

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082487.D
 Acq On : 24 Oct 2015 1:41
 Operator : UM/IZ
 Sample : G4142-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-001

Manual Integrations
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Quant Time: Oct 24 06:41:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 24 04:47:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	98470	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	381915	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	177731	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	318103	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	246948	20.00	ng	-0.01
86) Perylene-d12	15.42	264	208663	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	784863	160.86	ng	0.01
7) Phenol-d6	6.41	99	1049243	165.25	ng	0.00
23) Nitrobenzene-d5	7.33	82	567401	99.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	199644	119.78	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1187270	110.78	ng	-0.01
78) Terphenyl-d14	12.88	244	1006333	107.99	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.52	163	258864	20.68	ng	99
74) Fluoranthene	12.50	202	37146	2.22	ng	96
77) Pyrene	12.73	202	42589	2.91	ng	98
87) Benzo(b)fluoranthene	15.02	252	28563m	2.25	ng	

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

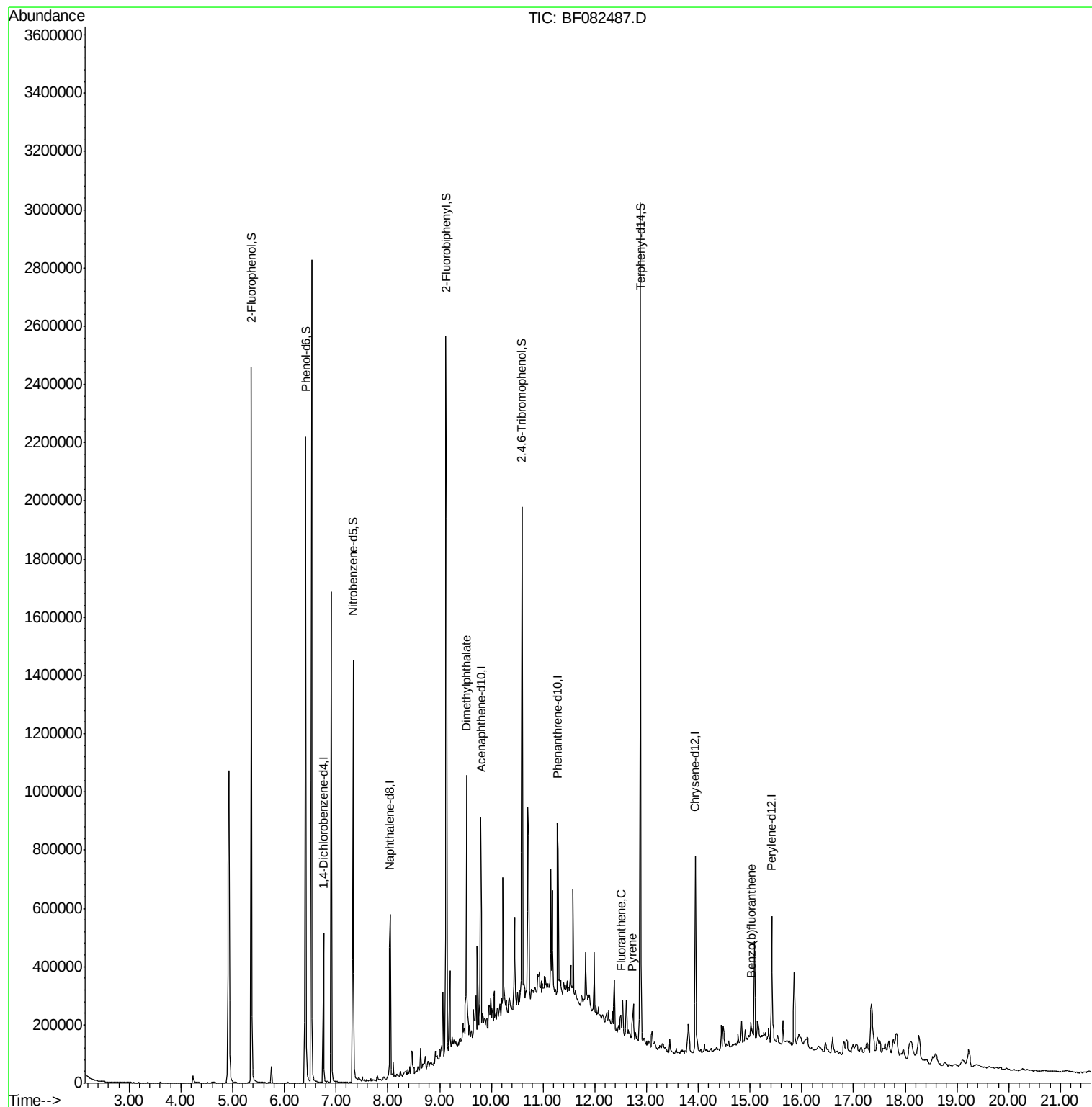
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082487.D
Acq On : 24 Oct 2015 1:41
Operator : UM/IZ
Sample : G4142-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

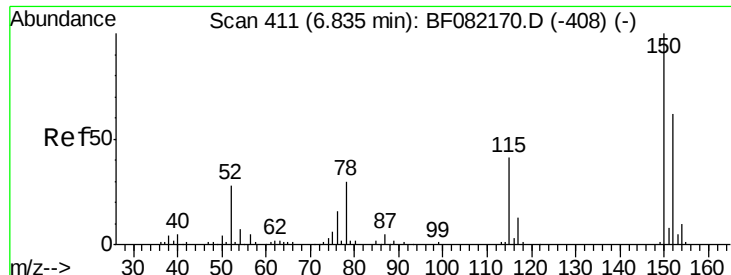
Instrument :
BNA_F
ClientSampleId :
NC-001

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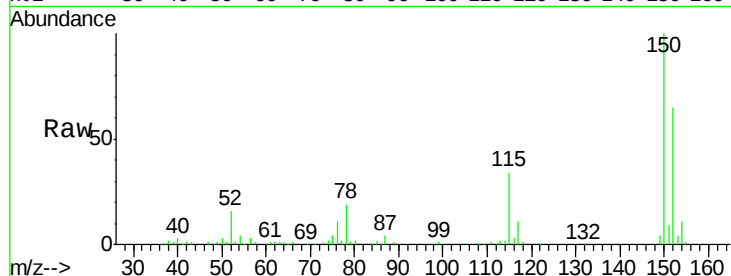
Quant Time: Oct 24 06:41:45 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 24 04:47:19 2015
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF082487.D
 Acq: 24 Oct 2015 1:41

