

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051616\
 Data File : BF087094.D
 Acq On : 16 May 2016 21:20
 Operator : UM/SJ
 Sample : H3038-05RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PITT-2-N-EASTRE

Manual Integrations
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Quant Time: May 17 13:34:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:12:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	149665	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	571258	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	229873	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	356087	20.00	ng	0.00
75) Chrysene-d12	13.76	240	288303	20.00	ng	0.00
86) Perylene-d12	15.12	264	221935	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1356364	153.48	ng	0.01
7) Phenol-d6	6.28	99	1554176	131.59	ng	0.00
23) Nitrobenzene-d5	7.19	82	1219280	107.17	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	277097	113.86	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1561306	114.15	ng	0.00
78) Terphenyl-d14	12.71	244	1172506	86.29	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.37	163	205986	11.75	ng	99
70) Phenanthrene	11.14	178	108294	5.70	ng	99
74) Fluoranthene	12.34	202	345500	17.68	ng	98
77) Pyrene	12.56	202	295452	13.39	ng	98
79) Butylbenzylphthalate	13.19	149	167687	17.96	ng	# 80
80) Benzo(a)anthracene	13.75	228	116812	7.22	ng	97
82) Chrysene	13.78	228	140149	8.51	ng	97
83) Bis(2-ethylhexyl)phthalate	13.75	149	230228	20.50	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.38	276	44988m	3.28	ng	
87) Benzo(b)fluoranthene	14.75	252	145530m	10.09	ng	
88) Benzo(k)fluoranthene	14.77	252	43982m	3.72	ng	
89) Benzo(a)pyrene	15.06	252	62682	5.04	ng	# 65
91) Benzo(a,h,i)perylene	16.74	276	45254	4.25	ng	97

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

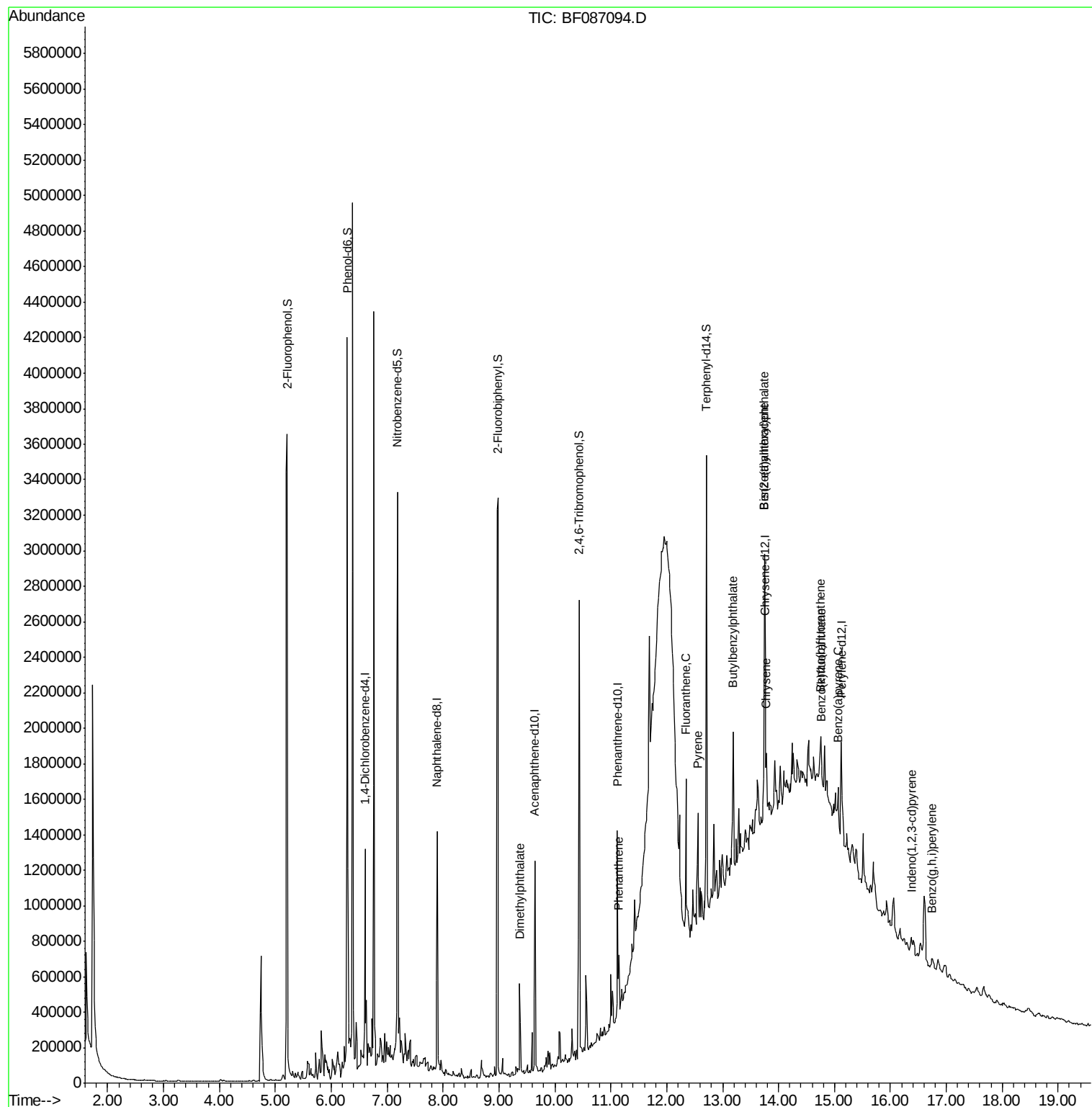
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051616\
Data File : BF087094.D
Acq On : 16 May 2016 21:20
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Sample : H3038-05RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

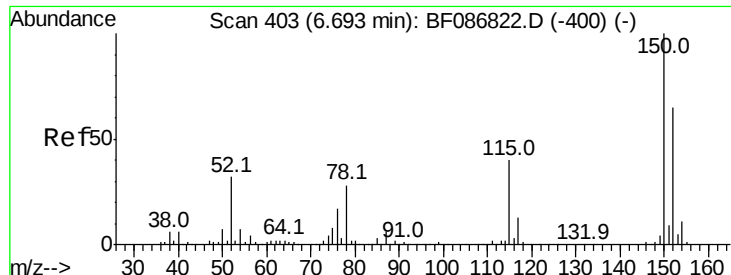
Instrument :
BNA_F
ClientSampleId :
PITT-2-N-EASTRE

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Quant Time: May 17 13:34:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

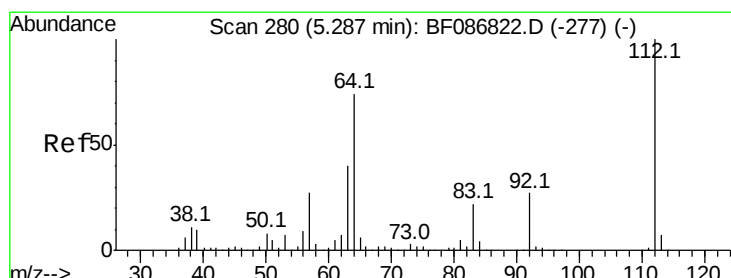
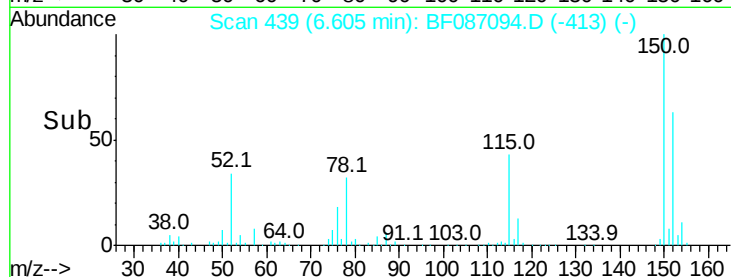
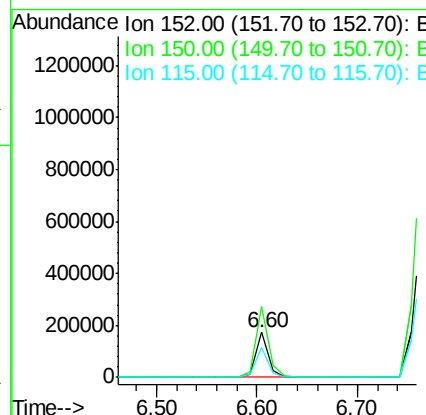
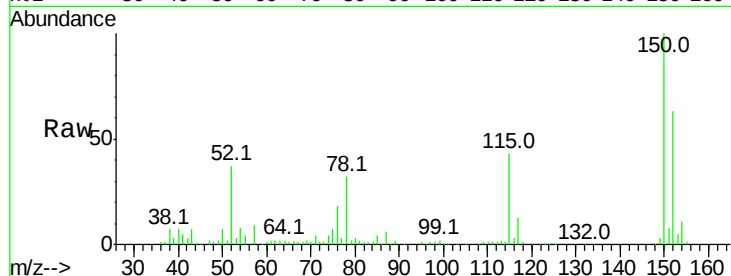
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF087094.D
Acq: 16 May 2016 21:20

Instrument :
BNA_F
ClientSampleId :
PITT-2-N-EASTRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.8	188.6
115	68.2	51.5	77.3

