

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089945.D
 Acq On : 31 Aug 2016 12:47
 Operator : UM/SJ
 Sample : H4612-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-003

Manual Integrations
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SOHIL
 9/1/2016 11:53:41 AM

Quant Time: Aug 31 16:33:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	233261	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	920776	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	484133	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	822672	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	602766	20.00	ng	-0.01
86) Perylene-d12	15.10	264	558074	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	798105	54.77	ng	0.00
7) Phenol-d6	6.27	99	1037760	58.61	ng	0.00
23) Nitrobenzene-d5	7.20	82	772715	48.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	214836	44.98	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1434214	48.63	ng	-0.01
78) Terphenyl-d14	12.72	244	1125317	46.12	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.39	163	549183	15.69	ng	99
70) Phenanthrene	11.15	178	99542	2.43	ng	97
74) Fluoranthene	12.33	202	207762	4.84	ng	97
77) Pyrene	12.56	202	181845	4.28	ng	96
80) Benzo(a)anthracene	13.74	228	103636	2.81	ng	98
82) Chrysene	13.77	228	71733	2.08	ng	98
83) Bis(2-ethylhexyl)phthalate	13.76	149	74155	3.13	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.31	276	51799	2.03	ng	97
87) Benzo(b)fluoranthene	14.73	252	102749m	2.94	ng	
89) Benzo(a)pyrene	15.04	252	70592	2.36	ng	# 95
91) Benzo(g,h,i)perylene	16.67	276	48282	2.19	ng	# 92

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

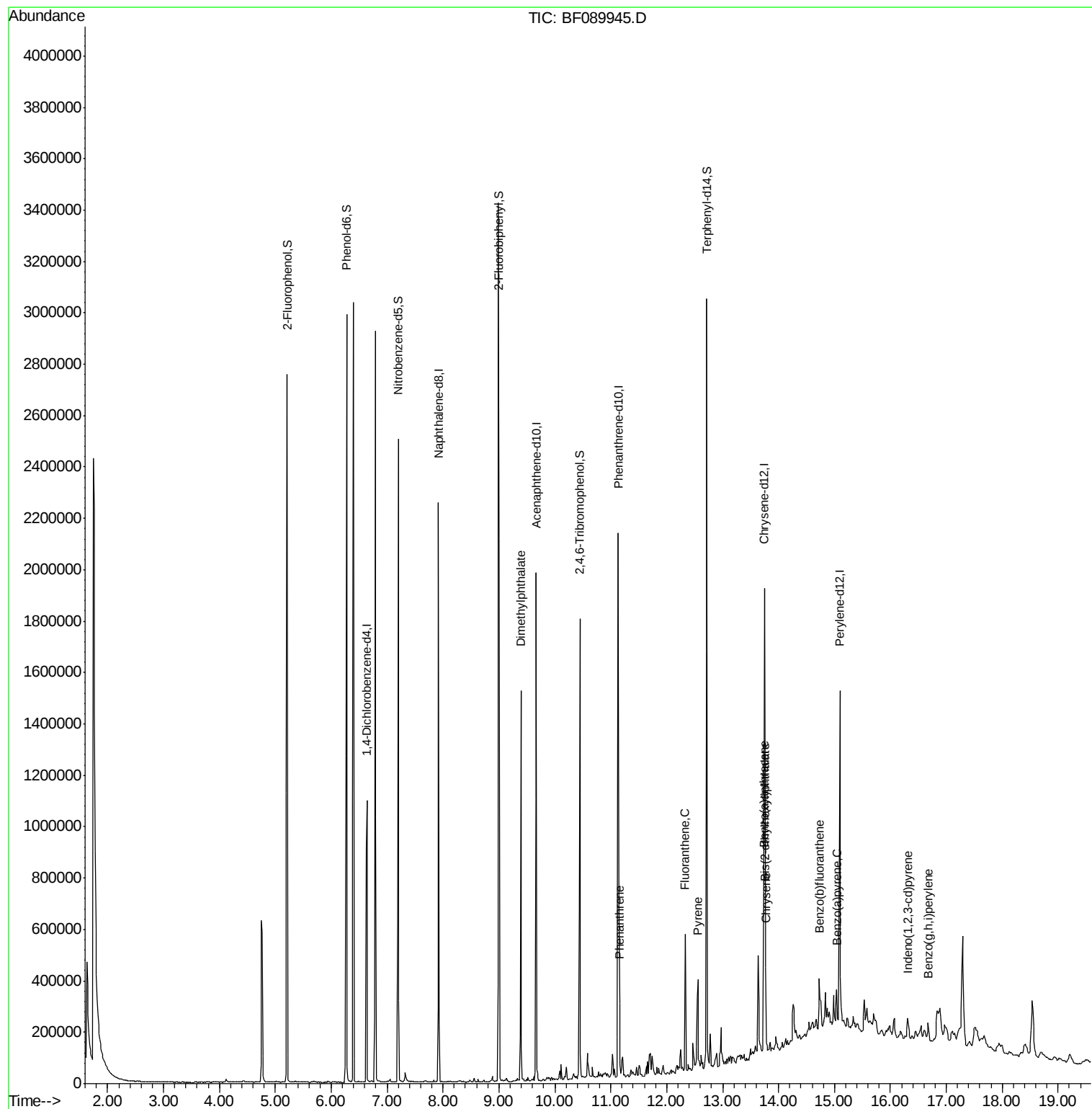
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089945.D
Acq On : 31 Aug 2016 12:47
Operator : UM/SJ
Sample : H4612-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

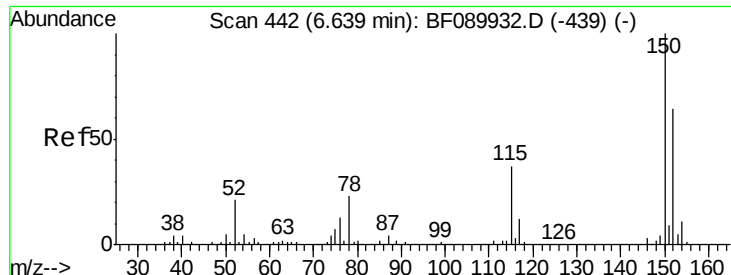
Instrument :
BNA_F
ClientSampleId :
NC-TS-003

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

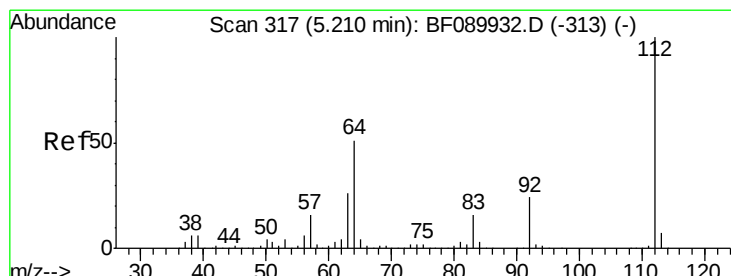
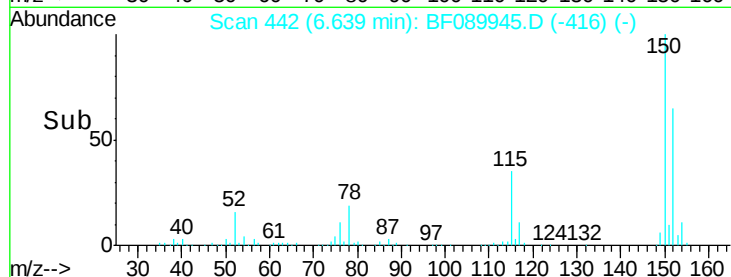
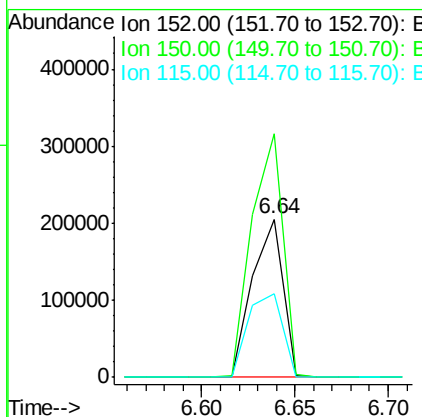
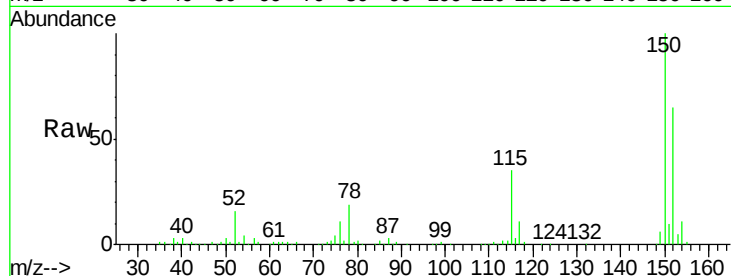
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF089945.D
 Acq: 31 Aug 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-003