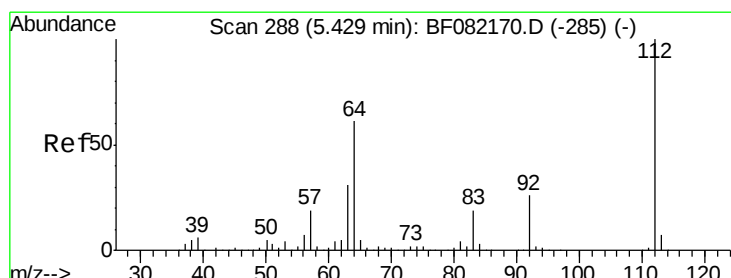
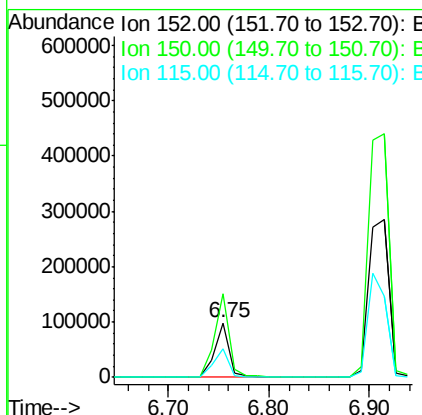
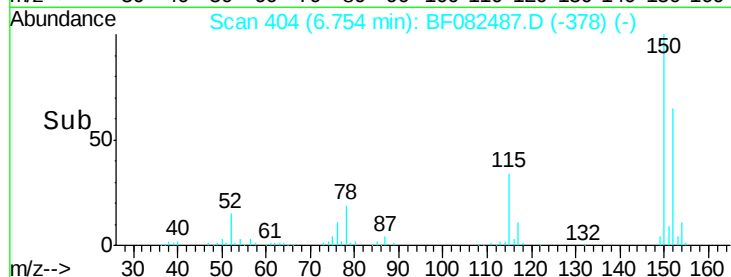
Instrument :
 BNA_F
 ClientSampled :
 NC-001



Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.2	129.0	193.4
115	52.5	52.1	78.1

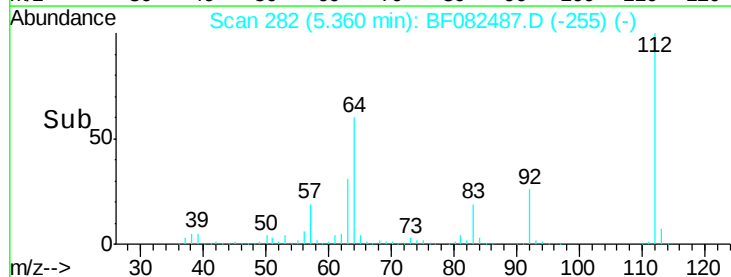
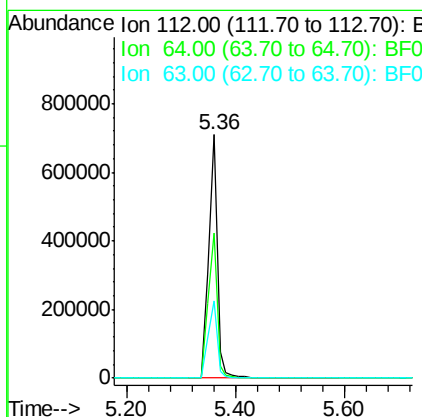
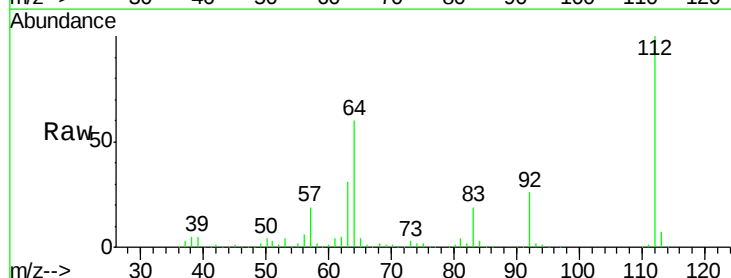
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#5
 2-Fluorophenol
 Concen: 160.86 ng
 RT: 5.36 min Scan# 282
 Delta R.T. 0.01 min
 Lab File: BF082487.D
 Acq: 24 Oct 2015 1:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	48.6	73.0
63	31.5	25.1	37.7





#7

Phenol-d6

Concen: 165.25 ng

RT: 6.41 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF082487.D

Acq: 24 Oct 2015 1:41

Instrument :

BNA_F

ClientSampleId :