Manual Integrations
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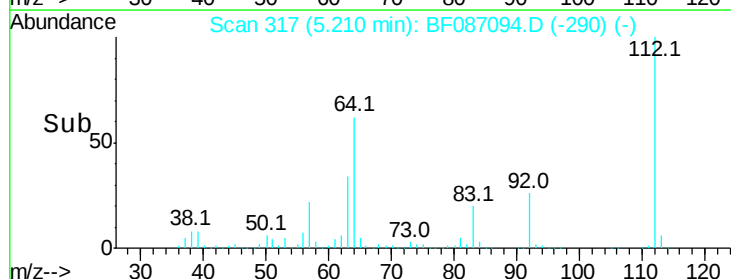
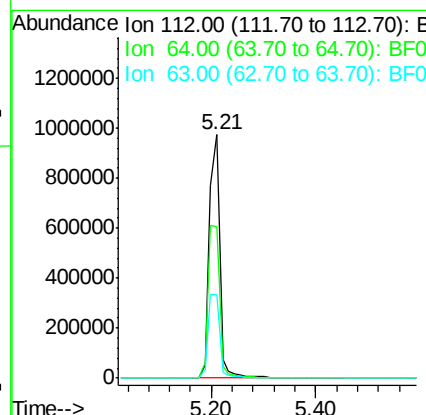
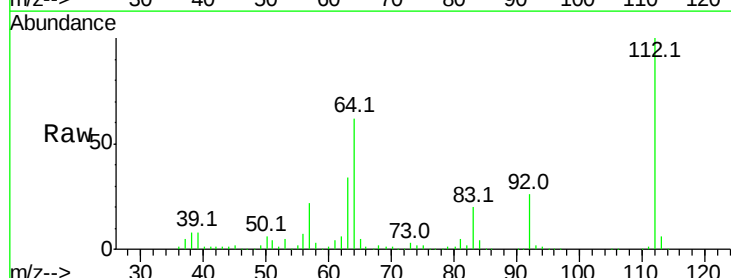
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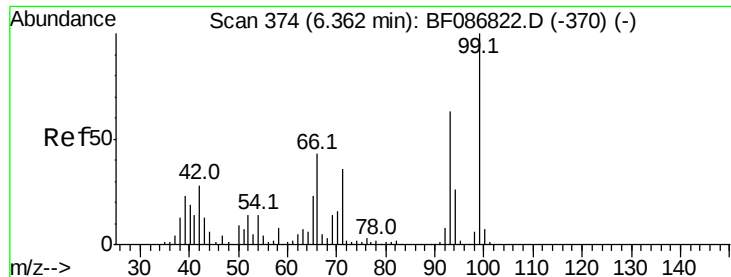


#5

2-Fluorophenol
Concen: 153.48 ng
RT: 5.21 min Scan# 317
Delta R.T. 0.01 min
Lab File: BF087094.D
Acq: 16 May 2016 21:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	52.1	78.1
63	34.1	25.7	38.5





#7

Phenol-d6

Concen: 131.59 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087094.D

Acq: 16 May 2016 21:20

Instrument :

BNA_F

ClientSampleId :

PITT-2-N-EASTRE

Tot Ion: 99 Resp: 1554176

Ion Ratio Lower Upper

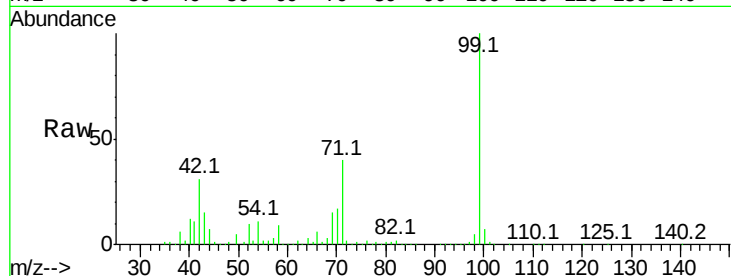
99 100

42 30.8 13.6 20.4#

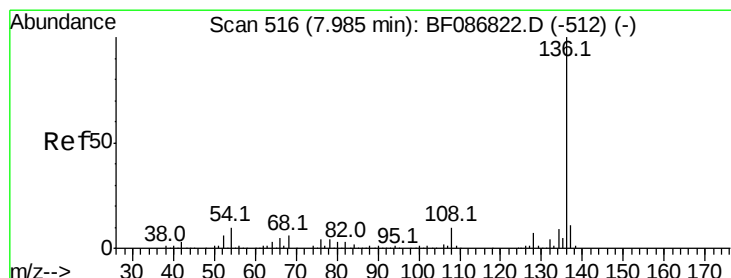
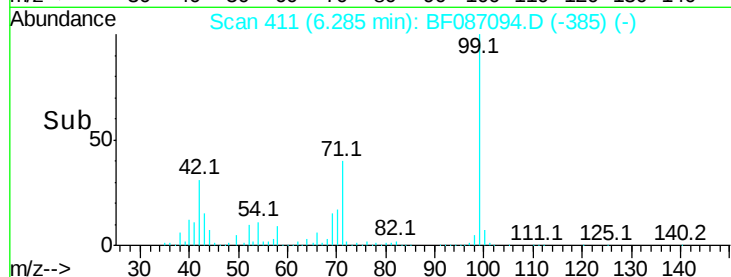
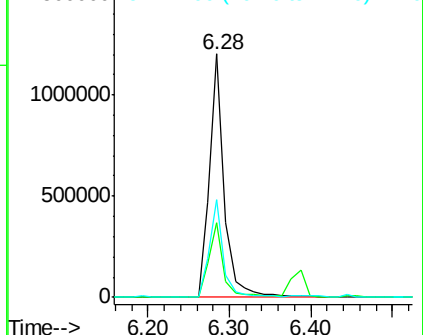
71 40.1 24.6 36.8#

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF087094.D

Acq: 16 May 2016 21:20

Tgt Ion: 136 Resp: 571258

Ion Ratio Lower Upper

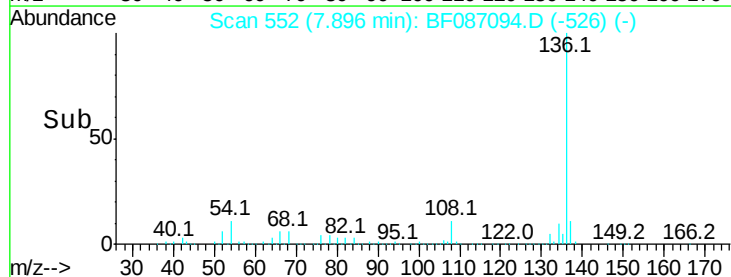
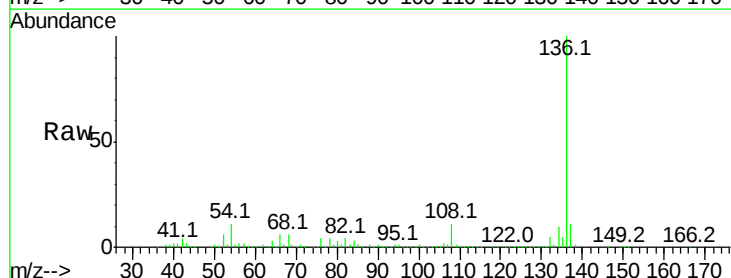
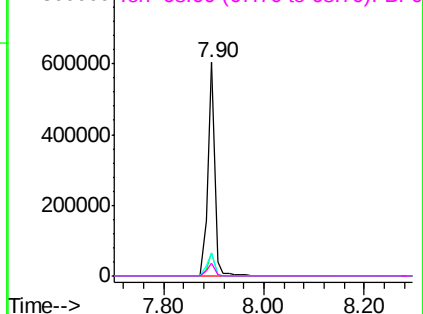
136 100

