

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
 Data File : BF080037.D
 Acq On : 17 Jun 2015 22:27
 Operator : TP/IZ
 Sample : G2651-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-001

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Quant Time: Jun 18 01:19:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	48690	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	188410	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	93779	20.00	ng	0.00
63) Phenanthrene-d10	11.90	188	200188	20.00	ng	-0.01
75) Chrysene-d12	14.75	240	229394	20.00	ng	-0.11
86) Perylene-d12	16.56	264	225168	20.00	ng	-0.18

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.94	112	244919	89.04	ng	0.00
7) Phenol-d6	6.94	99	359827	98.31	ng	0.00
23) Nitrobenzene-d5	7.89	82	184830	57.11	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	92350	100.71	ng	-0.01
44) 2-Fluorobiphenyl	9.70	172	435117	66.17	ng	0.00
78) Terphenyl-d14	13.53	244	542236	55.21	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	10.09	163	37315	5.29	ng	# 98
74) Fluoranthene	13.14	202	59116	4.58	ng	96
77) Pyrene	13.40	202	58717	4.16	ng	98
80) Benzo(a)anthracene	14.73	228	36127	2.59	ng	92
82) Chrysene	14.78	228	45189m	3.51	ng	
85) Indeno(1,2,3-cd)pyrene	18.40	276	33832	2.08	ng	# 76
87) Benzo(b)fluoranthene	16.03	252	66922m	4.91	ng	
89) Benzo(a)pyrene	16.48	252	42474m	3.28	ng	
91) Benzo(g,h,i)perylene	18.96	276	39729	2.97	ng	# 77

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

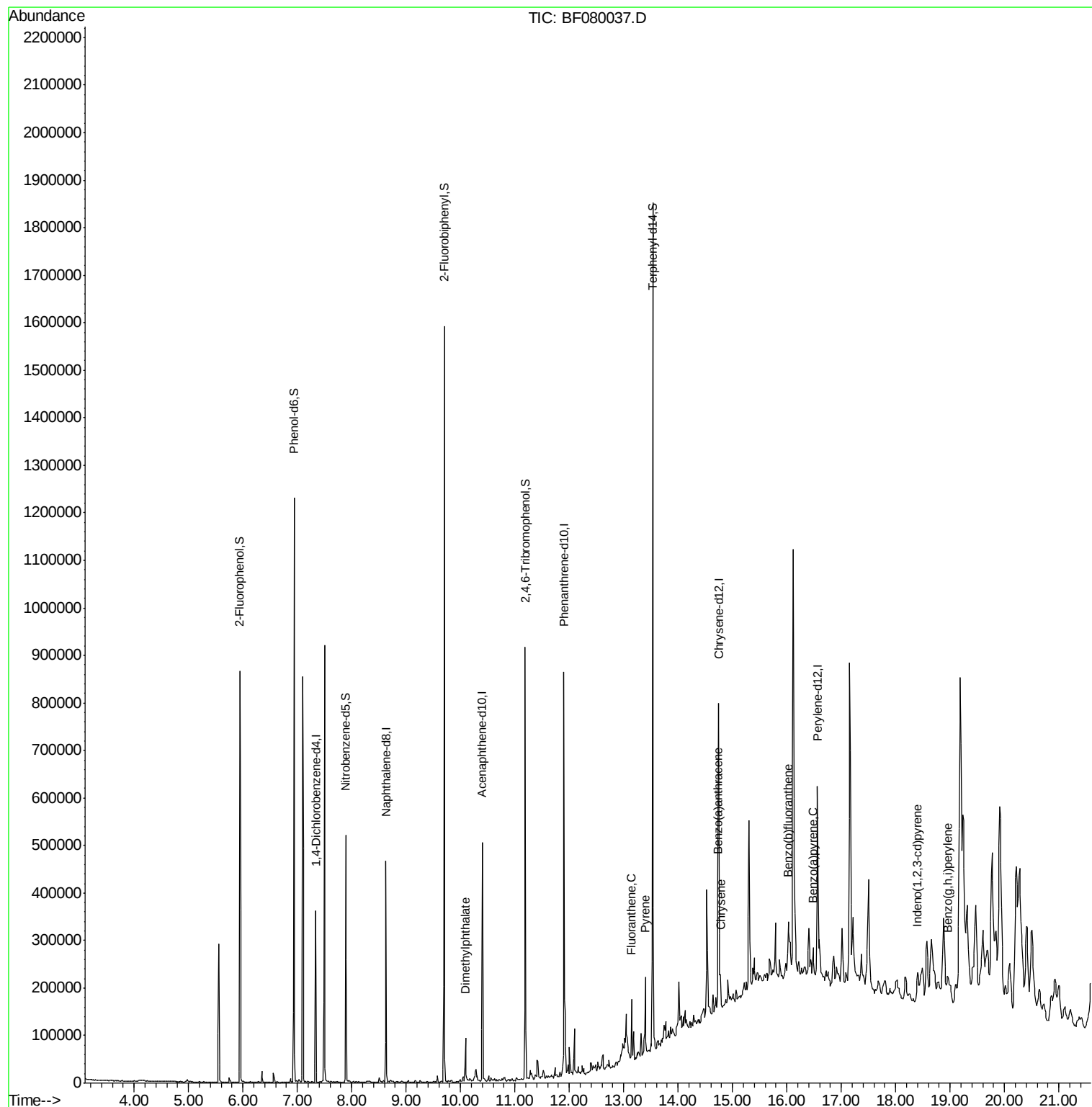
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
Data File : BF080037.D
Acq On : 17 Jun 2015 22:27
Operator : TP/IZ
Sample : G2651-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

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Quant Time: Jun 18 01:19:16 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration





#1

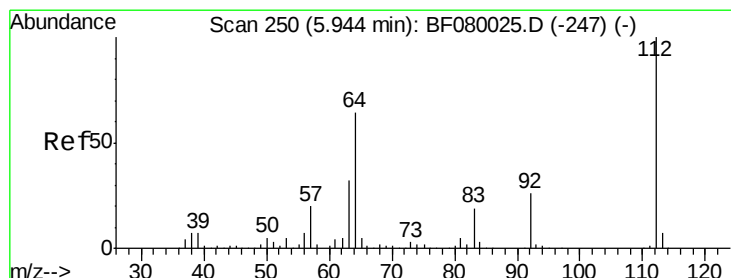
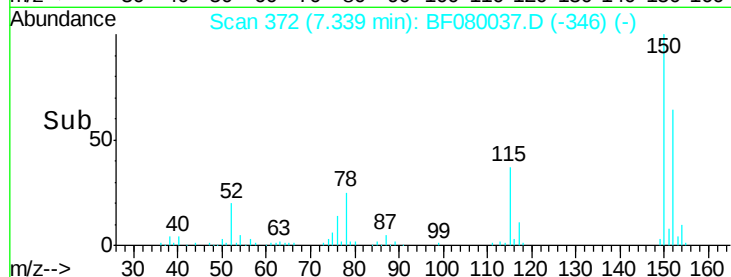
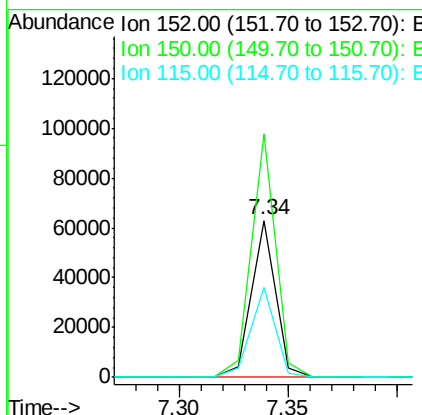
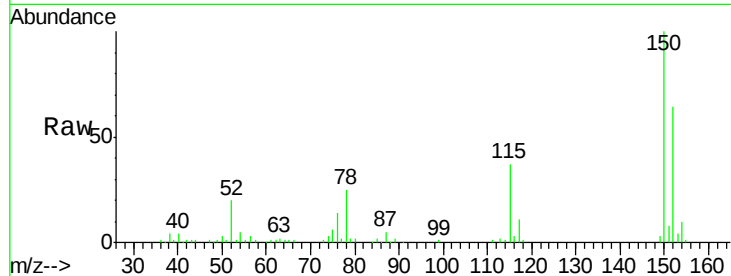
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.34 min Scan# 372
Delta R.T. 0.00 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.7	187.1
115	57.7	39.0	58.4

