

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089949.D
 Acq On : 31 Aug 2016 14:40
 Operator : UM/SJ
 Sample : H4617-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 415LSB4(1-5)

Manual Integrations
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 9/1/2016 11:53:47 AM

Quant Time: Aug 31 16:51:40 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	247651	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	953520	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	468625	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	746955	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	581018	20.00	ng	-0.01
86) Perylene-d12	15.10	264	596031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1690005	109.23	ng	0.01
7) Phenol-d6	6.28	99	2029079	107.93	ng	0.01
23) Nitrobenzene-d5	7.21	82	1288031	78.34	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	391982	84.78	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	2222936	77.87	ng	0.00
78) Terphenyl-d14	12.72	244	1415327	60.17	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.39	163	680228	20.08	ng	100
74) Fluoranthene	12.33	202	111975	2.87	ng	96
77) Pyrene	12.56	202	146057	3.57	ng	96
80) Benzo(a)anthracene	13.74	228	93511m	2.63	ng	
82) Chrysene	13.77	228	193107m	5.81	ng	
85) Indeno(1,2,3-cd)pyrene	16.31	276	69059	2.81	ng	96
87) Benzo(b)fluoranthene	14.73	252	159069m	4.26	ng	
88) Benzo(k)fluoranthene	14.74	252	67175m	2.12	ng	
89) Benzo(a)pyrene	15.04	252	87232	2.73	ng	# 96
91) Benzo(g,h,i)perylene	16.67	276	66154	2.80	ng	# 88

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

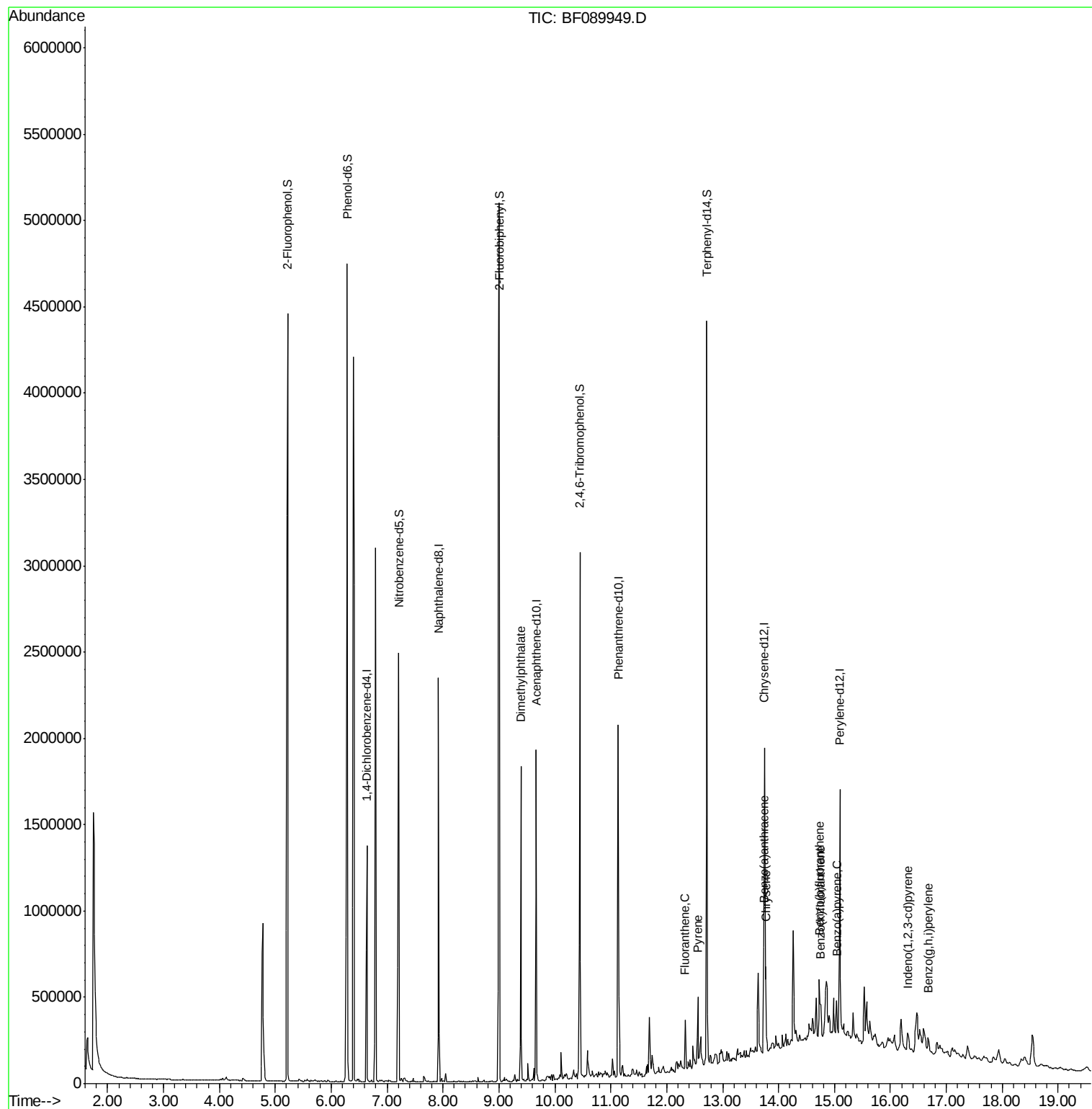
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089949.D
Acq On : 31 Aug 2016 14:40
Operator : UM/SJ
Sample : H4617-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

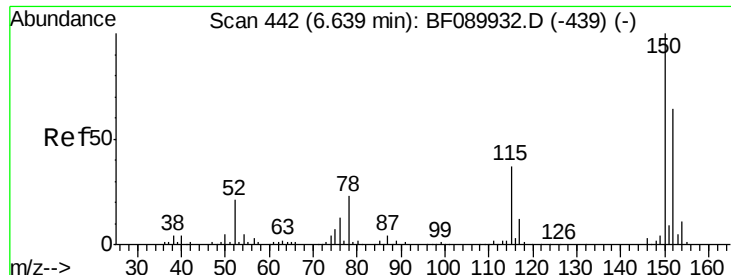
Instrument :
BNA_F
ClientSampleId :
415LSB4(1-5)

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
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QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089949.D

Acq: 31 Aug 2016 14:40

Instrument :

BNA_F

ClientSampleId :