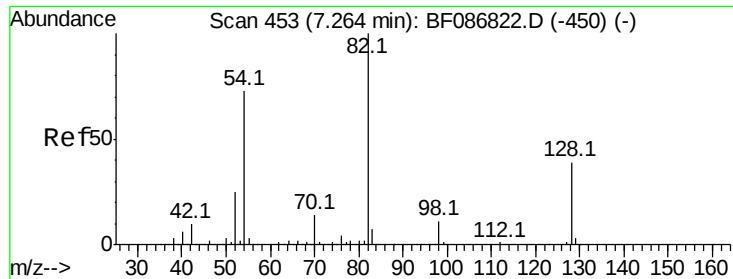
137 10.9 8.8 13.2

54 11.0 5.0 7.4#

68 6.0 4.4 6.6

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





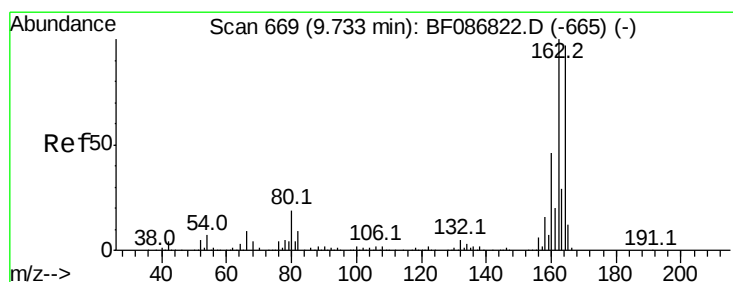
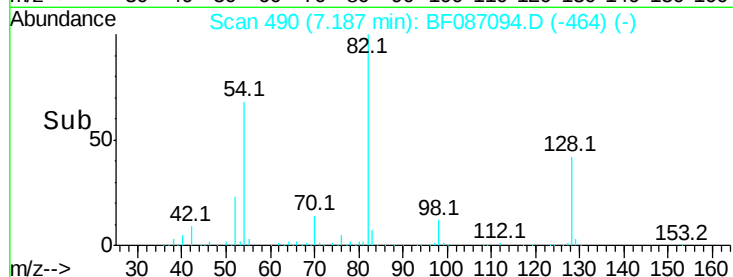
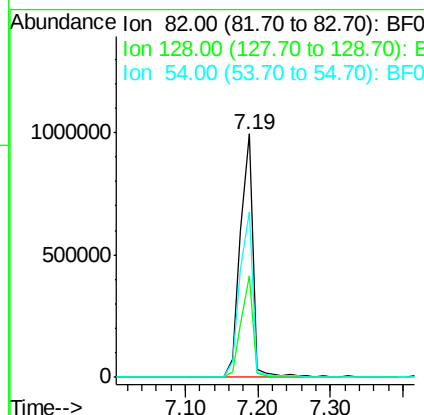
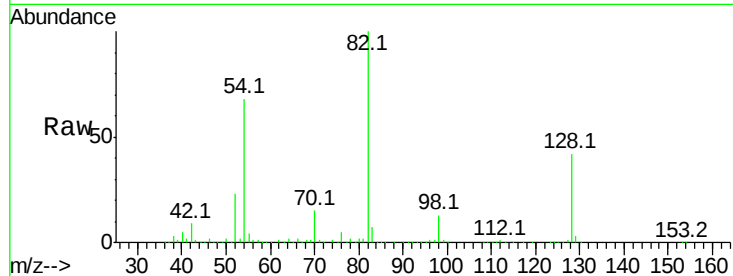
#23
Nitrobenzene-d5
Concen: 107.17 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF087094.D
Acq: 16 May 2016 21:20

Instrument :
BNA_F
ClientSampleId :
PITT-2-N-EASTRE

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	40.6	61.0
54	67.8	38.1	57.1#

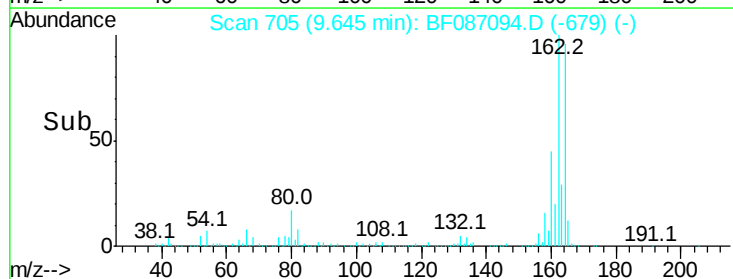
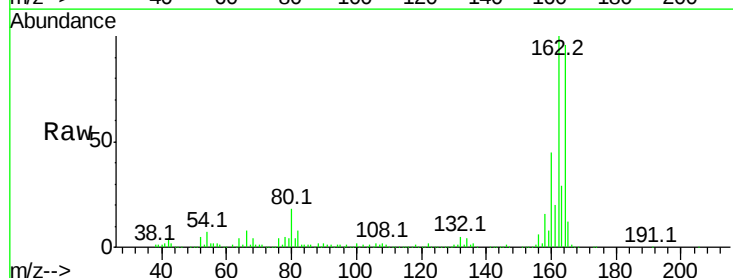
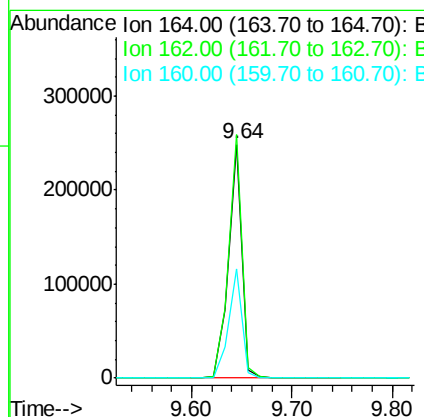
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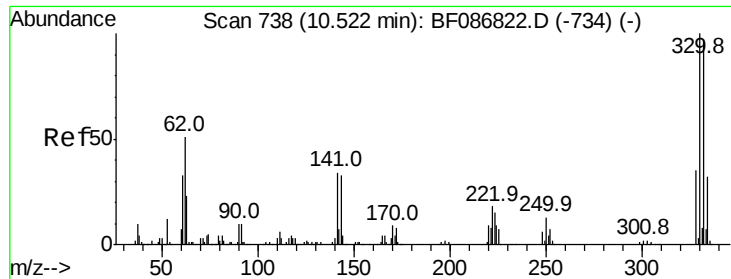
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF087094.D
Acq: 16 May 2016 21:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.8	124.2
160	46.9	36.9	55.3





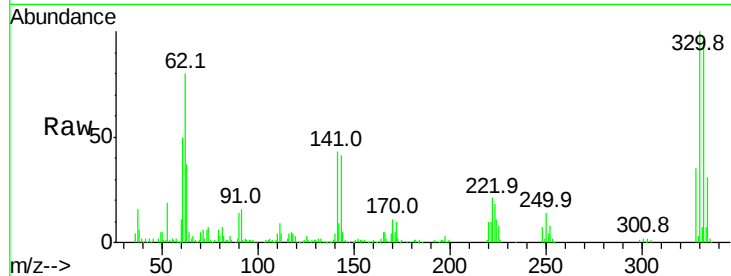
#41
 2,4,6-Tribromophenol
 Concen: 113.86 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF087094.D
 Acq: 16 May 2016 21:20

Instrument :
 BNA_F
 ClientSampleId :
 PITT-2-N-EASTRE

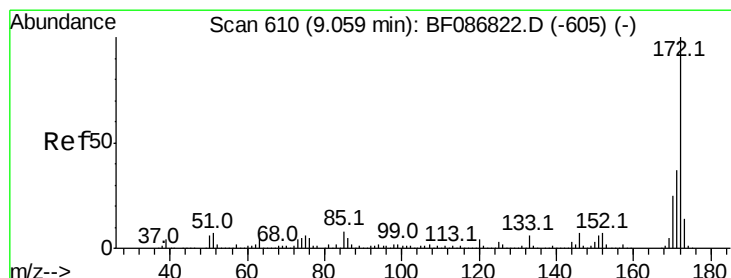
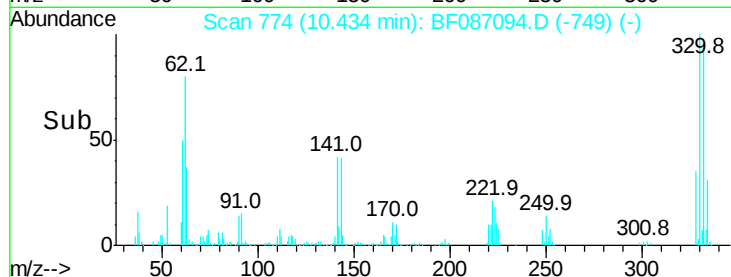
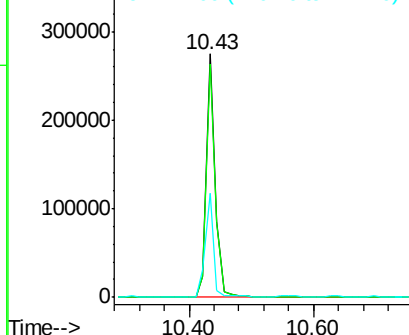
Tot Ion	Ratio	Resp	Lower	Upper
330	100	277097		
332	96.1	79.0	118.4	
141	39.8	31.2	46.8	

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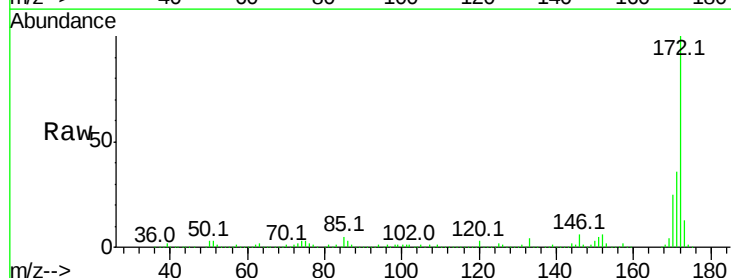


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

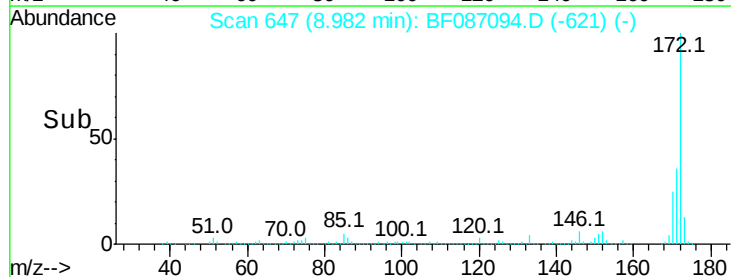
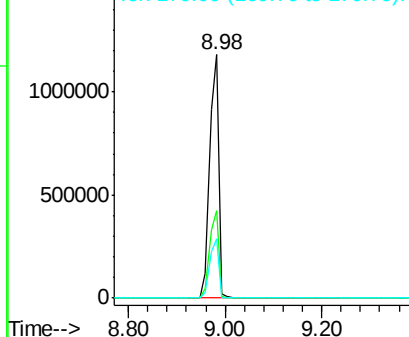


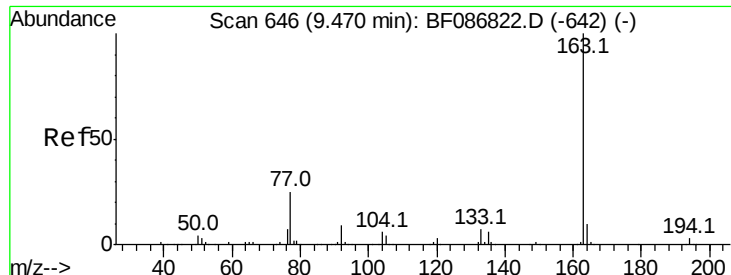
#44
 2-Fluorobiphenyl
 Concen: 114.15 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087094.D
 Acq: 16 May 2016 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1561306		
171	36.0	29.0	43.6	
170	24.5	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