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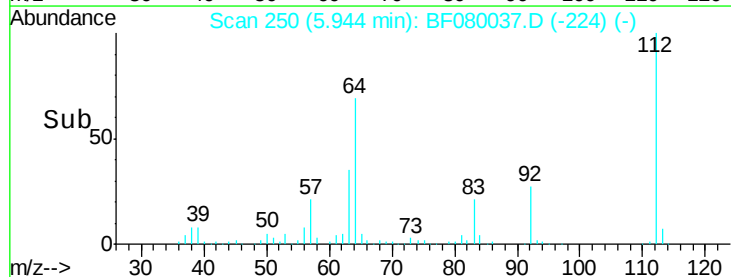
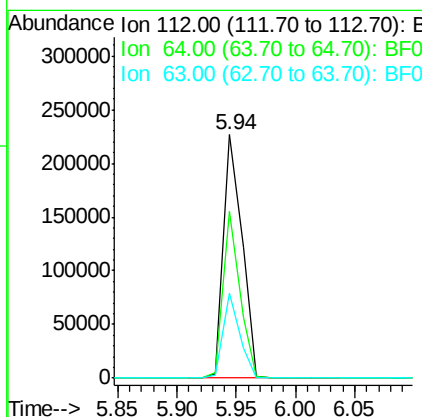
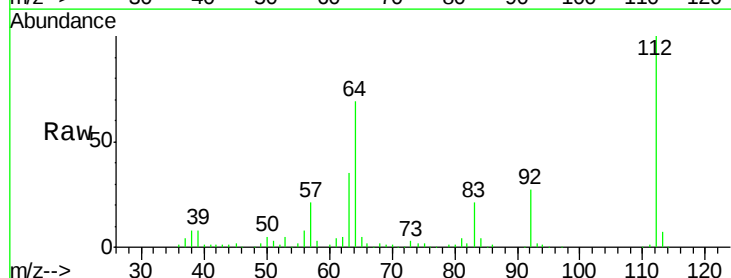
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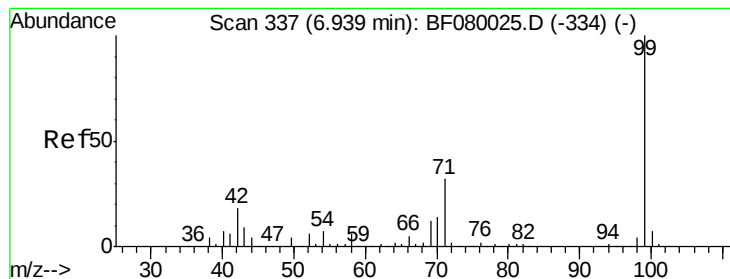


#5

2-Fluorophenol
Concen: 89.04 ng
RT: 5.94 min Scan# 250
Delta R.T. 0.00 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	39.7	59.5#
63	35.1	17.4	26.0#





#7

Phenol-d6

Concen: 98.31 ng

RT: 6.94 min Scan# 337

Delta R.T. 0.00 min

Lab File: BF080037.D

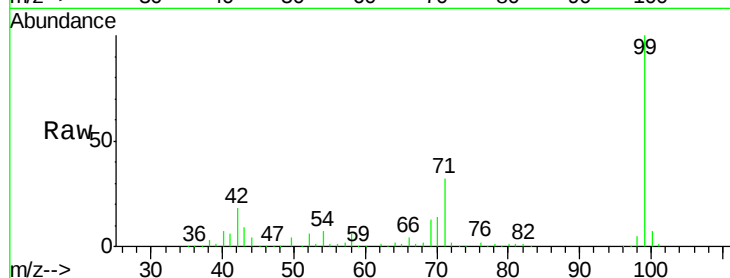
Acq: 17 Jun 2015 22:27

Instrument :

BNA_F

ClientSampleId :

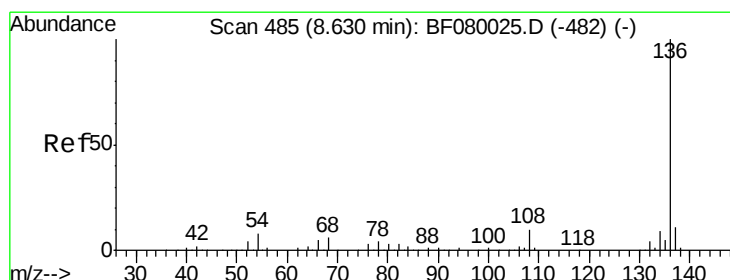
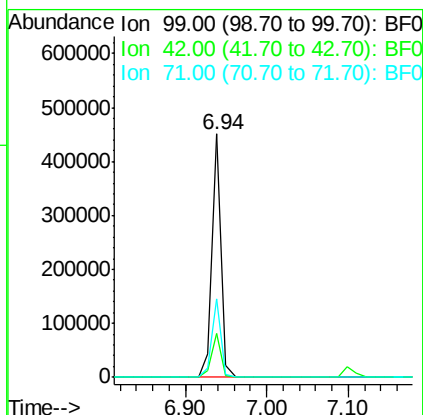
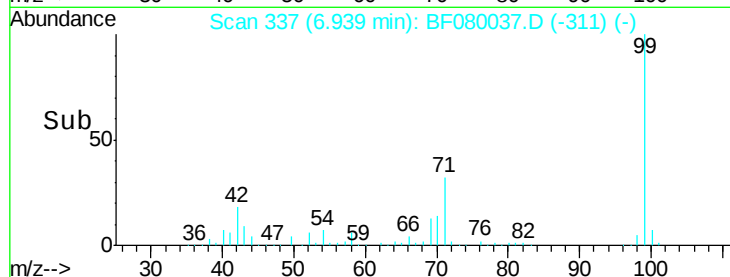
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Tgt Ion:	99	Resp:	359827
Ion Ratio	Lower	Upper	
99	100		
42	18.2	13.7	20.5
71	32.1	14.2	21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

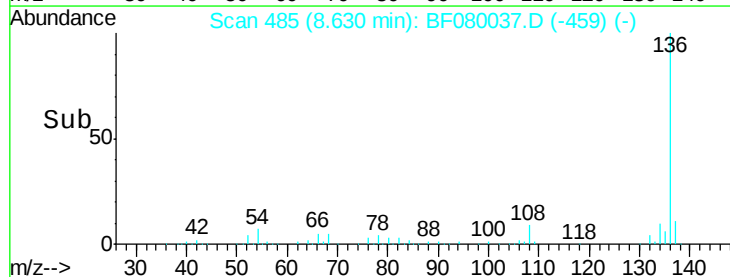
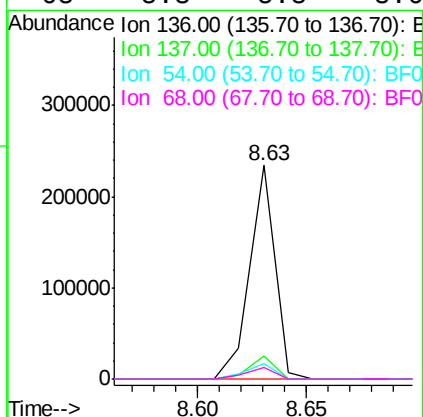
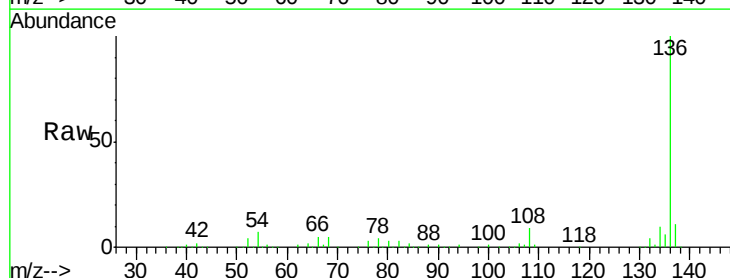
RT: 8.63 min Scan# 485

