

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
 Data File : BF081370.D
 Acq On : 3 Sep 2015 2:25
 Operator : UM/IZ
 Sample : G3490-01 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 28TP22(4.5-5)

Manual Integrations
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 9/3/2015 1:45:27 PM

Quant Time: Sep 03 03:41:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	56139	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	224051	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	98764	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	176412	20.00	ng	0.00
75) Chrysene-d12	13.50	240	113867	20.00	ng	0.00
86) Perylene-d12	14.81	264	85709	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	91901	25.40	ng	0.01
7) Phenol-d6	6.06	99	133310	27.83	ng	0.00
23) Nitrobenzene-d5	6.96	82	79893	17.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.19	330	18602	21.15	ng	-0.01
44) 2-Fluorobiphenyl	8.75	172	113785	14.76	ng	-0.01
78) Terphenyl-d14	12.47	244	84455	17.27	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.16	163	17336	2.26	ng	# 96
70) Phenanthrene	10.90	178	44641	4.55	ng	97
74) Fluoranthene	12.08	202	136357	12.84	ng	88
77) Pyrene	12.31	202	122972	14.58	ng	99
79) Butylbenzylphthalate	12.96	149	19110	5.21	ng	# 81
80) Benzo(a)anthracene	13.49	228	40556	5.59	ng	# 92
82) Chrysene	13.52	228	24584m	3.78	ng	
83) Bis(2-ethylhexyl)phthalate	13.52	149	111671	23.07	ng	# 90
87) Benzo(b)fluoranthene	14.48	252	23294m	3.81	ng	
89) Benzo(a)pyrene	14.75	252	16792	3.24	ng	# 75
91) Benzo(g,h,i)perylene	16.22	276	7755	2.03	ng	# 82

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

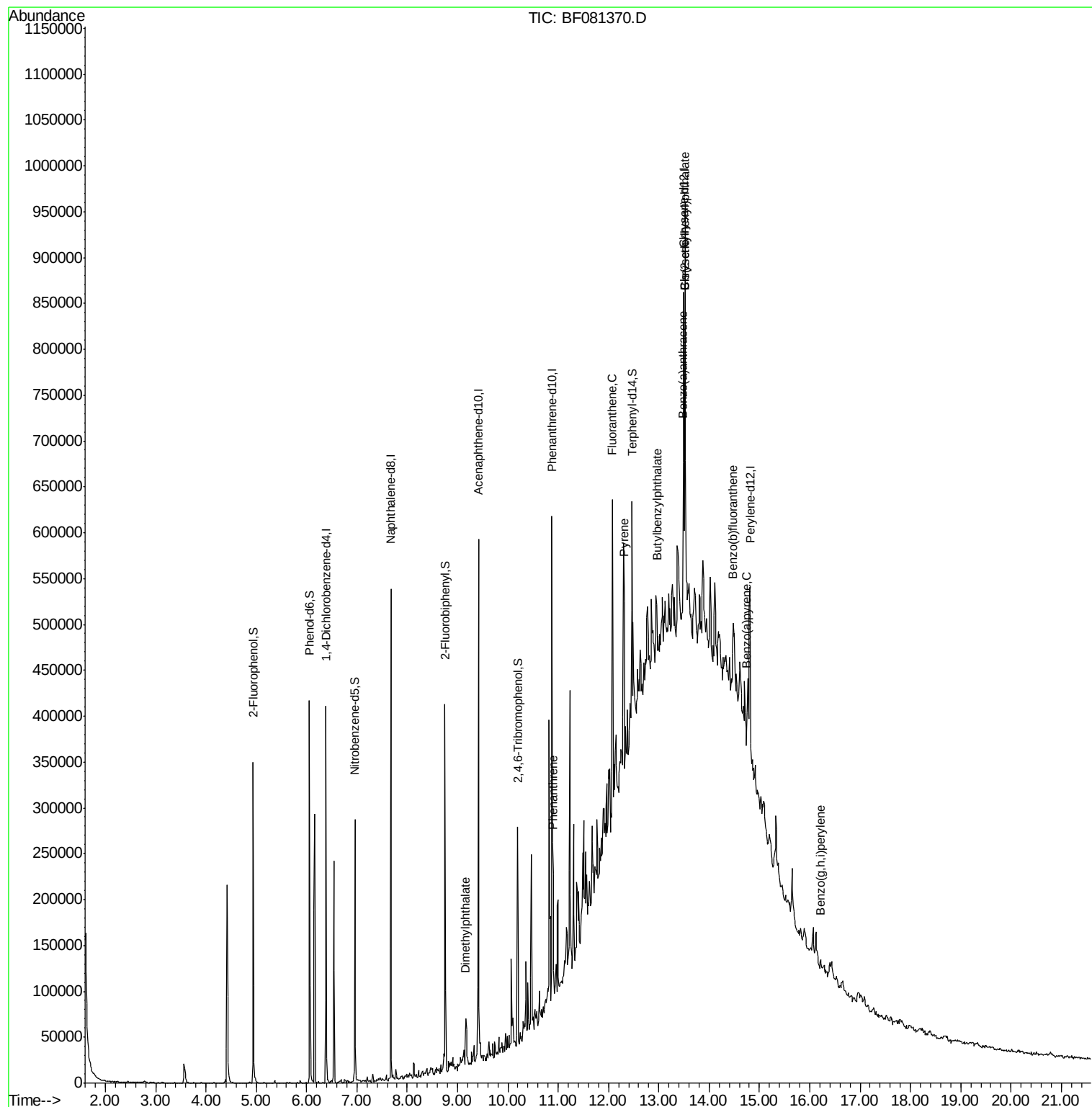
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081370.D
Acq On : 3 Sep 2015 2:25
Operator : UM/IZ
Sample : G3490-01 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

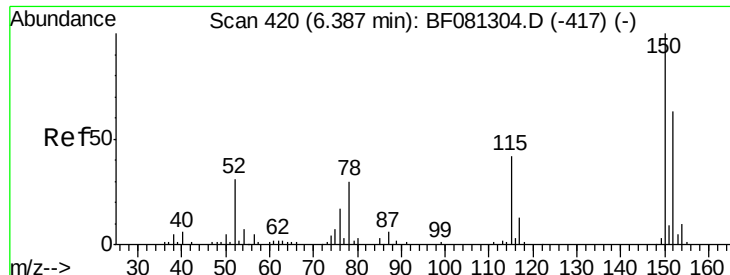
Instrument :
BNA_F
ClientSampleId :
28TP22(4.5-5)

Manual Integrations
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Quant Time: Sep 03 03:41:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081370.D

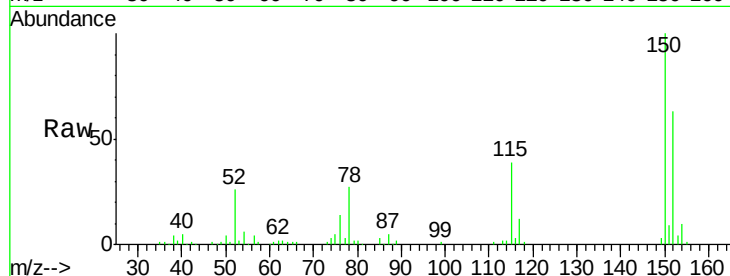
Acq: 3 Sep 2015 2:25

Instrument :

BNA_F

ClientSampleId :

28TP22(4.5-5)



Tgt Ion:152 Resp: 56139

Ion Ratio Lower Upper

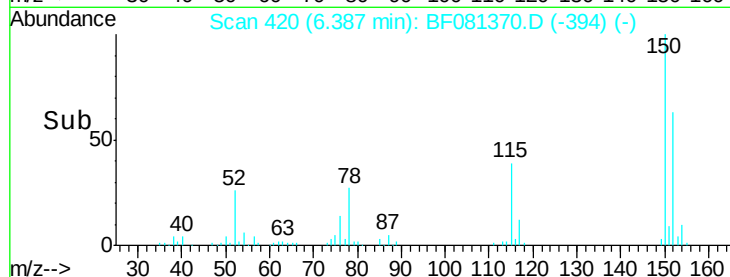
152 100

150 158.2 124.7 187.1

115 62.1 39.0 58.4#

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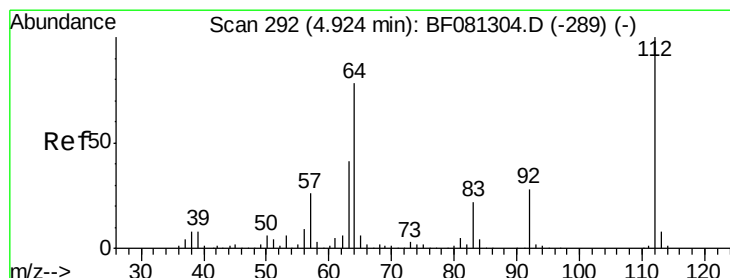
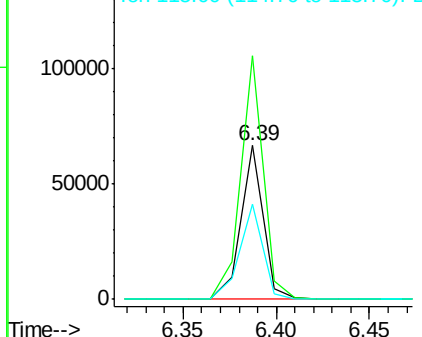
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 25.40 ng