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	233261		
150	153.9	127.4	191.2	
115	53.2	46.3	69.5	

Manual Integrations
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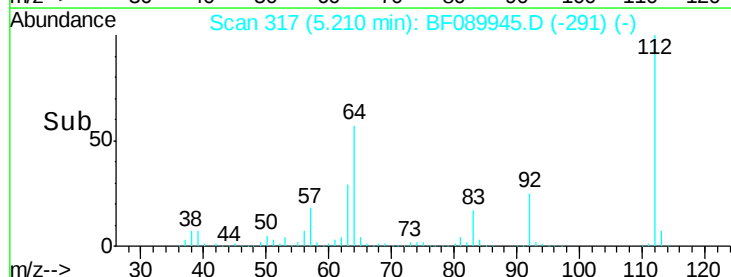
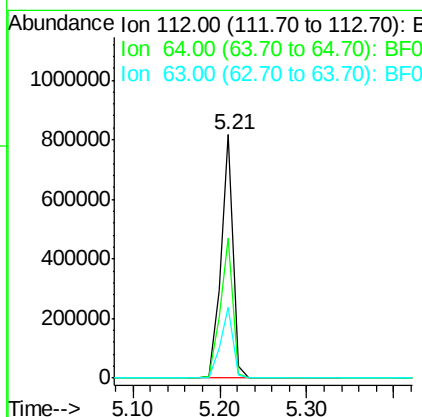
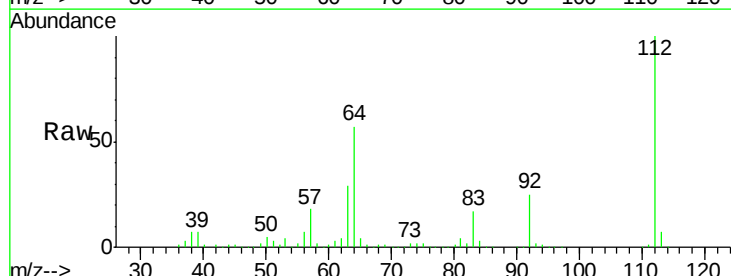
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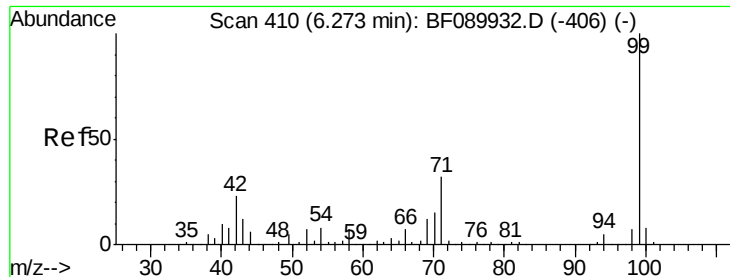


#5

2-Fluorophenol
 Concen: 54.77 ng
 RT: 5.21 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: BF089945.D
 Acq: 31 Aug 2016 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	798105		
64	57.4	41.1	61.7	
63	29.1	21.2	31.8	





#7

Phenol-d6

Concen: 58.61 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089945.D

Acq: 31 Aug 2016 12:47

Instrument :

BNA_F

ClientSampled :

NC-TS-003

Tgt Ion: 99 Resp: 1037760

Ion Ratio Lower Upper

99 100

42 21.2 18.6 27.8

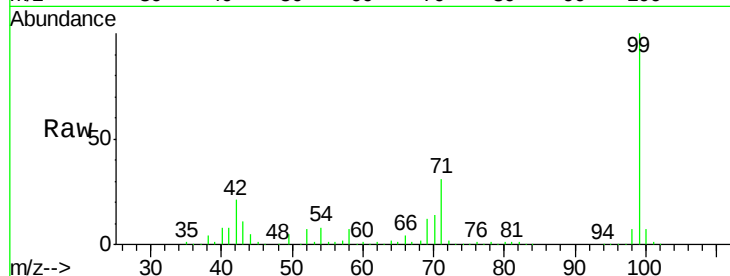
71 30.5 25.8 38.6

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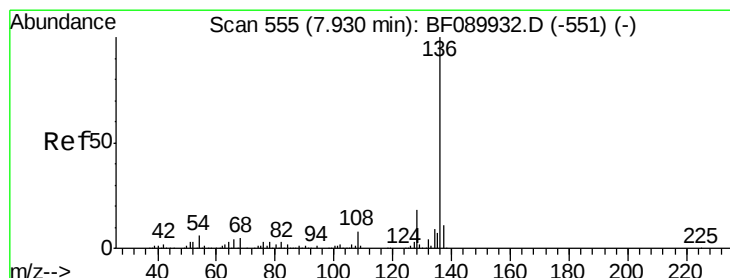
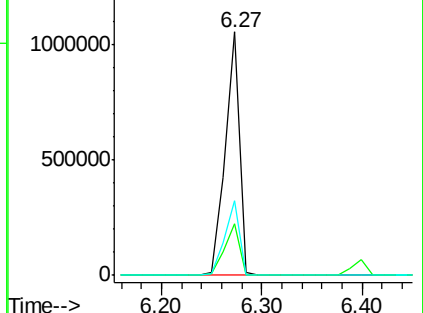
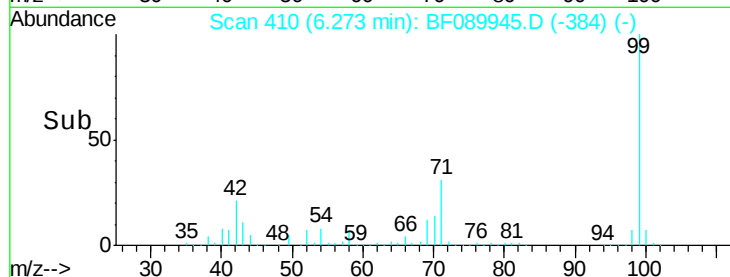
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Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089945.D

Acq: 31 Aug 2016 12:47

Tgt Ion: 136 Resp: 920776

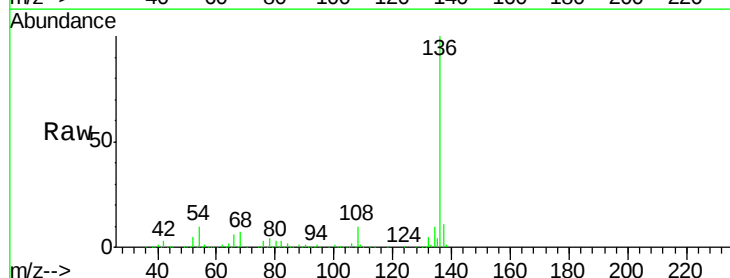
Ion Ratio Lower Upper

136 100

137 11.2 8.3 12.5

54 10.2 4.8 7.2#

68 7.2 3.7 5.5#

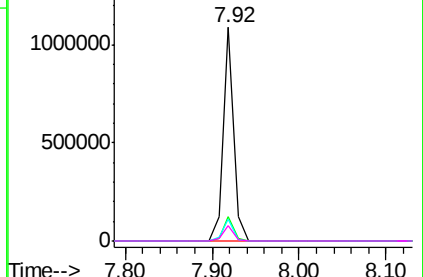
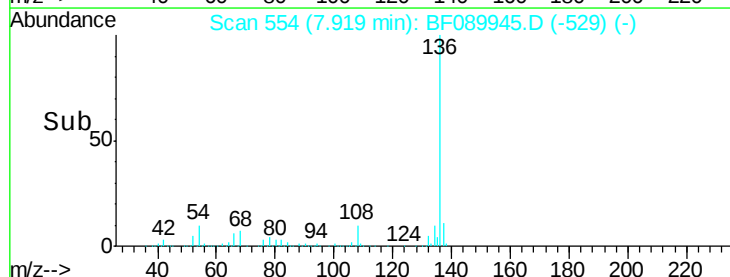


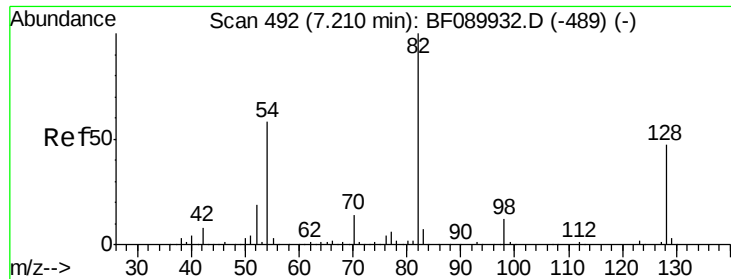
Abundance Ion 136.00 (135.70 to 136.70): E