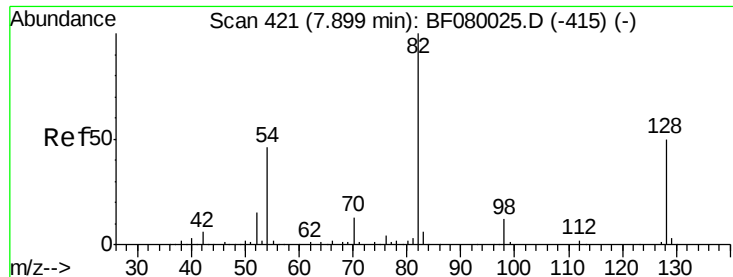
Delta R.T. 0.00 min

Lab File: BF080037.D

Acq: 17 Jun 2015 22:27

Tgt Ion:	136	Resp:	188410
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.6
54	7.2	8.2	12.2#
68	5.3	5.8	8.6#





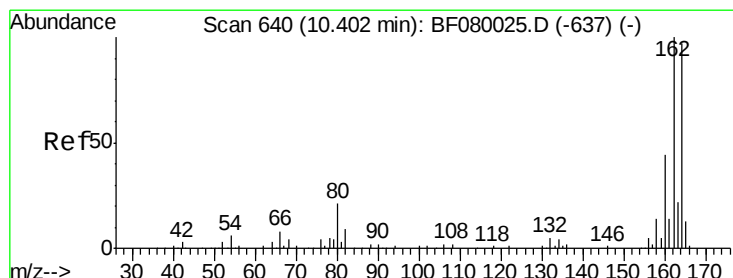
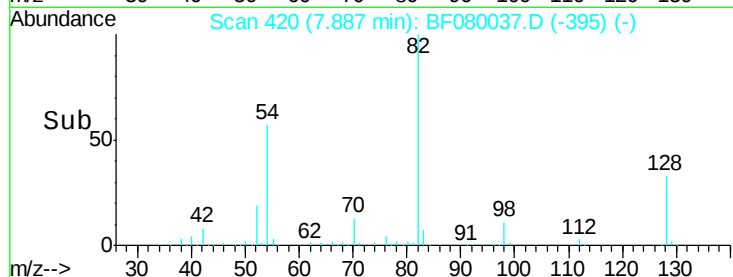
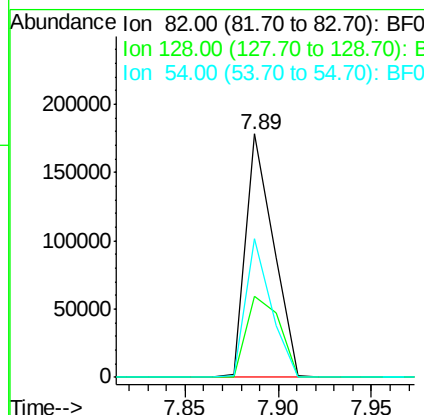
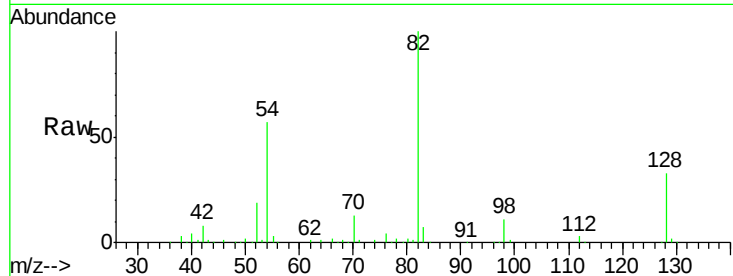
#23
Nitrobenzene-d5
Concen: 57.11 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.3	51.0	76.6#
54	57.2	47.5	71.3

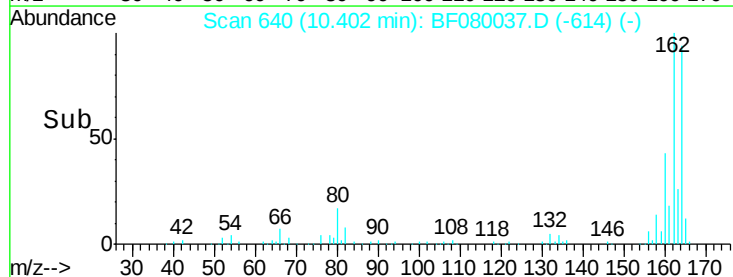
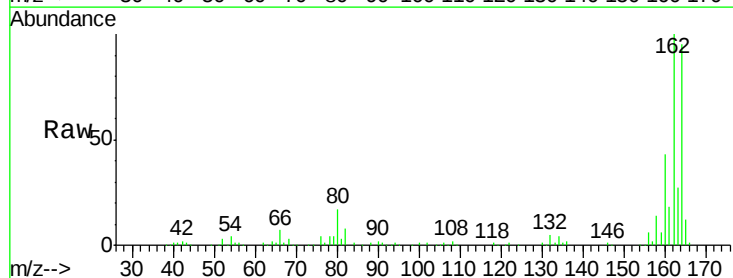
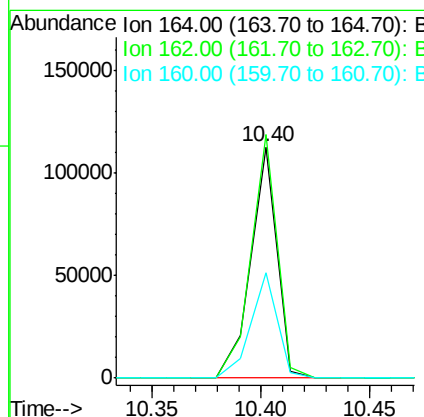
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.40 min Scan# 640
Delta R.T. 0.00 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	75.2	112.8
160	45.5	31.5	47.3





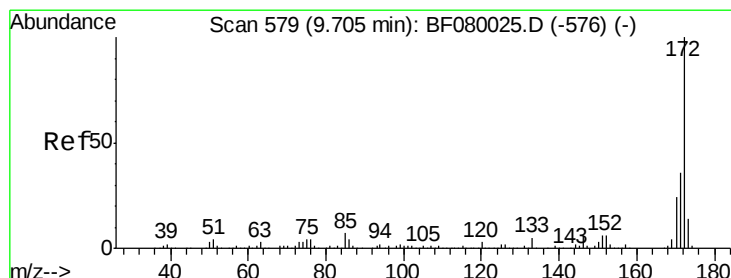
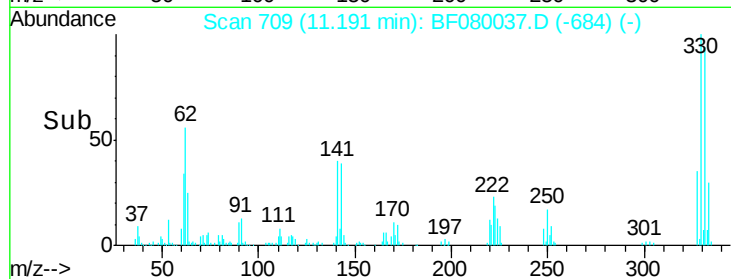
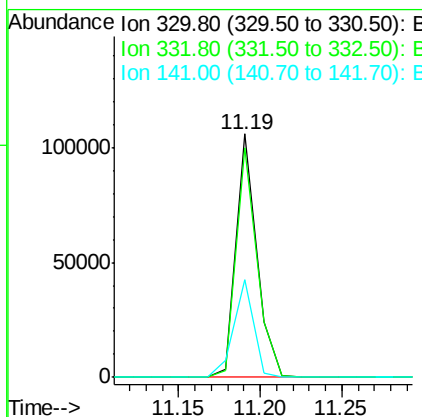
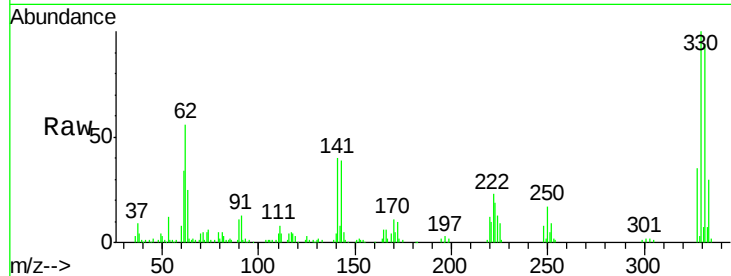
#41
 2,4,6-Tribromophenol
 Concen: 100.71 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080037.D
 Acq: 17 Jun 2015 22:27