NC-001

Tgt Ion: 99 Resp: 1049243

Ion Ratio Lower Upper

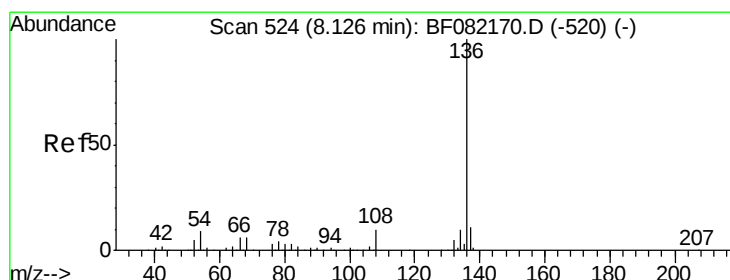
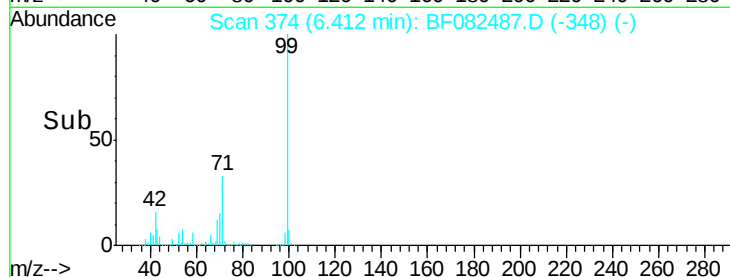
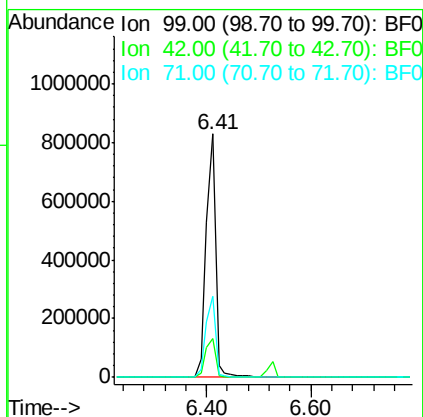
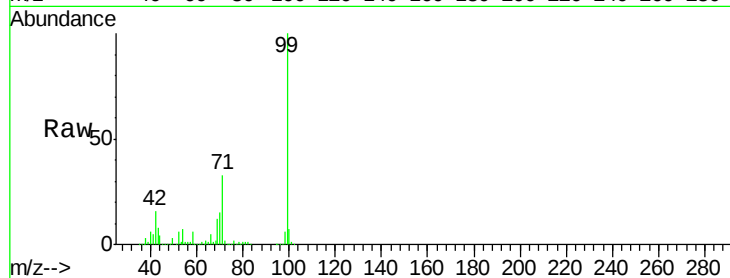
99 100

42 16.0 13.2 19.8

71 33.3 25.6 38.4

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF082487.D

Acq: 24 Oct 2015 1:41

Tgt Ion: 136 Resp: 381915

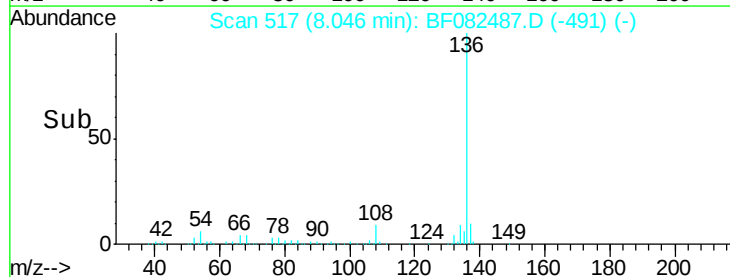
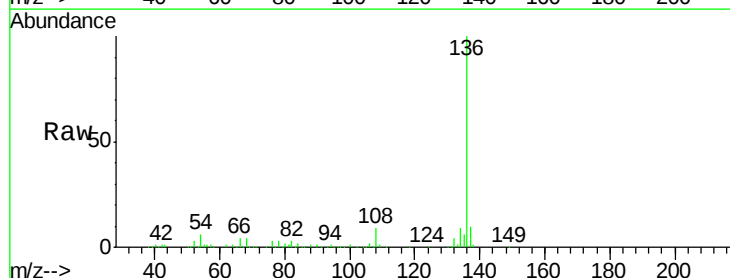
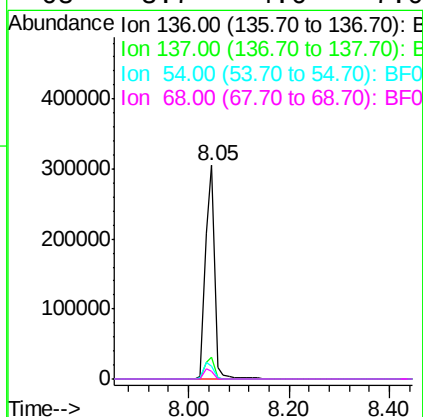
Ion Ratio Lower Upper

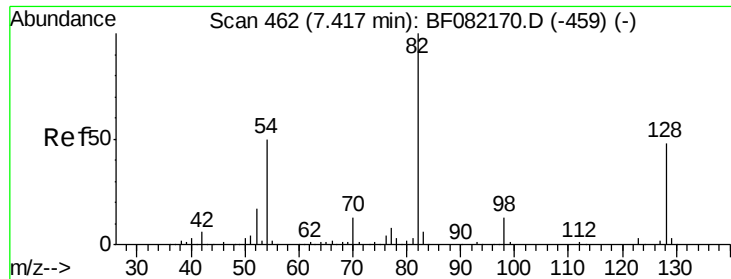
136 100

137 10.4 9.0 13.6

54 5.8 7.5 11.3#

68 3.7 4.6 7.0#





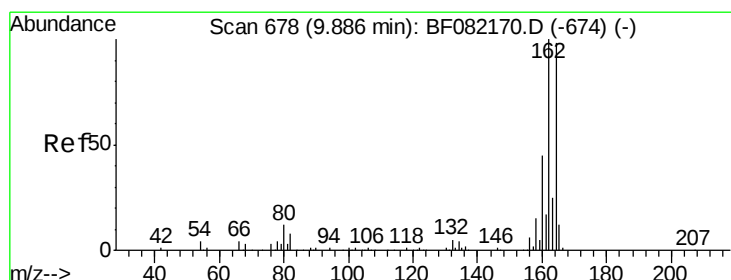
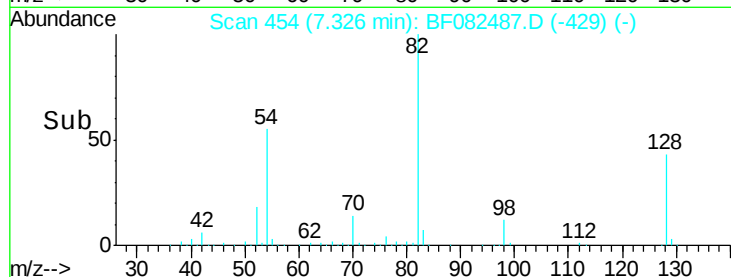
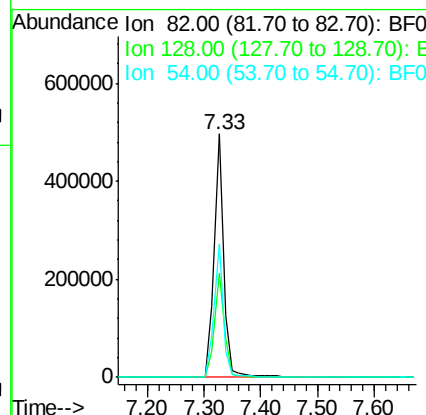
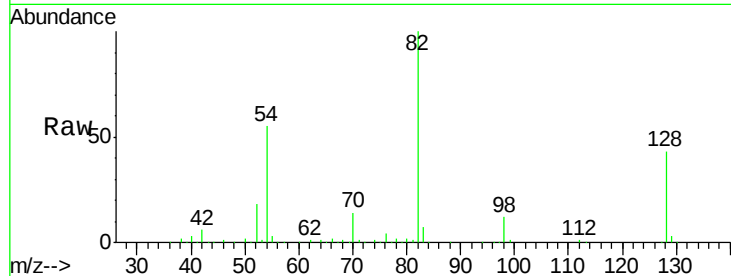
#23
 Nitrobenzene-d5
 Concen: 99.77 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF082487.D
 Acq: 24 Oct 2015 1:41