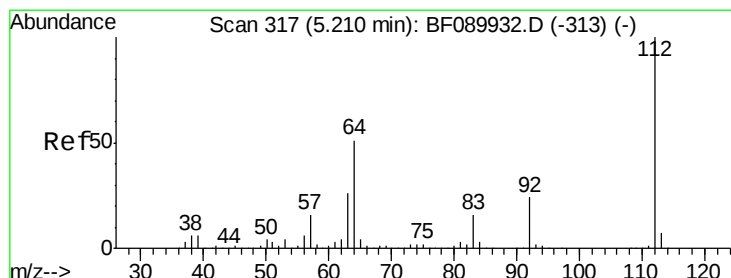
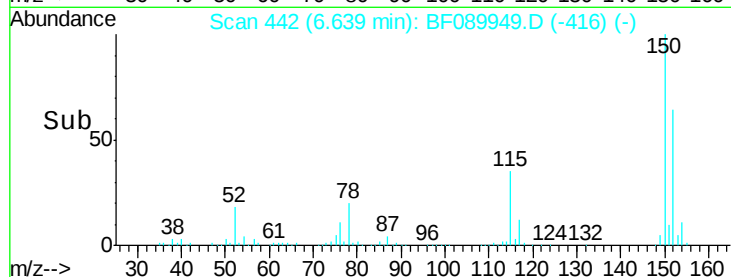
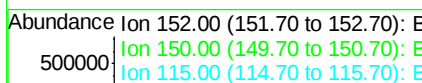
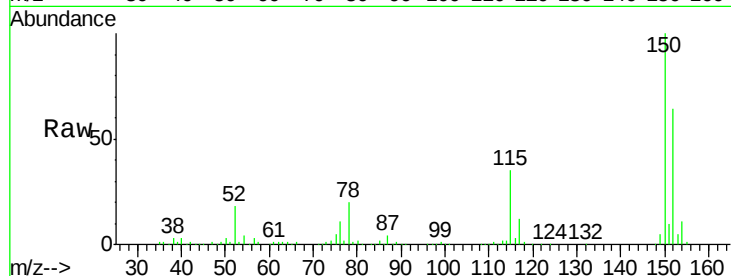
415LSB4(1-5)

Tgt Ion:	152	Resp:	247651
Ion Ratio	Lower	Upper	
152	100		
150	155.4	127.4	191.2
115	54.8	46.3	69.5

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#5

2-Fluorophenol

Concen: 109.23 ng

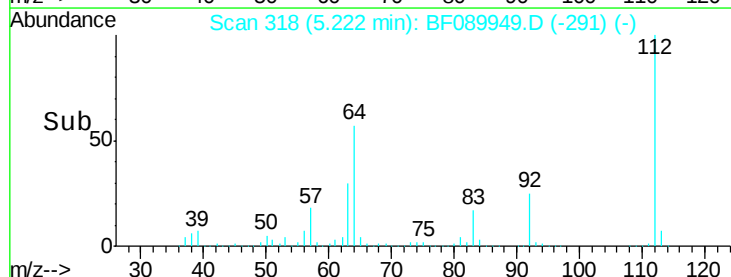
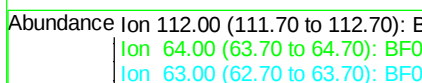
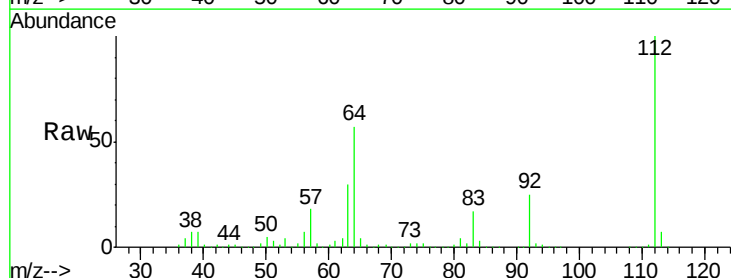
RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089949.D

Acq: 31 Aug 2016 14:40

Tgt Ion:	112	Resp:	1690005
Ion Ratio	Lower	Upper	
112	100		
64	57.4	41.1	61.7
63	29.9	21.2	31.8





#7

Phenol-d6

Concen: 107.93 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089949.D

Acq: 31 Aug 2016 14:40

Instrument :

BNA_F

ClientSampleId :

415LSB4(1-5)

Tgt Ion: 99 Resp: 2029079

Ion Ratio Lower Upper

99 100

42 22.8 18.6 27.8

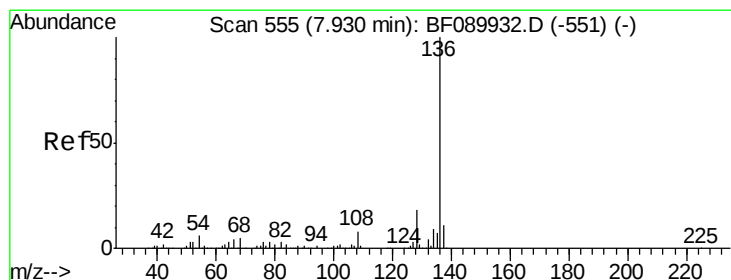
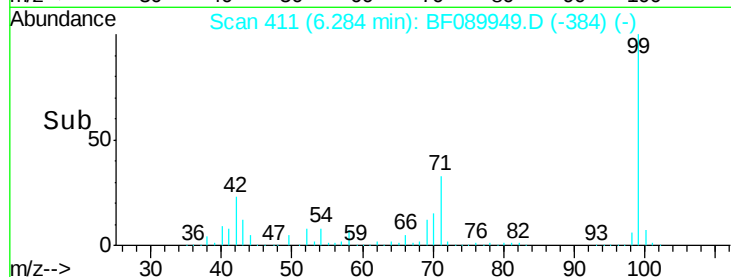
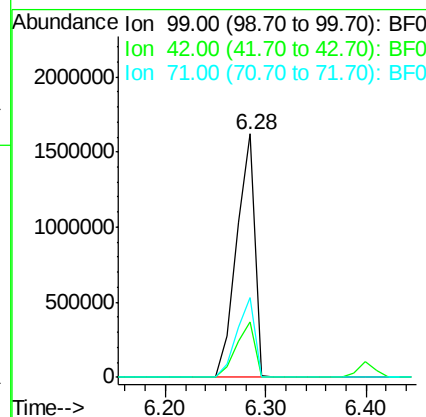
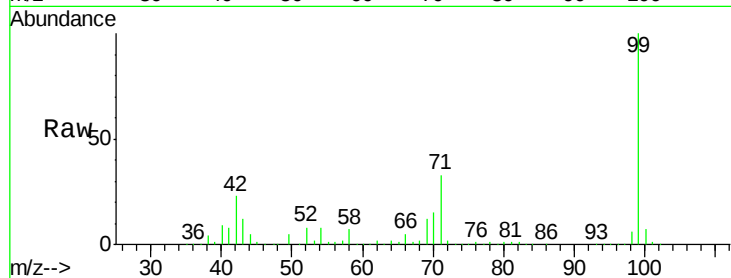
71 32.8 25.8 38.6