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





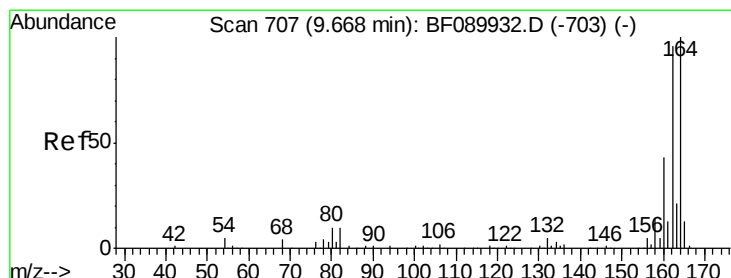
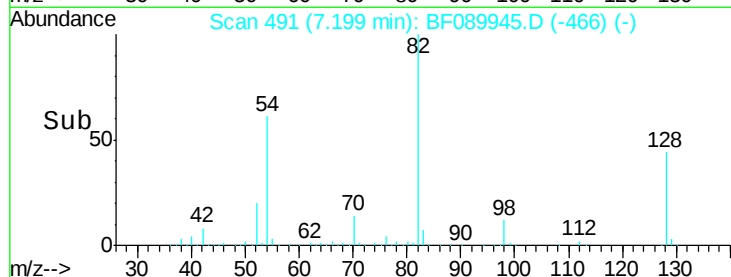
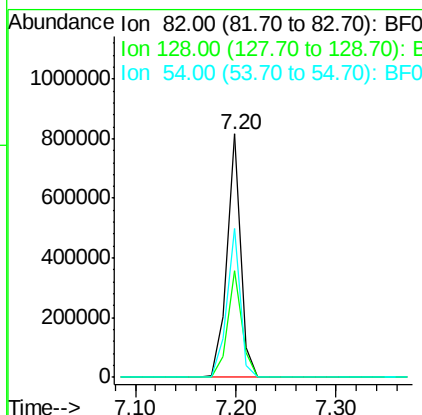
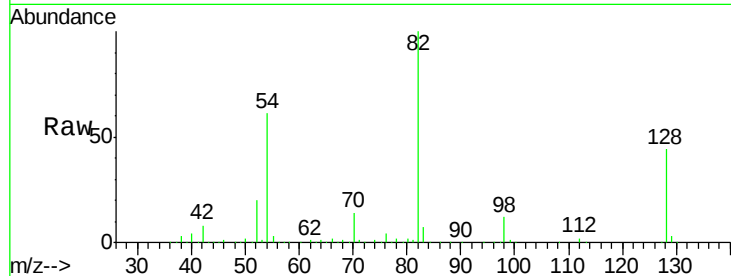
#23
 Nitrobenzene-d5
 Concen: 48.67 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF089945.D
 Acq: 31 Aug 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-003

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	37.8	56.8
54	61.3	46.9	70.3

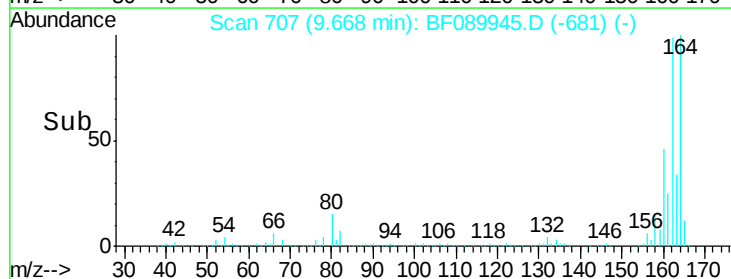
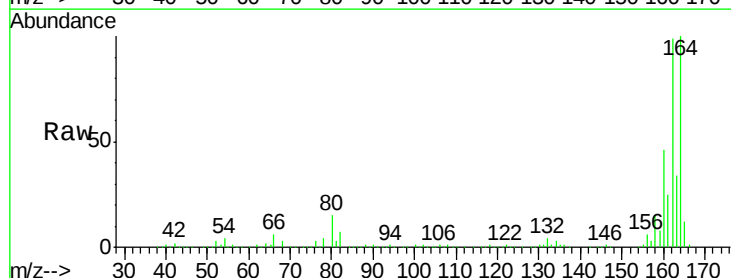
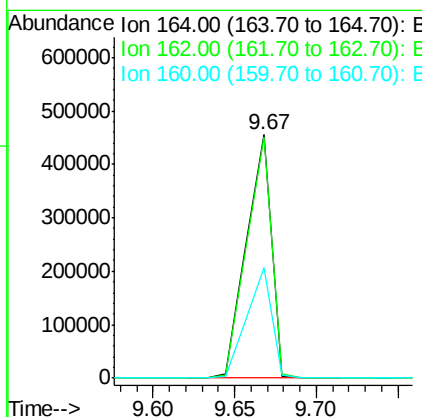
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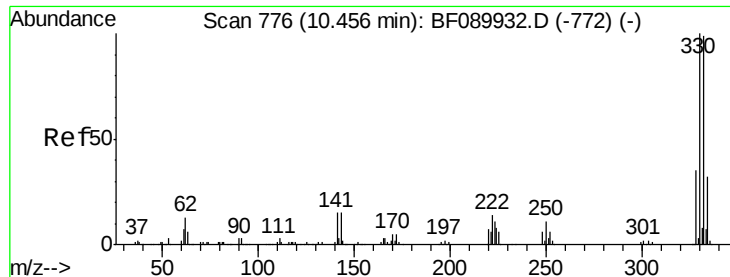
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089945.D
 Acq: 31 Aug 2016 12:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	77.1	115.7
160	45.6	35.3	52.9





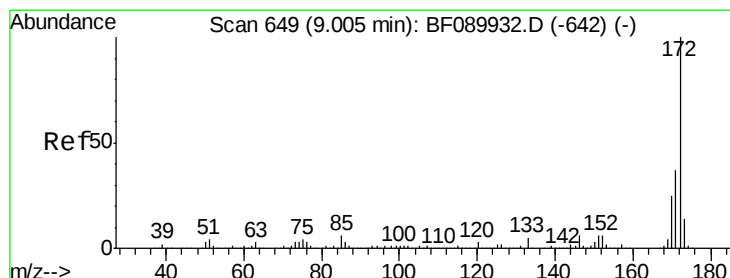
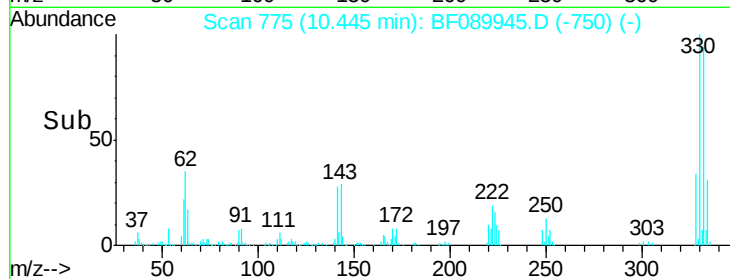
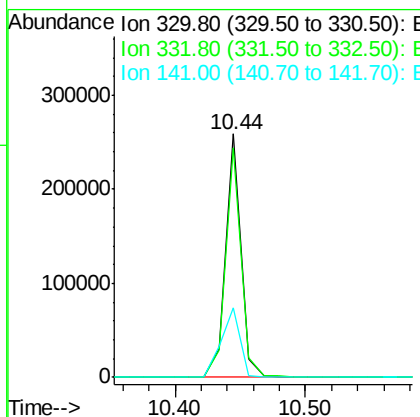
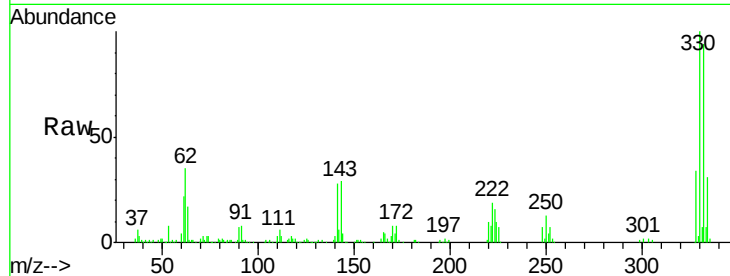
#41
 2,4,6-Tribromophenol
 Concen: 44.98 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089945.D
 Acq: 31 Aug 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-003

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	214836		
332	95.8	78.6	117.8	
141	35.3	23.3	34.9#	