Instrument :
 BNA_F
 ClientSampleId :
 NC-001

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.6	38.7	58.1
54	54.9	40.1	60.1

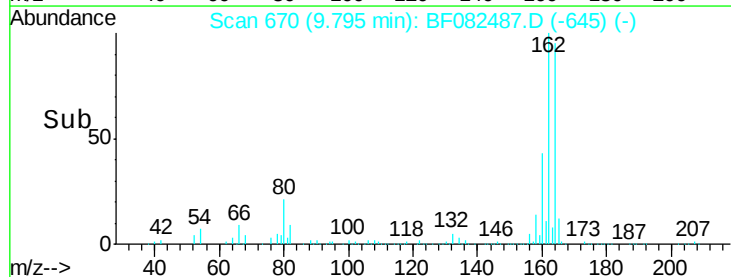
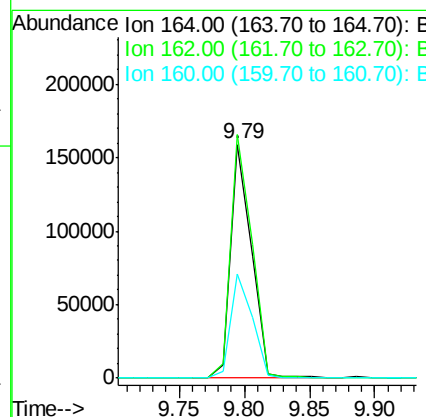
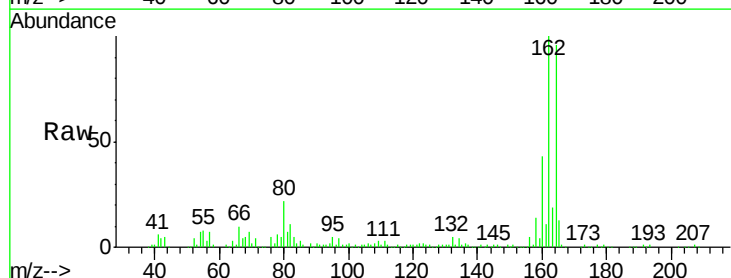
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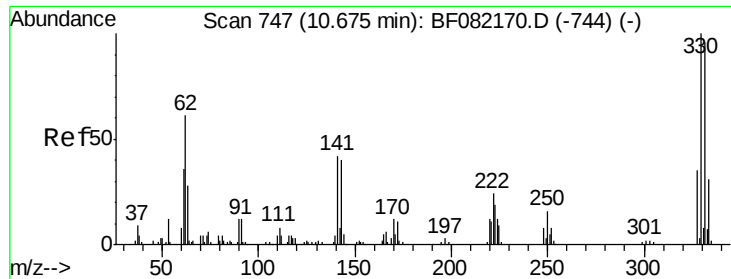
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF082487.D
 Acq: 24 Oct 2015 1:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.6	122.4
160	44.5	36.4	54.6





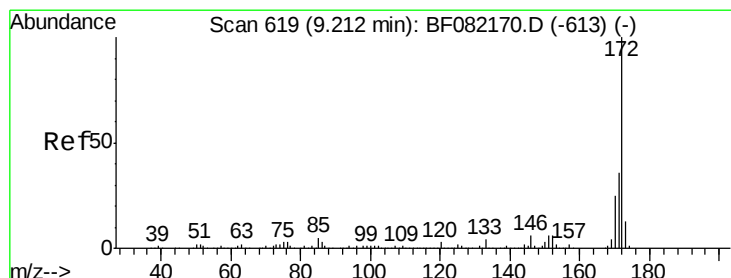
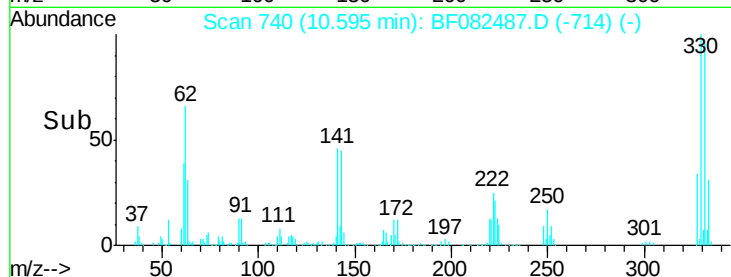
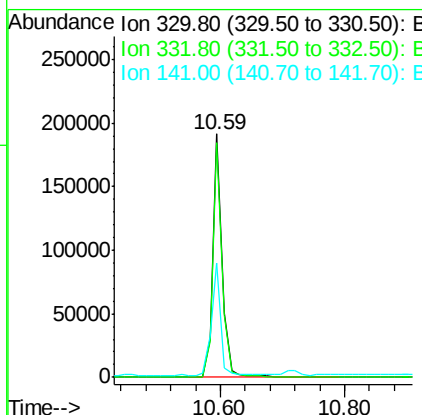
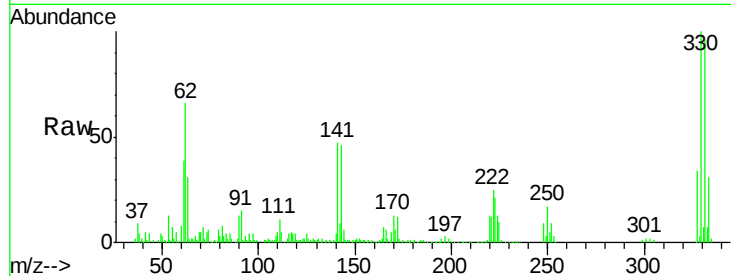
#41
 2,4,6-Tribromophenol
 Concen: 119.78 ng
 RT: 10.59 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF082487.D
 Acq: 24 Oct 2015 1:41

