

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085405.D
 Acq On : 12 Mar 2016 8:02
 Operator : UM/SJ
 Sample : H1730-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-17-COMP(0.5-1.5)

Manual Integrations
 APPROVED

UMANGI
 3/14/2016 10:46:11 AM

Quant Time: Mar 14 01:06:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	154188	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	575310	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	238051	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	373864	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	305755	20.00	ng	-0.05
86) Perylene-d12	15.58	264	243971	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1049115	114.13	ng	-0.03
7) Phenol-d6	6.57	99	1493619	124.02	ng	-0.03
23) Nitrobenzene-d5	7.50	82	796695	74.10	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	209685	102.94	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1288625	82.33	ng	-0.05
78) Terphenyl-d14	13.05	244	825819	62.70	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.69	163	228552	12.51	ng	99
74) Fluoranthene	12.68	202	56111	2.85	ng	98
77) Pyrene	12.91	202	53510	2.33	ng	97
83) Bis(2-ethylhexyl)phthalate	14.08	149	203496	14.81	ng	# 98
87) Benzo(b)fluoranthene	15.15	252	36498m	2.24	ng	

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

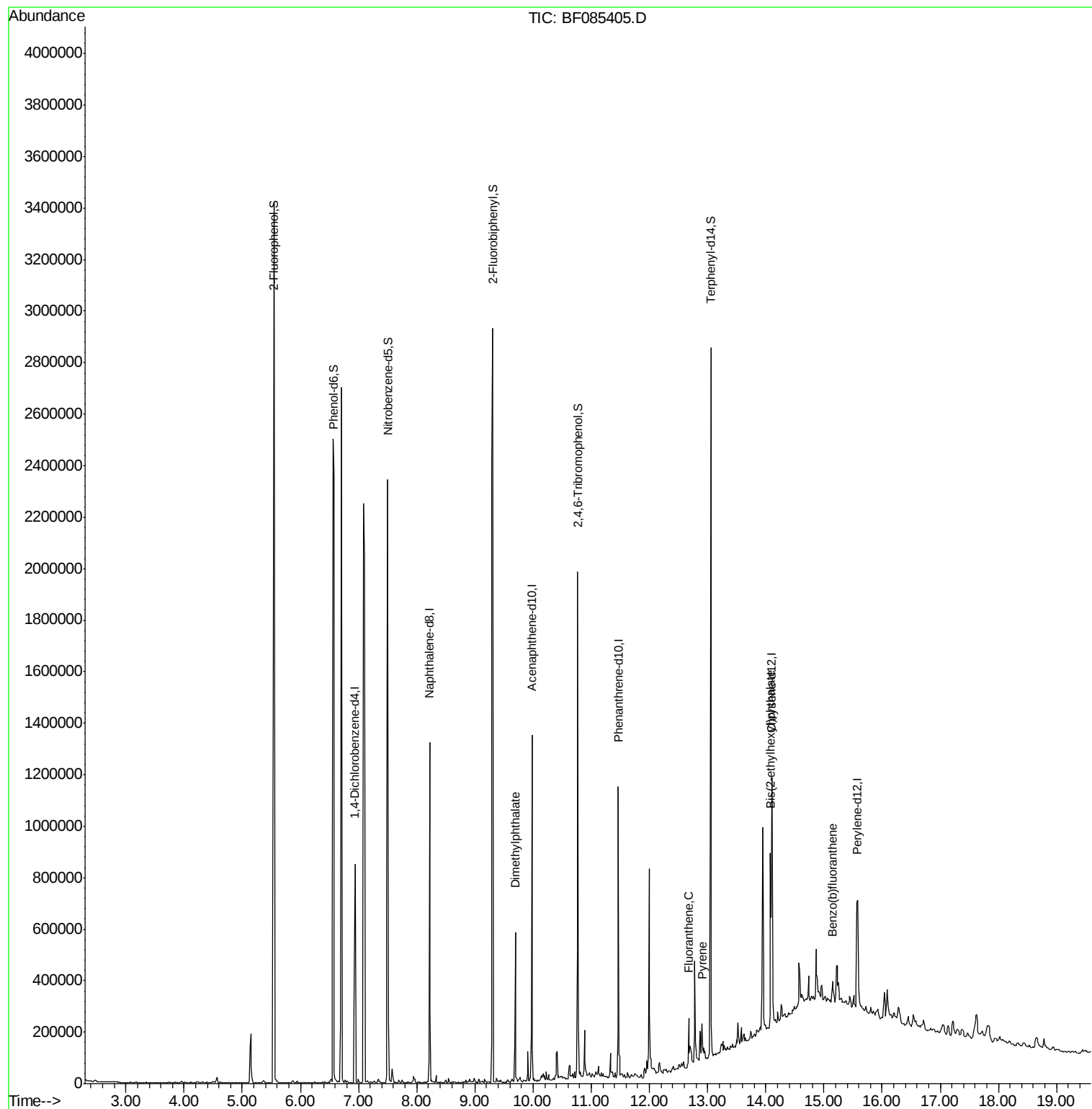
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085405.D
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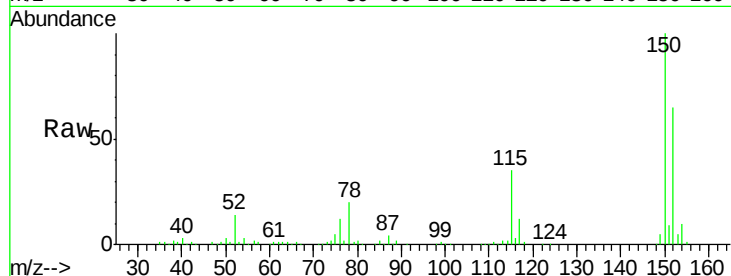