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089949.D

Acq: 31 Aug 2016 14:40

Tgt Ion: 136 Resp: 953520

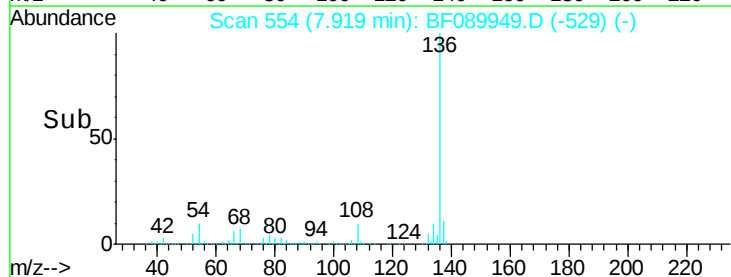
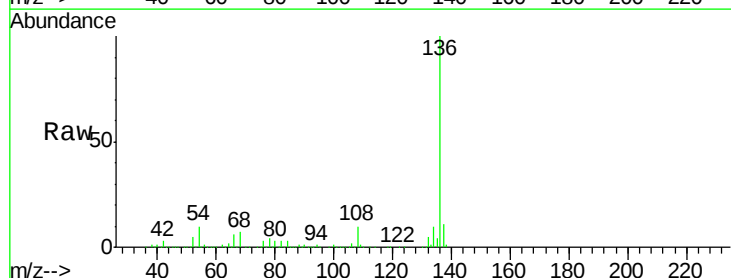
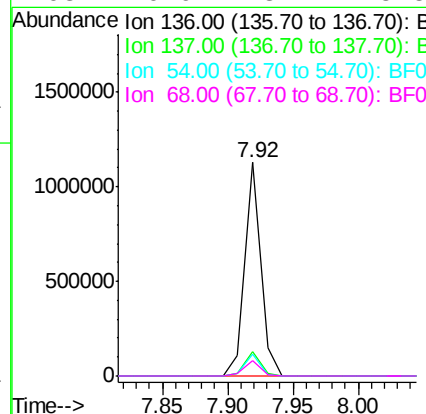
Ion Ratio Lower Upper

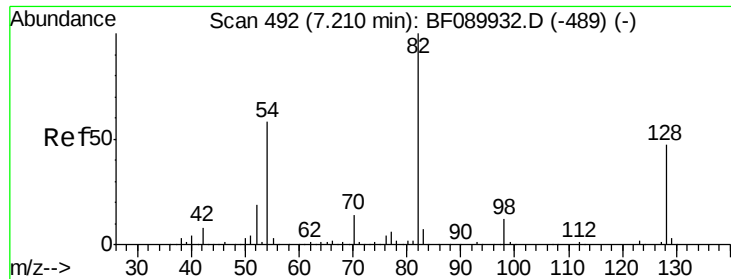
136 100

137 11.3 8.3 12.5

54 10.2 4.8 7.2#

68 6.9 3.7 5.5#





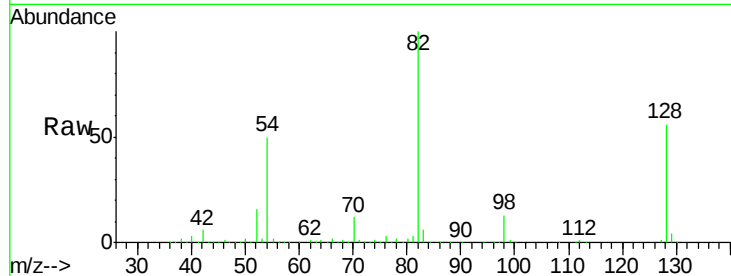
#23
 Nitrobenzene-d5
 Concen: 78.34 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089949.D
 Acq: 31 Aug 2016 14:40

Instrument :
 BNA_F
 ClientSampleId :
 415LSB4(1-5)

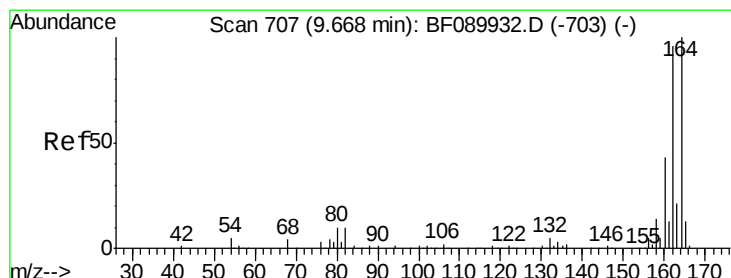
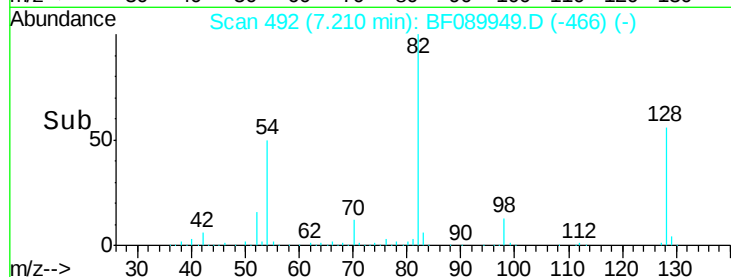
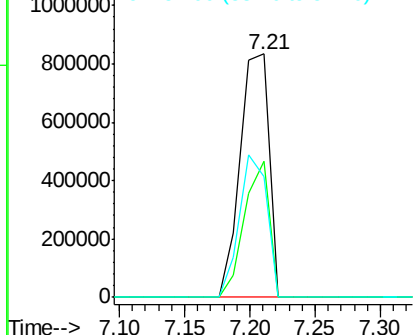
Tgt Ion	Ratio	Lower	Upper
82	100		
128	56.1	37.8	56.8
54	49.6	46.9	70.3

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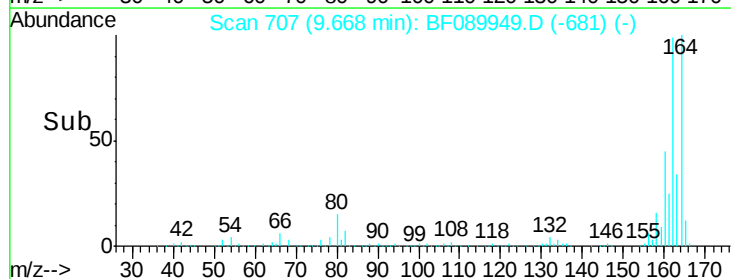
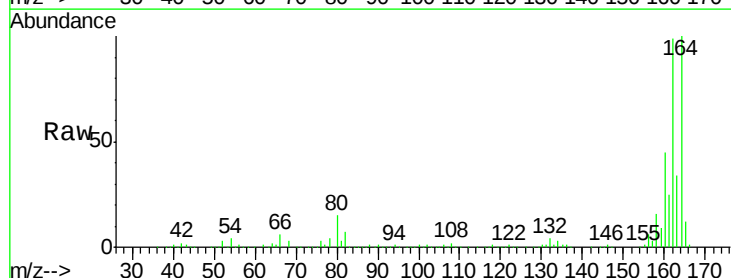
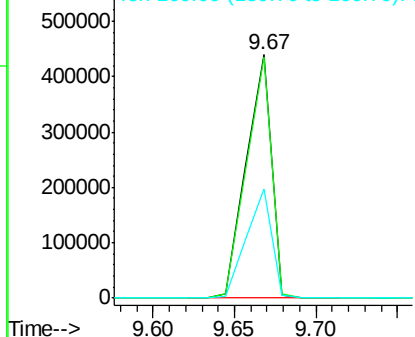
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 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