RT: 4.94 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF081370.D

Acq: 3 Sep 2015 2:25

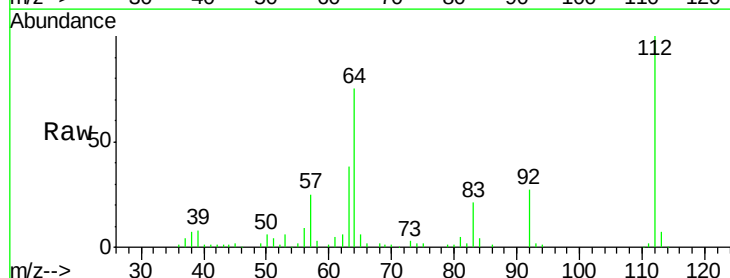
Tgt Ion:112 Resp: 91901

Ion Ratio Lower Upper

112 100

64 75.1 39.7 59.5#

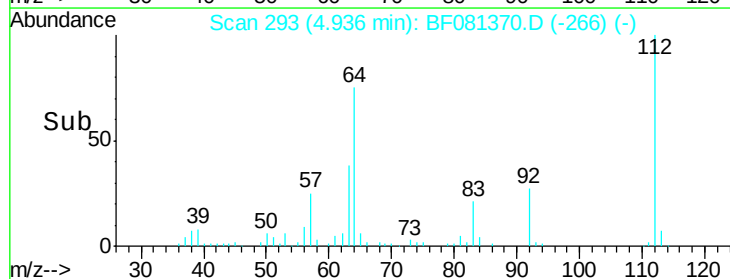
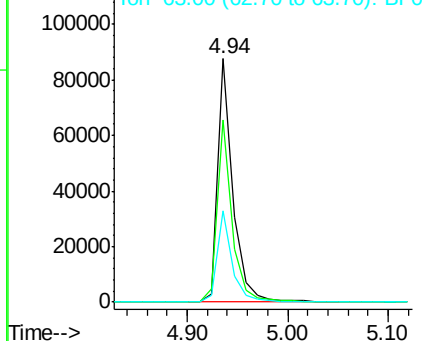
63 37.6 17.4 26.0#

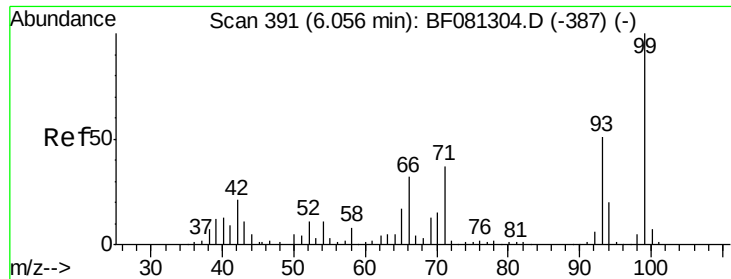


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.83 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081370.D

Acq: 3 Sep 2015 2:25

Instrument :

BNA_F

ClientSampleId :

28TP22(4.5-5)

Tgt Ion: 99 Resp: 133310
Ion Ratio Lower Upper

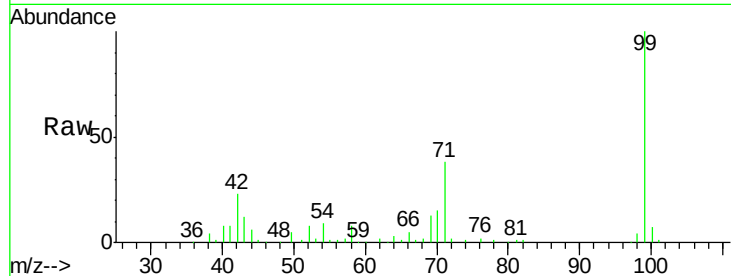
99 100

42 22.8 13.7 20.5#

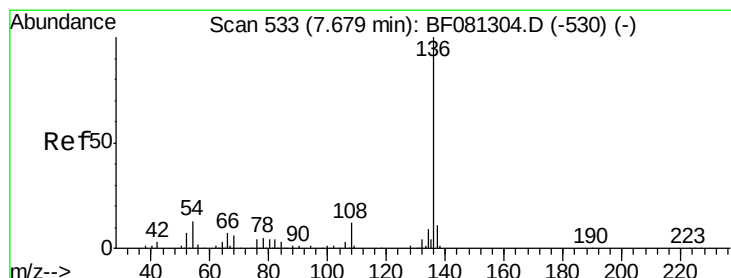
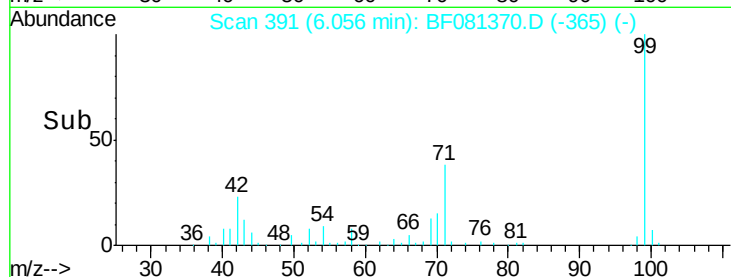
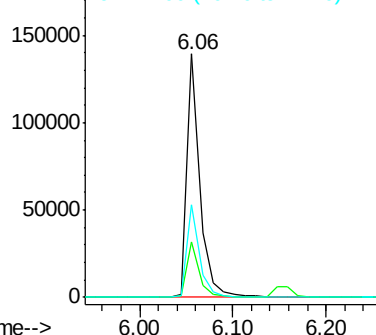
71 37.8 14.2 21.2#

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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: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081370.D

Acq: 3 Sep 2015 2:25

Tgt Ion: 136 Resp: 224051
Ion Ratio Lower Upper

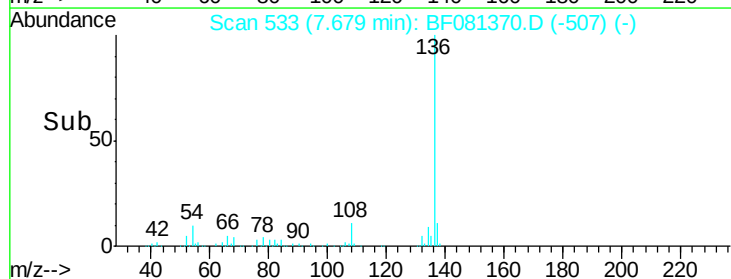
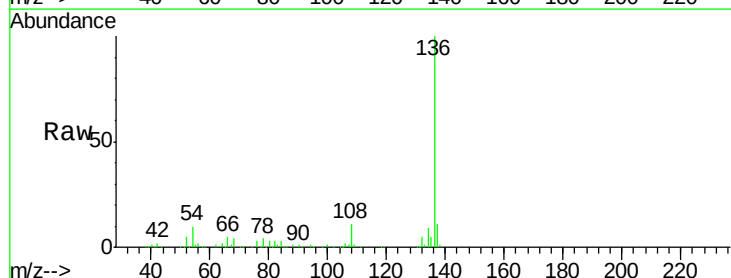
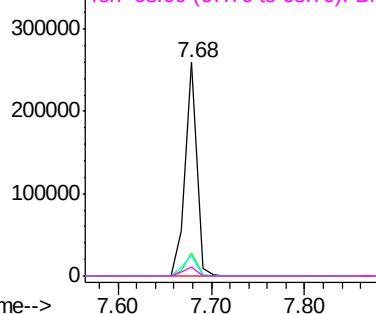
136 100