Instrument :
 BNA_F
 ClientSampled :
 NC-TS-001

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	92350		
332	95.1	76.6	114.8	
141	38.5	29.7	44.5	

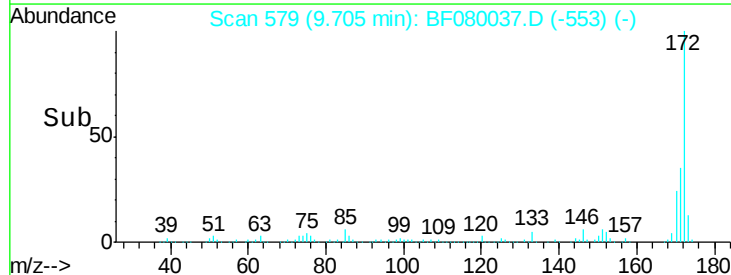
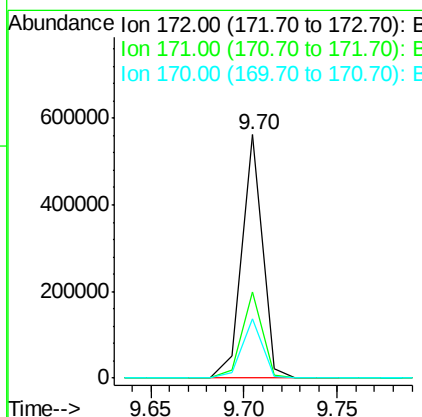
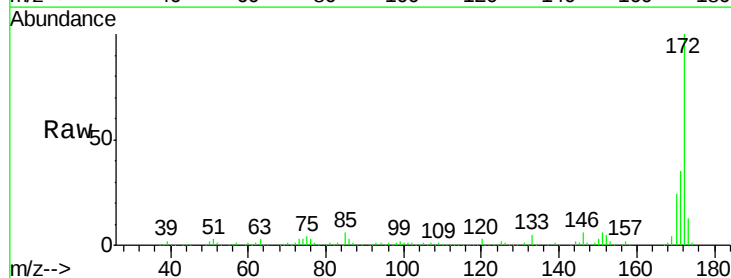
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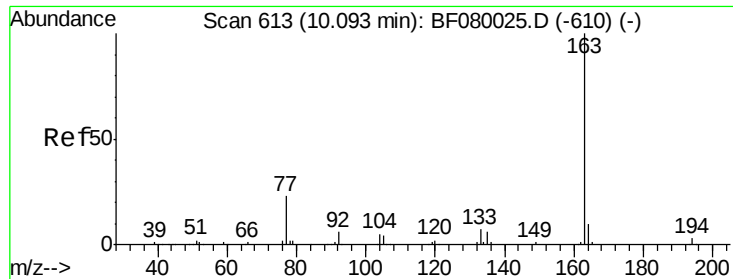
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#44
 2-Fluorobiphenyl
 Concen: 66.17 ng
 RT: 9.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF080037.D
 Acq: 17 Jun 2015 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	435117		
171	35.3	26.1	39.1	
170	24.3	17.4	26.2	





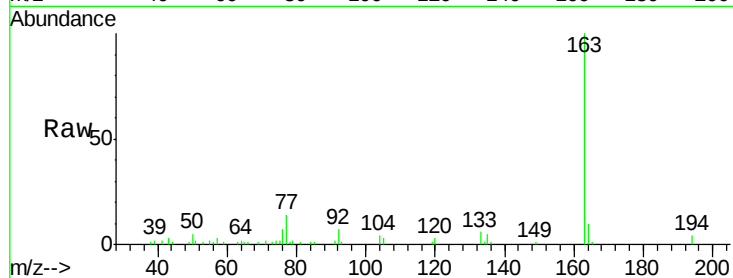
#49
Dimethylphthalate
Concen: 5.29 ng
RT: 10.09 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

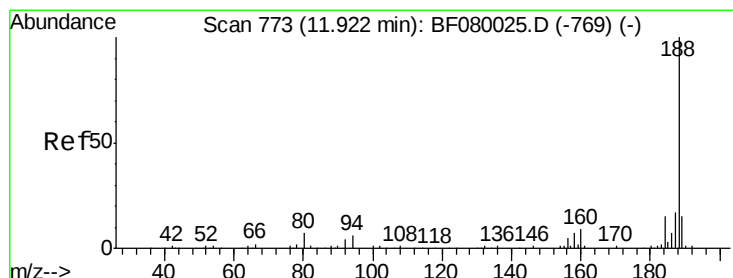
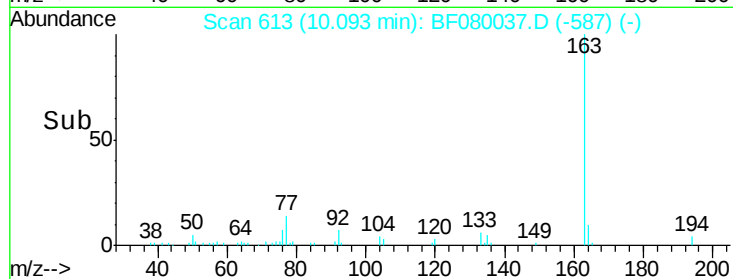
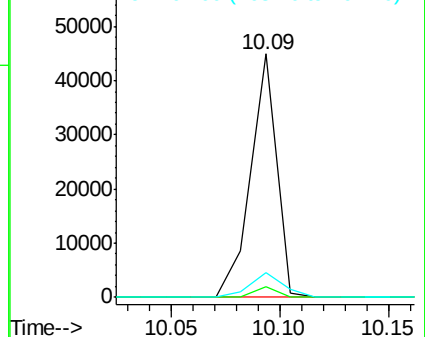
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.3	4.4	6.6#
164	10.0	8.3	12.5

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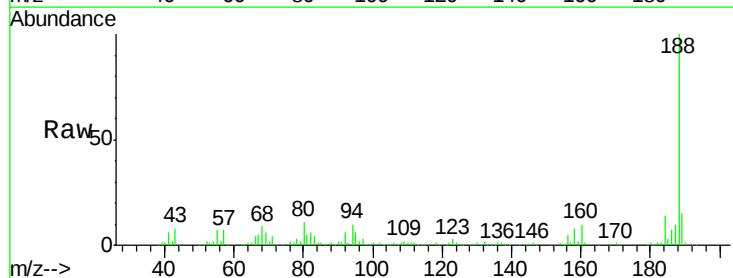


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

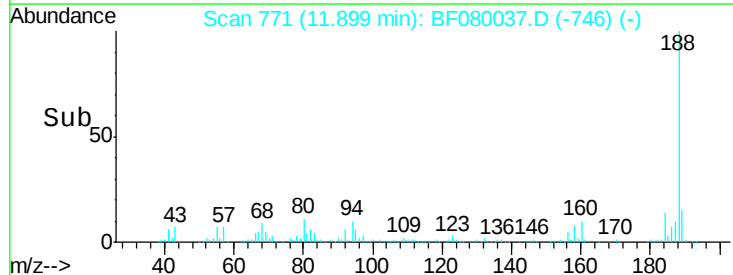
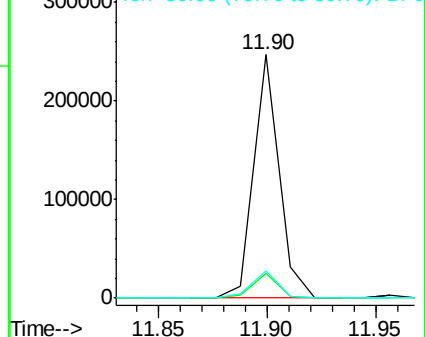


