

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
 Data File : BF088959.D
 Acq On : 13 Jul 2016 15:47
 Operator : UM/SJ
 Sample : H3876-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-A-LOCATION-2-0-5FT

Manual Integrations

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Quant Time: Jul 14 01:22:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	67567m	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	238313	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	107209	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	189540	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	123080	20.00	ng	-0.02
86) Perylene-d12	15.20	264	130727	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	352867	78.27	ng	0.00
7) Phenol-d6	6.34	99	421991	72.44	ng	-0.01
23) Nitrobenzene-d5	7.26	82	286156	62.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	91206	91.61	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	544191	80.18	ng	-0.01
78) Terphenyl-d14	12.79	244	313100	56.66	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	80578	10.55	ng	Qvalue 100
70) Phenanthrene	11.22	178	21471	2.07	ng	100
74) Fluoranthene	12.41	202	41821	3.98	ng	95
77) Pyrene	12.63	202	34849	3.34	ng	95
80) Benzo(a)anthracene	13.82	228	19216	2.42	ng	93
87) Benzo(b)fluoranthene	14.82	252	21437m	2.61	ng	
89) Benzo(a)pyrene	15.14	252	16289	2.35	ng	98

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

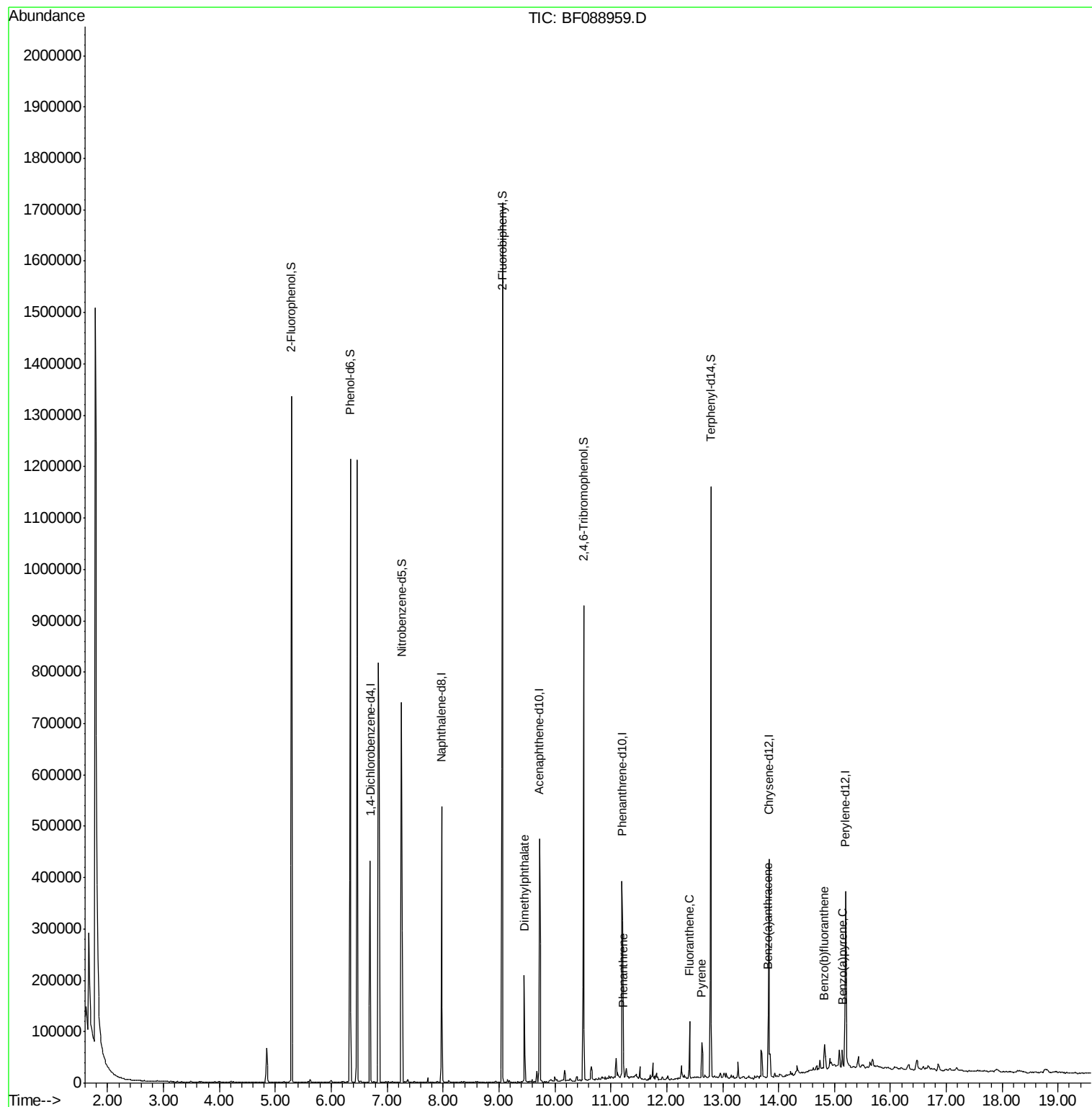
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
Data File : BF088959.D
Acq On : 13 Jul 2016 15:47
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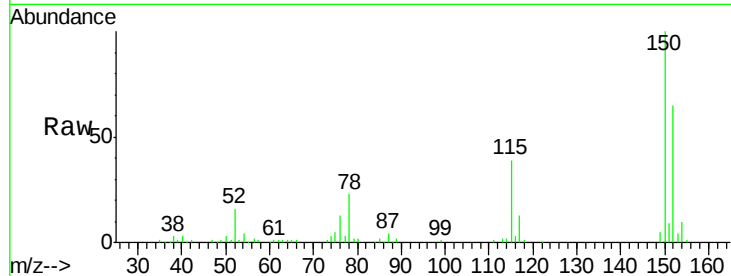




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.70 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