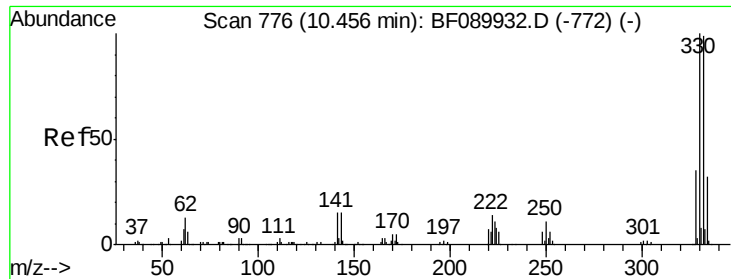


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089949.D
 Acq: 31 Aug 2016 14:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	77.1	115.7
160	44.7	35.3	52.9

Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





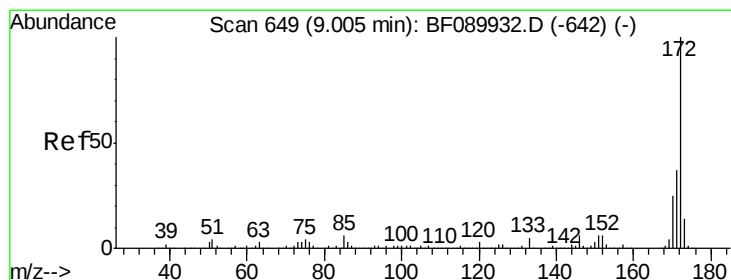
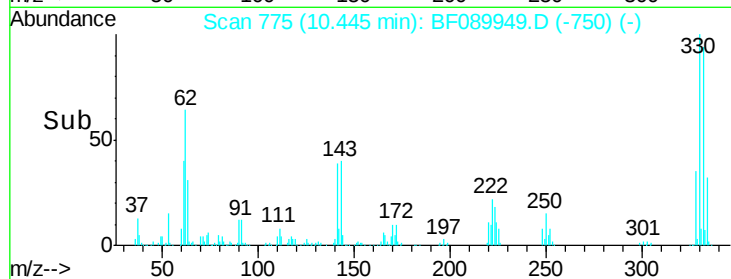
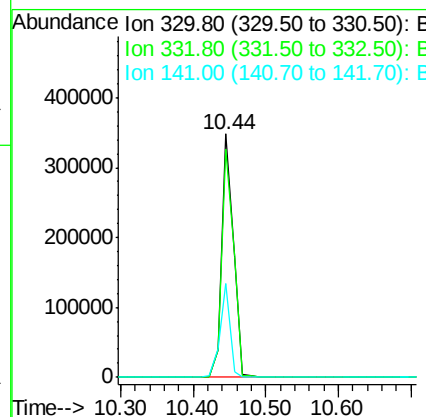
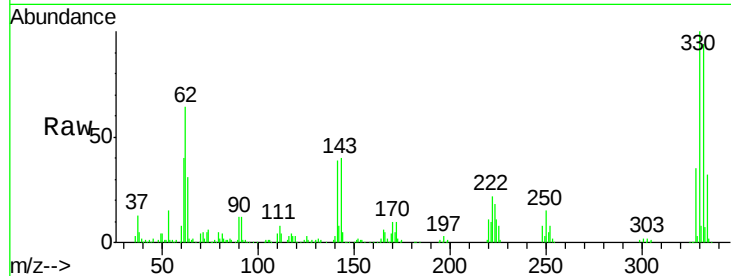
#41
 2,4,6-Tribromophenol
 Concen: 84.78 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089949.D
 Acq: 31 Aug 2016 14:40

Instrument :
 BNA_F
 ClientSampleId :
 415LSB4(1-5)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	391982		
332	96.3	78.6	117.8	
141	33.1	23.3	34.9	

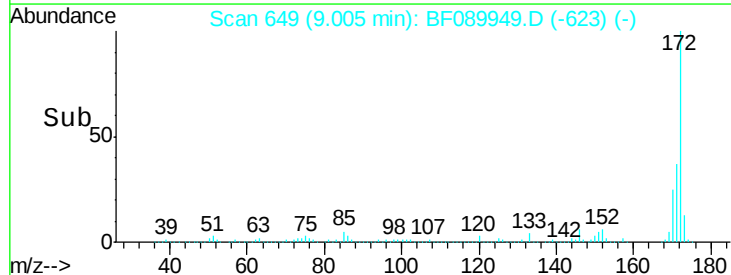
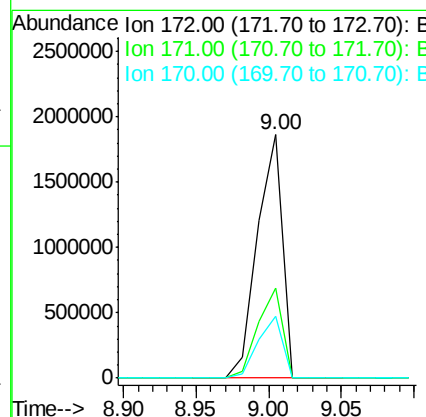
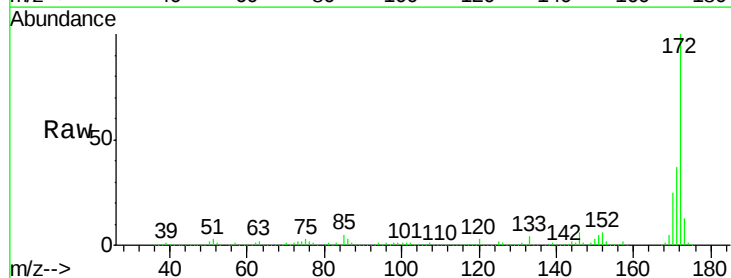
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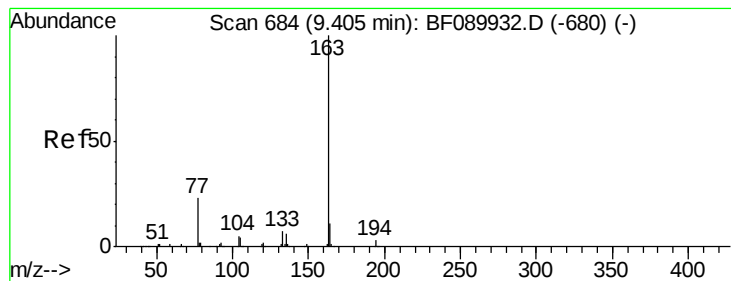
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#44
 2-Fluorobiphenyl
 Concen: 77.87 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089949.D
 Acq: 31 Aug 2016 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2222936		
171	36.9	29.4	44.2	
170	25.2	20.1	30.1	