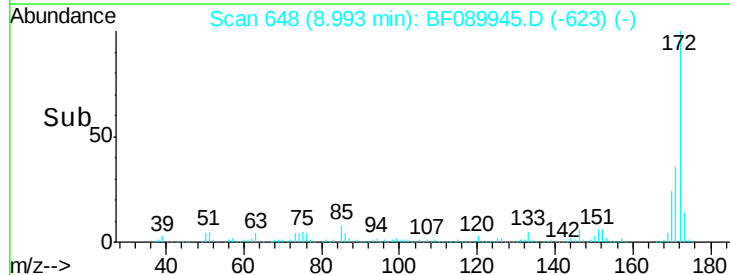
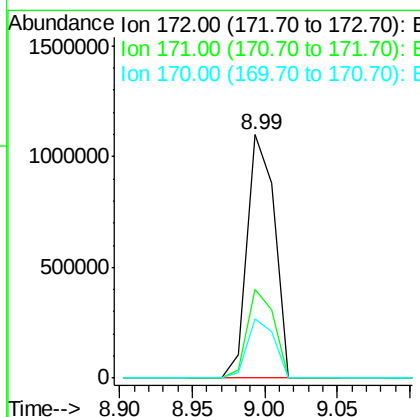
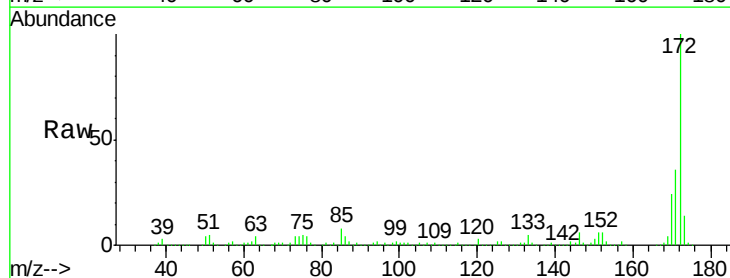
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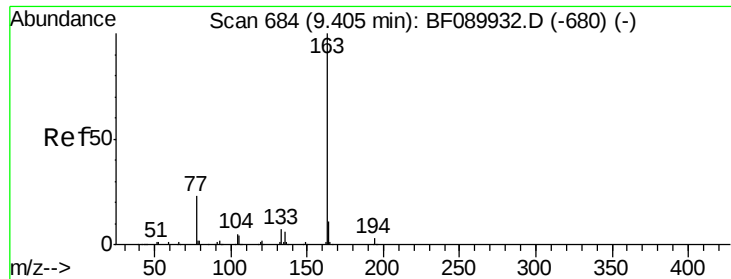
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#44
 2-Fluorobiphenyl
 Concen: 48.63 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF089945.D
 Acq: 31 Aug 2016 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1434214		
171	36.3	29.4	44.2	
170	24.4	20.1	30.1	





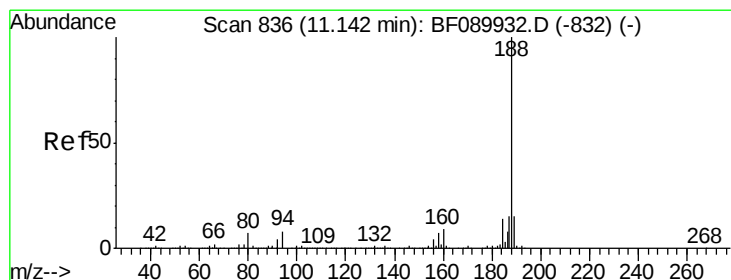
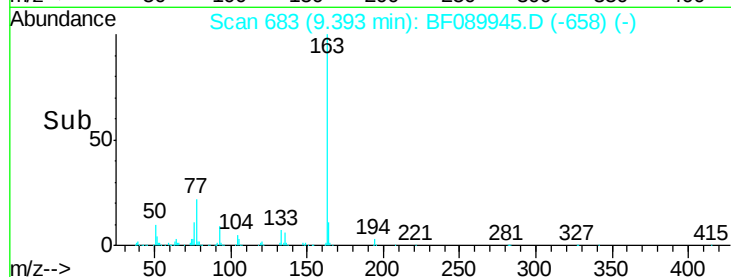
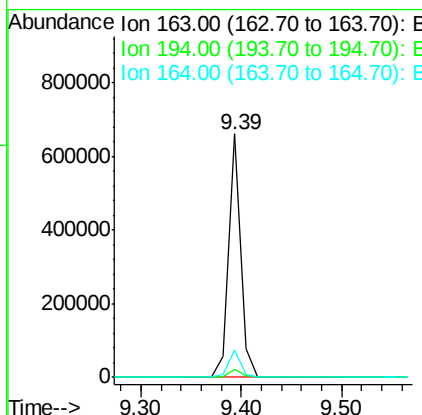
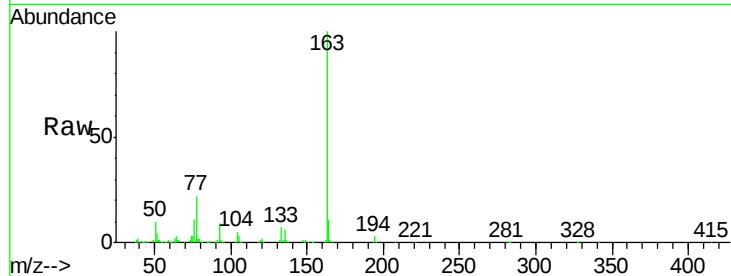
#49
Dimethylphthalate
Concen: 15.69 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF089945.D
Acq: 31 Aug 2016 12:47

Instrument :
BNA_F
ClientSampleId :
NC-TS-003

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	549183		
194	3.3	2.7	4.1	
164	11.0	9.0	13.4	

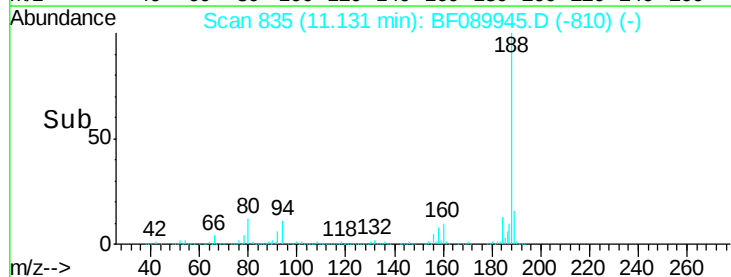
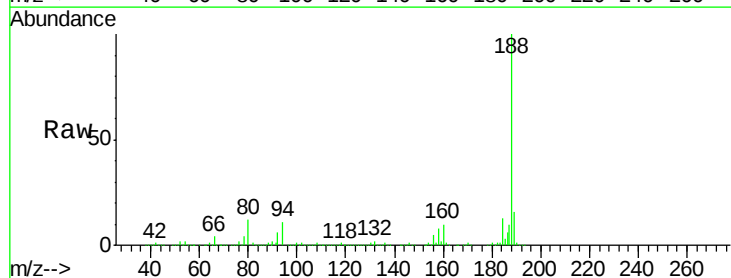
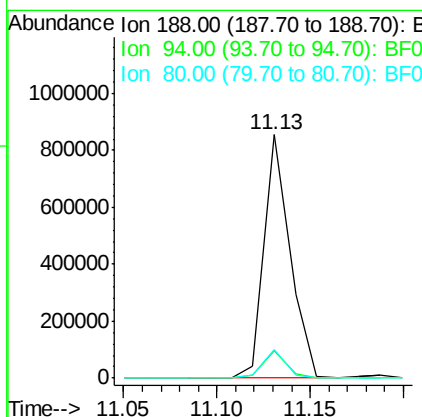
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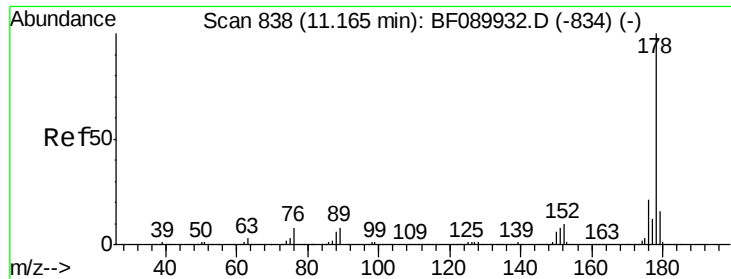
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF089945.D
Acq: 31 Aug 2016 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	822672		
94	11.3	5.9	8.9#	
80	11.9	5.8	8.8#	





#70

Phenanthrene

Concen: 2.43 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF089945.D

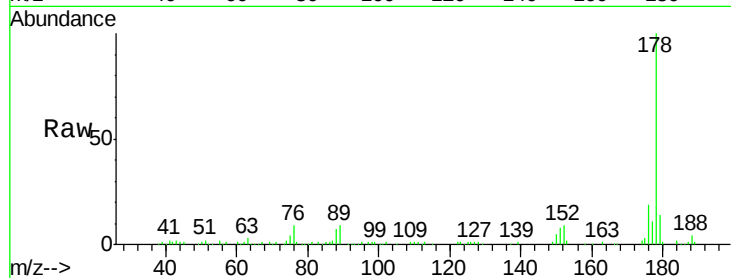
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Instrument :