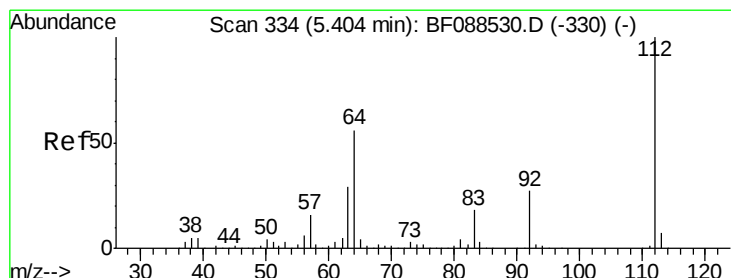
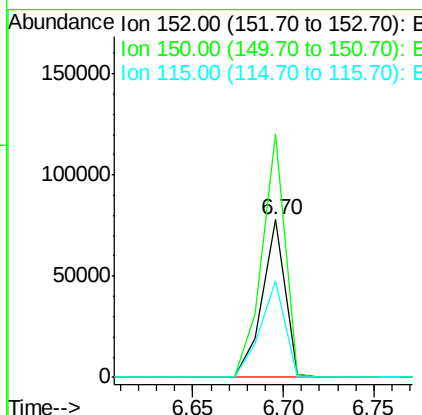
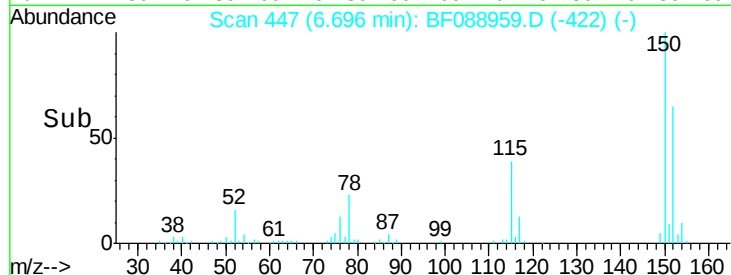
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.8	185.6
115	61.0	39.6	59.4

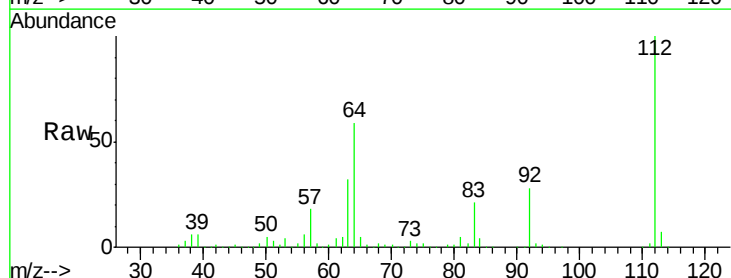
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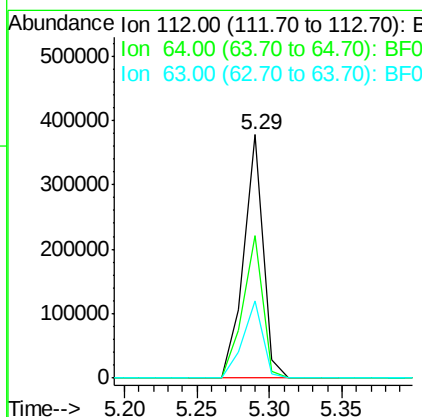
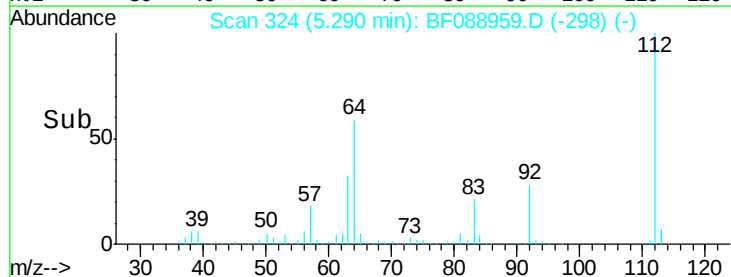


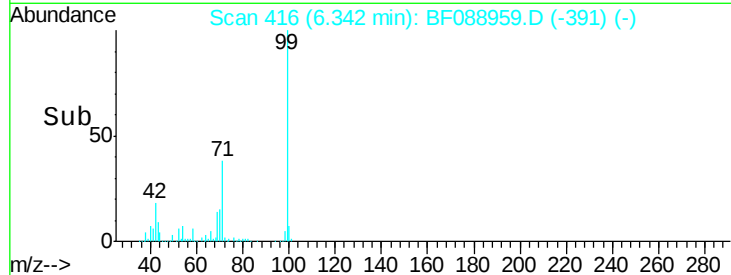
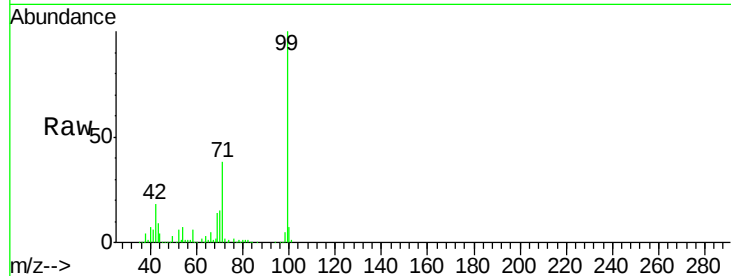
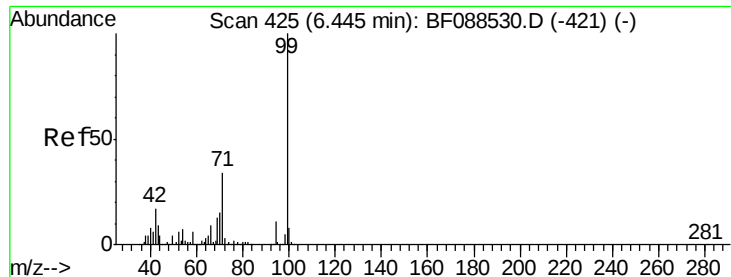
#5

2-Fluorophenol
Concen: 78.27 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.00 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47



Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	42.2	63.2
63	31.8	21.8	32.8





#7

Phenol-d6

Concen: 72.44 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088959.D

Acq: 13 Jul 2016 15:47

Tgt Ion	Ratio	Lower	Upper
99	100		
42	18.2	12.2	18.2
71	38.2	23.4	35.0

Instrument :