Instrument :
 BNA_F
 ClientSampleID :
 NC-001

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	199644		
332	95.5	77.1	115.7	
141	46.2	29.8	44.8#	

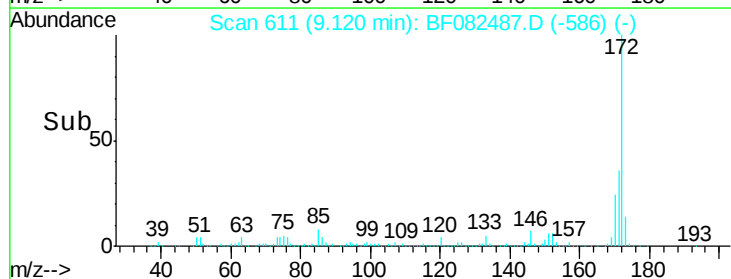
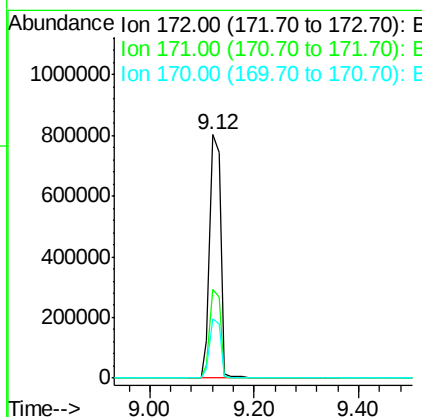
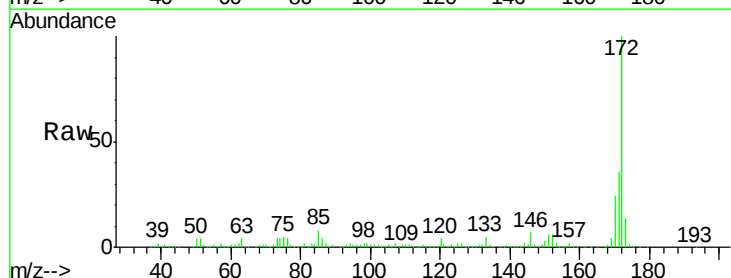
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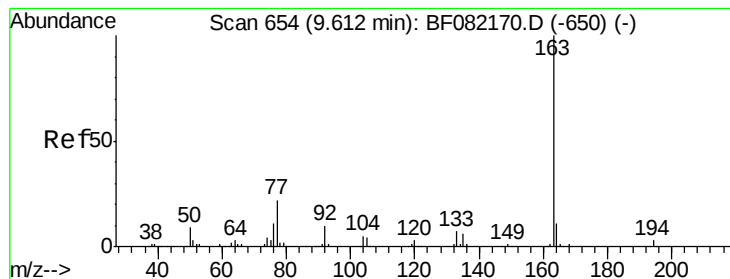
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#44
 2-Fluorobiphenyl
 Concen: 110.78 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082487.D
 Acq: 24 Oct 2015 1:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1187270		
171	36.4	28.6	42.8	
170	24.5	19.7	29.5	





#49

Dimethylphthalate

Concen: 20.68 ng

RT: 9.52 min Scan# 646

Delta R.T. -0.02 min

Lab File: BF082487.D

Acq: 24 Oct 2015 1:41

Instrument :

BNA_F

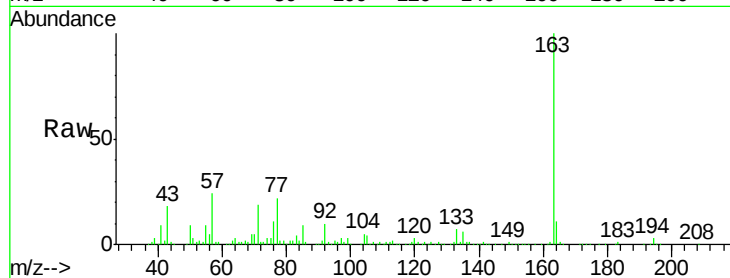
ClientSampleId :

NC-001

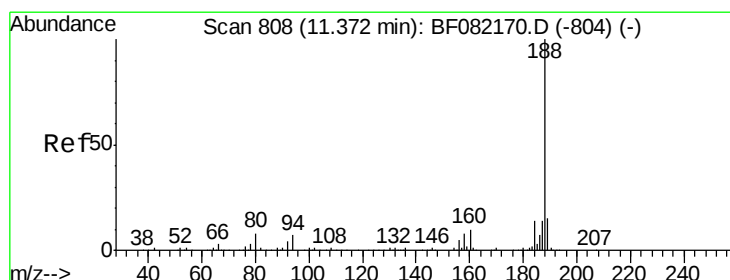
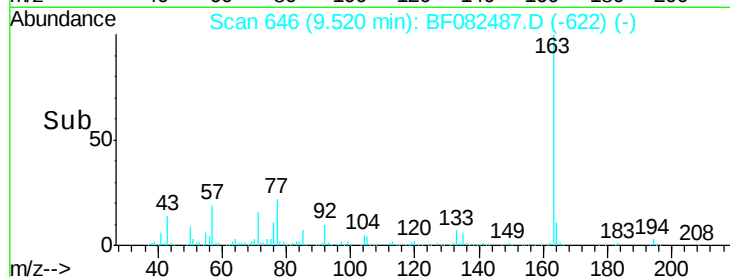
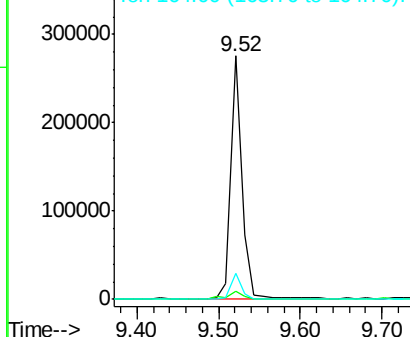
Tgt Ion:	163	Resp:	258864
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.6	4.0
164	10.9	8.5	12.7