BNA_F

ClientSampleId :

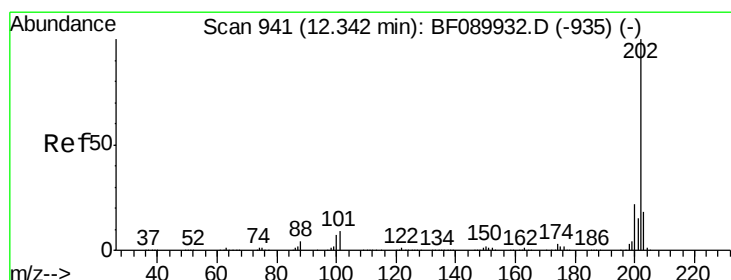
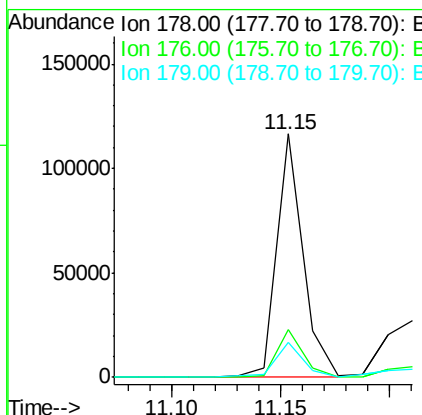
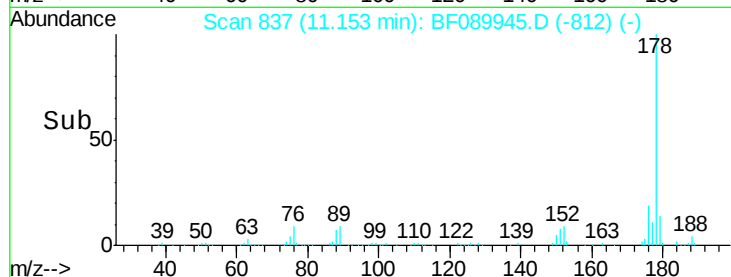
NC-TS-003



Tgt Ion:	178	Resp:	99542
Ion Ratio	Lower	Upper	
178	100		
176	19.4	16.5	24.7
179	14.3	12.8	19.2

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#74

Fluoranthene

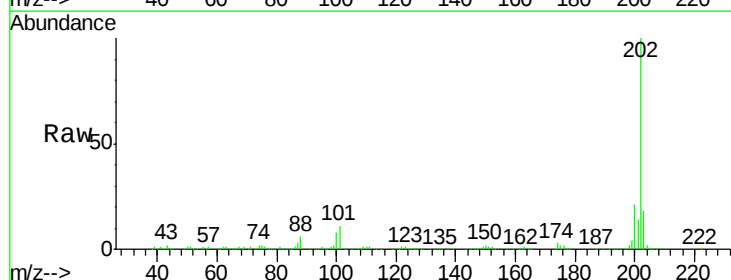
Concen: 4.84 ng

RT: 12.33 min Scan# 940

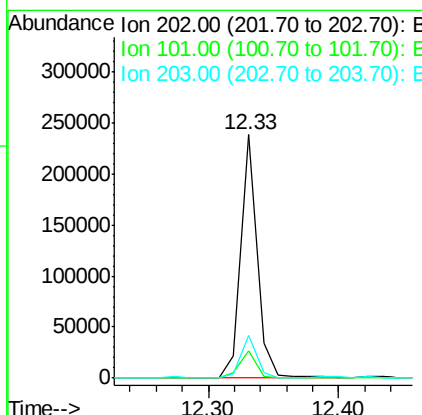
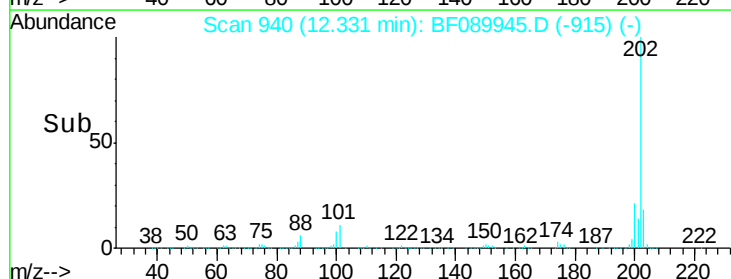
Delta R.T. -0.01 min

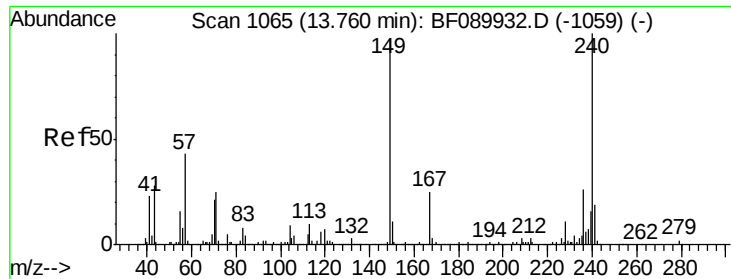
Lab File: BF089945.D

Acq: 31 Aug 2016 12:47



Tgt Ion:	202	Resp:	207762
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	28.5
203	17.6	0.0	38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089945.D

Acq: 31 Aug 2016 12:47

Instrument :

BNA_F

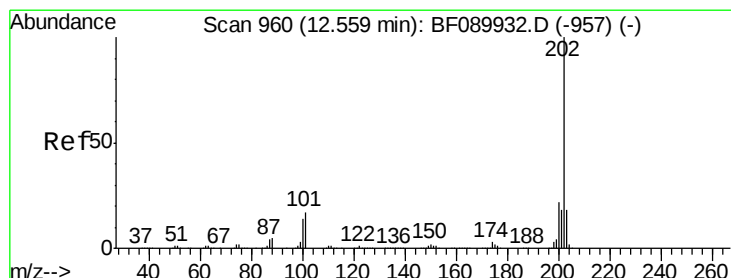
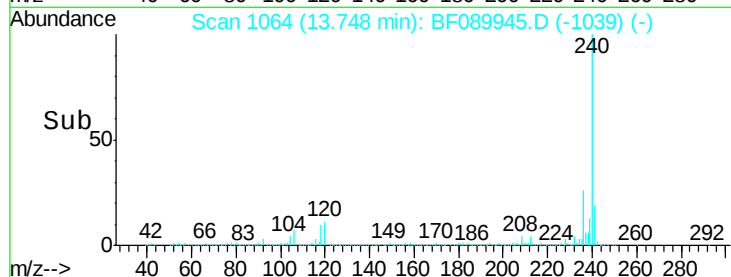
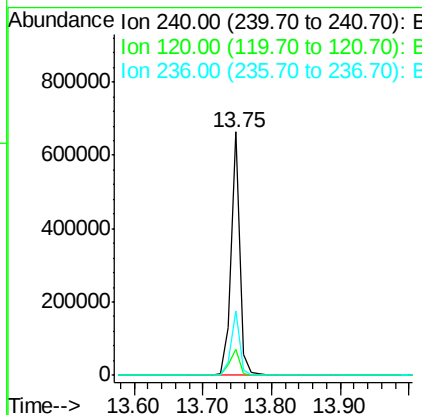
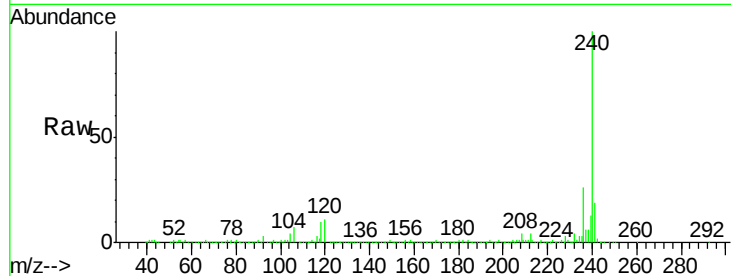
ClientSampleId :

NC-TS-003

Tgt Ion:240 Resp: 602766
 Ion Ratio Lower Upper
 240 100
 120 10.9 5.7 8.5#
 236 26.3 21.3 31.9