BNA_F

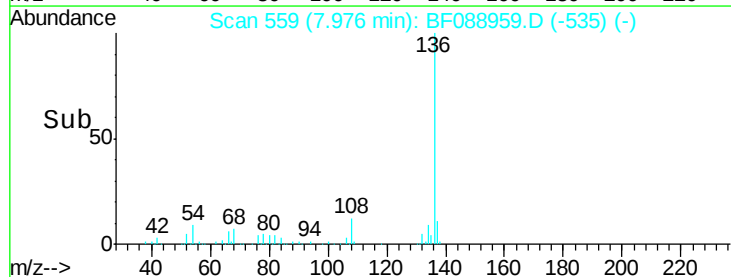
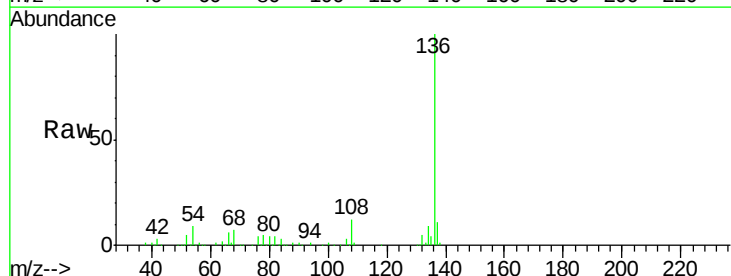
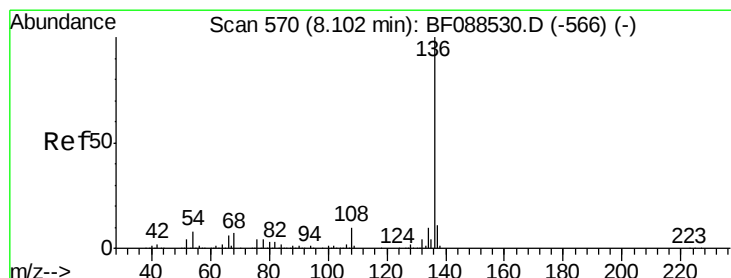
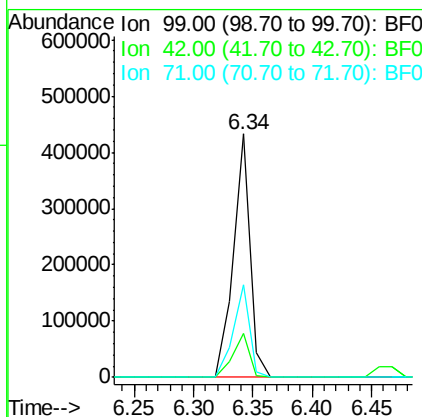
ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.00 ng

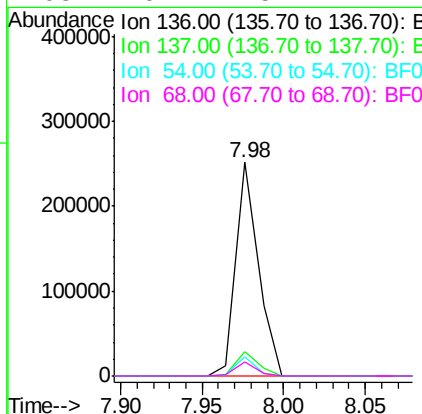
RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF088959.D

Acq: 13 Jul 2016 15:47

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.8	6.6	10.0
68	6.7	5.1	7.7





#23

Nitrobenzene-d5

Concen: 62.93 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF088959.D

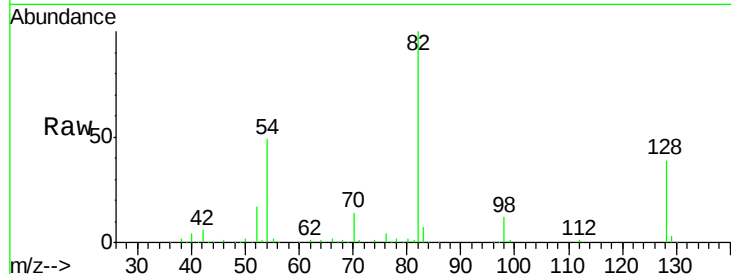
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Instrument :

BNA_F

ClientSampleId :

2-A-LOCATION-2-0-5FT

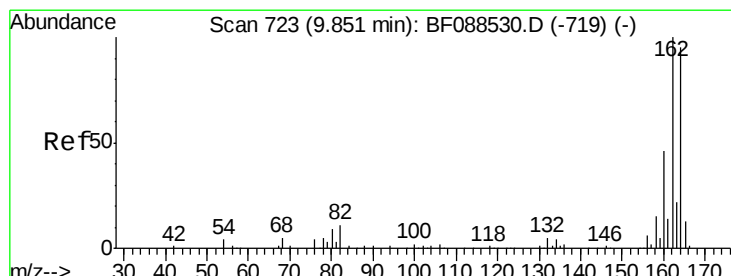
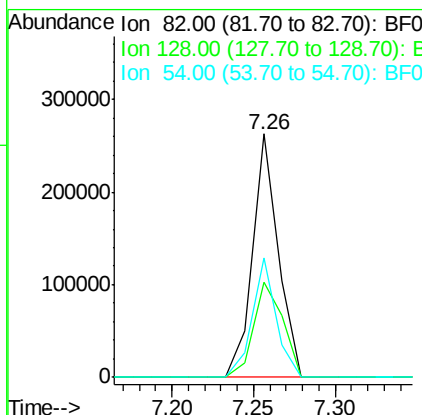
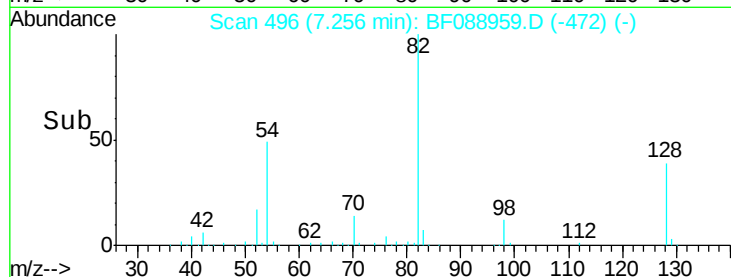


Tgt Ion	82	128	54
Ratio	100	39.1	49.2
Lower		35.9	40.9
Upper		53.9	61.3

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#38

Acenaphthene-d10

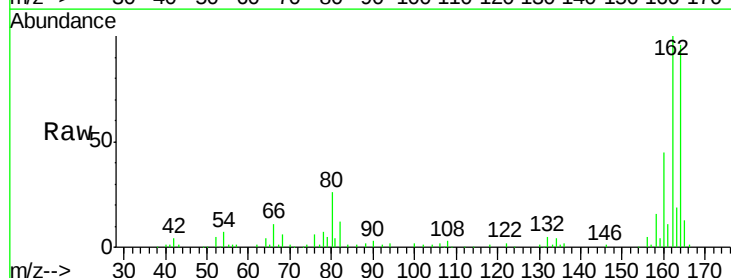
Concen: 20.00 ng

RT: 9.72 min Scan# 712

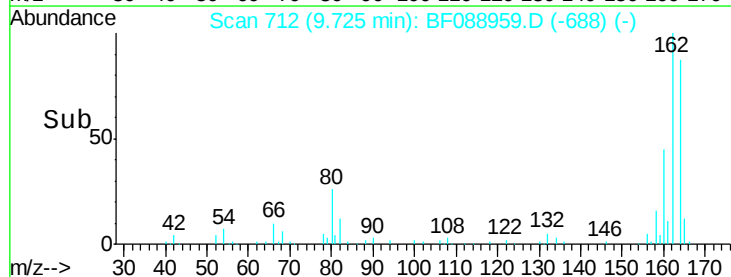
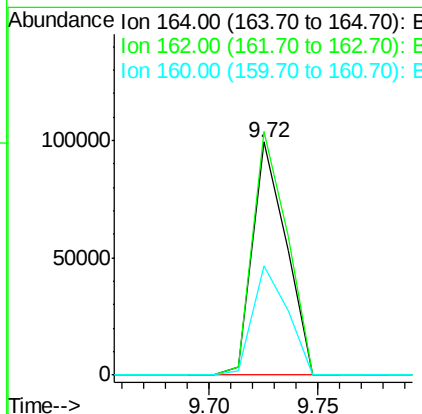
Delta R.T. -0.02 min