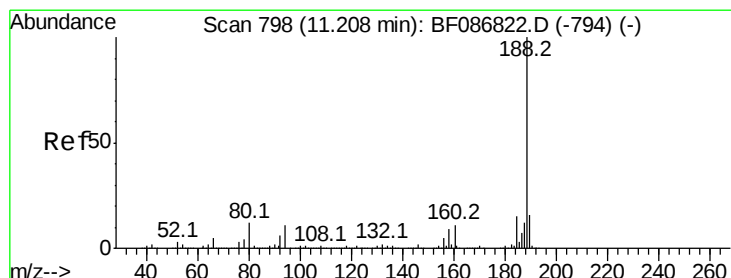
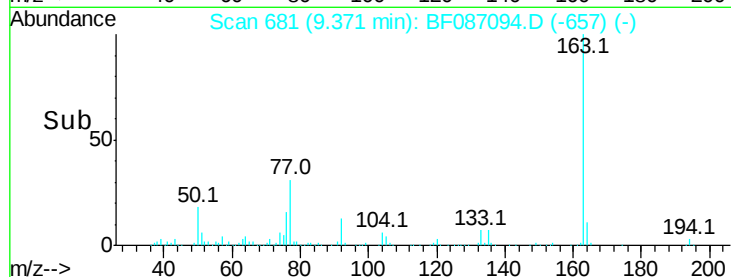
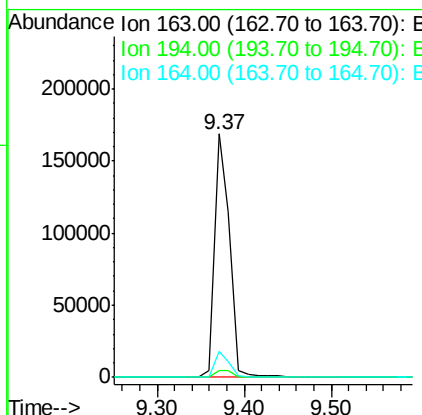
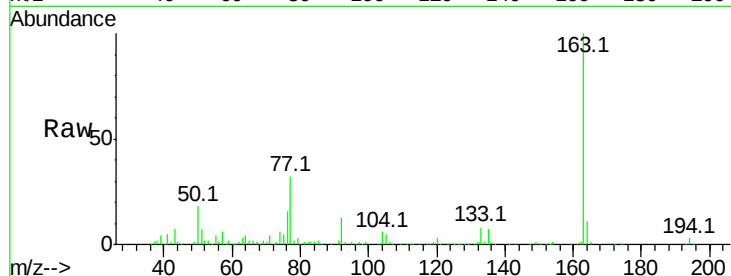
#49
Dimethylphthalate
Concen: 11.75 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF087094.D
Acq: 16 May 2016 21:20

Instrument :
BNA_F
ClientSampleId :
PITT-2-N-EASTRE

Tot Ion	Ratio	Resp	Lower	Upper
163	100	205986		
194	2.8		2.6	4.0
164	10.8		8.2	12.4

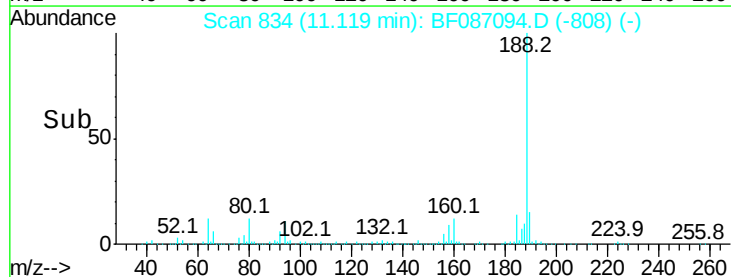
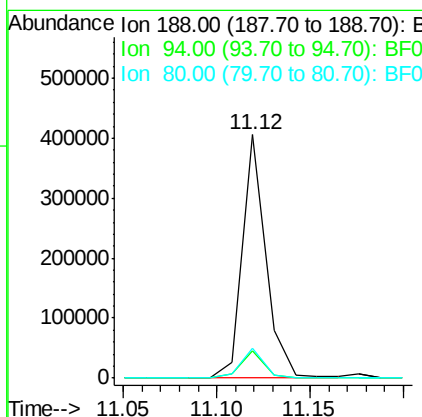
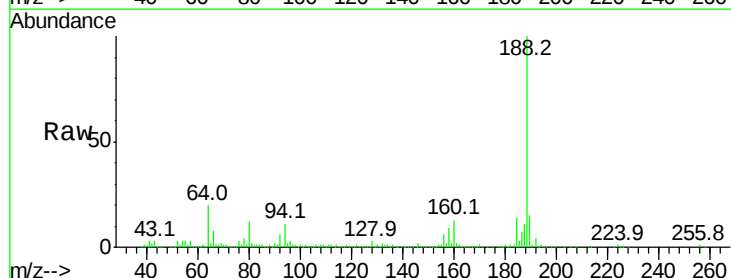
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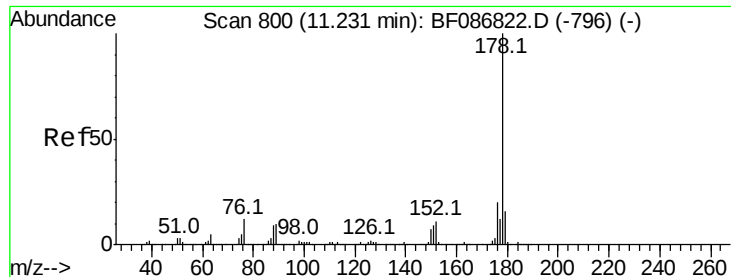
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF087094.D
Acq: 16 May 2016 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	356087		
94	11.3		6.8	10.2#
80	12.4		7.1	10.7#





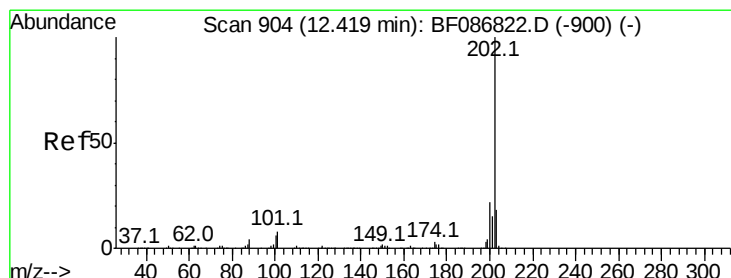
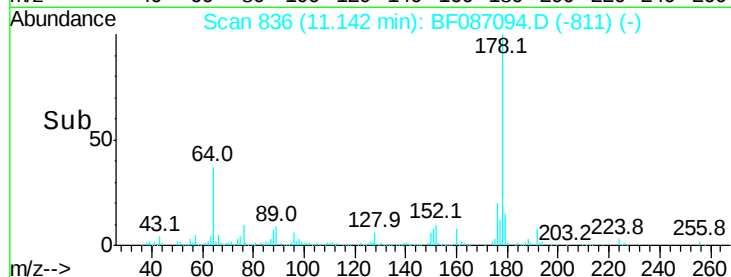
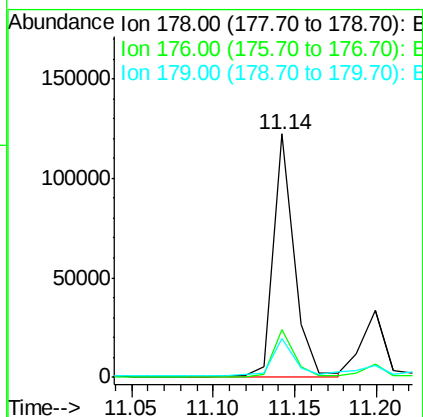
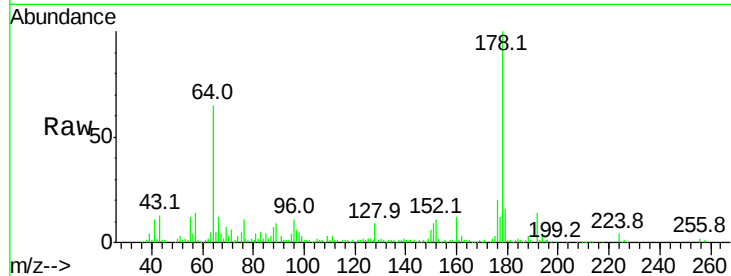
#70
Phenanthrene
Concen: 5.70 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF087094.D
Acq: 16 May 2016 21:20

Instrument :
BNA_F
ClientSampleId :
PITT-2-N-EASTRE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	16.1	12.6	18.8