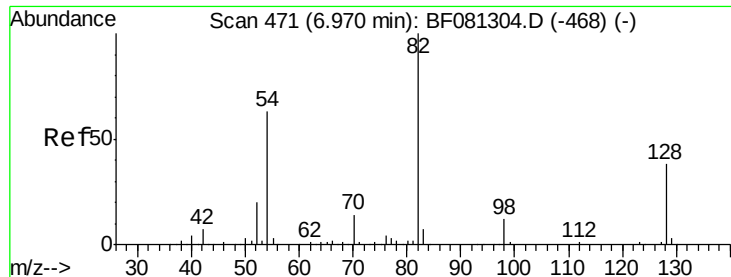
137 10.7 9.0 13.6

54 9.7 8.2 12.2

68 4.3 5.8 8.6#

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





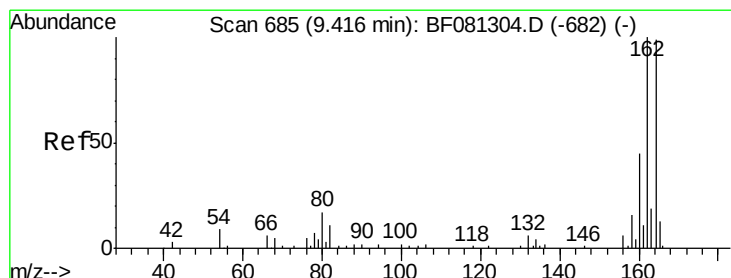
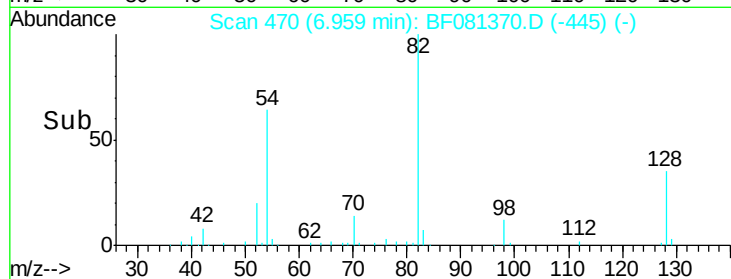
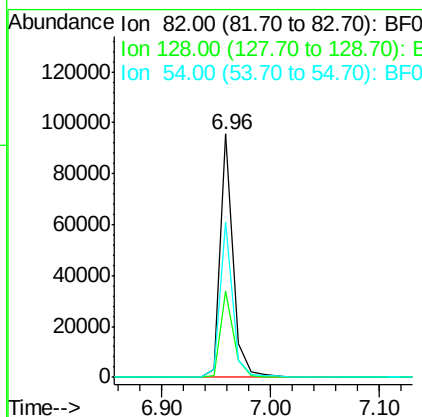
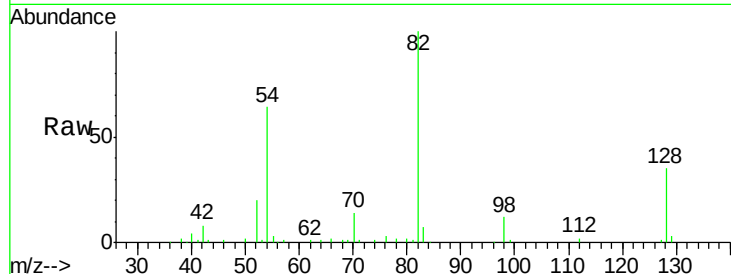
#23
 Nitrobenzene-d5
 Concen: 17.20 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF081370.D
 Acq: 3 Sep 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :
 28TP22(4.5-5)

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	79893		
128	35.4	51.0	76.6#	
54	63.8	47.5	71.3	

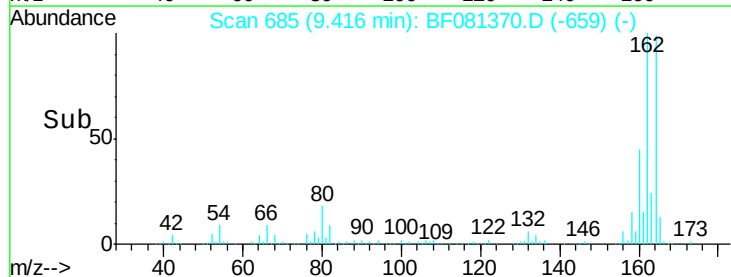
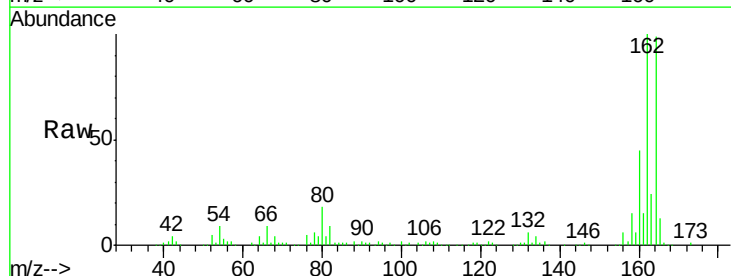
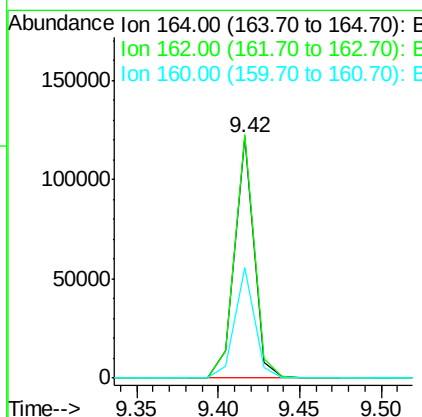
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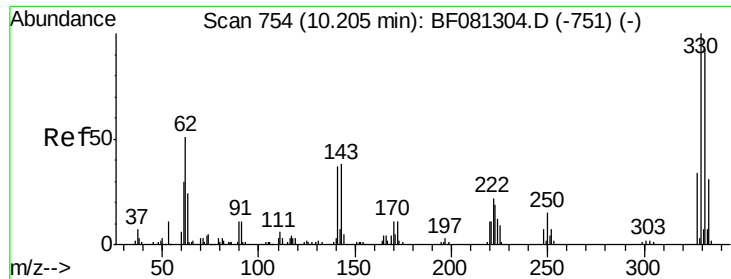
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF081370.D
 Acq: 3 Sep 2015 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	98764		
162	101.2	75.2	112.8	
160	46.0	31.5	47.3	





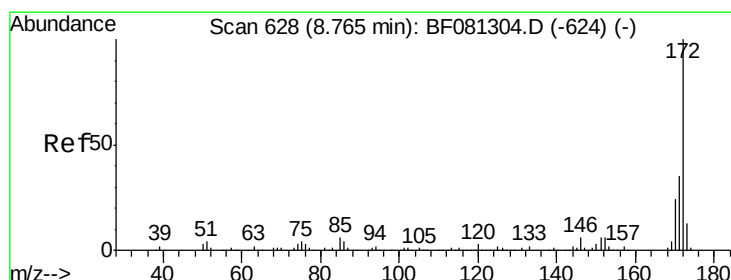
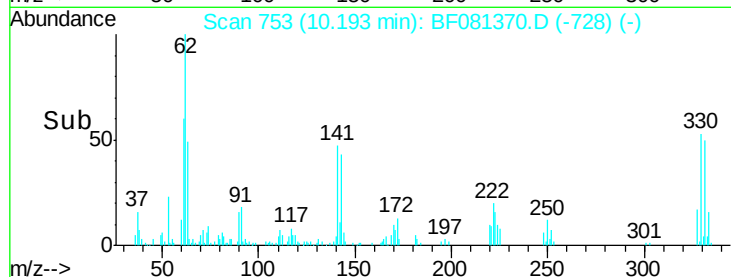
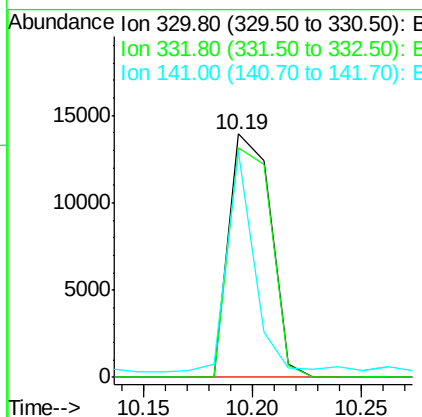
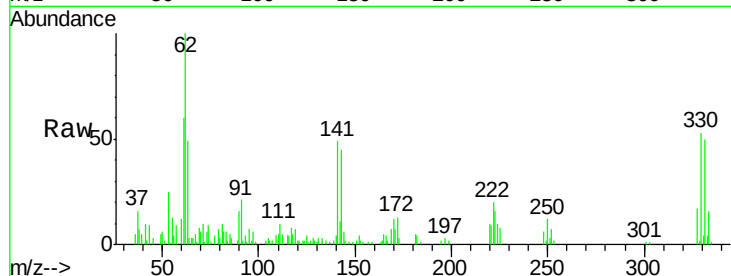
#41
 2,4,6-Tribromophenol
 Concen: 21.15 ng
 RT: 10.19 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF081370.D
 Acq: 3 Sep 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :
 28TP22(4.5-5)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	18602		
332	95.9	76.6	114.8	
141	58.5	29.7	44.5#	