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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

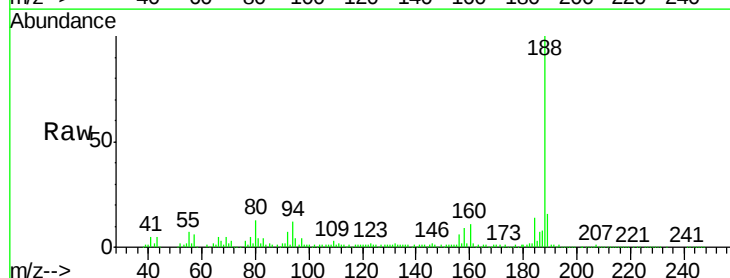
RT: 11.28 min Scan# 800

Delta R.T. -0.01 min

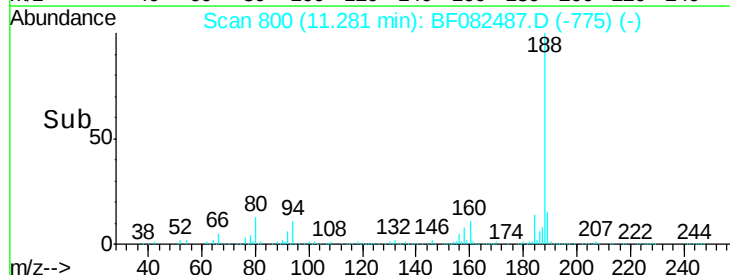
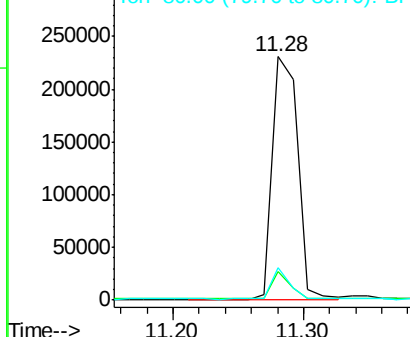
Lab File: BF082487.D

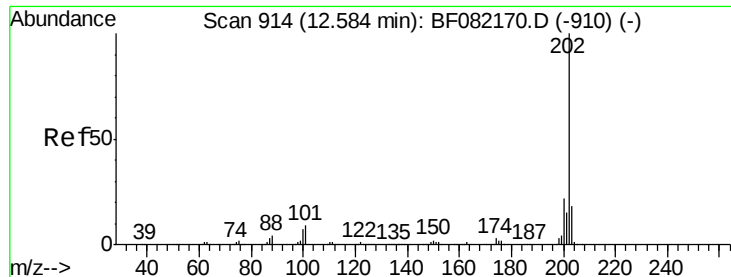
Acq: 24 Oct 2015 1:41

Tgt Ion:	188	Resp:	318103
Ion Ratio	Lower	Upper	
188	100		
94	11.7	5.8	8.6#
80	13.1	6.4	9.6#



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: 2.22 ng

RT: 12.50 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF082487.D

Acq: 24 Oct 2015 1:41

Instrument :

BNA_F

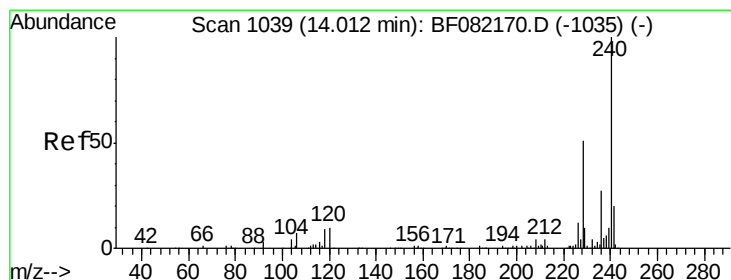
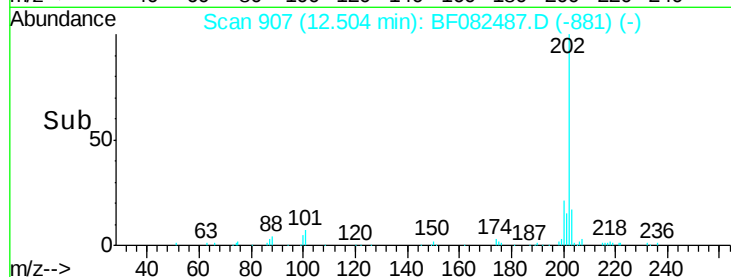
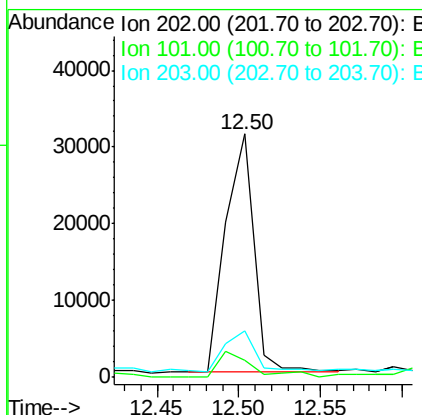
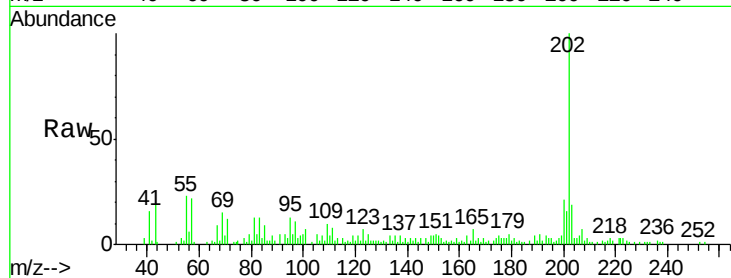
ClientSampleId :