#49

Dimethylphthalate

Concen: 20.08 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF089949.D

Acq: 31 Aug 2016 14:40

Instrument :

BNA_F

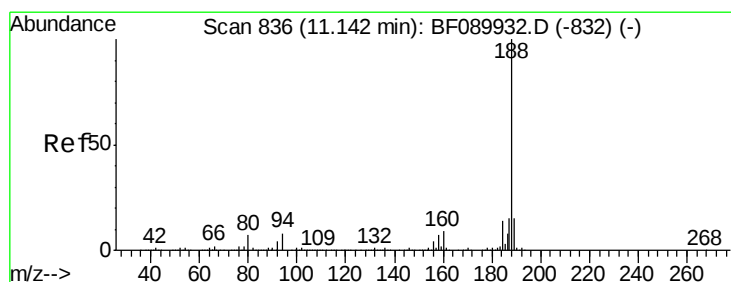
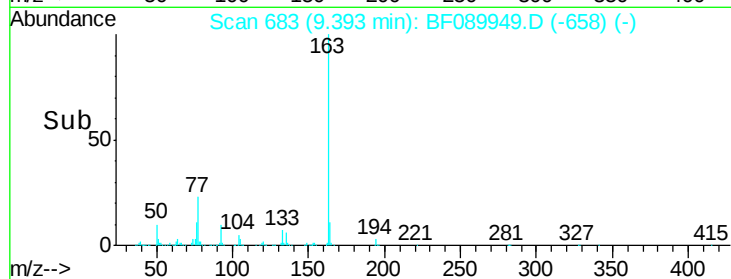
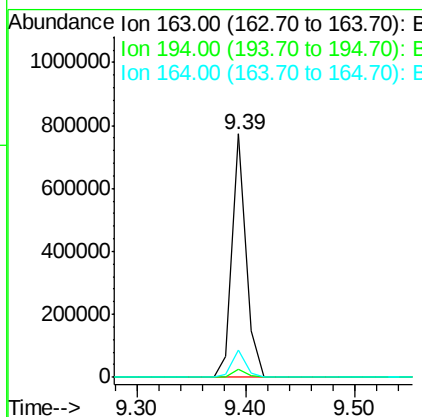
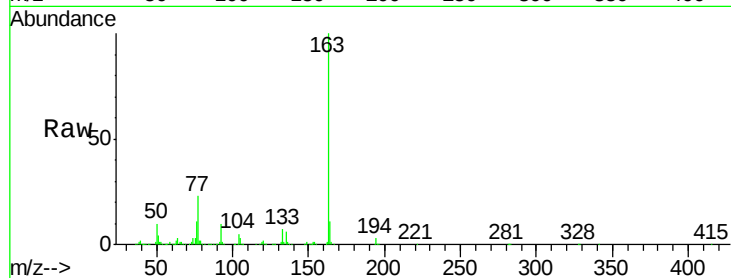
ClientSampleId :

415LSB4(1-5)

Tgt Ion:	163	Resp:	680228
Ion Ratio		Lower	Upper
163	100		
194	3.4	2.7	4.1
164	11.2	9.0	13.4

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#63

Phenanthrene-d10

Concen: 20.00 ng

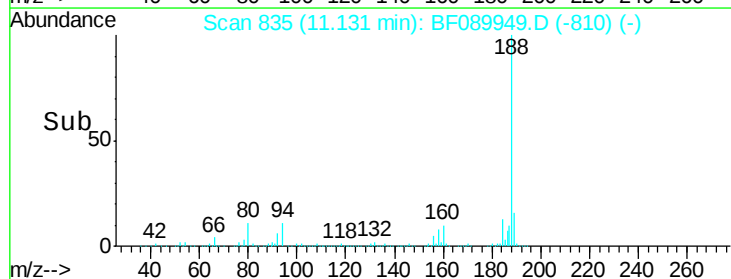
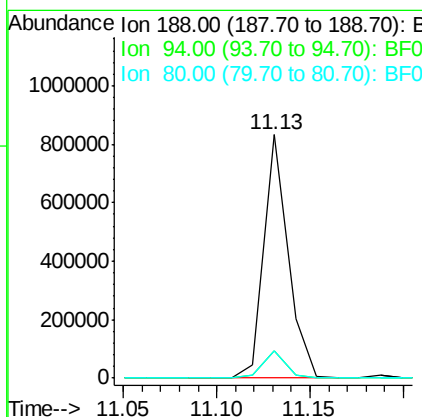
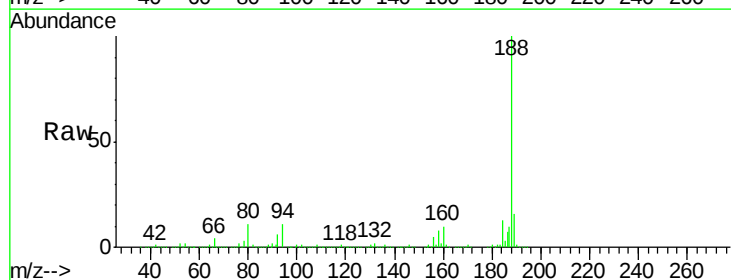
RT: 11.13 min Scan# 835

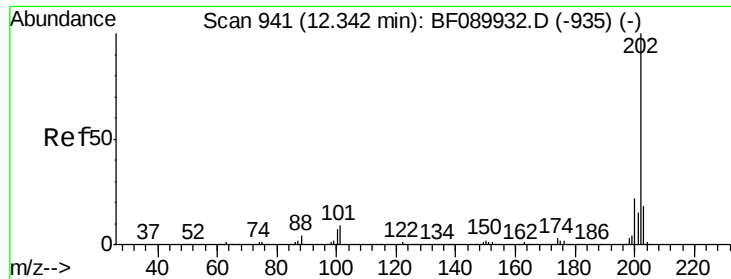
Delta R.T. -0.01 min

Lab File: BF089949.D

Acq: 31 Aug 2016 14:40

Tgt Ion:	188	Resp:	746955
Ion Ratio		Lower	Upper
188	100		
94	11.3	5.9	8.9#
80	11.4	5.8	8.8#





#74

Fluoranthene

Concen: 2.87 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF089949.D

Acq: 31 Aug 2016 14:40

Instrument :

BNA_F

ClientSampleId :