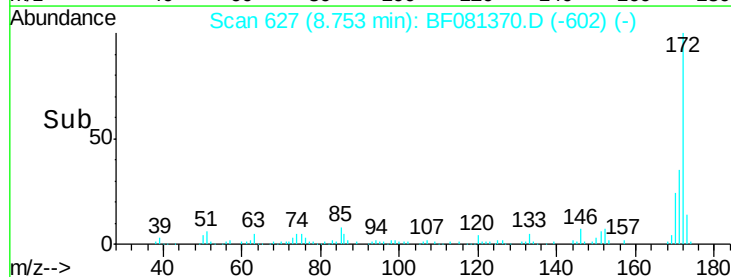
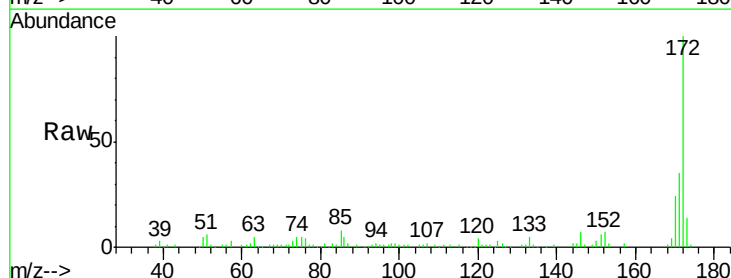
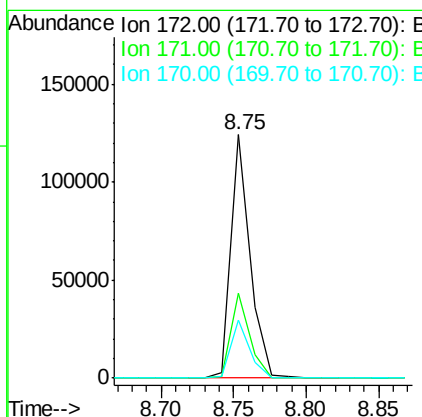
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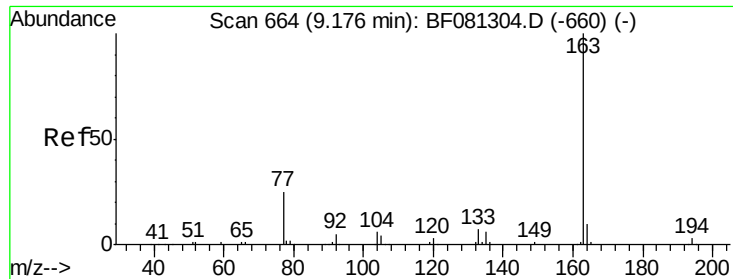
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#44
 2-Fluorobiphenyl
 Concen: 14.76 ng
 RT: 8.75 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF081370.D
 Acq: 3 Sep 2015 2:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	113785		
171	35.0	26.1	39.1	
170	23.6	17.4	26.2	





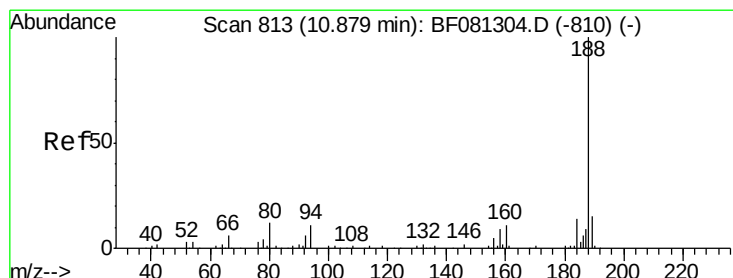
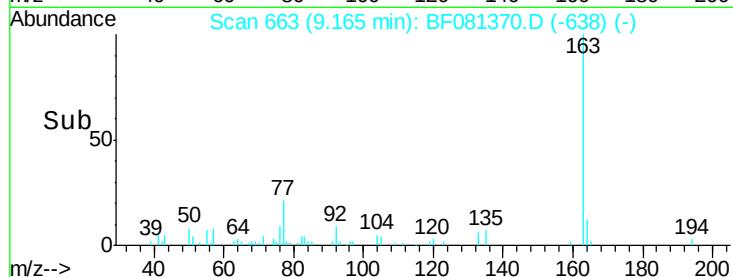
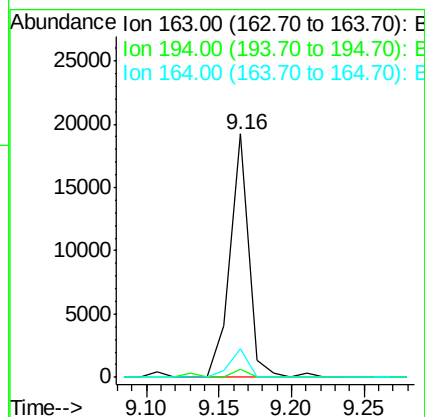
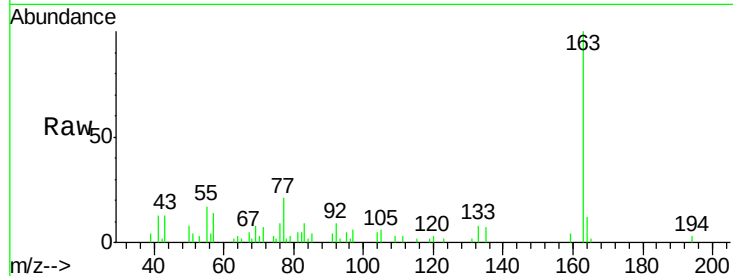
#49
Dimethylphthalate
Concen: 2.26 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF081370.D
Acq: 3 Sep 2015 2:25

Instrument :
BNA_F
ClientSampleId :
28TP22(4.5-5)

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	4.4	6.6#
164	11.6	8.3	12.5

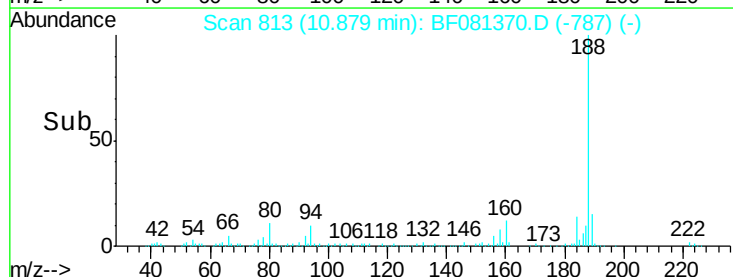
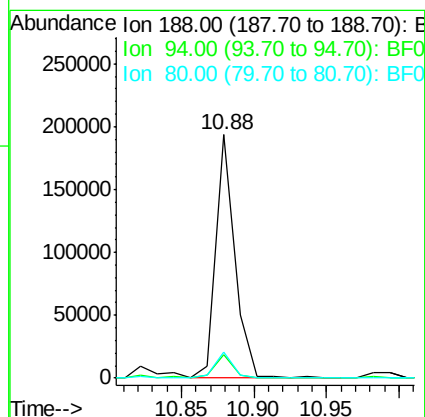
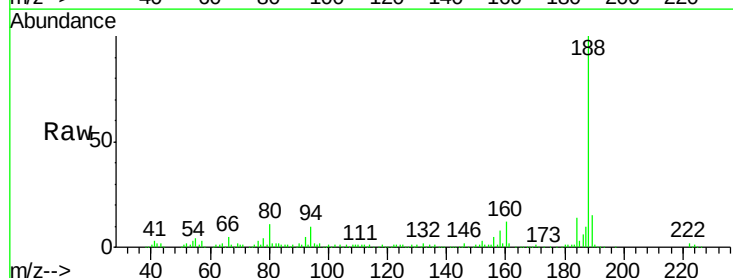
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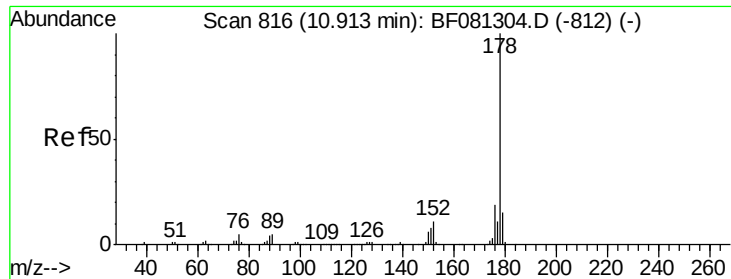
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF081370.D
Acq: 3 Sep 2015 2:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	11.1	16.7#
80	10.5	11.0	16.4#