NC-001

Tgt Ion:	202	Resp:	37146
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	29.3
203	19.0	0.0	37.8

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#75

Chrysene-d12

Concen: 20.00 ng

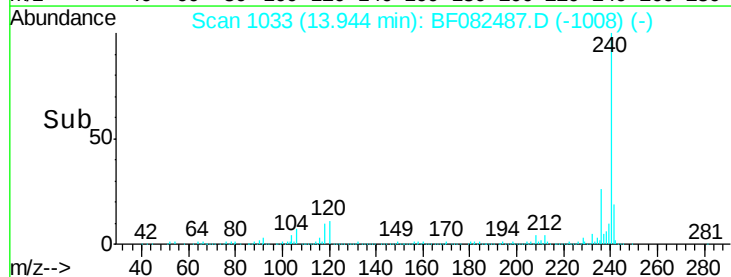
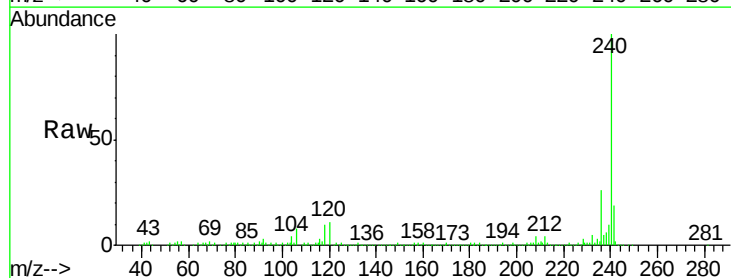
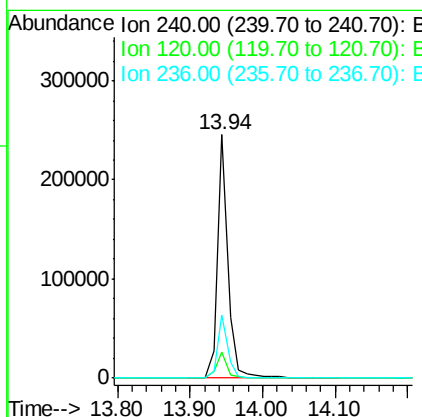
RT: 13.94 min Scan# 1033

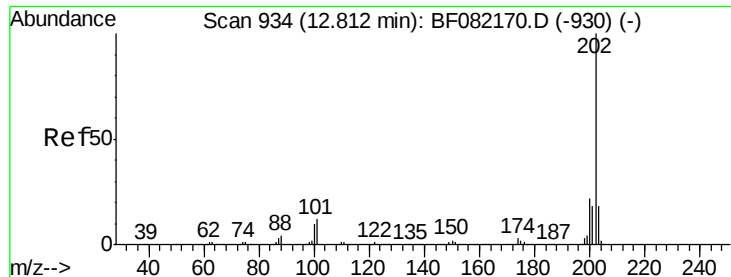
Delta R.T. -0.01 min

Lab File: BF082487.D

Acq: 24 Oct 2015 1:41

Tgt Ion:	240	Resp:	246948
Ion Ratio	Lower	Upper	
240	100		
120	10.7	8.1	12.1
236	26.0	21.3	31.9





#77

Pyrene

Concen: 2.91 ng

RT: 12.73 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF082487.D

Acq: 24 Oct 2015 1:41

Instrument :

BNA_F

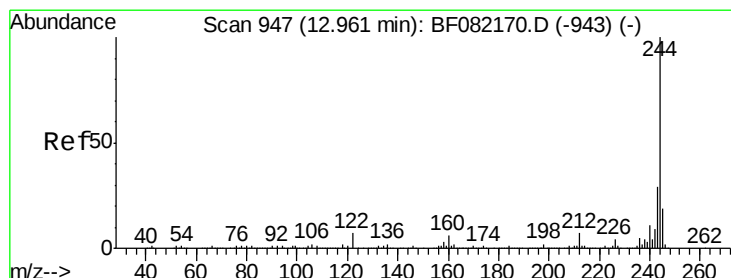
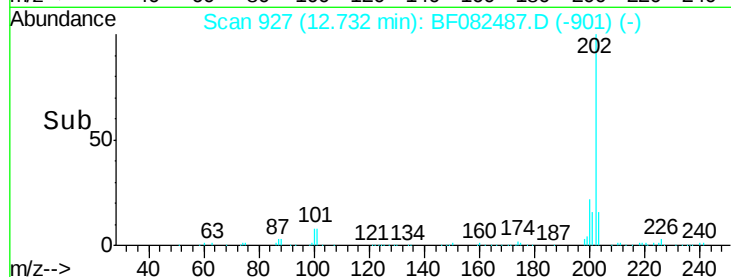
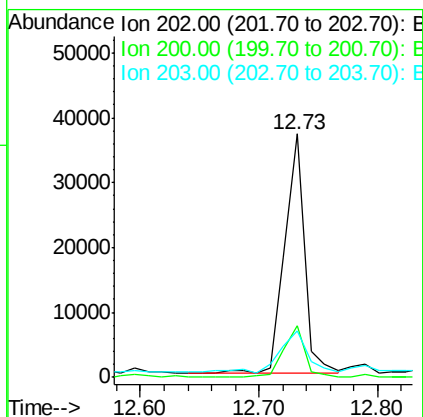
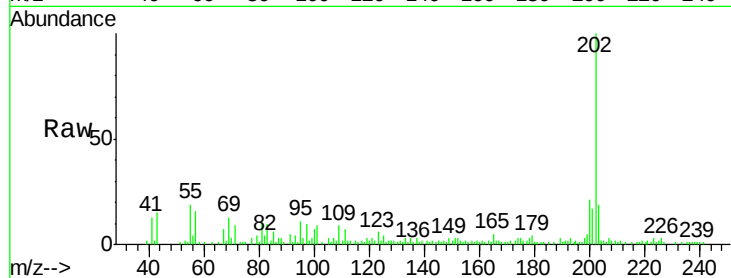
ClientSampled :

NC-001

Tgt Ion:	202	Resp:	42589
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.9	26.9
203	18.9	14.5	21.7