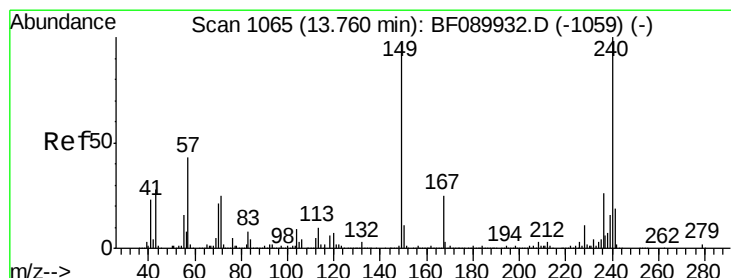
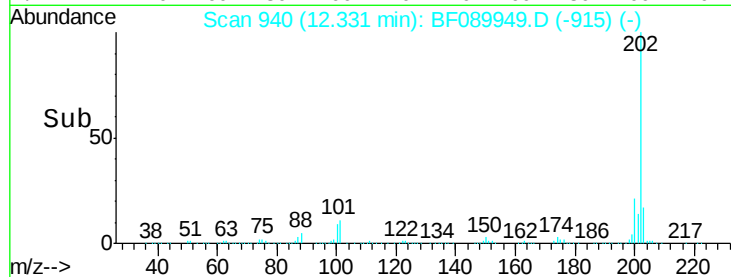
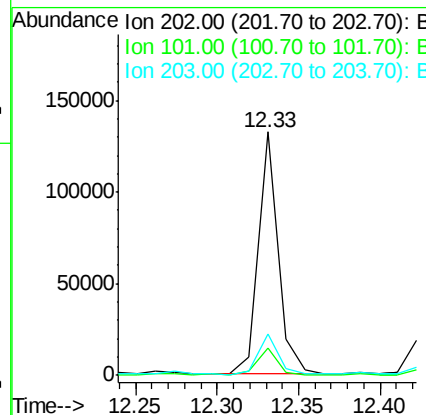
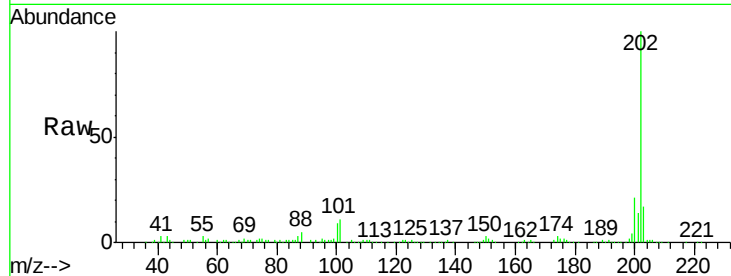
415LSB4(1-5)

Tgt Ion:	202	Resp:	111975
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	28.5
203	17.1	0.0	38.0

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#75

Chrysene-d12

Concen: 20.00 ng

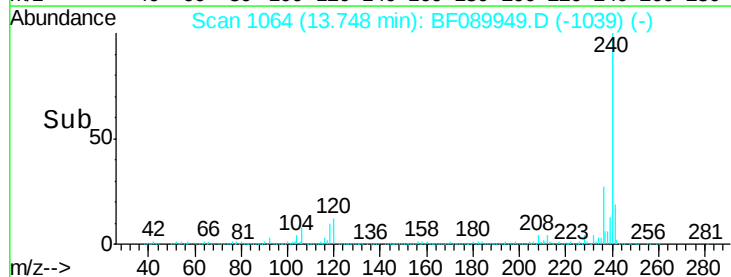
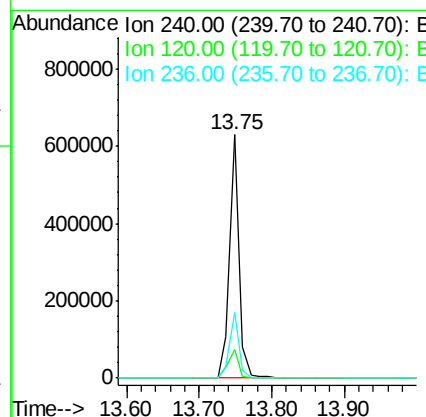
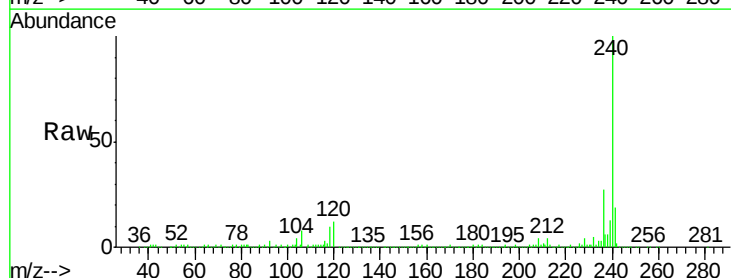
RT: 13.75 min Scan# 1064

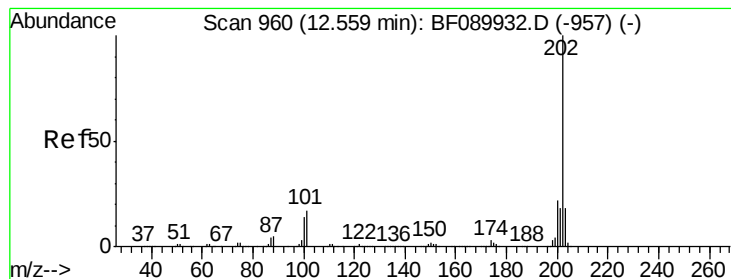
Delta R.T. -0.01 min

Lab File: BF089949.D

Acq: 31 Aug 2016 14:40

Tgt Ion:	240	Resp:	581018
Ion Ratio	Lower	Upper	
240	100		
120	11.9	5.7	8.5#
236	27.1	21.3	31.9





#77

Pyrene

Concen: 3.57 ng

RT: 12.56 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF089949.D

Acq: 31 Aug 2016 14:40

Instrument :