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#77

Pyrene

Concen: 4.28 ng

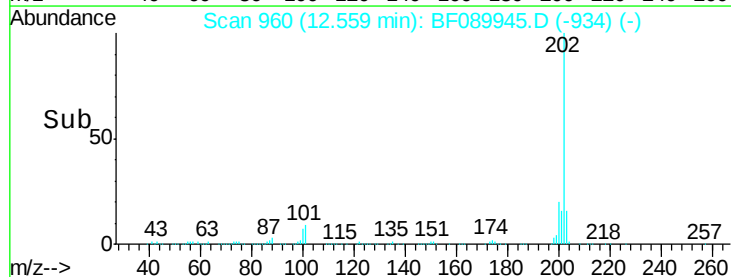
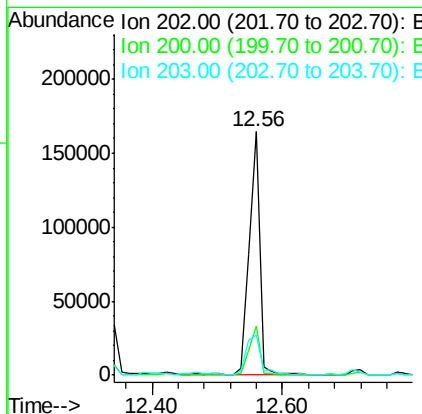
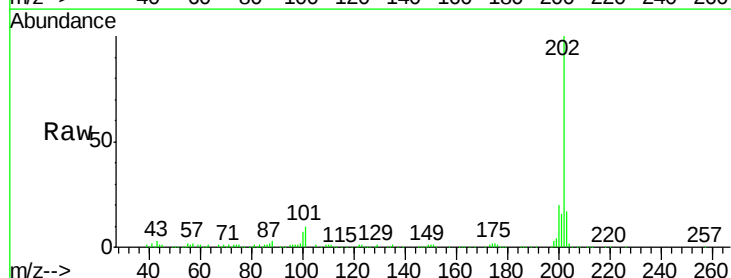
RT: 12.56 min Scan# 960

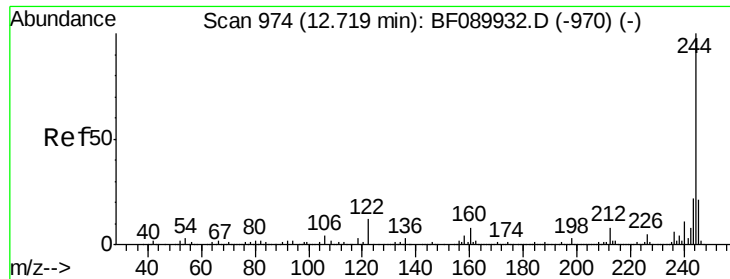
Delta R.T. 0.00 min

Lab File: BF089945.D

Acq: 31 Aug 2016 12:47

Tgt Ion:202 Resp: 181845
 Ion Ratio Lower Upper
 202 100
 200 20.2 17.6 26.4
 203 16.5 14.6 21.8





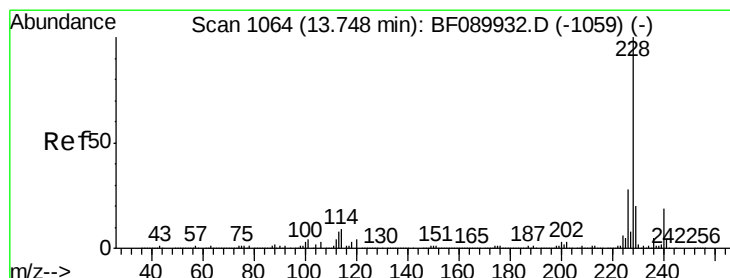
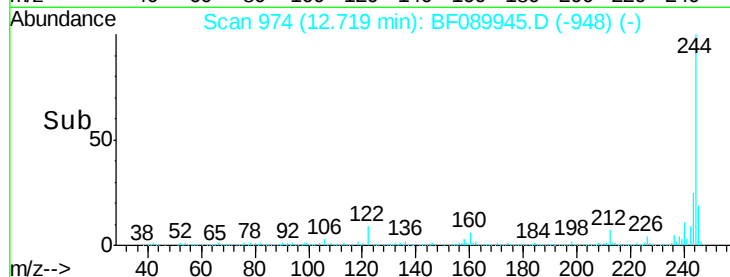
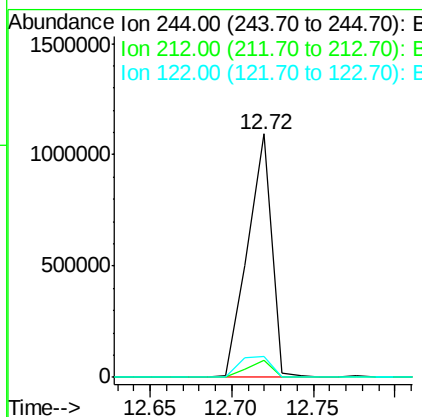
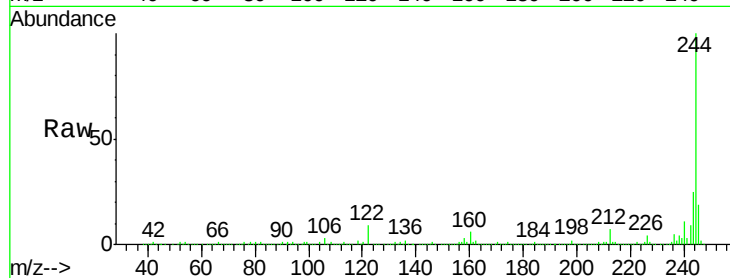
#78
 Terphenyl-d14
 Concen: 46.12 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF089945.D
 Acq: 31 Aug 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-003

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	8.6	9.6	14.4#

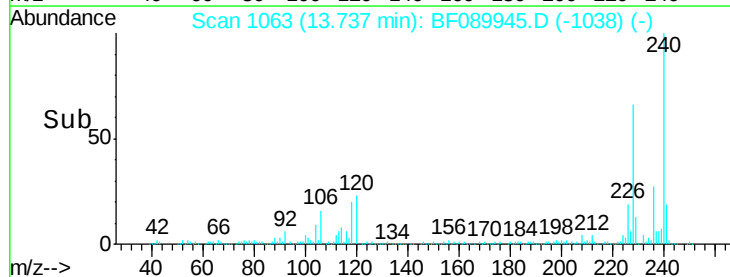
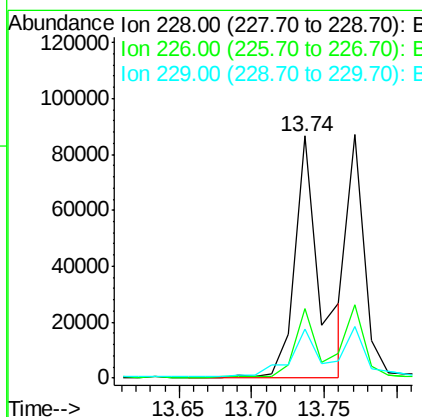
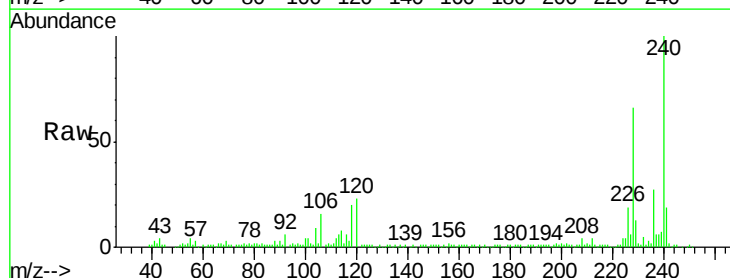
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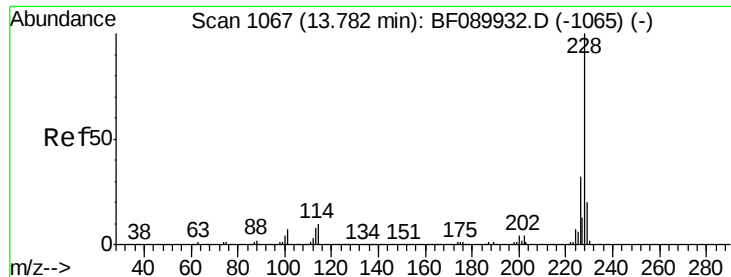
SOHIL
 9/1/2016 11:53:41 AM



#80
 Benzo(a)anthracene
 Concen: 2.81 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BF089945.D
 Acq: 31 Aug 2016 12:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.2	33.2
229	20.2	15.8	23.6





#82

Chrysene

Concen: 2.08 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF089945.D

Acq: 31 Aug 2016 12:47

Instrument :

