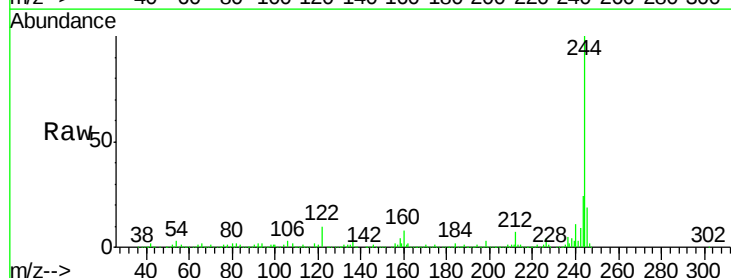
RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

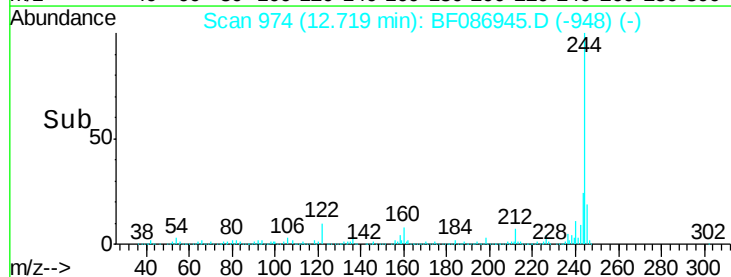
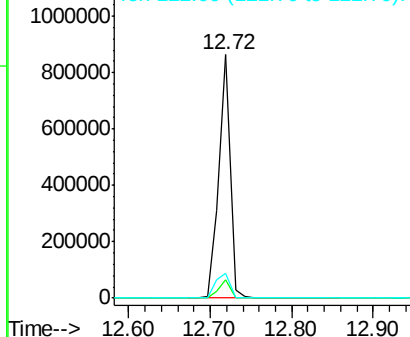
Lab File: BF086945.D

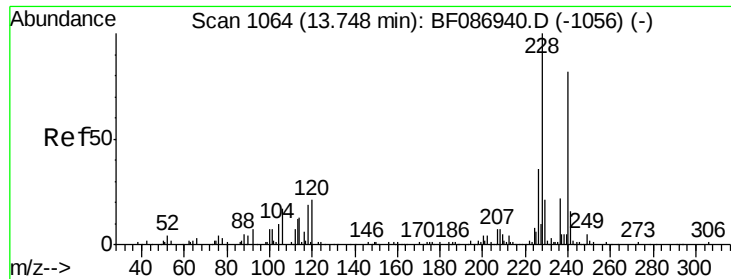
Acq: 12 May 2016 22:20

Tgt Ion:	244	Resp:	839210
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.2	9.2
122	10.0	12.0	18.0#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





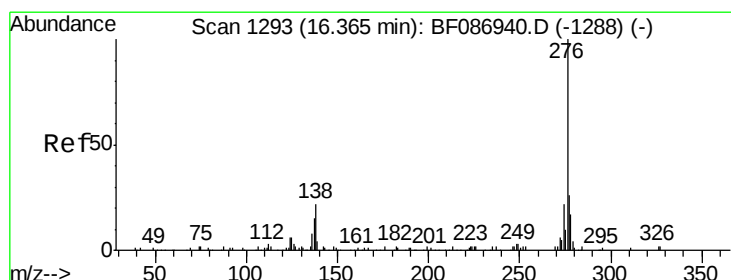
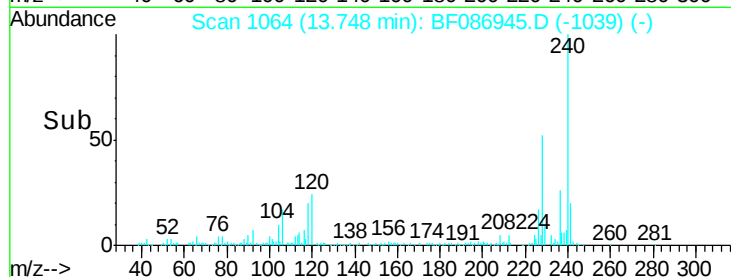
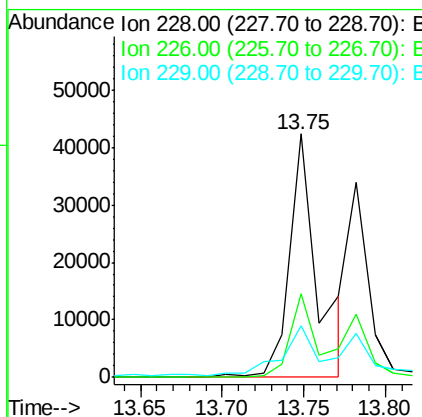
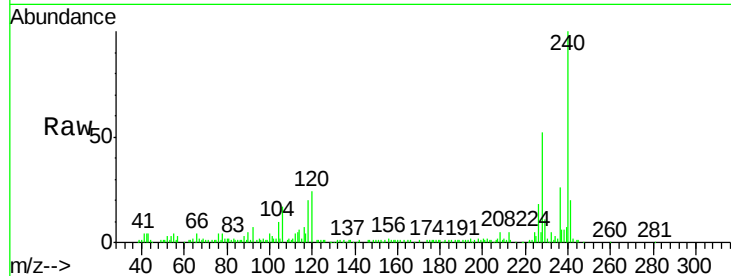
#80
Benzo(a)anthracene
Concen: 3.31 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF086945.D
Acq: 12 May 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PM-STA-1343-28.39(0-4)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.3	22.5	33.7#
229	21.3	16.6	25.0