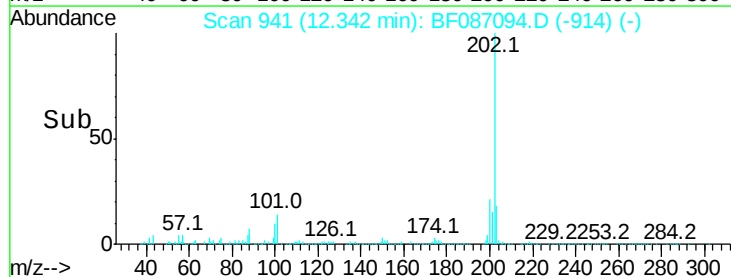
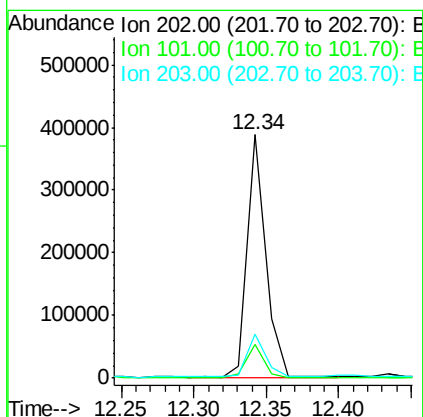
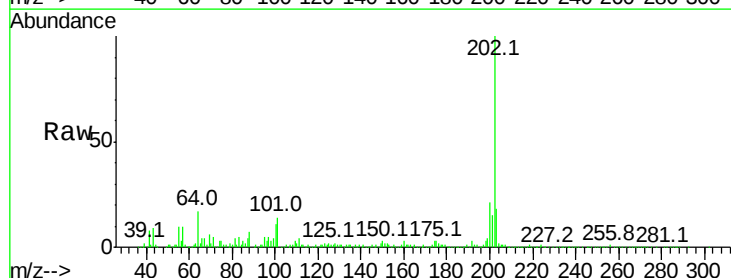
Manual Integrations
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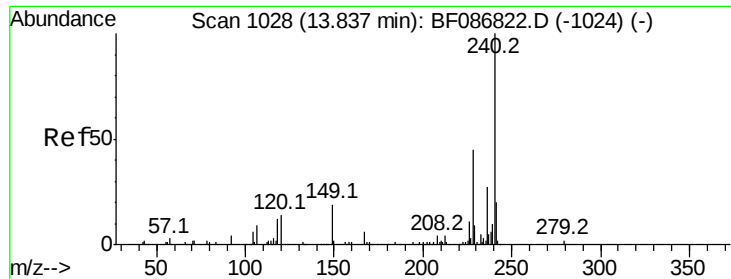
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#74
Fluoranthene
Concen: 17.68 ng
RT: 12.34 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF087094.D
Acq: 16 May 2016 21:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	35.4
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF087094.D

Acq: 16 May 2016 21:20

Instrument :

BNA_F

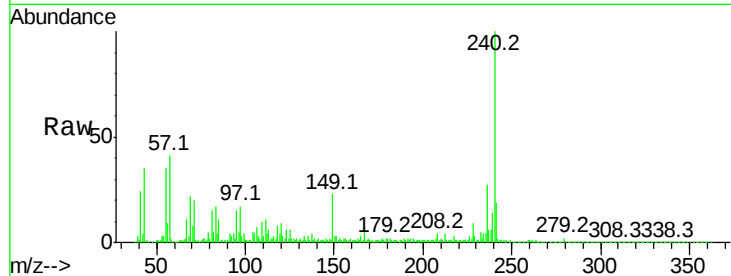
ClientSampleId :

PITT-2-N-EASTRE

Tot Ion:	240	Resp:	288303
Ion Ratio	Lower	Upper	
240	100		
120	9.1	11.2	16.8#
236	26.5	21.2	31.8

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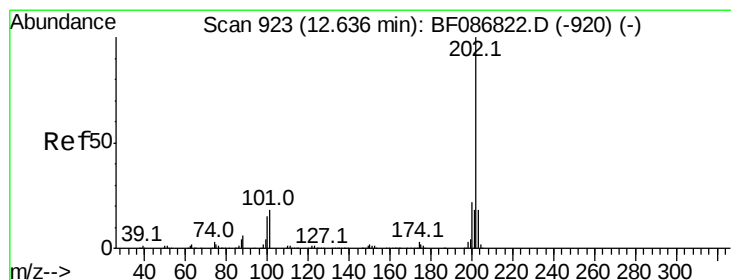
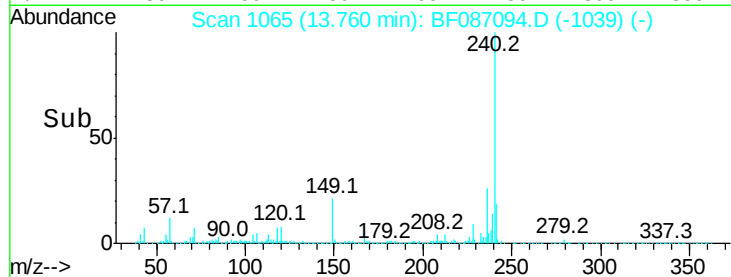
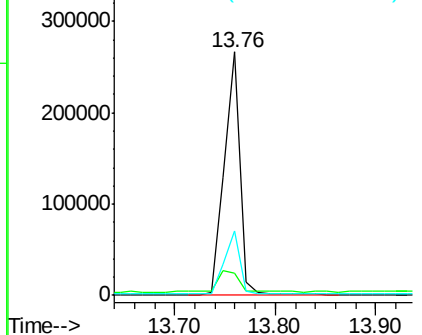
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 13.39 ng

RT: 12.56 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF087094.D

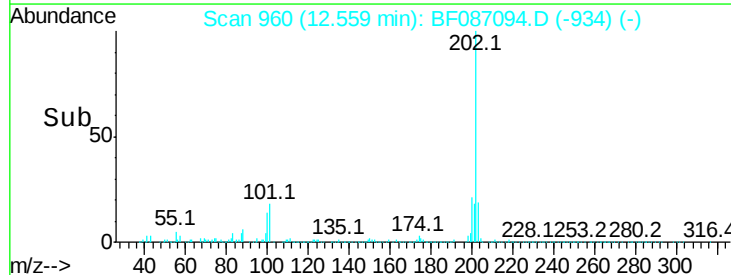
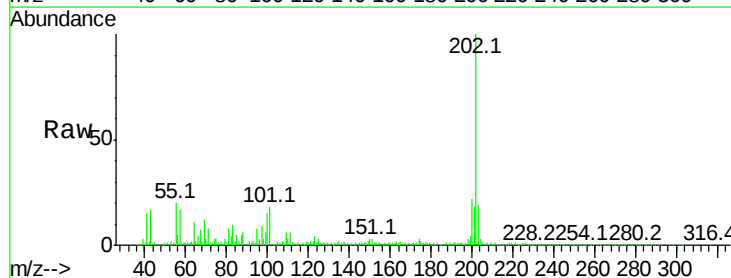
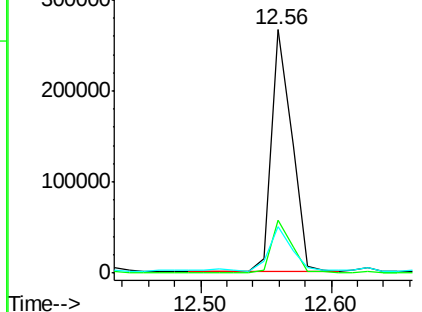
Acq: 16 May 2016 21:20

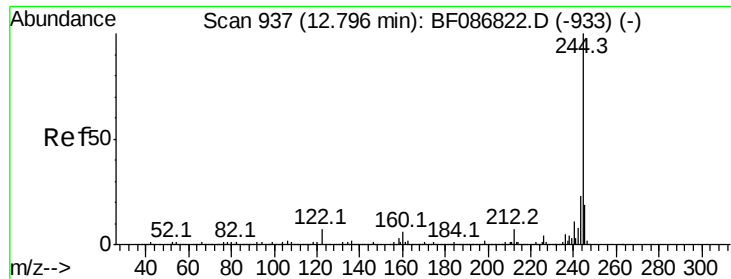
Tgt Ion:	202	Resp:	295452
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.7	26.5
203	19.0	14.2	21.4

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: 86.29 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF087094.D

Acq: 16 May 2016 21:20

Instrument :

BNA_F

ClientSampleId :

PITT-2-N-EASTRE

Tot Ion:244 Resp: 1172506

Ion Ratio Lower Upper

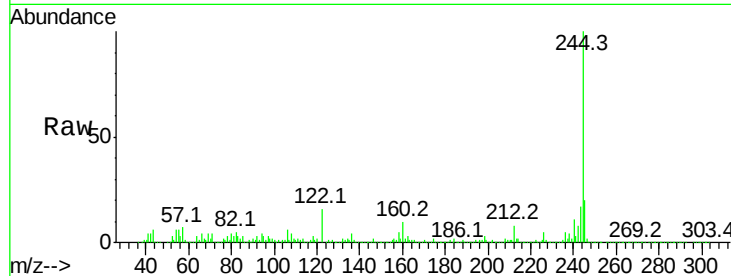
244 100

212 8.1 6.2 9.2

122 15.8 12.0 18.0

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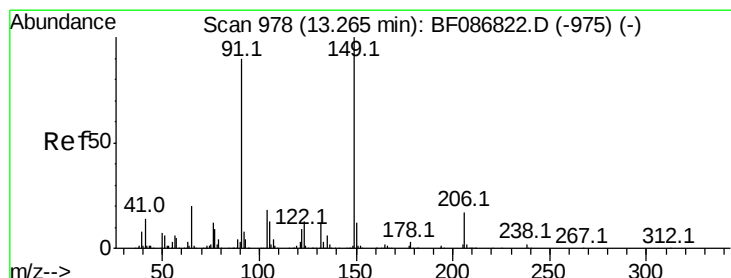
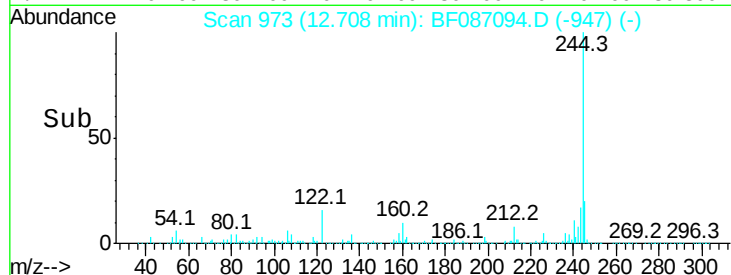
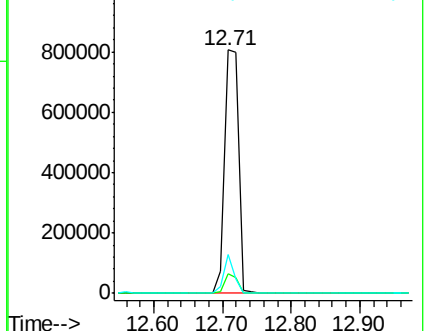
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 17.96 ng