BNA_F

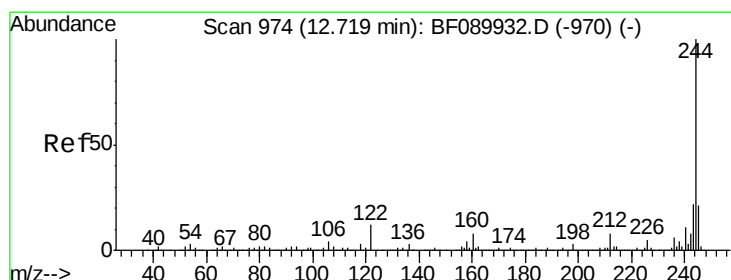
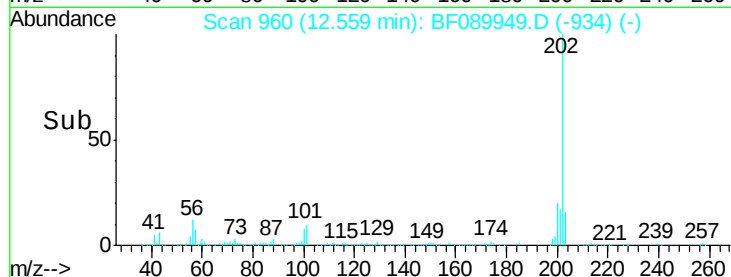
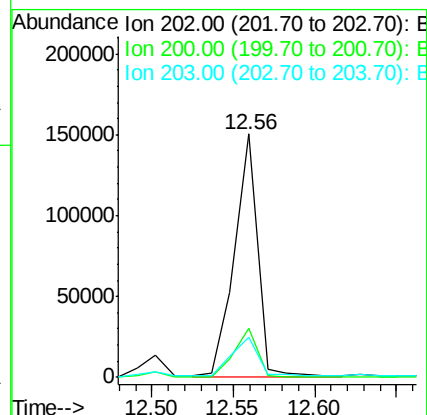
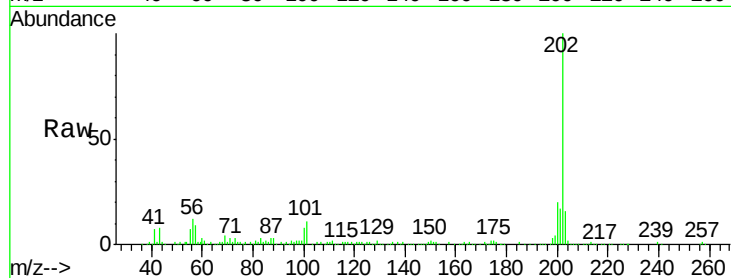
ClientSampleId :

415LSB4(1-5)

Tgt Ion:	202	Resp:	146057
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.6	26.4
203	16.3	14.6	21.8

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#78

Terphenyl-d14

Concen: 60.17 ng

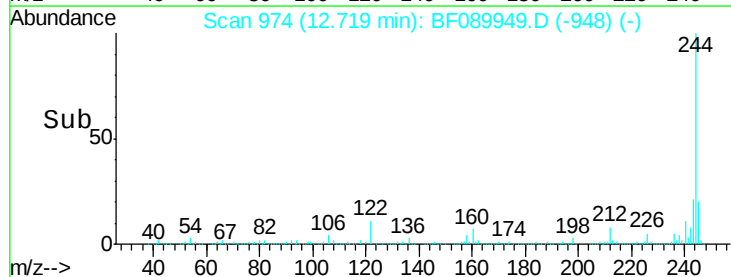
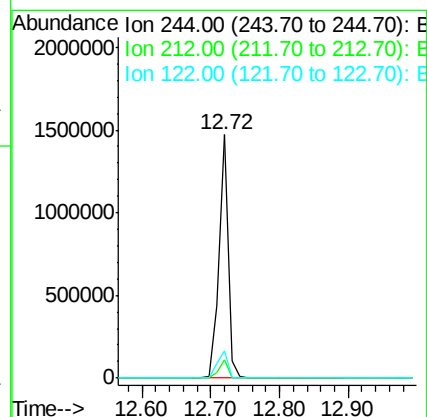
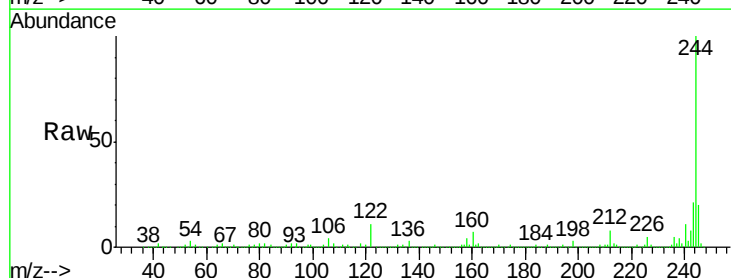
RT: 12.72 min Scan# 974

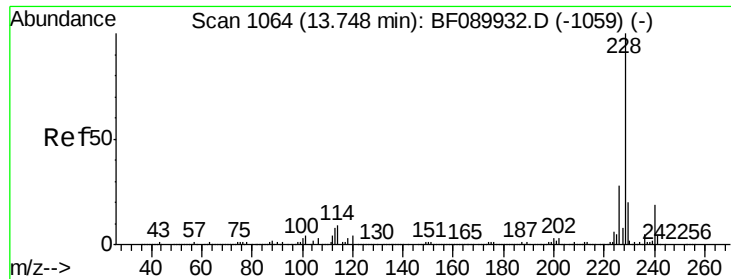
Delta R.T. 0.00 min

Lab File: BF089949.D

Acq: 31 Aug 2016 14:40

Tgt Ion:	244	Resp:	1415327
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.1	9.1
122	11.1	9.6	14.4





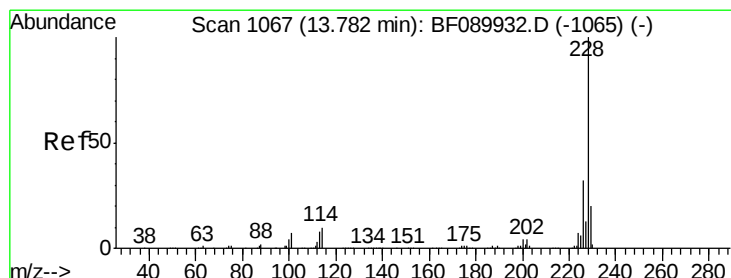
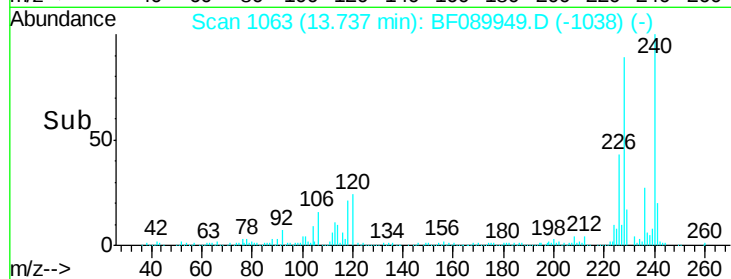
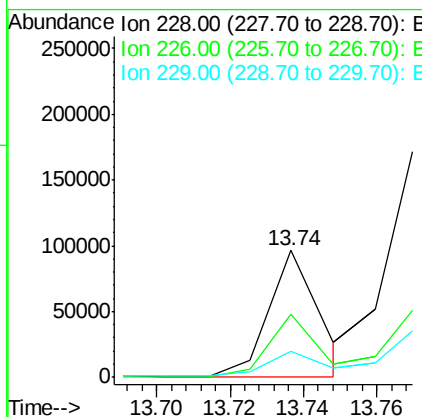
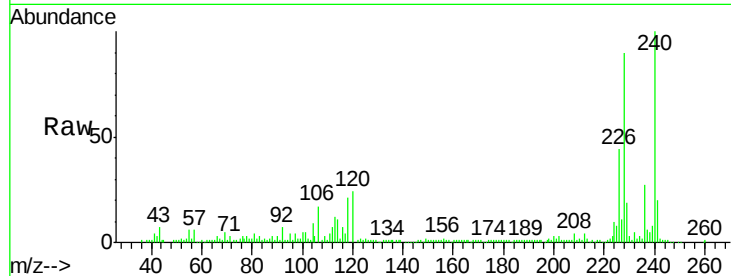
#80
Benzo(a)anthracene
Concen: 2.63 ng m
RT: 13.74 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF089949.D
Acq: 31 Aug 2016 14:40