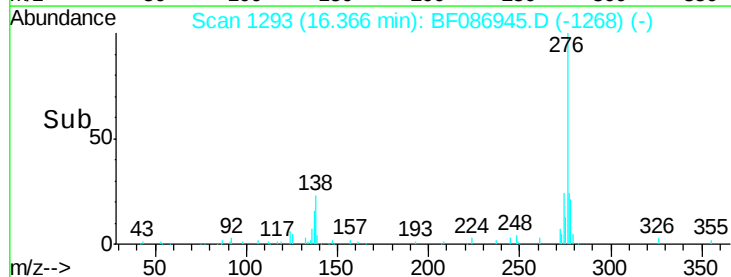
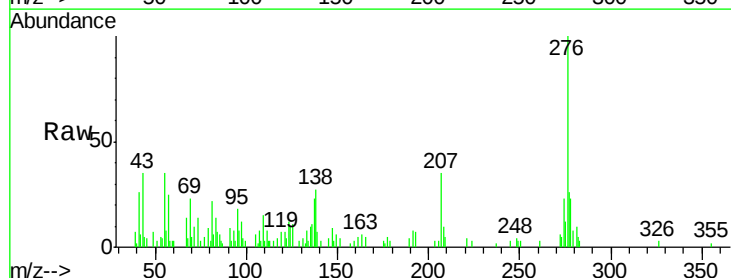
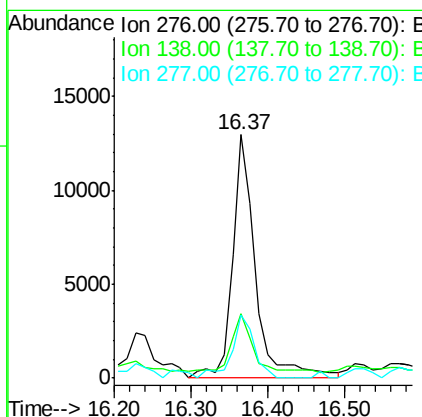
Manual Integrations
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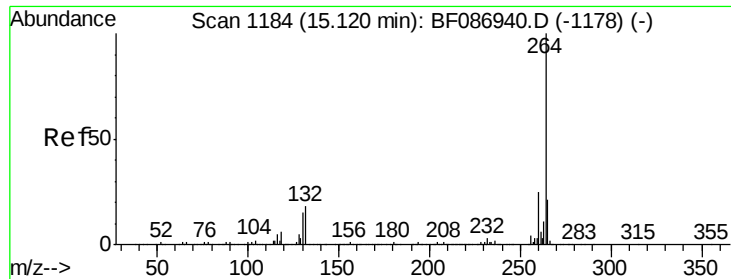
sohil
5/13/2016 8:05:07 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.08 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF086945.D
Acq: 12 May 2016 22:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.8	25.6	38.4#
277	24.8	20.5	30.7





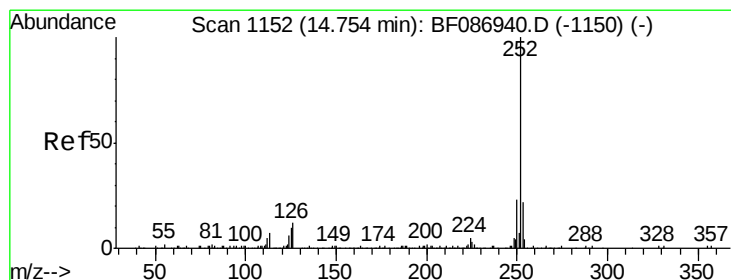
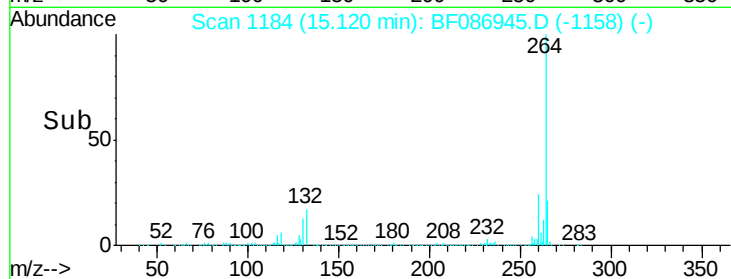
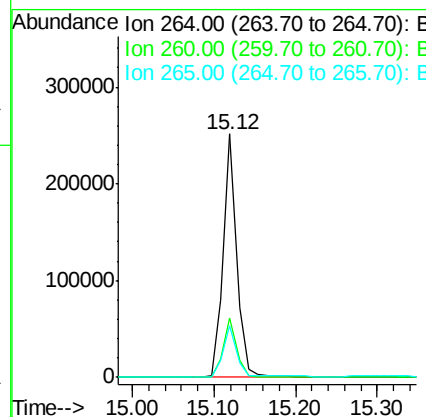
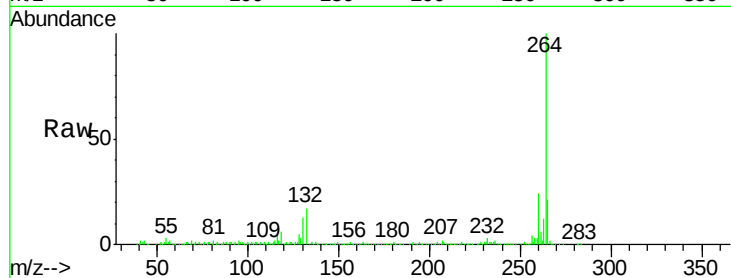
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF086945.D
Acq: 12 May 2016 22:20