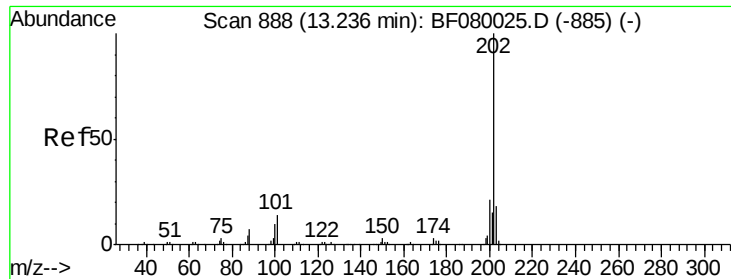
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.3	11.1	16.7#
80	11.2	11.0	16.4



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 4.58 ng

RT: 13.14 min Scan# 880

Delta R.T. -0.05 min

Lab File: BF080037.D

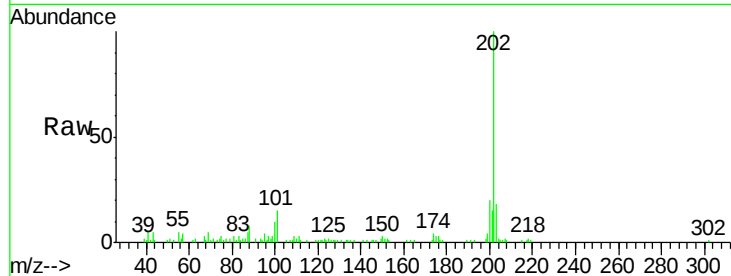
Acq: 17 Jun 2015 22:27

Instrument :

BNA_F

ClientSampleId :

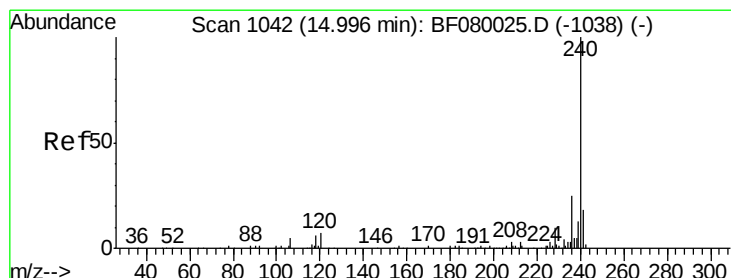
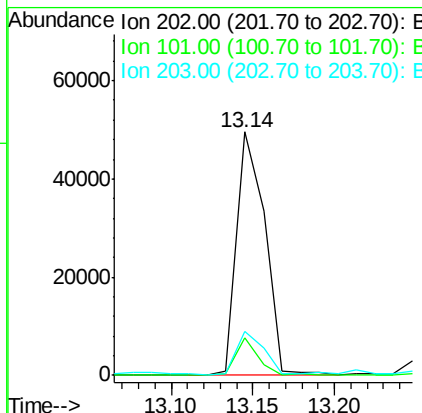
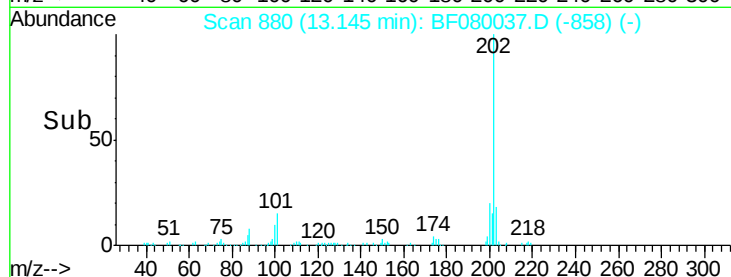
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	59116		
101	15.3	0.0	38.3	
203	18.1	0.0	37.3	

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#75

Chrysene-d12

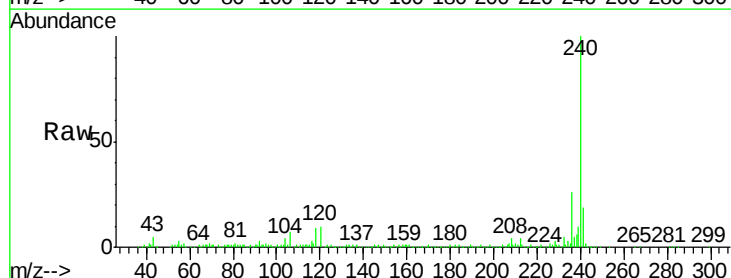
Concen: 20.00 ng

RT: 14.75 min Scan# 1020

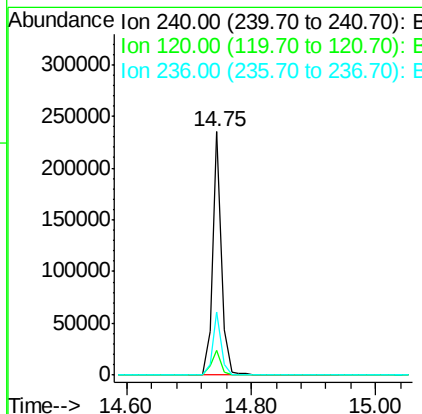
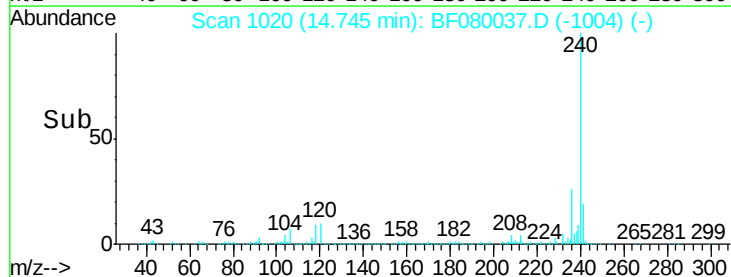
Delta R.T. -0.11 min

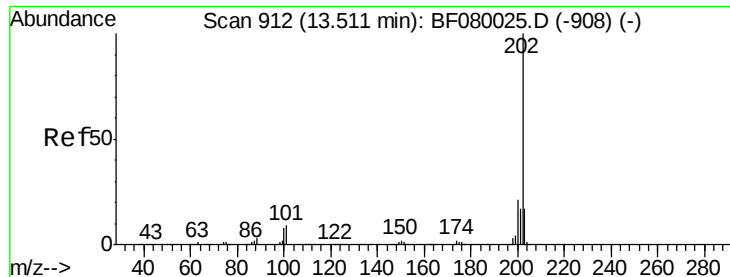
Lab File: BF080037.D

Acq: 17 Jun 2015 22:27



Tgt Ion	Ratio	Resp	Lower	Upper
240	100	229394		
120	9.9	16.2	24.2#	
236	26.1	18.4	27.6	





#77

Pyrene

Concen: 4.16 ng

RT: 13.40 min Scan# 902

Delta R.T. -0.05 min

Lab File: BF080037.D

Acq: 17 Jun 2015 22:27

Instrument :