Lab File: BF088959.D

Acq: 13 Jul 2016 15:47



Tgt Ion	164	162	160
Ratio	100	104.6	46.9
Lower		85.4	39.5
Upper		128.2	59.3





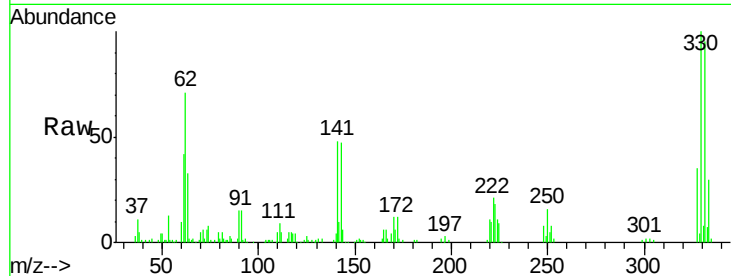
#41
 2,4,6-Tribromophenol
 Concen: 91.61 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF088959.D
 Acq: 13 Jul 2016 15:47

Instrument :
 BNA_F
 ClientSampleId :
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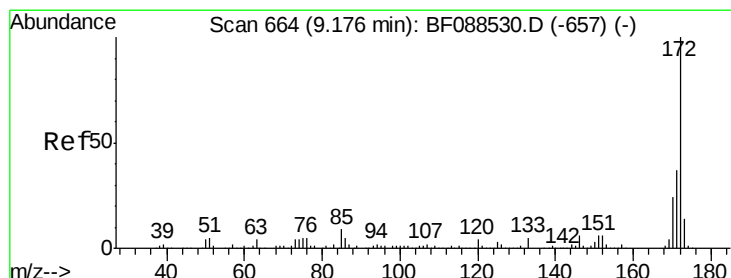
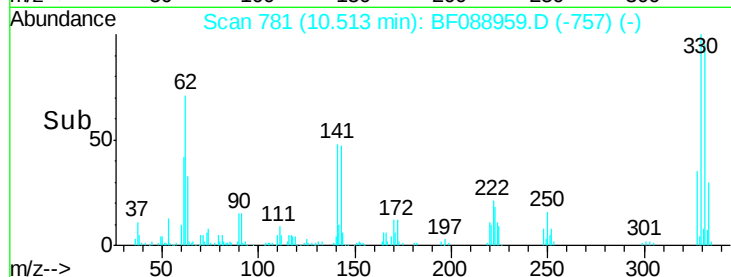
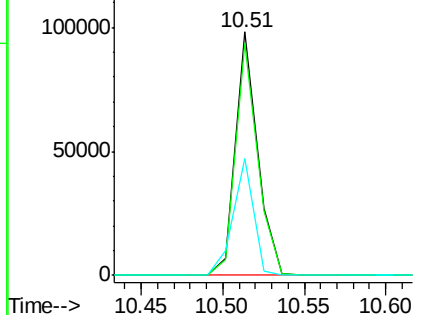
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	91206		
332	95.4	0.0	0.0	0.0
141	44.2	0.0	0.0	0.0

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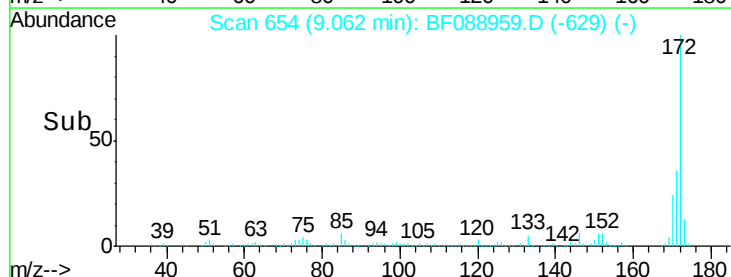
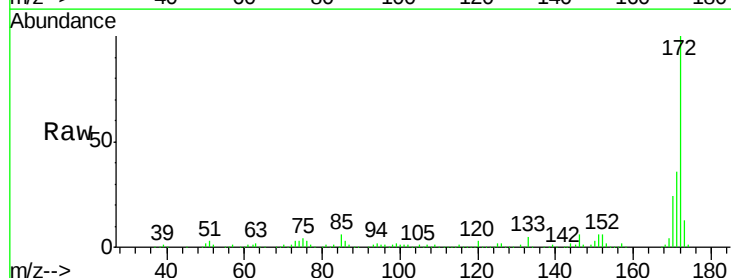
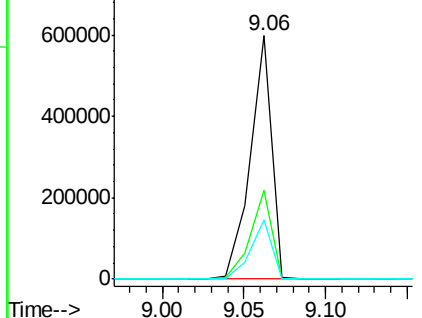
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

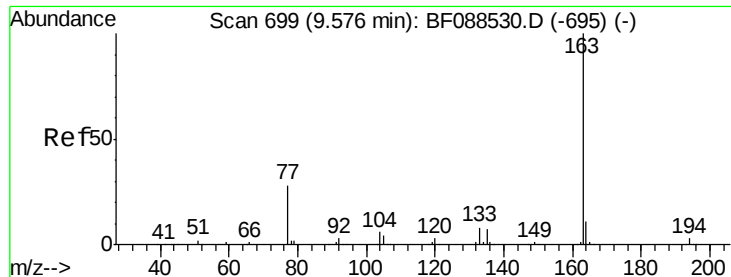


#44
 2-Fluorobiphenyl
 Concen: 80.18 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088959.D
 Acq: 13 Jul 2016 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	544191		
171	36.4	28.6	43.0	
170	24.3	19.2	28.8	