Instrument :
BNA_F
ClientSampleId :
PM-STA-1343-28.39(0-4)

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	292001		
260	24.4	19.5	29.3	
265	21.4	17.3	25.9	

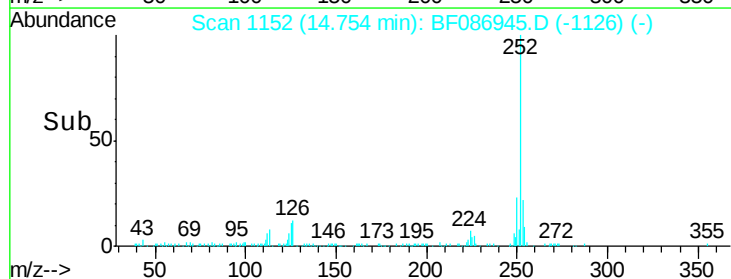
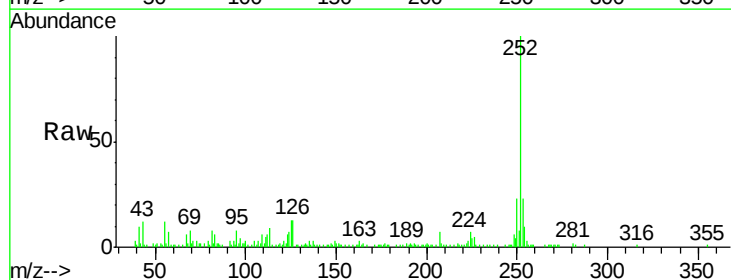
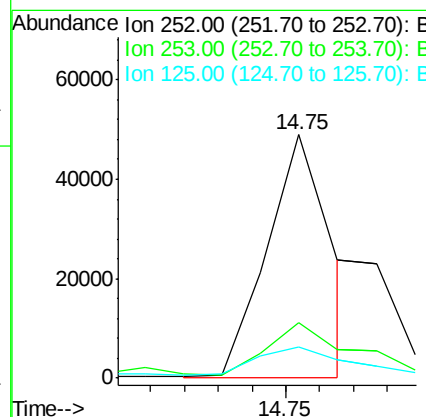
Manual Integrations
APPROVED

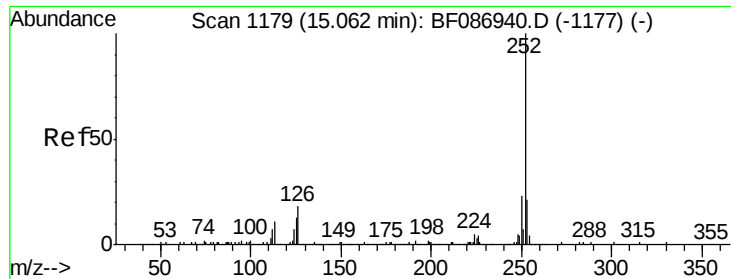
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#87
Benzo(b)fluoranthene
Concen: 3.42 ng m
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF086945.D
Acq: 12 May 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	64835		
253	22.8	17.8	26.6	
125	12.6	11.4	17.0	





#89

Benzo(a)pyrene

Concen: 2.23 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF086945.D

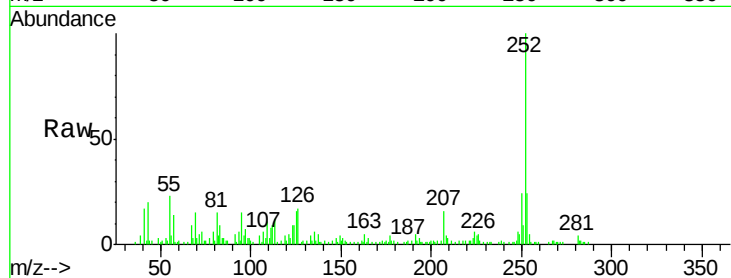
Acq: 12 May 2016 22:20

Instrument :

BNA_F

ClientSampleId :

PM-STA-1343-28.39(0-4)



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	15.9	9.0	13.6

Manual Integrations
APPROVED

sohil
5/13/2016 8:05:07 PM