RT: 13.19 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF087094.D

Acq: 16 May 2016 21:20

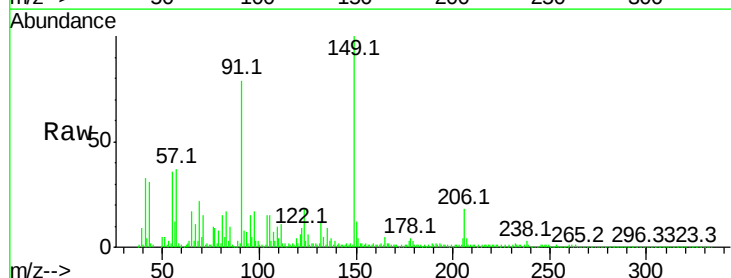
Tgt Ion:149 Resp: 167687

Ion Ratio Lower Upper

149 100

91 78.9 48.0 72.0#

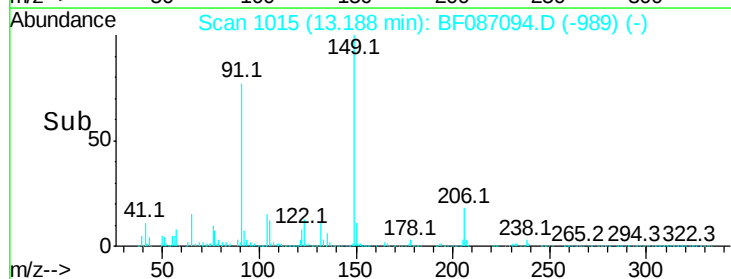
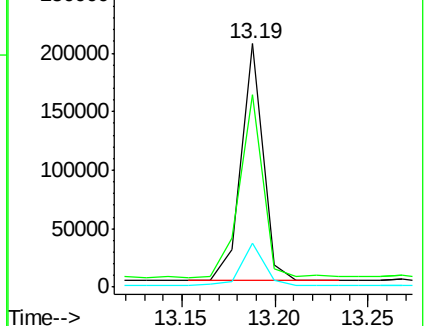
206 17.8 15.8 23.6

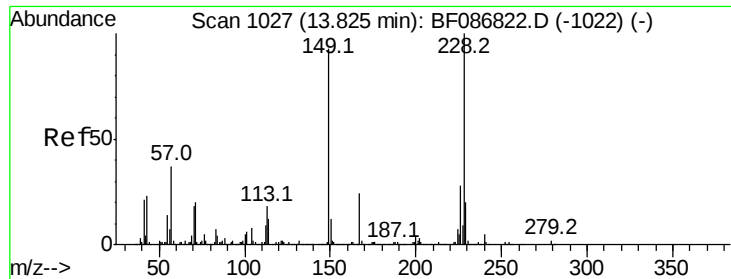


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





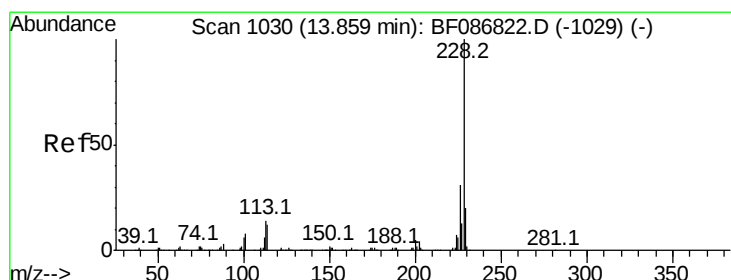
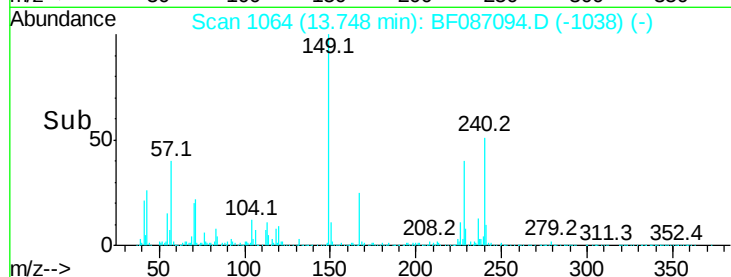
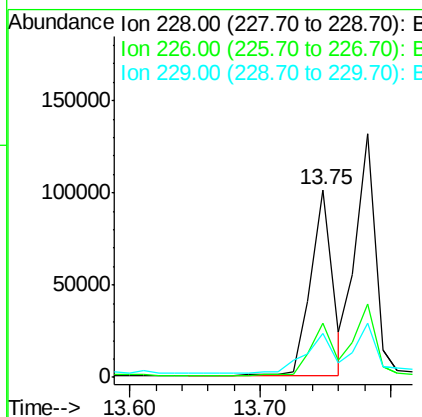
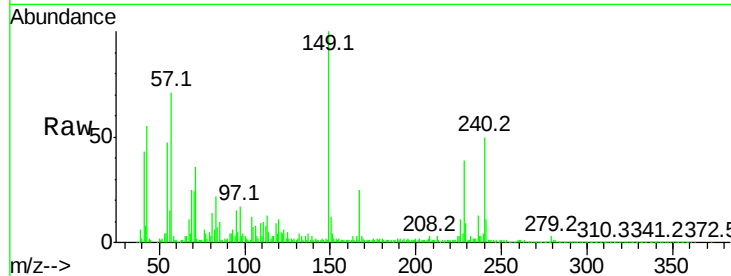
#80
Benzo(a)anthracene
Concen: 7.22 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF087094.D
Acq: 16 May 2016 21:20

Instrument :
BNA_F
ClientSampleId :
PITT-2-N-EASTRE

Tot Ion	Ratio	Resp	Lower	Upper
228	100	116812		
226	28.7	22.5	33.7	
229	23.1	16.6	25.0	

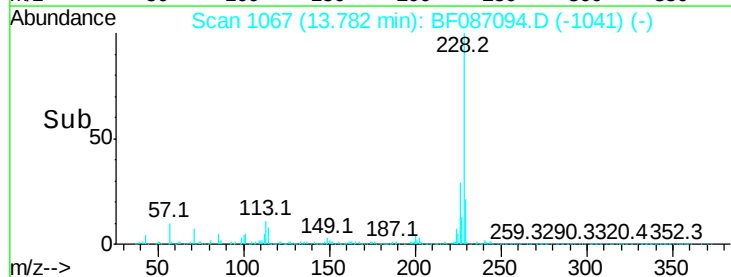
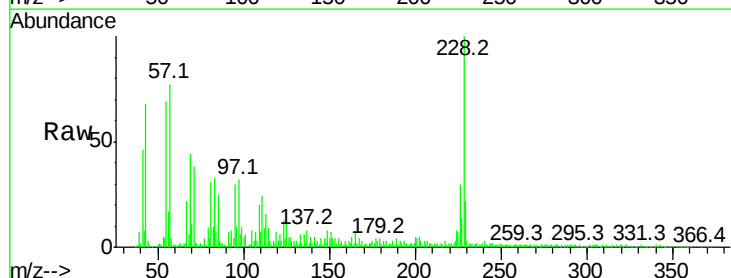
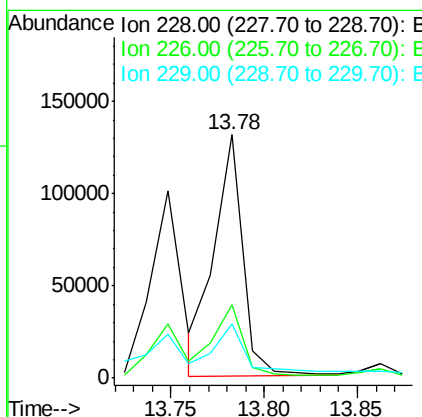
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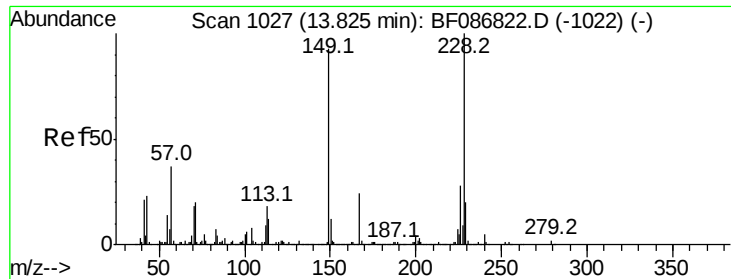
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#82
Chrysene
Concen: 8.51 ng
RT: 13.78 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BF087094.D
Acq: 16 May 2016 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	140149		
226	30.0	24.4	36.6	
229	22.4	15.8	23.8	