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





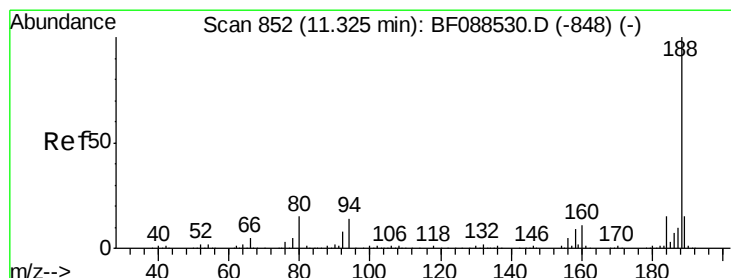
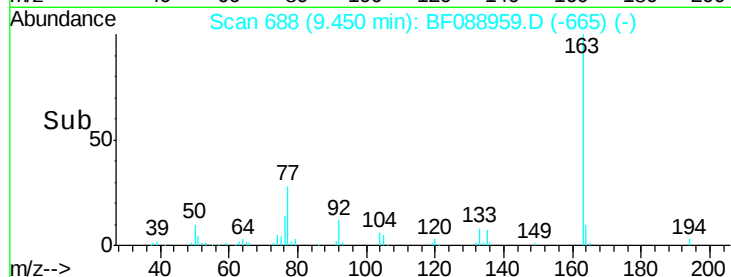
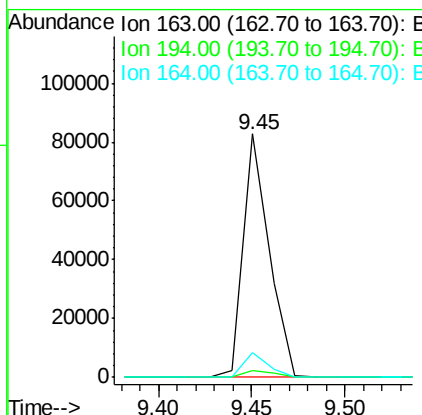
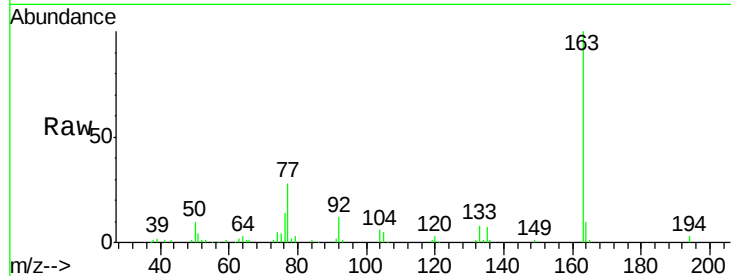
#49
Dimethylphthalate
Concen: 10.55 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:163 Resp: 80578
Ion Ratio Lower Upper
163 100
194 2.9 2.8 4.2
164 10.4 8.3 12.5

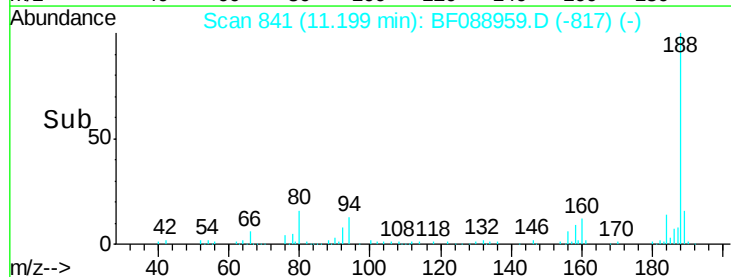
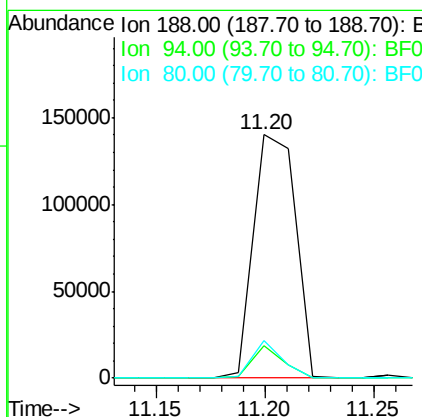
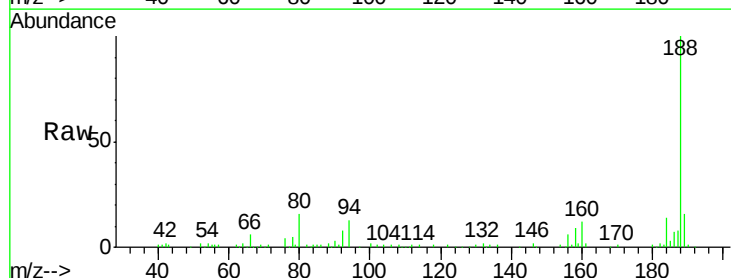
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Tgt Ion:188 Resp: 189540
Ion Ratio Lower Upper
188 100
94 13.2 9.0 13.6
80 15.6 10.0 15.0#





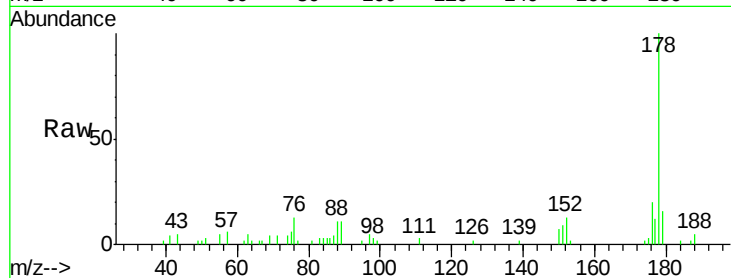
#70
Phenanthrene
Concen: 2.07 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Instrument :
BNA_F
ClientSampleId :
2-A-LOCATION-2-0-5FT

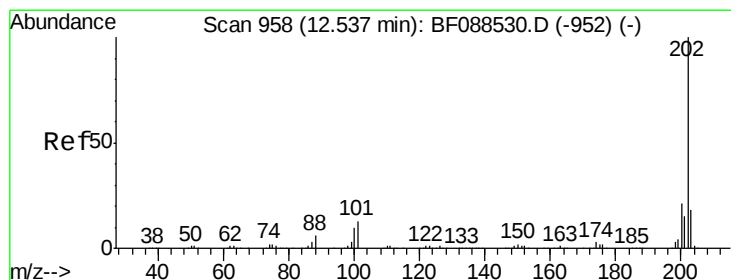
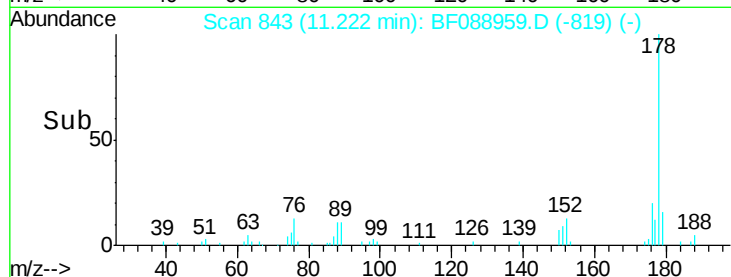
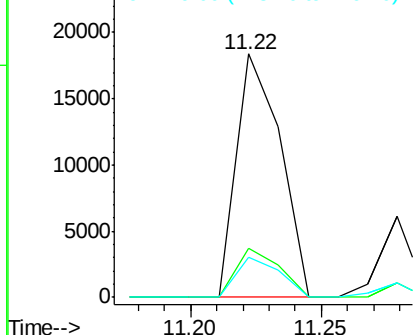
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	16.2	13.0	19.4