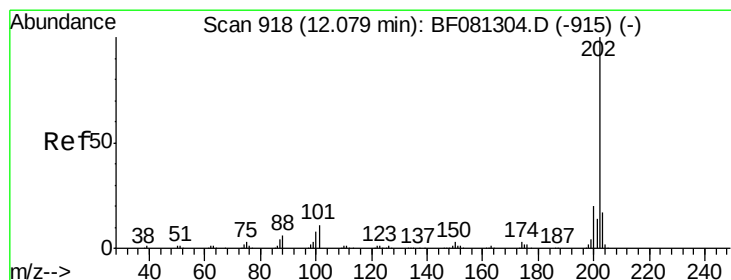
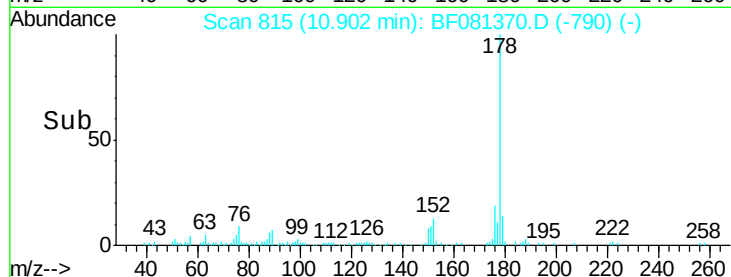
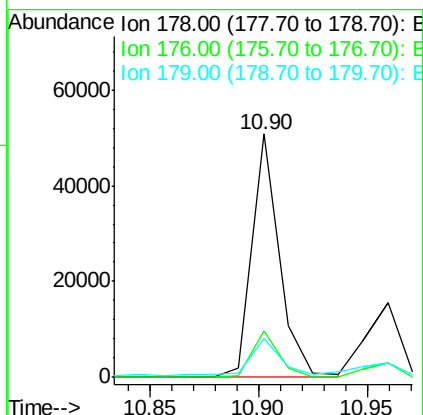
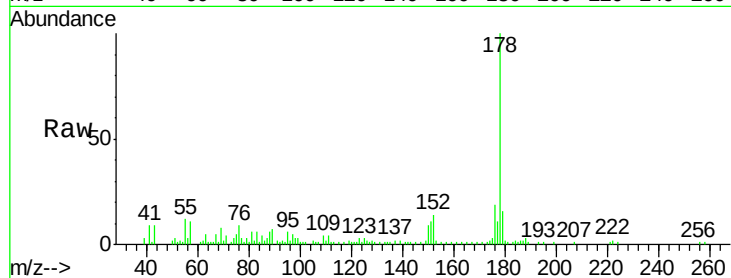
#70
Phenanthrene
Concen: 4.55 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF081370.D
Acq: 3 Sep 2015 2:25

Instrument :
BNA_F
ClientSampleId :
28TP22(4.5-5)

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	13.8	20.8
179	15.8	12.2	18.2

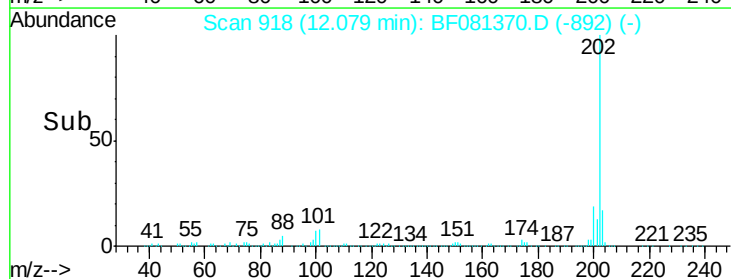
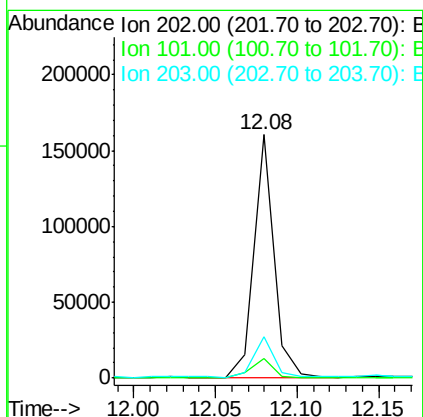
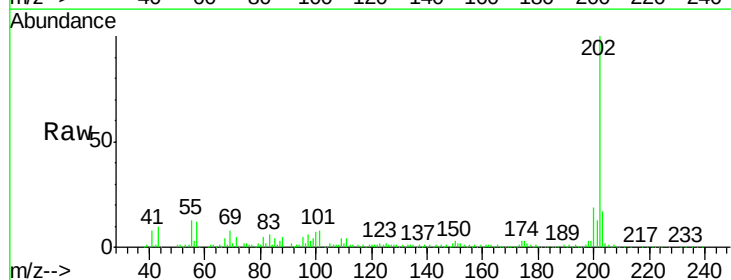
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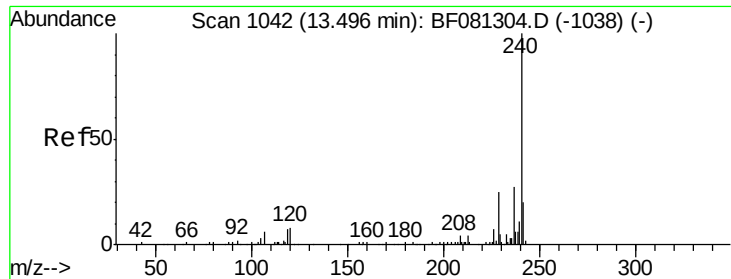
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#74
Fluoranthene
Concen: 12.84 ng
RT: 12.08 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF081370.D
Acq: 3 Sep 2015 2:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	38.3
203	16.9	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.50 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF081370.D

Acq: 3 Sep 2015 2:25

Instrument :

BNA_F

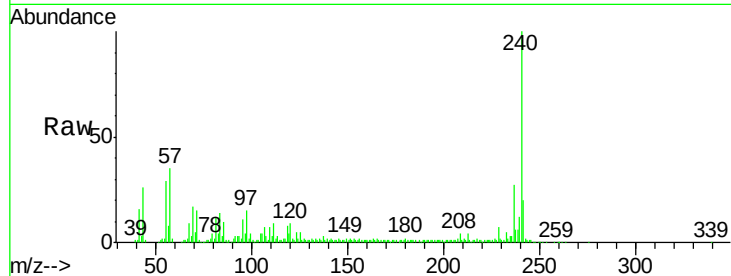
ClientSampleId :

28TP22(4.5-5)

Tgt Ion:	240	Resp:	113867
Ion Ratio	Lower	Upper	
240	100		
120	9.0	16.2	24.2#
236	26.9	18.4	27.6

Manual Integrations
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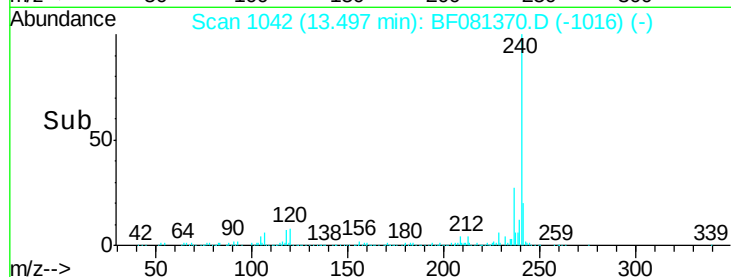


Abundance Ion 240.00 (239.70 to 240.70): E

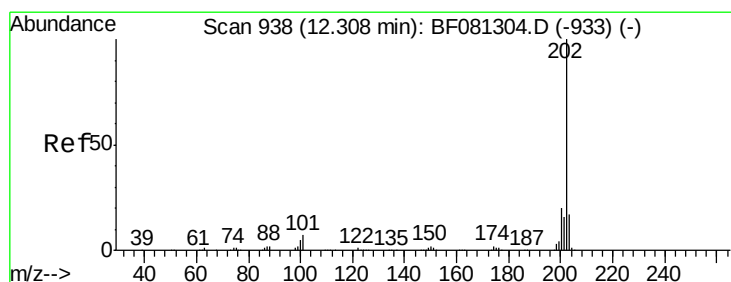
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.50