BNA_F

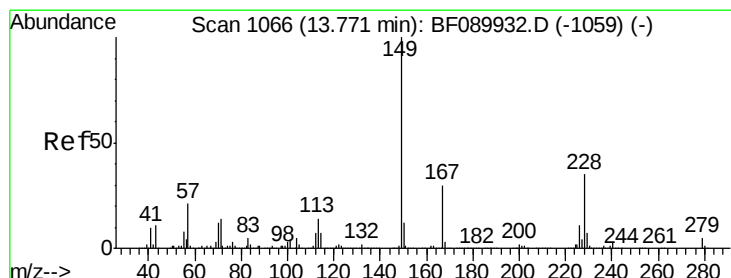
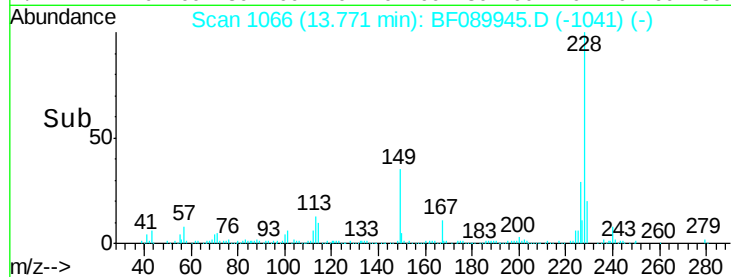
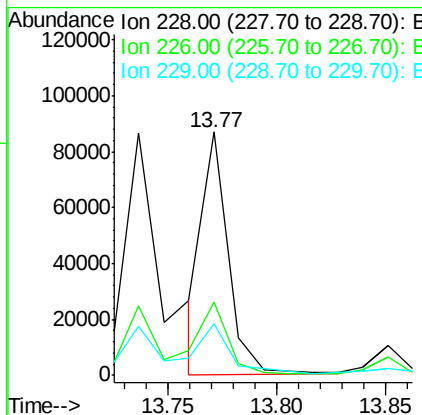
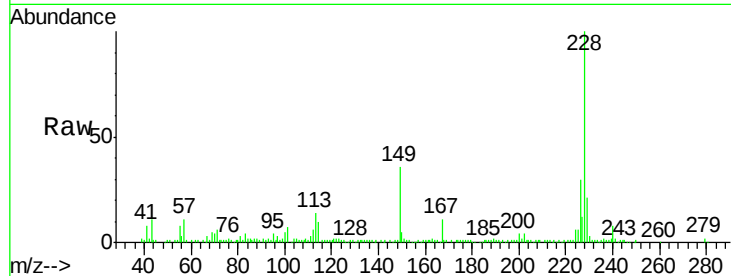
ClientSampleId :

NC-TS-003

Tgt Ion:	228	Resp:	71733
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.2	37.8
229	21.2	16.2	24.2

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9/1/2016 11:53:41 AM



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.13 ng

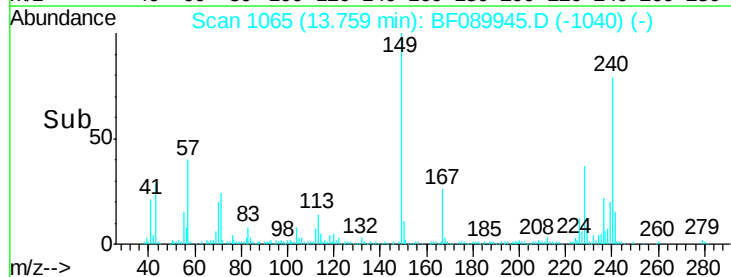
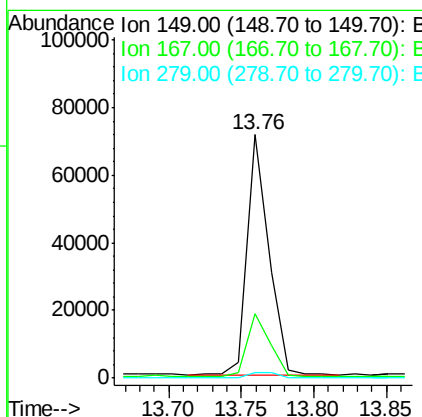
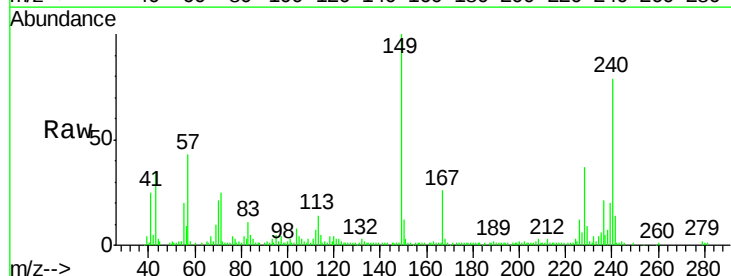
RT: 13.76 min Scan# 1065

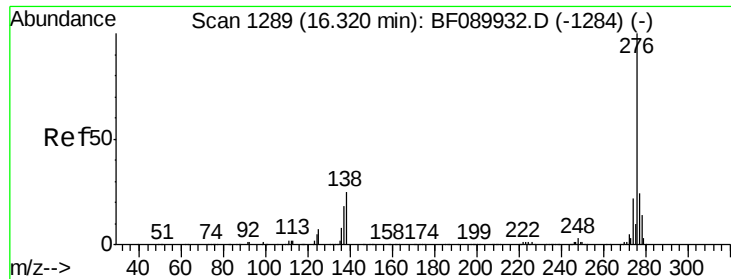
Delta R.T. -0.01 min

Lab File: BF089945.D

Acq: 31 Aug 2016 12:47

Tgt Ion:	149	Resp:	74155
Ion Ratio	Lower	Upper	
149	100		
167	26.5	23.6	35.4
279	2.5	3.4	5.2#





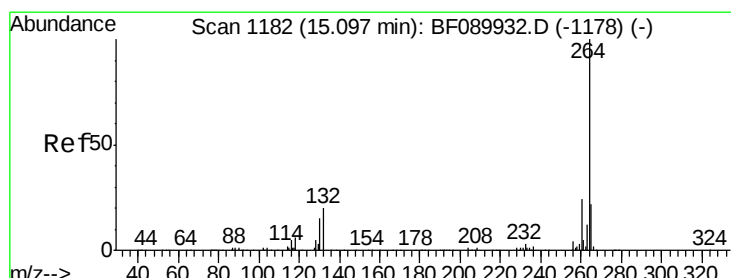
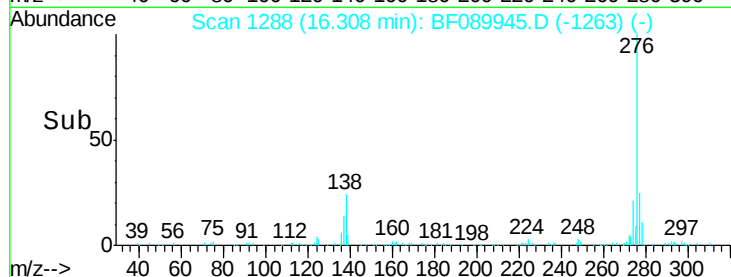
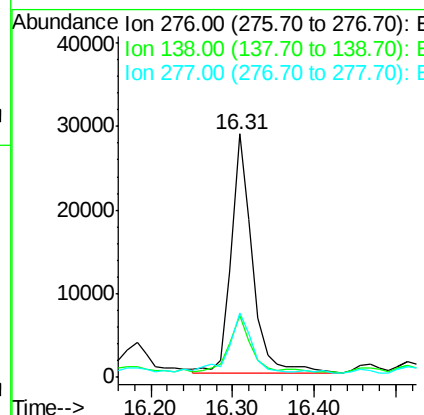
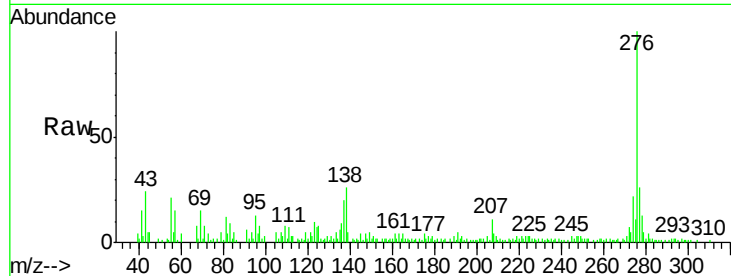
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.03 ng
RT: 16.31 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF089945.D
Acq: 31 Aug 2016 12:47

Instrument :
BNA_F
ClientSampleId :
NC-TS-003

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	22.6	34.0
277	27.3	20.1	30.1