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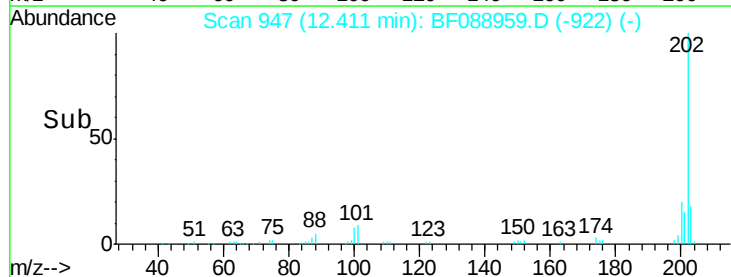
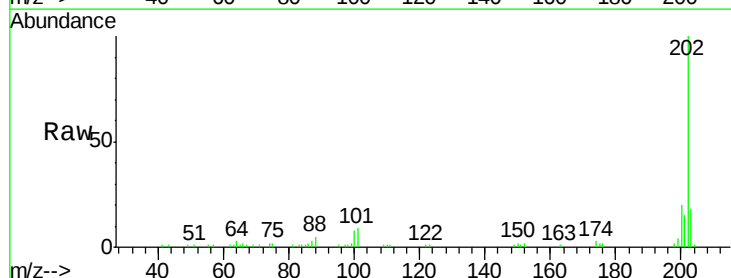
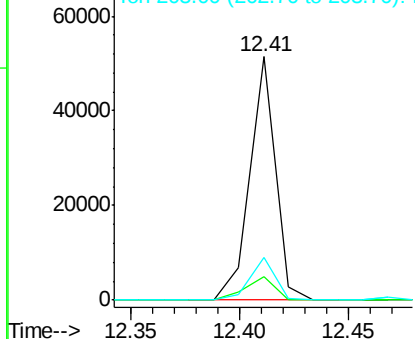
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74
Fluoranthene
Concen: 3.98 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	33.1
203	17.5	0.0	38.1

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: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088959.D

Acq: 13 Jul 2016 15:47

Instrument :

BNA_F

ClientSampleId :

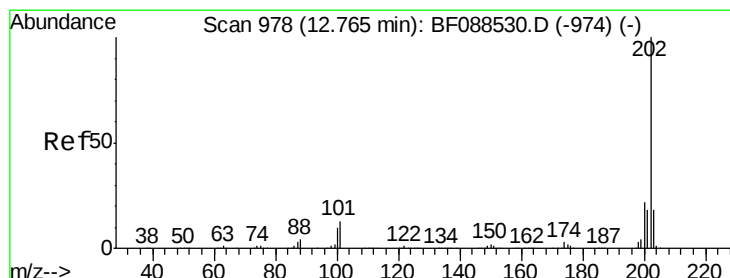
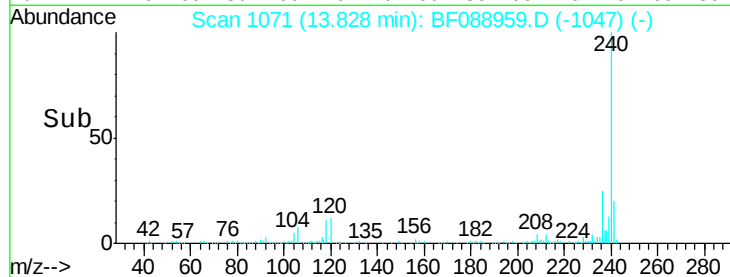
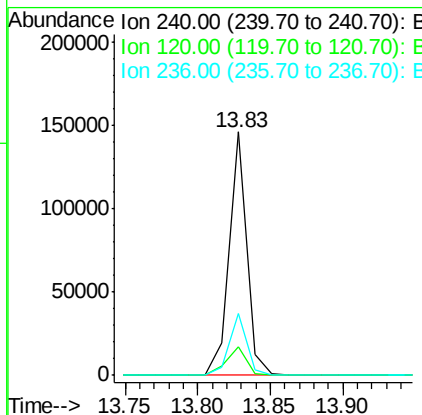
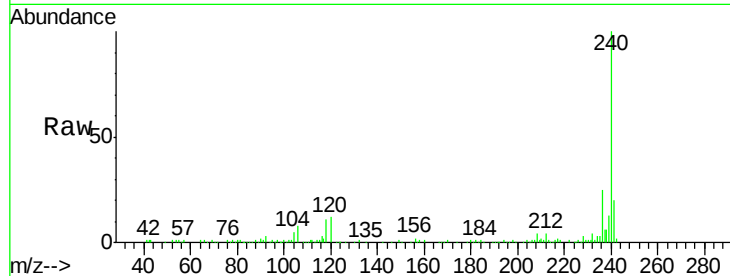
2-A-LOCATION-2-0-5FT

Tgt Ion:	240	Resp:	123080
Ion Ratio	Lower	Upper	
240	100		
120	11.6	6.8	10.2#
236	25.3	20.2	30.2