Time-->



#77

Pyrene

Concen: 14.58 ng

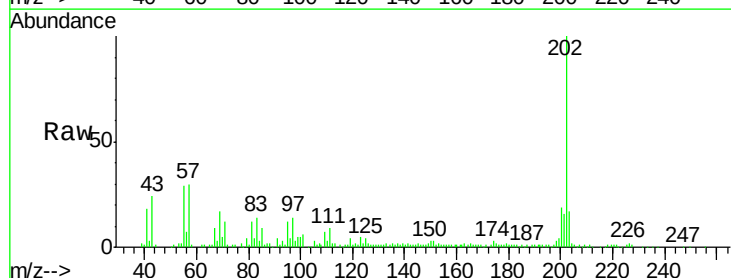
RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF081370.D

Acq: 3 Sep 2015 2:25

Tgt Ion:	202	Resp:	122972
Ion Ratio	Lower	Upper	
202	100		
200	19.3	15.0	22.4
203	17.4	14.1	21.1

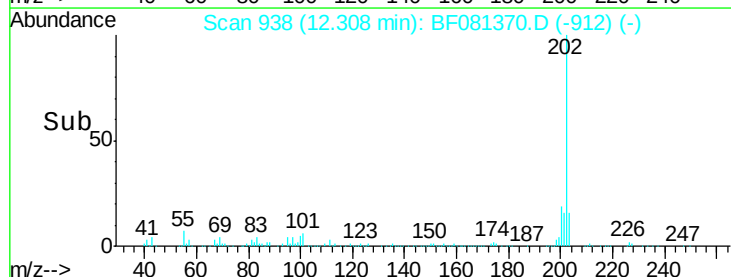


Abundance Ion 202.00 (201.70 to 202.70): E

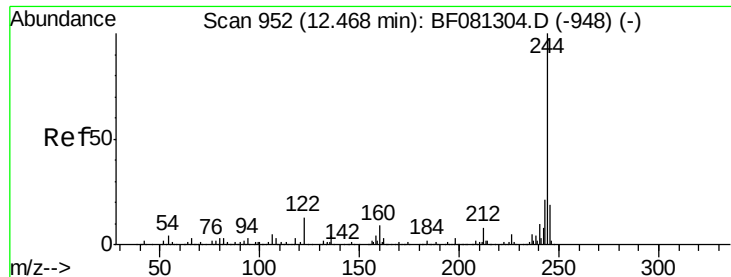
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.31



Time-->



#78

Terphenyl-d14

Concen: 17.27 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF081370.D

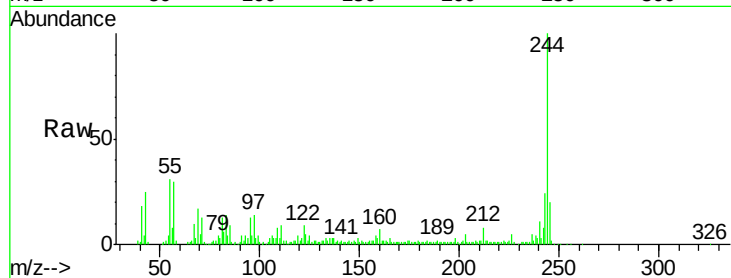
Acq: 3 Sep 2015 2:25

Instrument :

BNA_F

ClientSampleId :

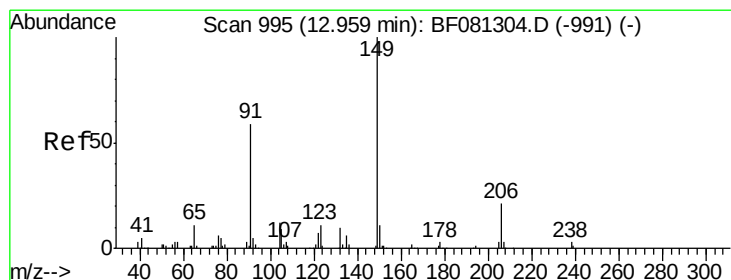
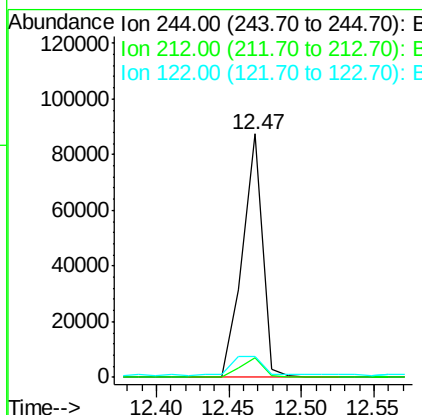
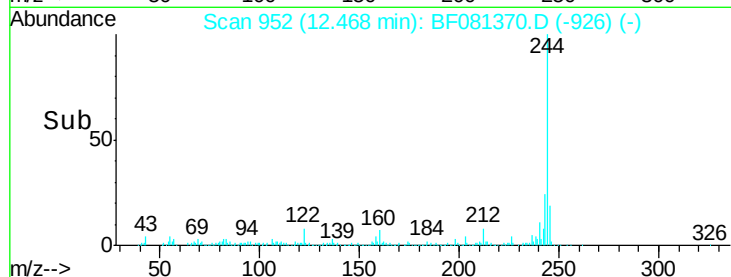
28TP22(4.5-5)



Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	8.8	17.4	26.2#

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#79

Butylbenzylphthalate

Concen: 5.21 ng

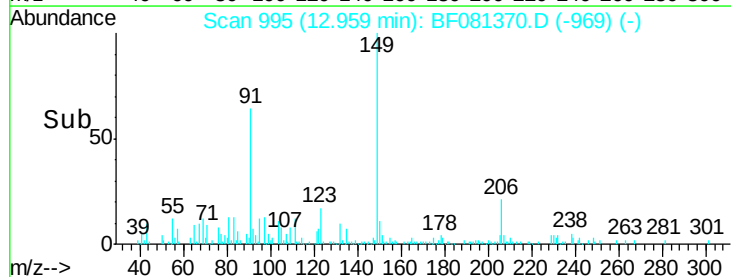
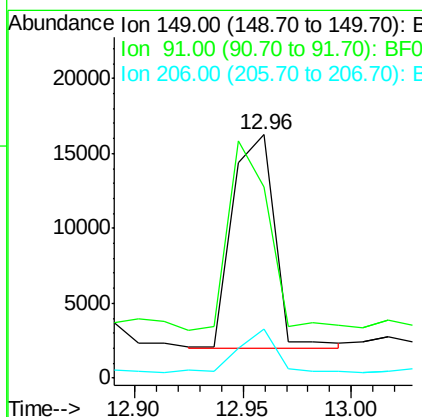
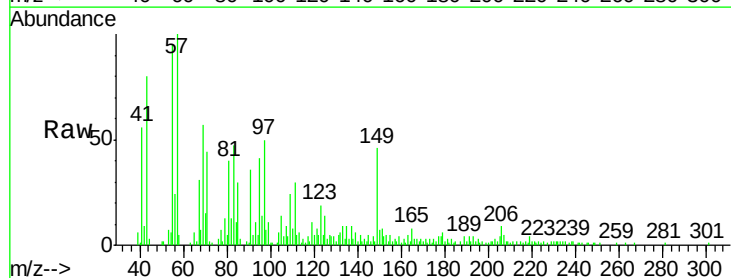
RT: 12.96 min Scan# 995

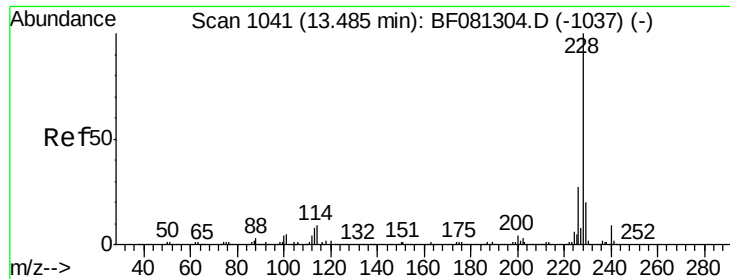
Delta R.T. 0.00 min

Lab File: BF081370.D

Acq: 3 Sep 2015 2:25

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.4	48.6	72.8#
206	20.1	14.9	22.3