Instrument :
BNA_F
ClientSampleId :
415LSB4(1-5)

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	93511		
226	49.5	22.2	33.2#	
229	20.9	15.8	23.6	

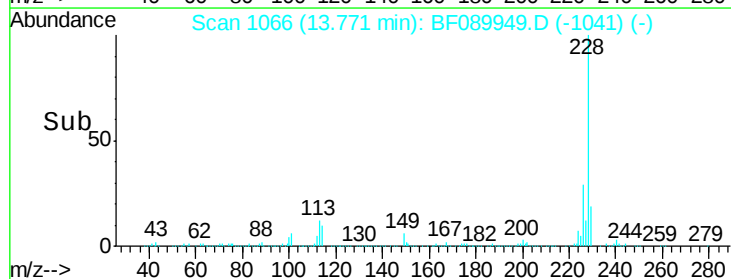
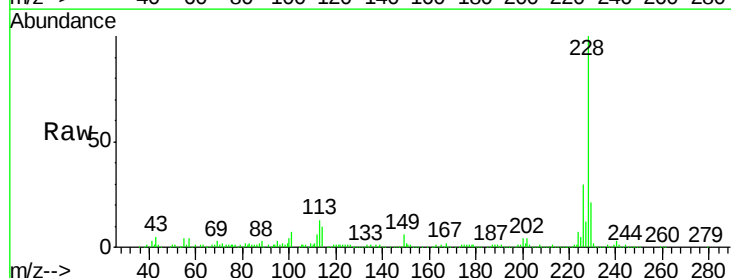
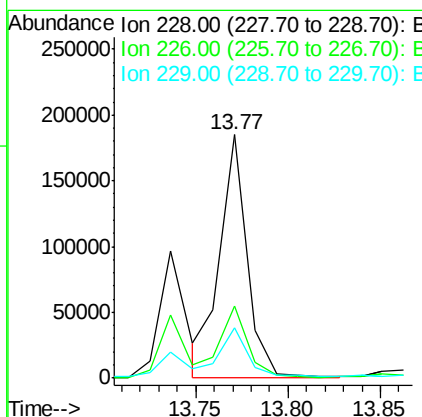
Manual Integrations
APPROVED

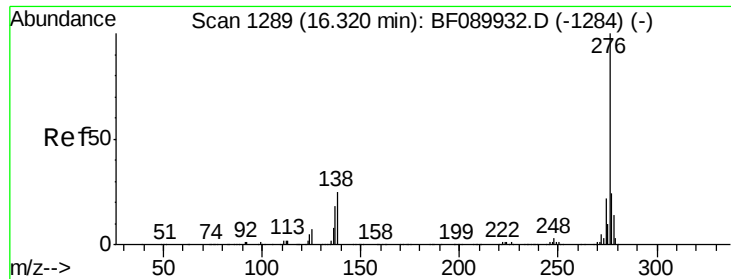
SOHIL
9/1/2016 11:53:47 AM



#82
Chrysene
Concen: 5.81 ng m
RT: 13.77 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BF089949.D
Acq: 31 Aug 2016 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	193107		
226	29.8	25.2	37.8	
229	20.5	16.2	24.2	





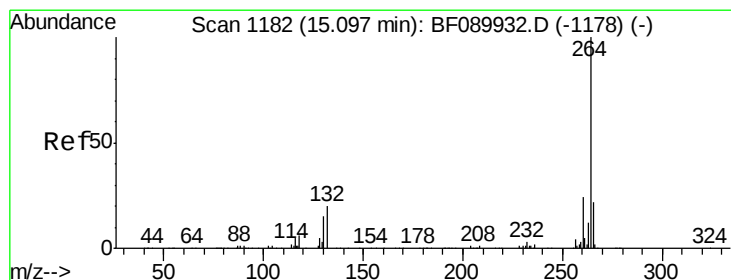
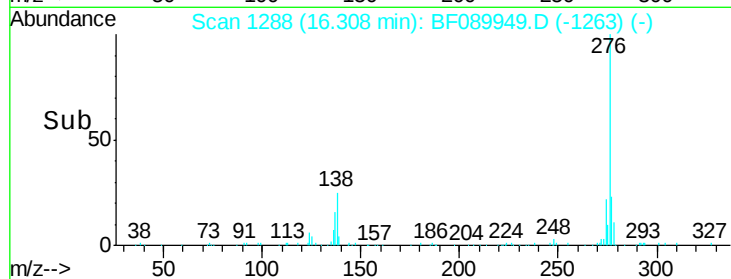
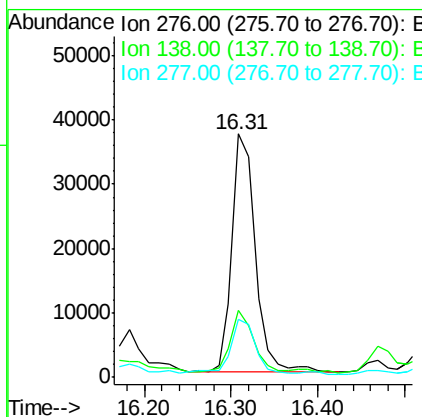
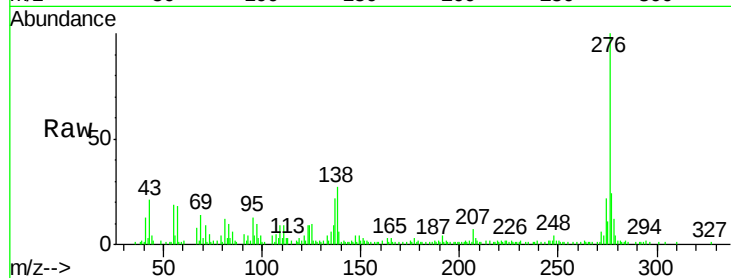
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.81 ng
RT: 16.31 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF089949.D
Acq: 31 Aug 2016 14:40

Instrument :
BNA_F
ClientSampleId :
415LSB4(1-5)

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	22.6	34.0
277	25.4	20.1	30.1

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:53:47 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF089949.D
Acq: 31 Aug 2016 14:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.0
265	22.1	17.4	26.2