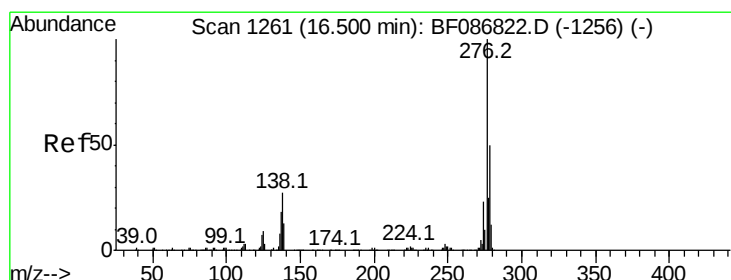
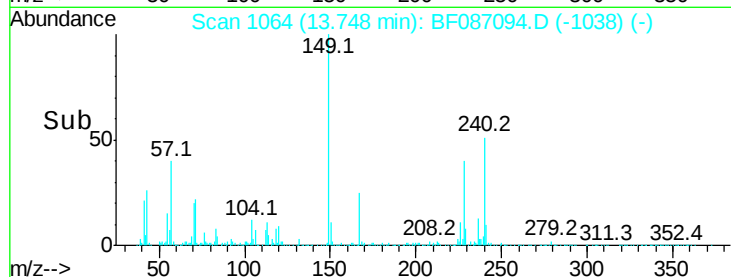
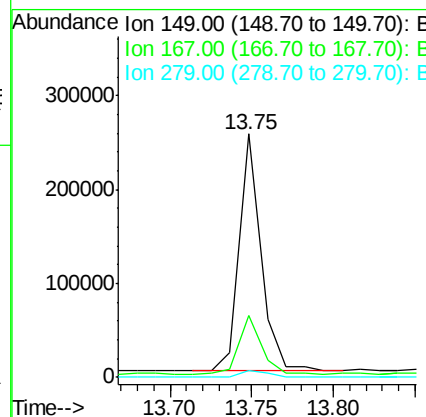
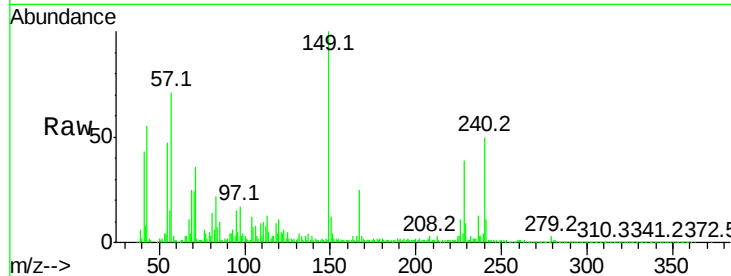
#83
Bis(2-ethylhexyl)phthalate
Concen: 20.50 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF087094.D
Acq: 16 May 2016 21:20

Instrument :
BNA_F
ClientSampleId :
PITT-2-N-EASTRE

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.4	21.8	32.6	
279	2.6	2.6	4.0#	

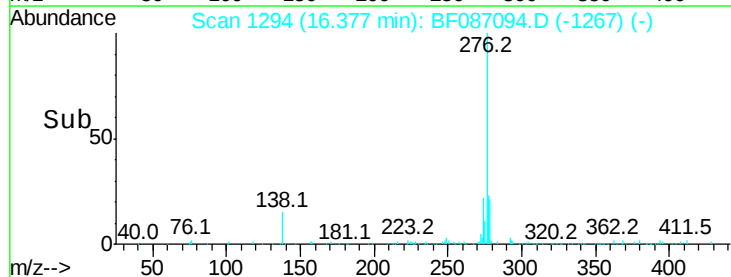
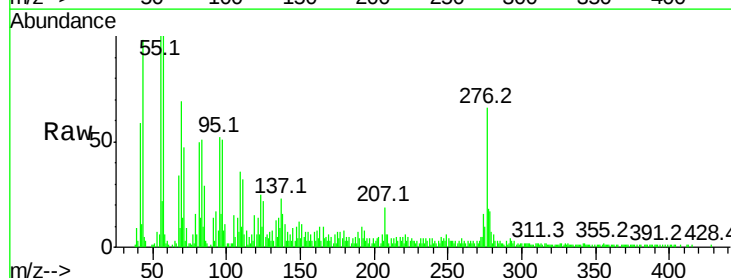
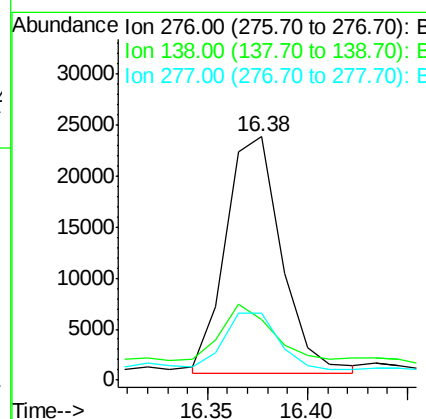
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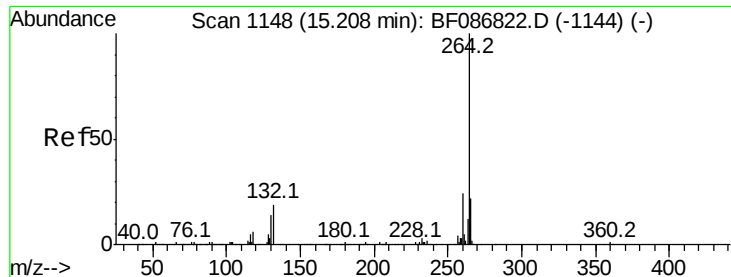
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.28 ng m
RT: 16.38 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF087094.D
Acq: 16 May 2016 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	7.2	25.6	38.4#	
277	5.5	20.5	30.7#	





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.12 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BF087094.D

Acq: 16 May 2016 21:20

Instrument :

BNA_F

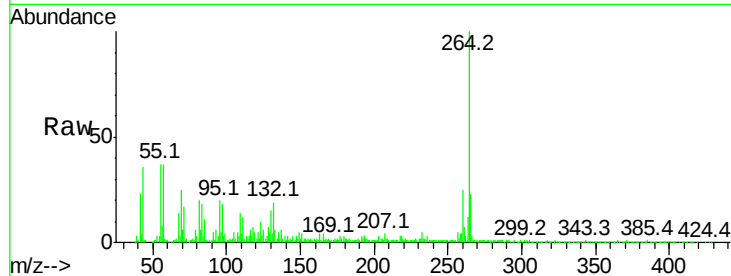
ClientSampleId :

PITT-2-N-EASTRE

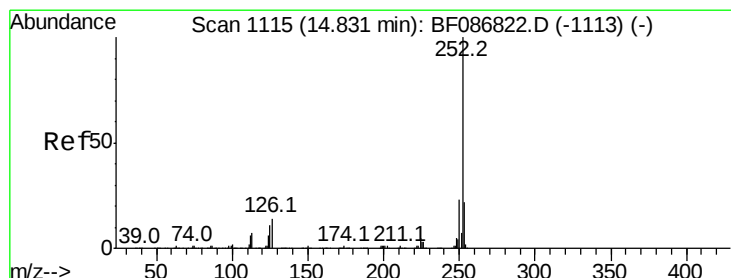
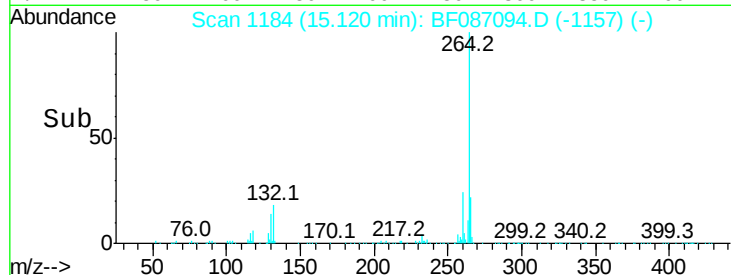
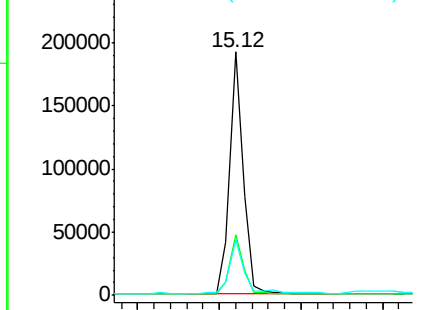
Tot Ion:	264	Resp:	221935
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.5	29.3
265	22.7	17.3	25.9

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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: 10.09 ng m

RT: 14.75 min Scan# 1152

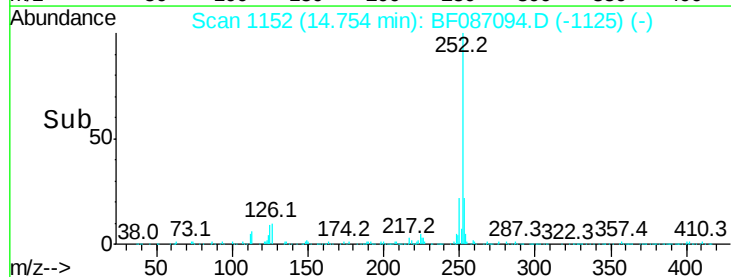
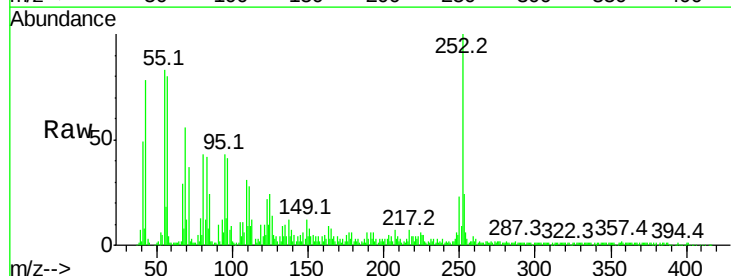
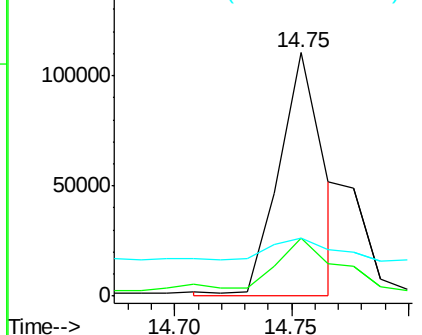
Delta R.T. 0.01 min