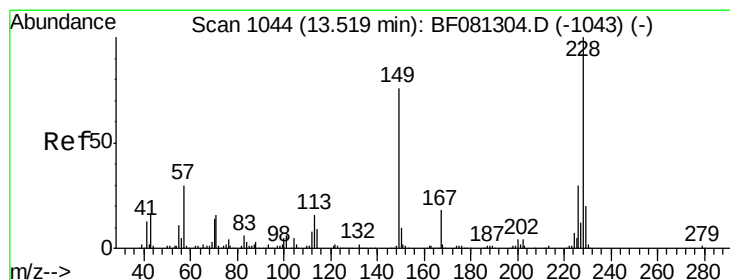
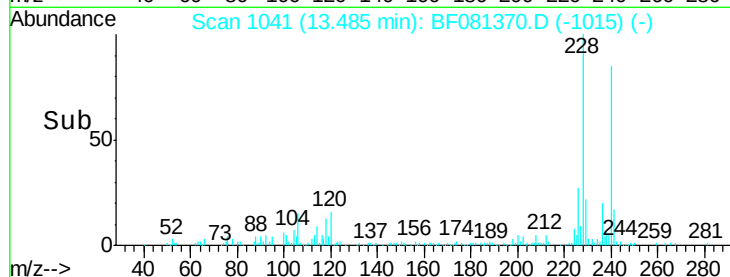
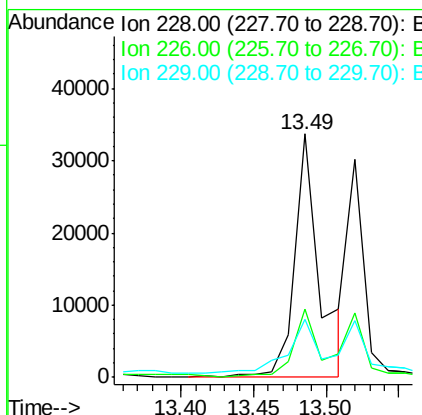
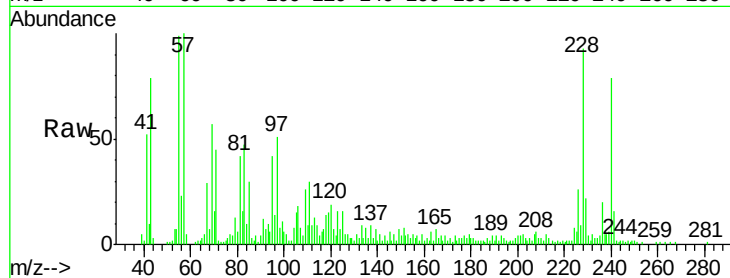
#80
Benzo(a)anthracene
Concen: 5.59 ng
RT: 13.49 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF081370.D
Acq: 3 Sep 2015 2:25

Instrument :
BNA_F
ClientSampleId :
28TP22(4.5-5)

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.2	20.0	30.0
229	23.7	15.4	23.2

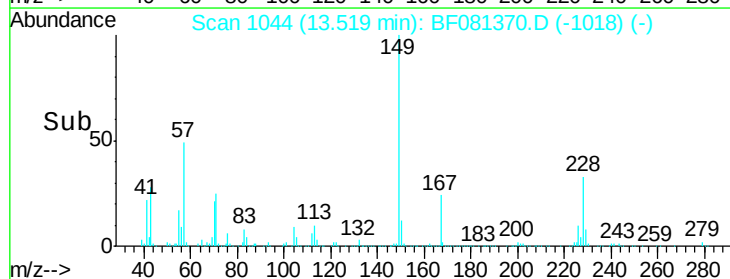
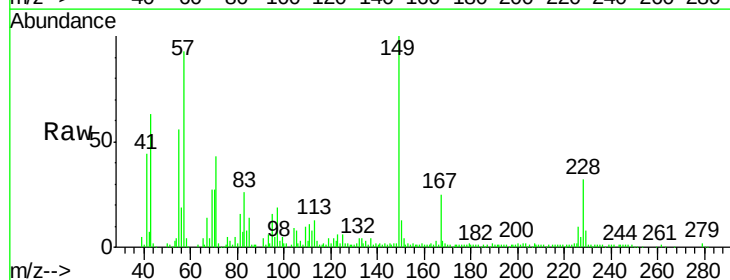
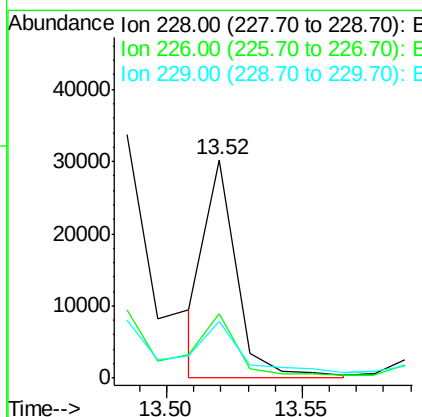
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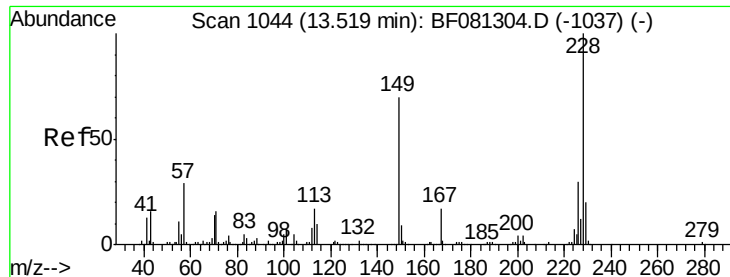
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#82
Chrysene
Concen: 3.78 ng m
RT: 13.52 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF081370.D
Acq: 3 Sep 2015 2:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.7	21.0	31.4
229	25.9	15.6	23.4





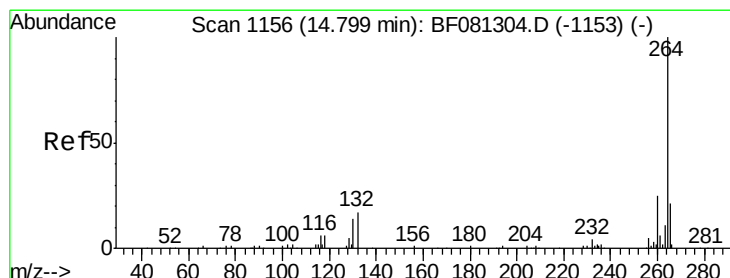
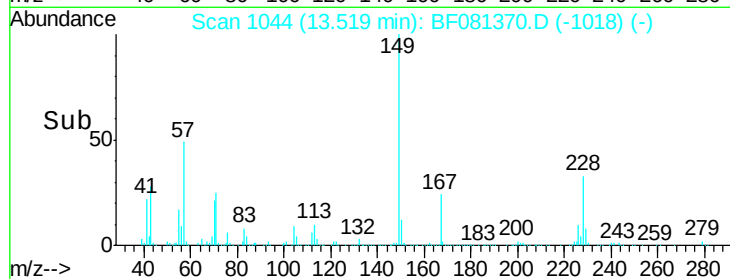
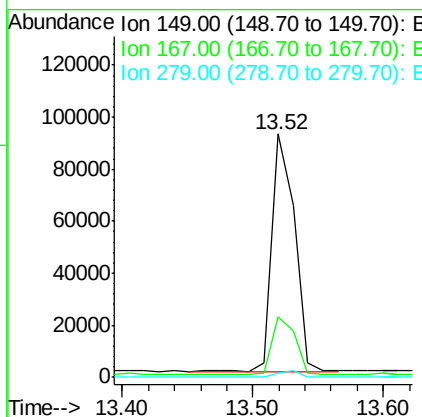
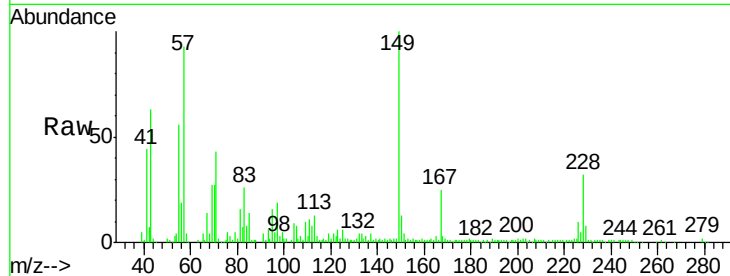
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 23.07 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081370.D
 Acq: 3 Sep 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :
 28TP22(4.5-5)

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	25.0	24.2	36.2
279	1.6	3.8	5.6#