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#78

Terphenyl-d14

Concen: 107.99 ng

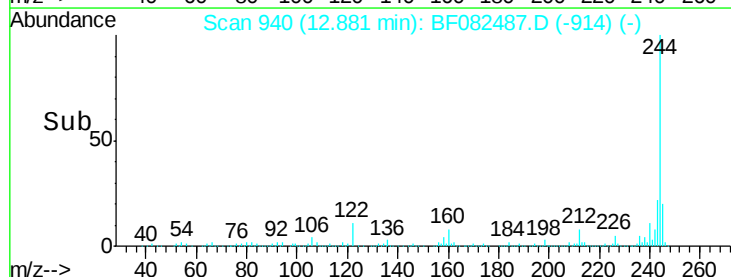
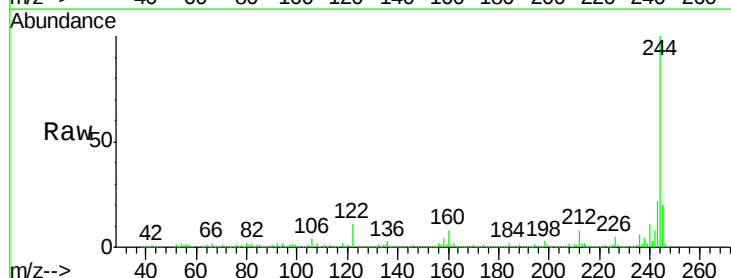
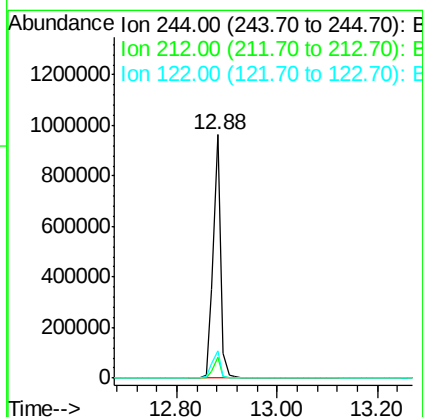
RT: 12.88 min Scan# 940

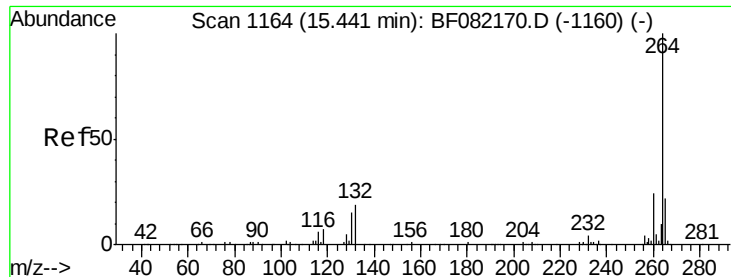
Delta R.T. 0.00 min

Lab File: BF082487.D

Acq: 24 Oct 2015 1:41

Tgt Ion:	244	Resp:	1006333
Ion Ratio	Lower	Upper	
244	100		
212	8.4	5.8	8.6
122	11.3	5.9	8.9#





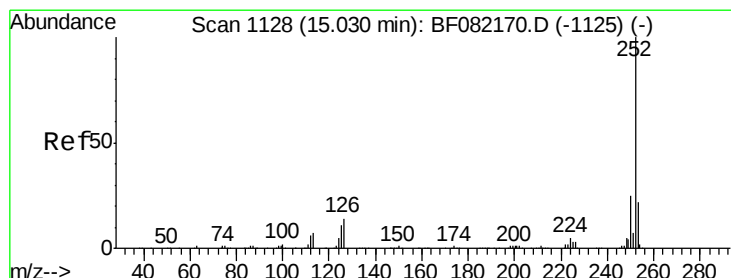
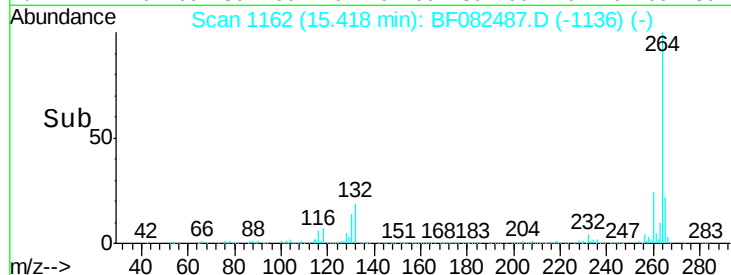
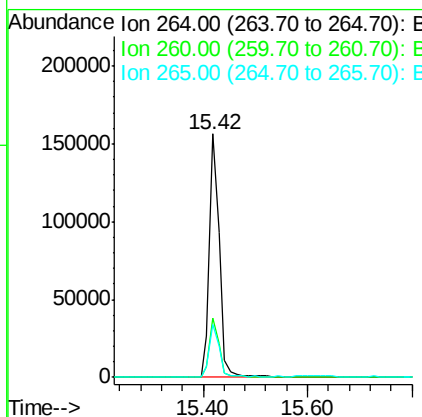
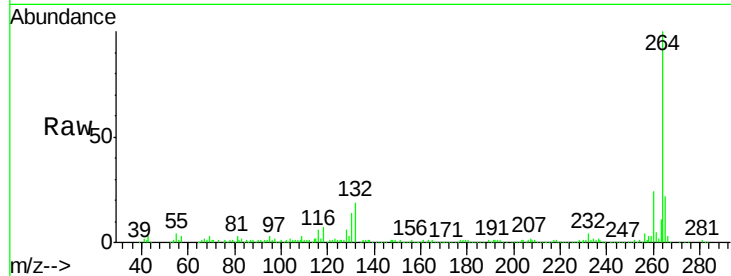
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF082487.D
Acq: 24 Oct 2015 1:41

Instrument :
BNA_F
ClientSampleId :
NC-001

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.3	19.0	28.6
265	21.6	17.3	25.9

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:30 PM



#87
Benzo(b)fluoranthene
Concen: 2.25 ng m
RT: 15.02 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF082487.D
Acq: 24 Oct 2015 1:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.6	18.0	27.0
125	18.2	8.6	12.8