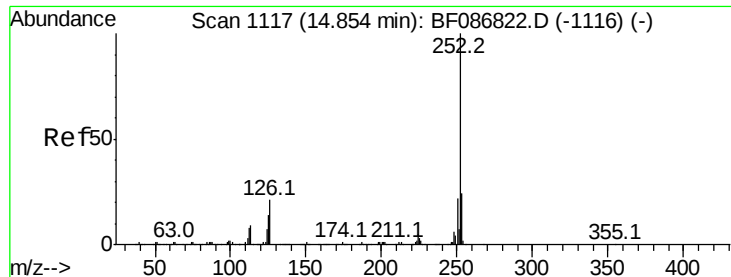
Lab File: BF087094.D

Acq: 16 May 2016 21:20

Tgt Ion:	252	Resp:	145530
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.8	26.6
125	24.0	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





#88

Benzo(k)fluoranthene

Concen: 3.72 ng/mL

RT: 14.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF087094.D

Acq: 16 May 2016 21:20

Instrument :

BNA_F

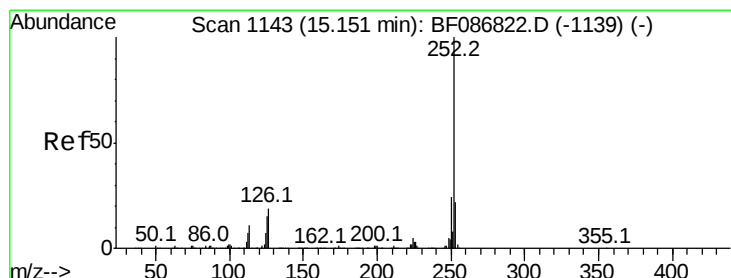
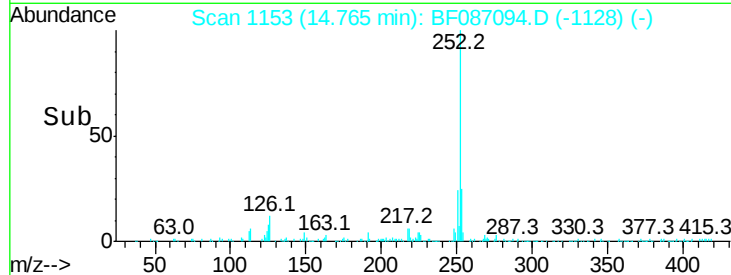
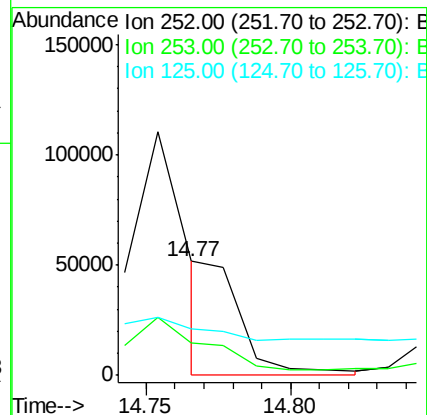
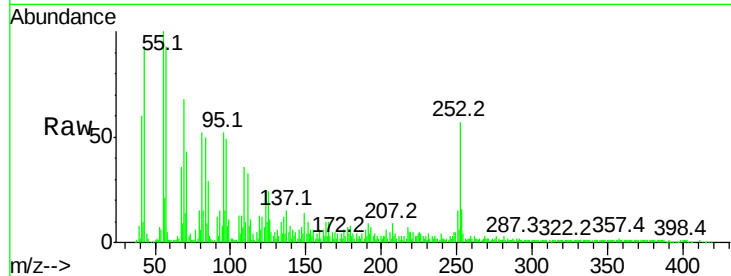
ClientSampleId :

PITT-2-N-EASTRE

Tot Ion:	252	Resp:	43982
Ion Ratio	Lower	Upper	
252	100		
253	28.4	17.8	26.6#
125	41.4	9.1	13.7#

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#89

Benzo(a)pyrene

Concen: 5.04 ng/mL

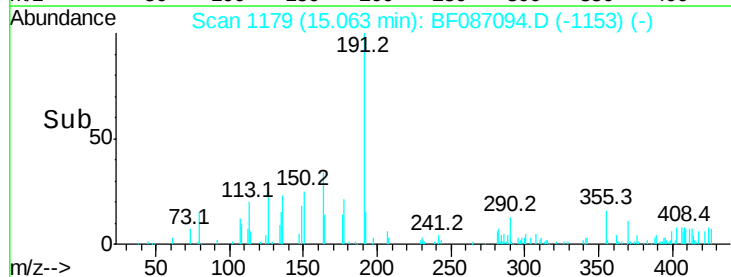
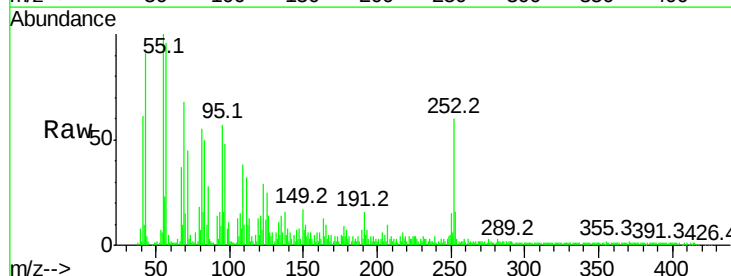
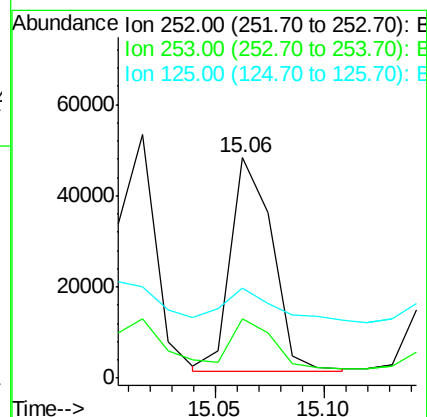
RT: 15.06 min Scan# 1179

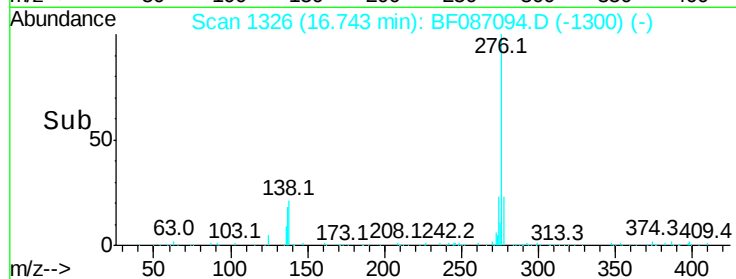
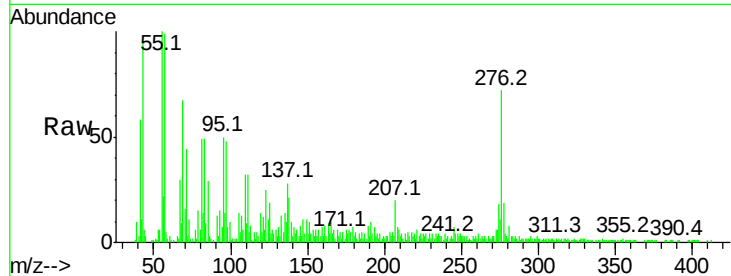
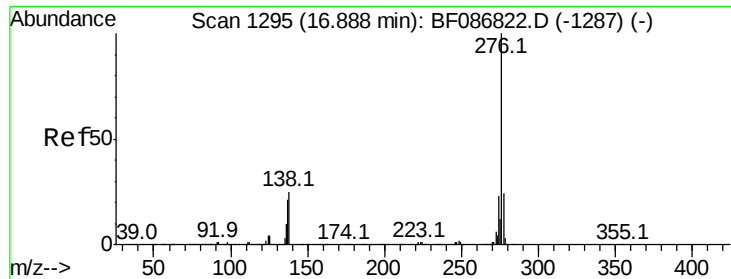
Delta R.T. 0.00 min

Lab File: BF087094.D

Acq: 16 May 2016 21:20

Tgt Ion:	252	Resp:	62682
Ion Ratio	Lower	Upper	
252	100		
253	27.0	17.2	25.8#
125	41.1	9.0	13.6#





#91

Benzo(a,h,i)perylene

Concen: 4.25 ng

RT: 16.74 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF087094.D

Acq: 16 May 2016 21:20

Instrument :

BNA_F

ClientSampleId :

PITT-2-N-EASTRE

Tot Ion:	276	Resp:	45254
Ion Ratio	Lower	Upper	
276	100		
277	26.9	19.6	29.4
138	28.9	23.6	35.4

Manual Integrations
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