BNA_F

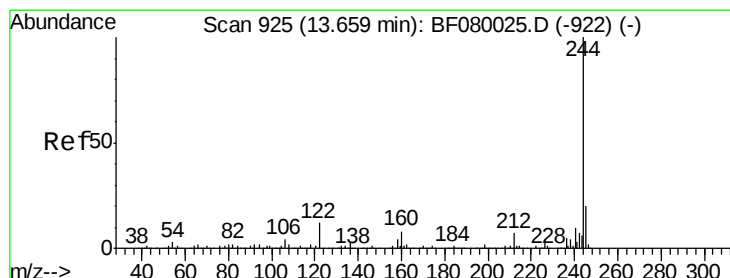
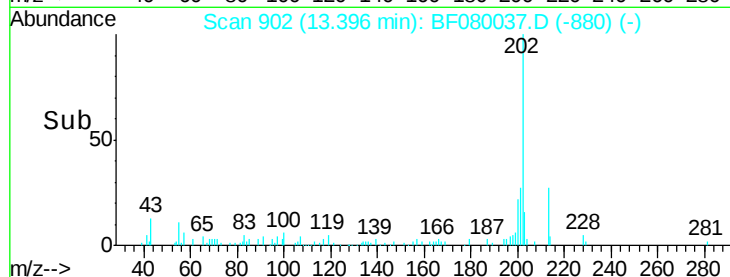
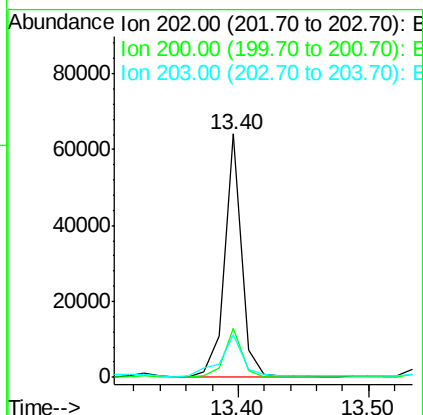
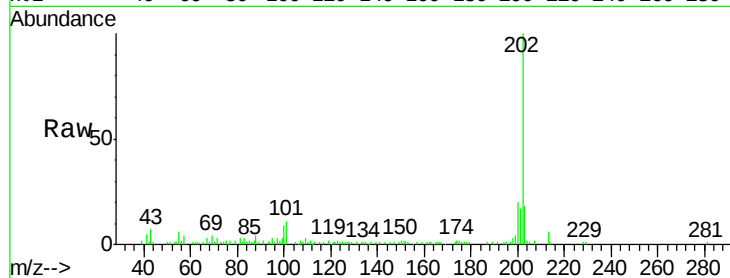
ClientSampleId :

NC-TS-001

Tgt Ion:	202	Resp:	58717
Ion Ratio	Lower	Upper	
202	100		
200	20.3	15.0	22.4
203	17.6	14.1	21.1

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#78

Terphenyl-d14

Concen: 55.21 ng

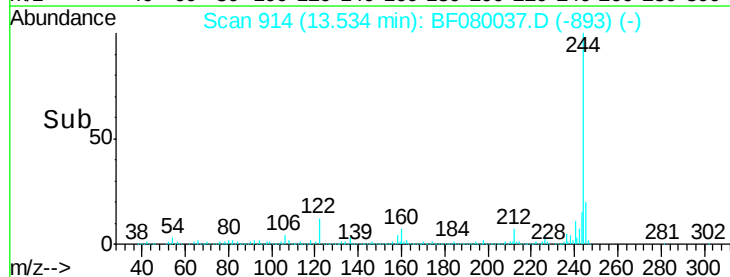
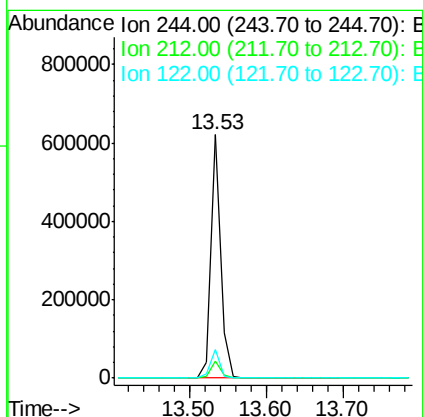
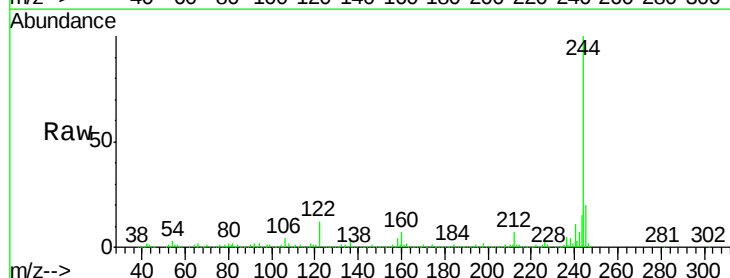
RT: 13.53 min Scan# 914

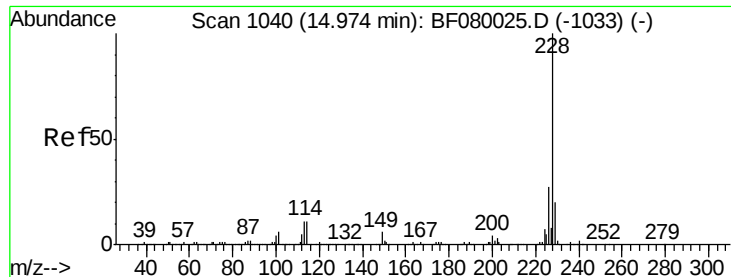
Delta R.T. -0.06 min

Lab File: BF080037.D

Acq: 17 Jun 2015 22:27

Tgt Ion:	244	Resp:	542236
Ion Ratio	Lower	Upper	
244	100		
212	7.2	4.3	6.5#
122	11.9	17.4	26.2#





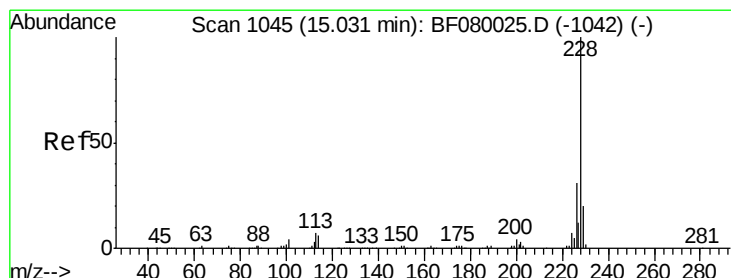
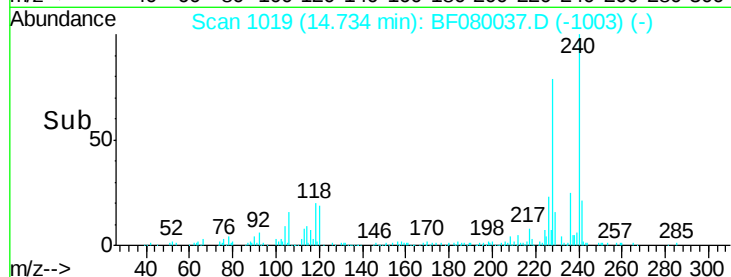
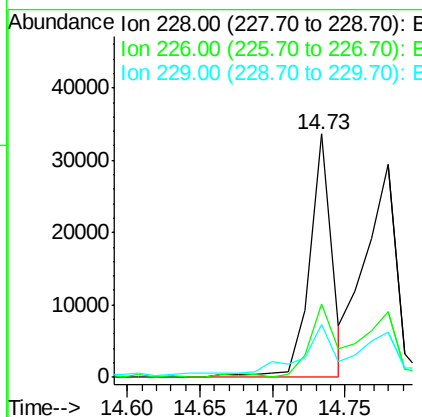
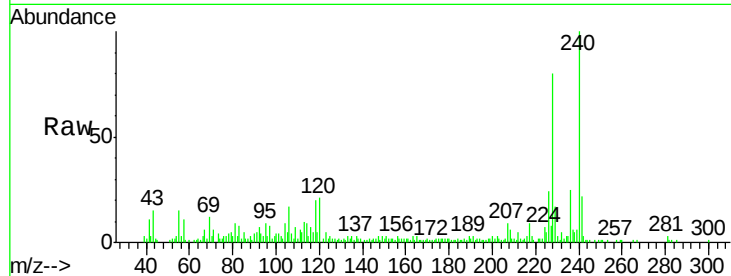
#80
Benzo(a)anthracene
Concen: 2.59 ng
RT: 14.73 min Scan# 1019
Delta R.T. -0.11 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	20.0	30.0
229	21.5	15.4	23.2