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#77

Pyrene

Concen: 3.34 ng

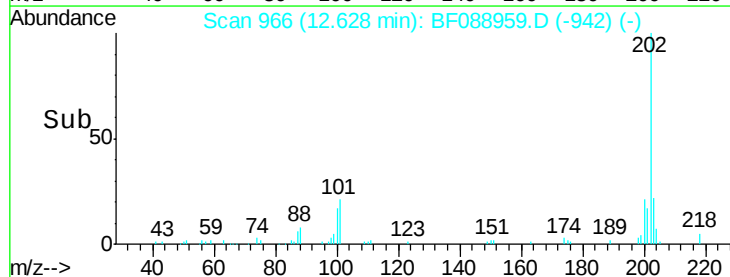
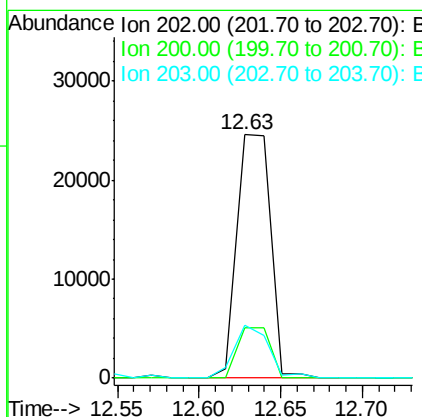
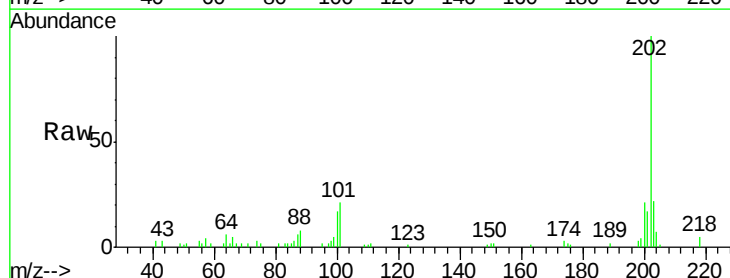
RT: 12.63 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF088959.D

Acq: 13 Jul 2016 15:47

Tgt Ion:	202	Resp:	34849
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.4	26.2
203	21.7	14.5	21.7





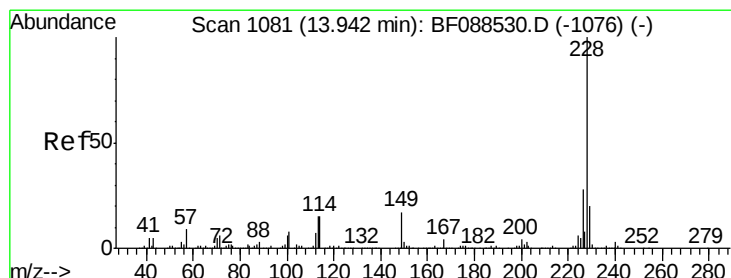
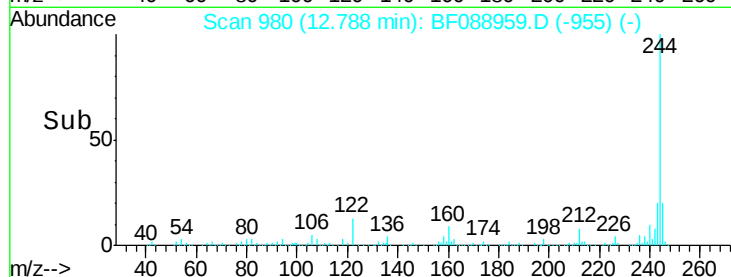
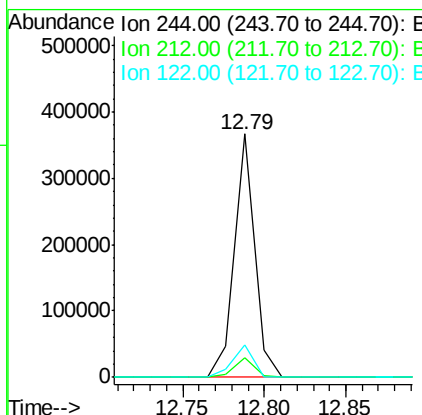
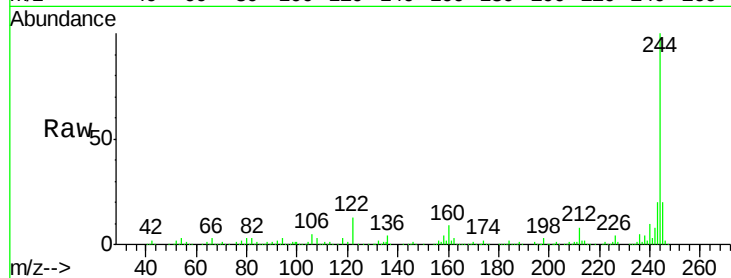
#78
 Terphenyl-d14
 Concen: 56.66 ng
 RT: 12.79 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF088959.D
 Acq: 13 Jul 2016 15:47

Instrument :
 BNA_F
 ClientSampleId :
 2-A-LOCATION-2-0-5FT

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	13.5	11.2	16.8

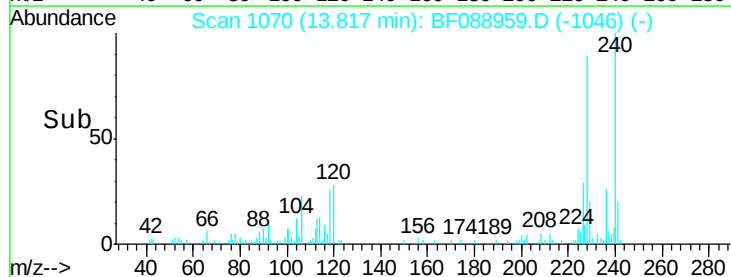
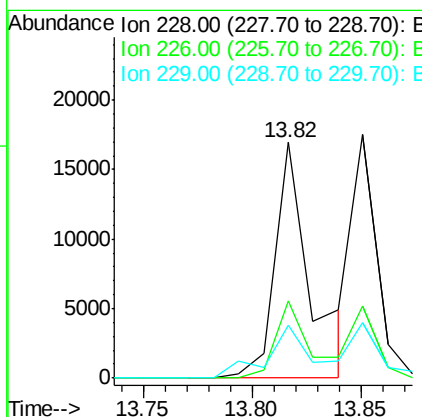
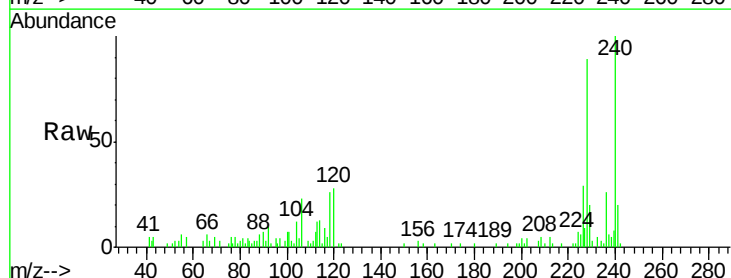
Manual Integrations