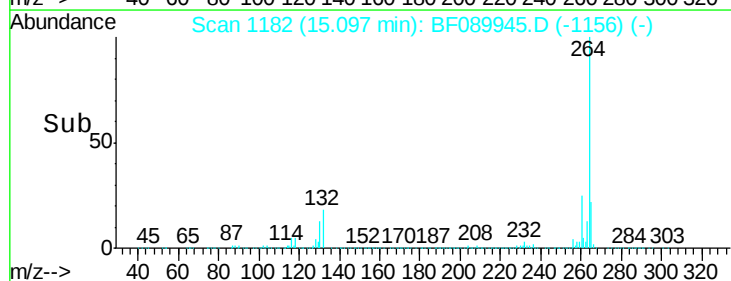
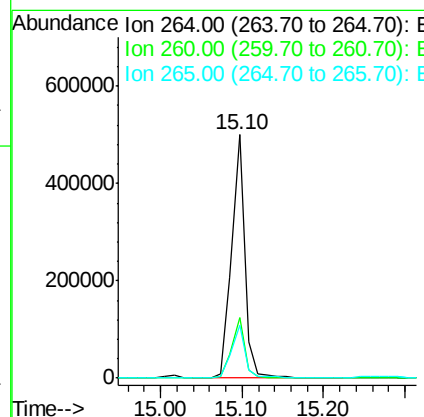
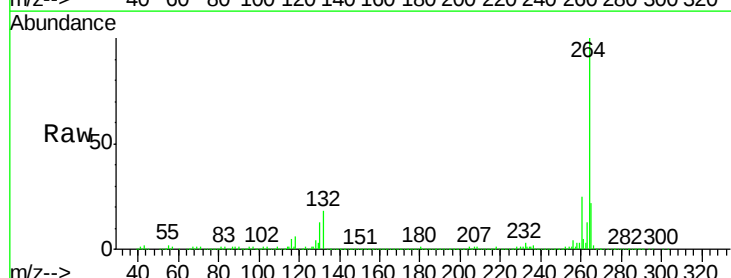
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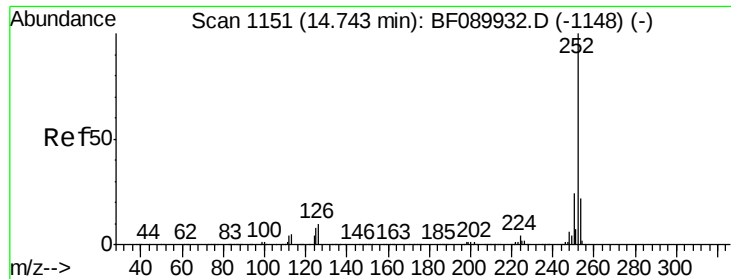
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9/1/2016 11:53:41 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF089945.D
Acq: 31 Aug 2016 12:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.0
265	21.7	17.4	26.2





#87

Benzo(b)fluoranthene

Concen: 2.94 ng m

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF089945.D

Acq: 31 Aug 2016 12:47

Instrument :

BNA_F

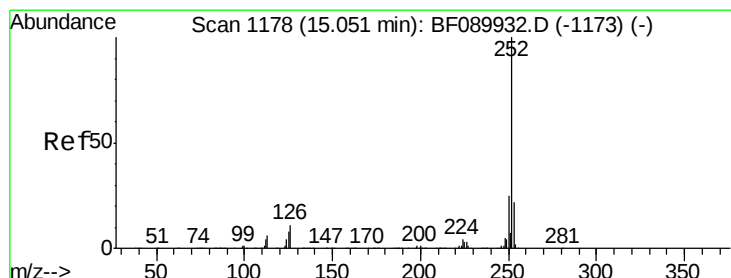
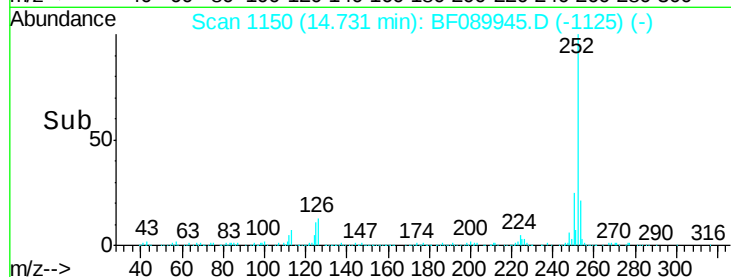
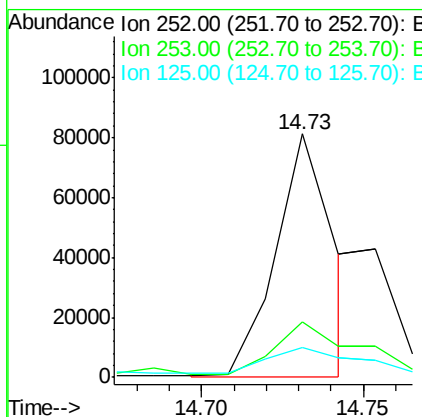
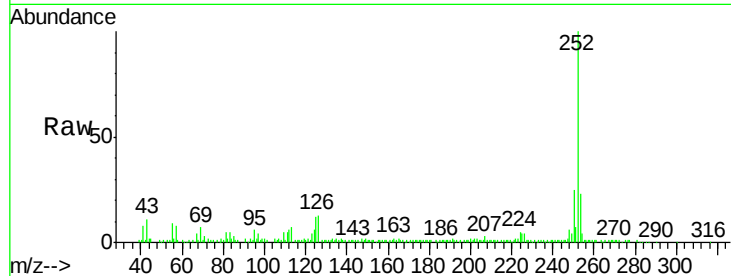
ClientSampled :

NC-TS-003

Tgt Ion:	252	Resp:	102749
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.0	27.0
125	12.2	5.7	8.5#

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#89

Benzo(a)pyrene

Concen: 2.36 ng

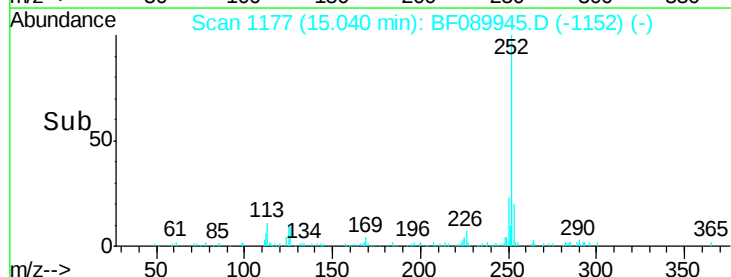
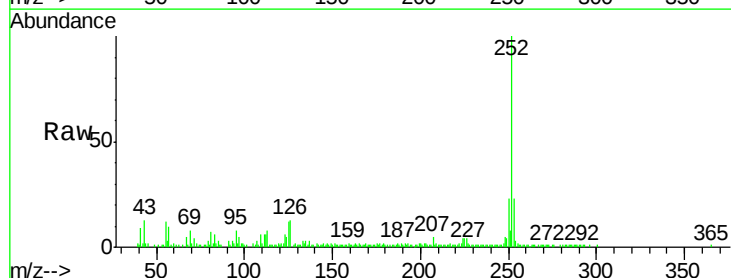
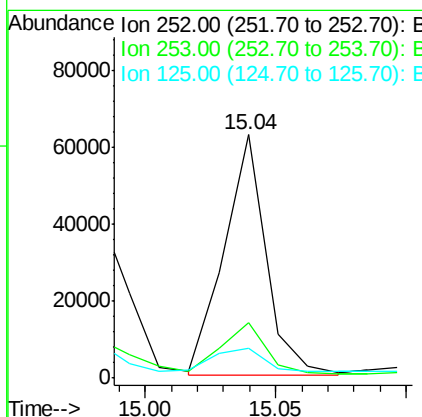
RT: 15.04 min Scan# 1177

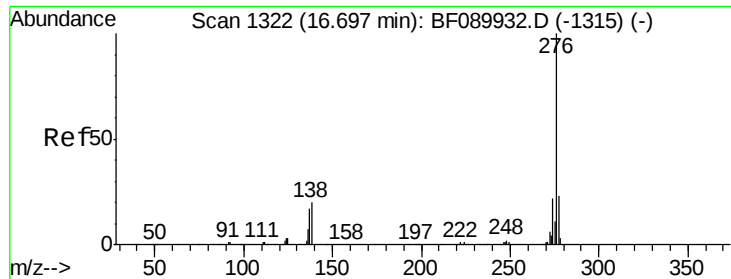
Delta R.T. -0.01 min

Lab File: BF089945.D

Acq: 31 Aug 2016 12:47

Tgt Ion:	252	Resp:	70592
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.5	26.3
125	12.2	6.3	9.5#





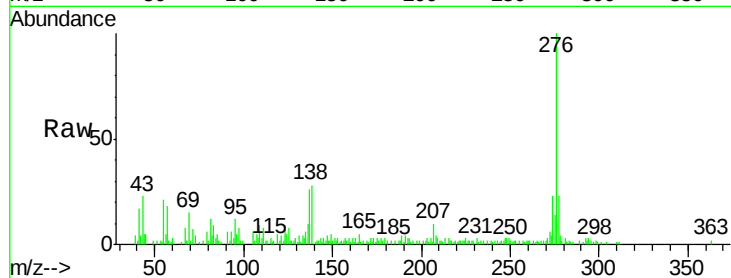
#91
 Benzo(g,h,i)perylene
 Concen: 2.19 ng
 RT: 16.67 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BF089945.D
 Acq: 31 Aug 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-003

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	27.6	16.4	24.6

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