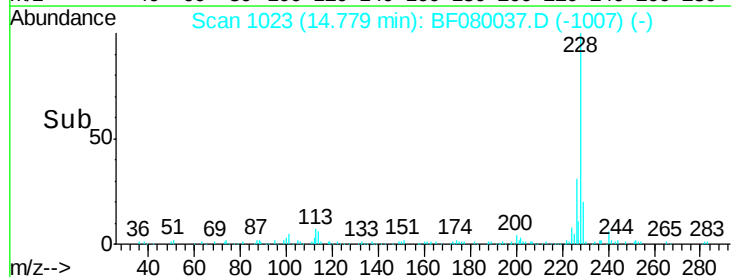
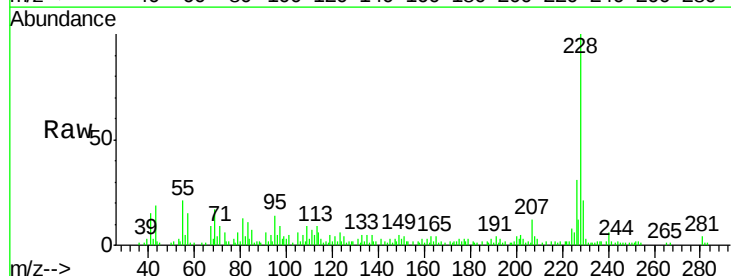
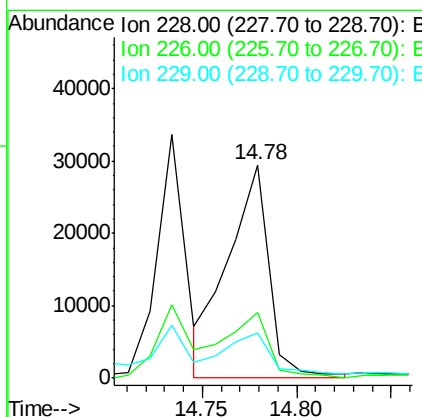
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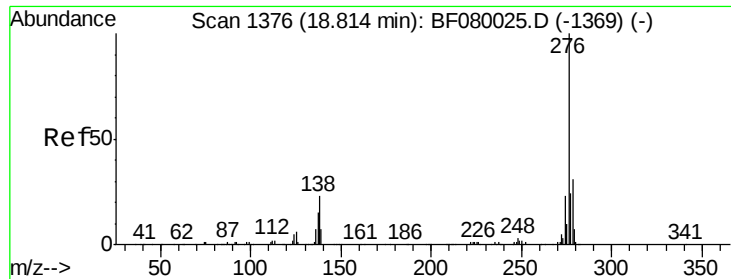
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#82
Chrysene
Concen: 3.51 ng m
RT: 14.78 min Scan# 1023
Delta R.T. -0.11 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.0	31.4
229	21.2	15.6	23.4





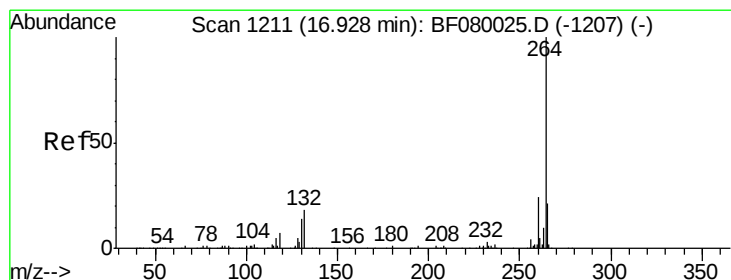
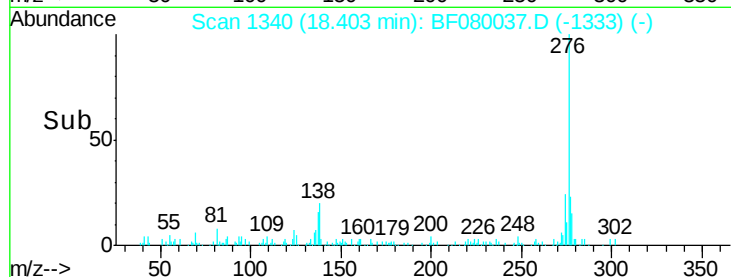
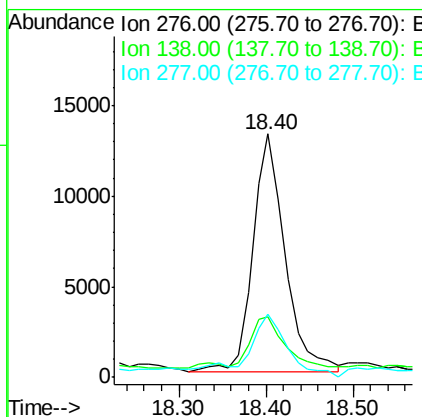
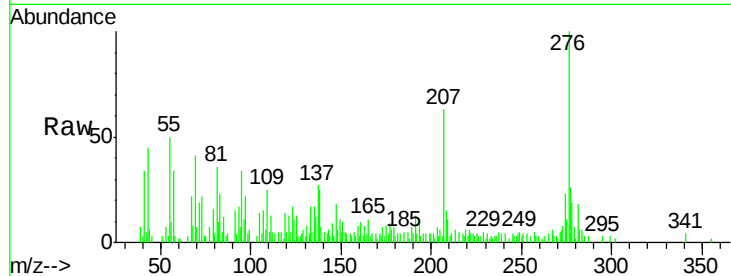
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.08 ng
 RT: 18.40 min Scan# 1340
 Delta R.T. -0.22 min
 Lab File: BF080037.D
 Acq: 17 Jun 2015 22:27

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-001

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	25.7	38.5#
277	34.3	15.6	23.4#

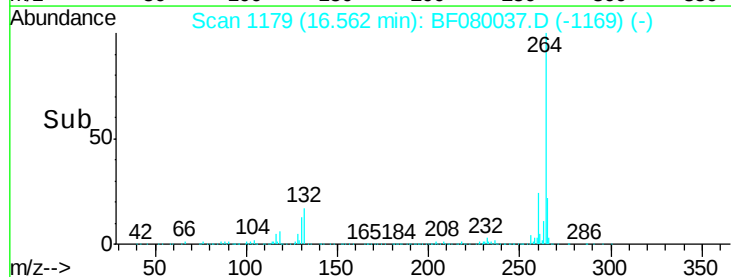
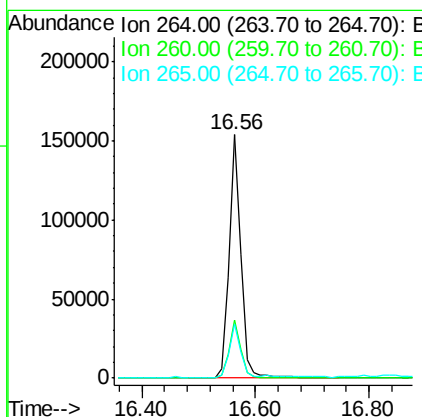
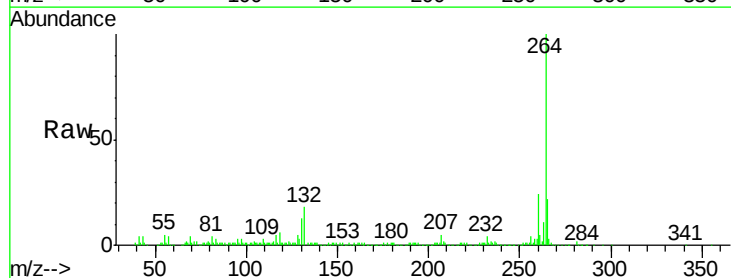
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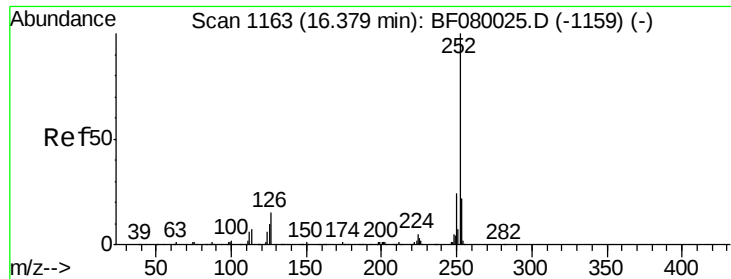
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.56 min Scan# 1179
 Delta R.T. -0.18 min
 Lab File: BF080037.D
 Acq: 17 Jun 2015 22:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	22.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 4.91 ng m