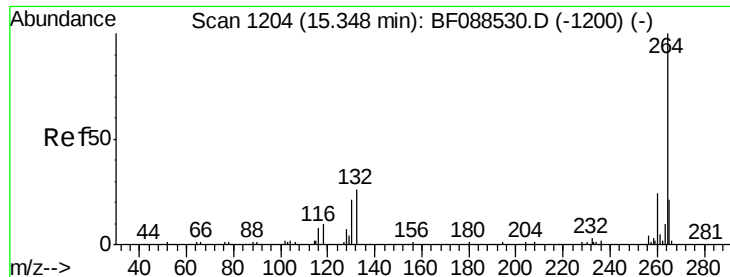
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 Sohil
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#80
 Benzo(a)anthracene
 Concen: 2.42 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.02 min
 Lab File: BF088959.D
 Acq: 13 Jul 2016 15:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.3	33.5
229	22.3	16.0	24.0





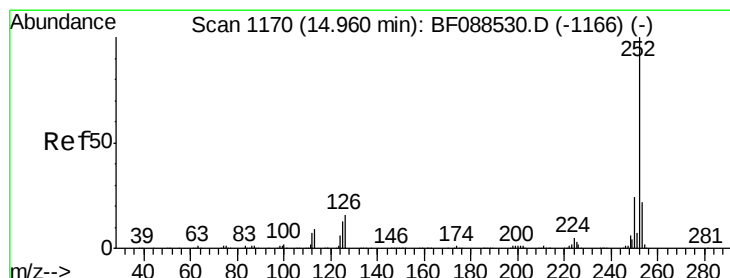
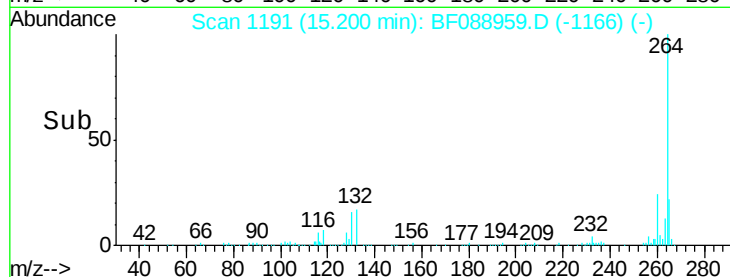
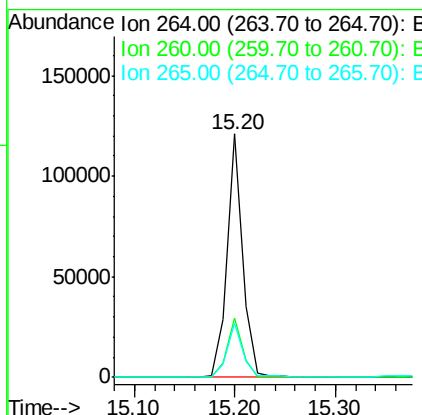
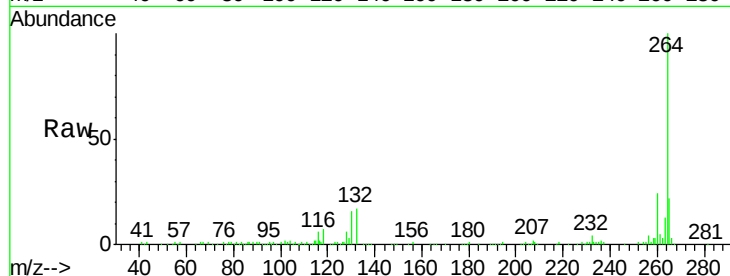
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Instrument :
BNA_F
ClientSampleId :
2-A-LOCATION-2-0-5FT

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.0	16.9	25.3

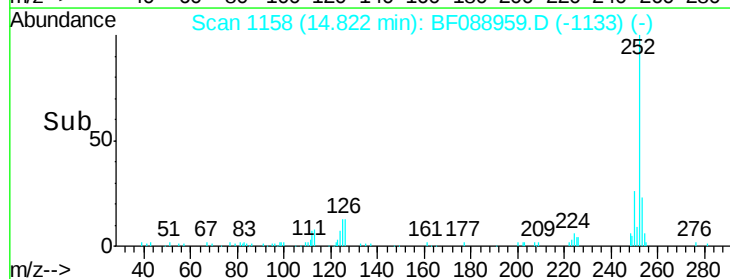
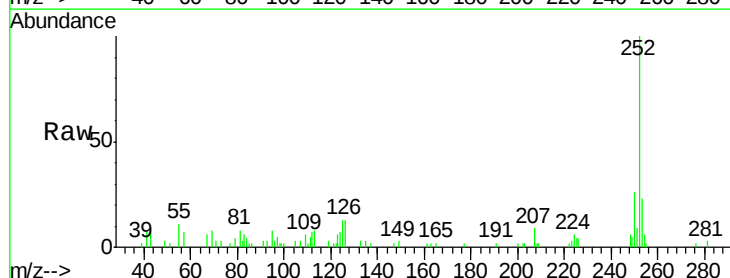
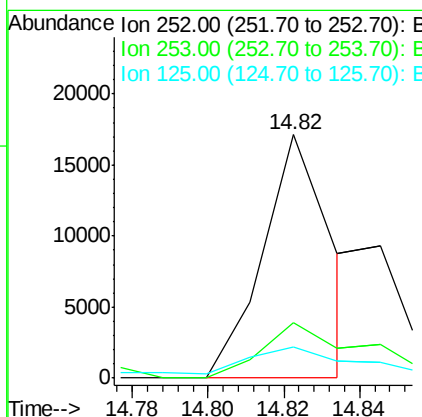
Manual Integrations

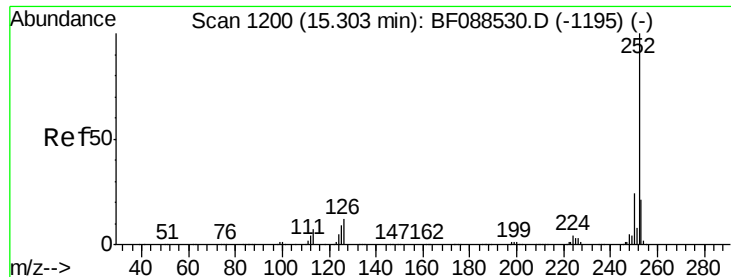
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#87
Benzo(b)fluoranthene
Concen: 2.61 ng m
RT: 14.82 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF088959.D
Acq: 13 Jul 2016 15:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	12.6	7.1	10.7#





#89
 Benzo(a)pyrene
 Concen: 2.35 ng
 RT: 15.14 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF088959.D
 Acq: 13 Jul 2016 15:47

Instrument :
 BNA_F
 ClientSampleId :
 2-A-LOCATION-2-0-5FT

Tgt Ion:	252	Resp:	16289
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.9	26.9
125	13.9	12.5	18.7

Manual Integrations

APPROVED
 Sohil
 7/14/2016 4:19:41 AM