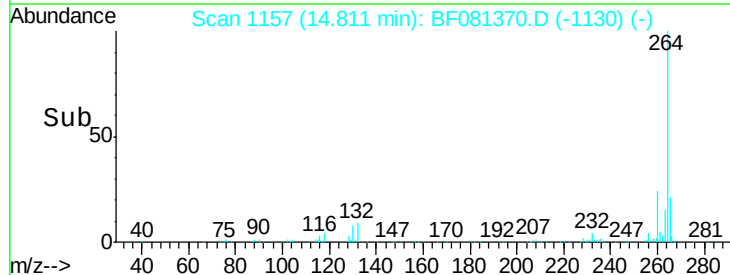
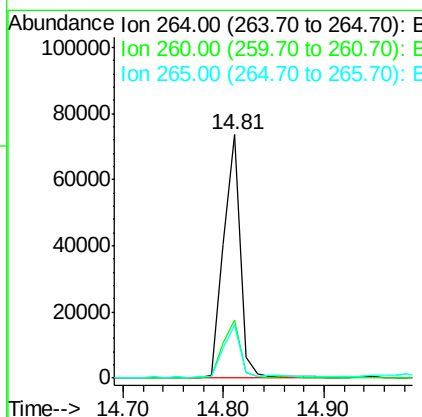
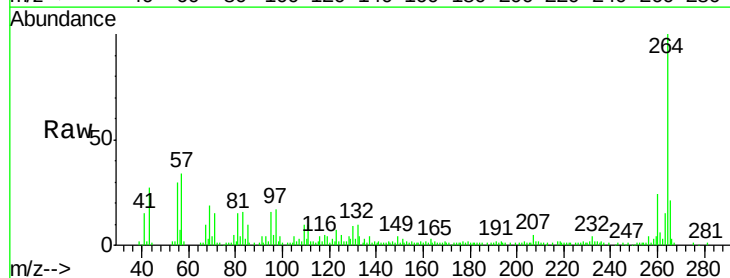
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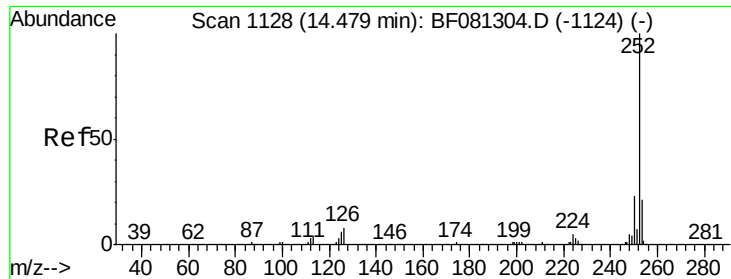
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. 0.01 min
 Lab File: BF081370.D
 Acq: 3 Sep 2015 2:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.1	16.7	25.1
265	21.5	17.2	25.8





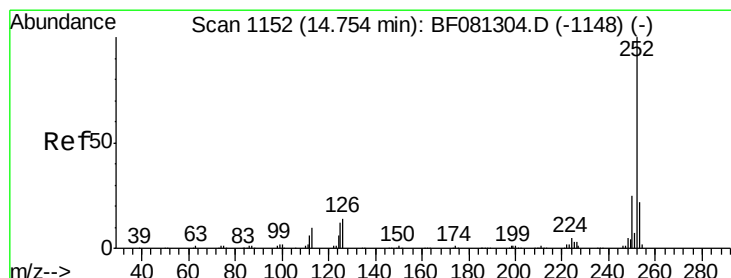
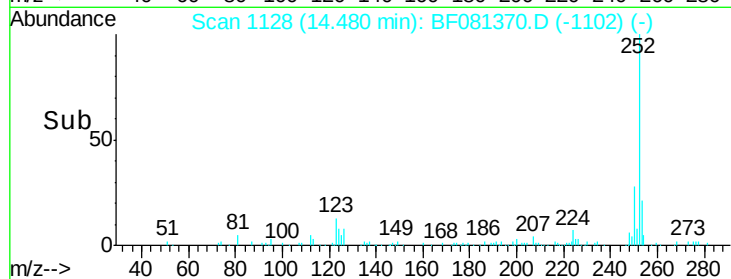
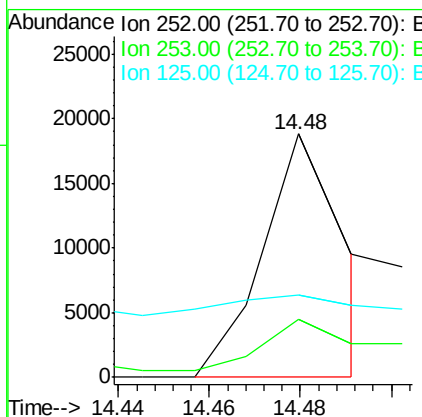
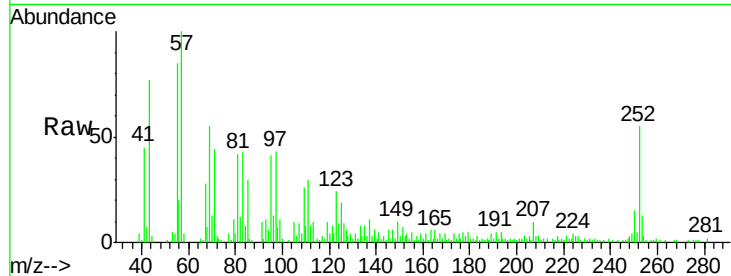
#87
Benzo(b)fluoranthene
Concen: 3.81 ng m
RT: 14.48 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF081370.D
Acq: 3 Sep 2015 2:25

Instrument :
BNA_F
ClientSampleId :
28TP22(4.5-5)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	33.9	17.1	25.7#

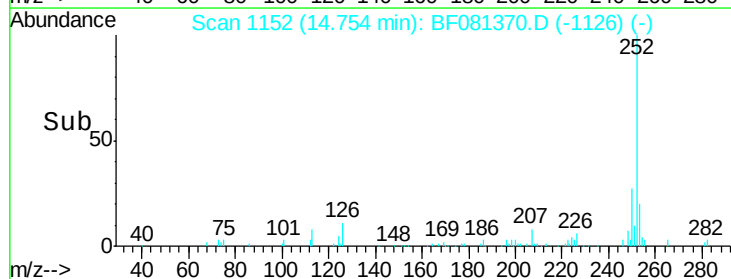
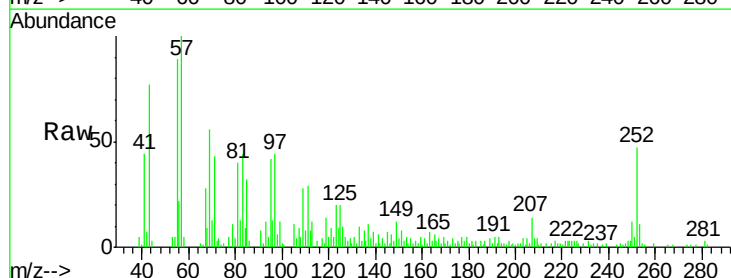
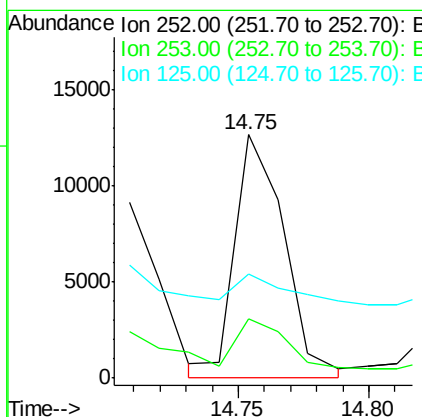
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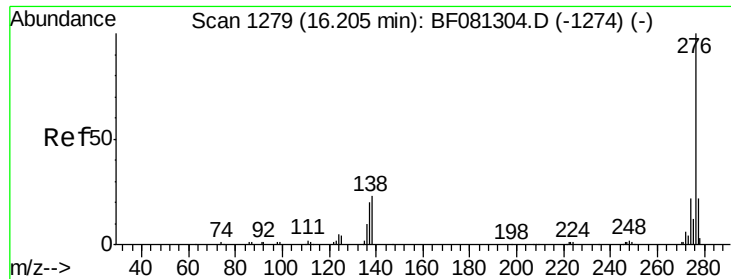
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#89
Benzo(a)pyrene
Concen: 3.24 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081370.D
Acq: 3 Sep 2015 2:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	42.9	18.0	27.0#





#91
 Benzo(g,h,i)perylene
 Concen: 2.03 ng
 RT: 16.22 min Scan# 1280
 Delta R.T. 0.01 min
 Lab File: BF081370.D
 Acq: 3 Sep 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :
 28TP22(4.5-5)

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.8	26.6
138	27.4	34.6	51.8#

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