RT: 16.03 min Scan# 1132

Delta R.T. -0.18 min

Lab File: BF080037.D

Acq: 17 Jun 2015 22:27

Instrument :

BNA_F

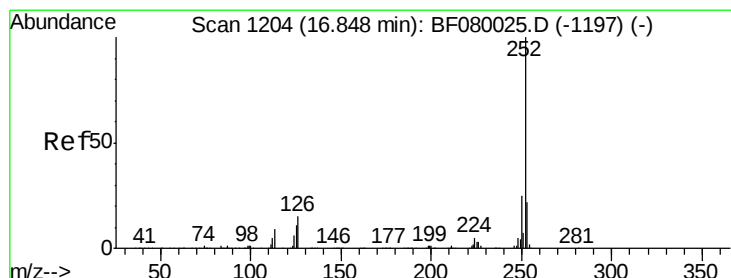
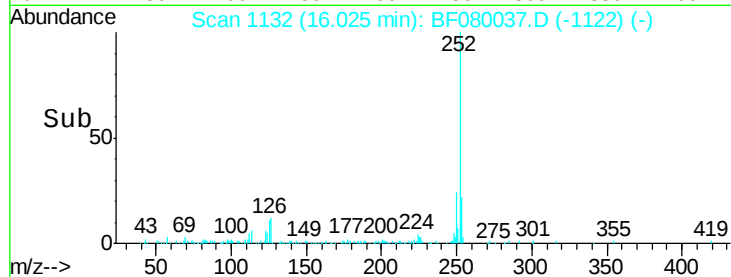
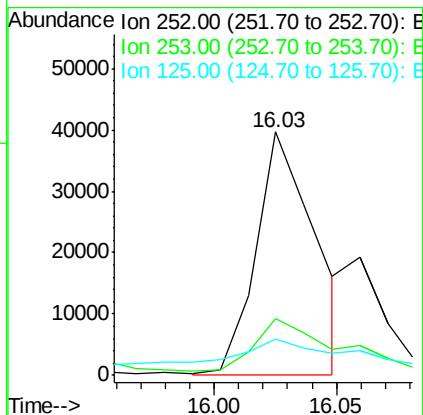
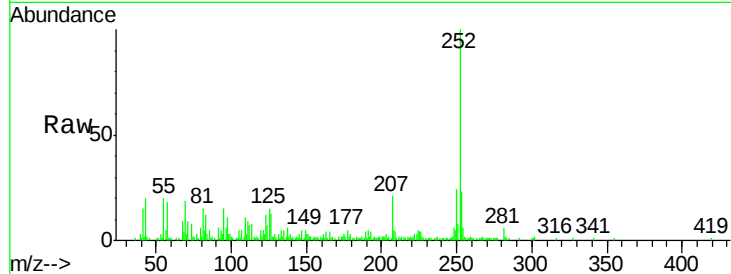
ClientSampled :

NC-TS-001

Tgt Ion:	252	Resp:	66922
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.5	26.3
125	14.7	17.1	25.7

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 3.28 ng m

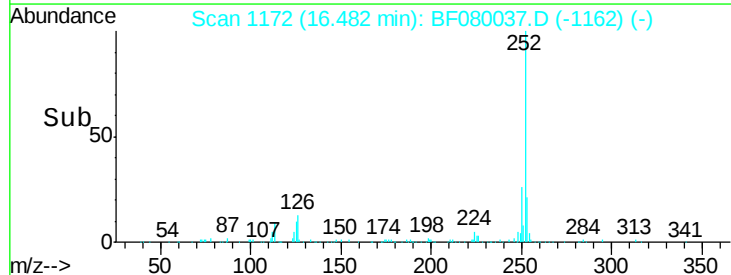
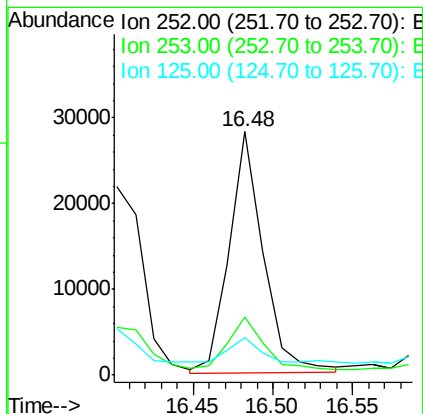
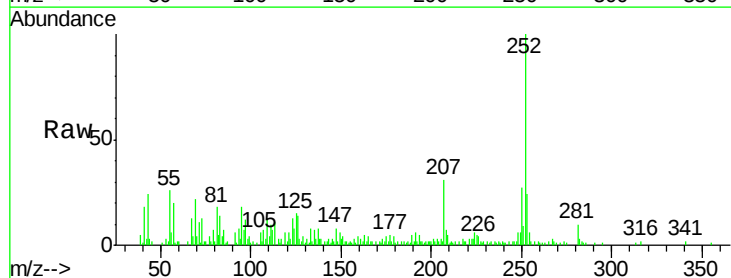
RT: 16.48 min Scan# 1172

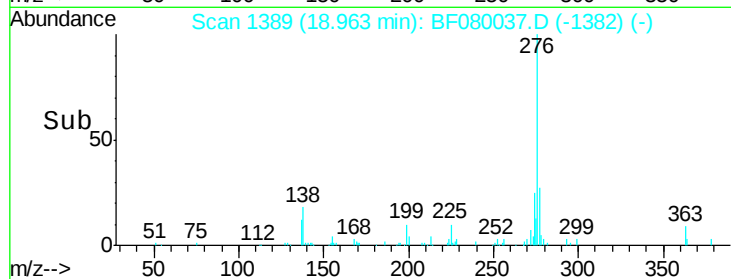
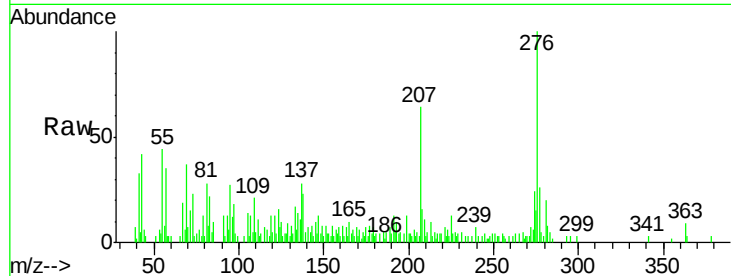
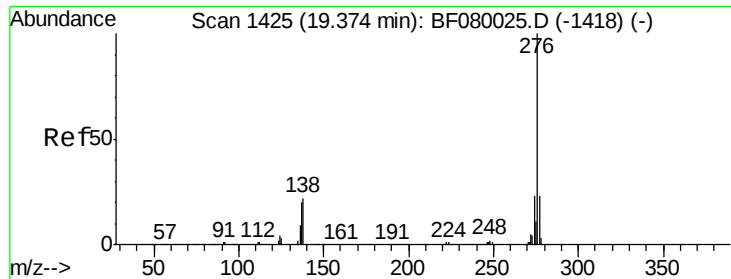
Delta R.T. -0.18 min

Lab File: BF080037.D

Acq: 17 Jun 2015 22:27

Tgt Ion:	252	Resp:	42474
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.2	25.8
125	15.3	18.0	27.0





#91
Benzo(g,h,i)perylene
Concen: 2.97 ng
RT: 18.96 min Scan# 1389
Delta R.T. -0.22 min
Lab File: BF080037.D
Acq: 17 Jun 2015 22:27

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.3	17.8	26.6
138	23.4	34.6	51.8#

Manual Integrations
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