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF085405.D
Acq: 12 Mar 2016 8:02

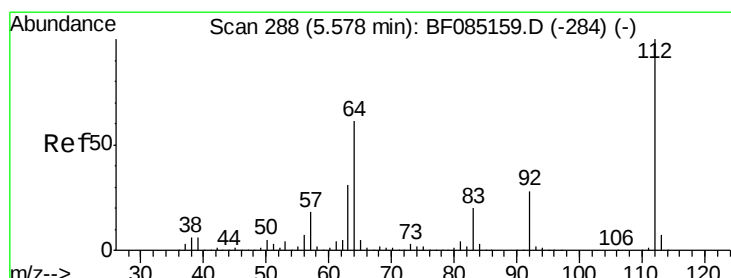
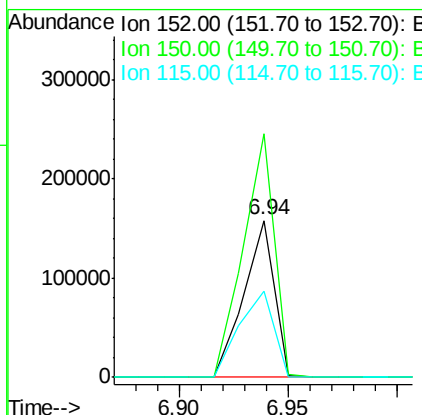
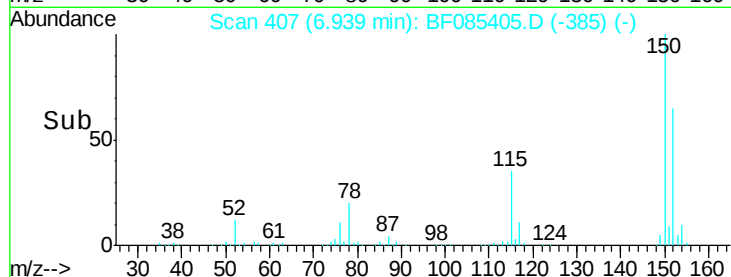
Instrument :
BNA_F
ClientSampleId :
W170TH-SB-17-COMP(0.5-1.5)



Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	54.9	46.6	70.0

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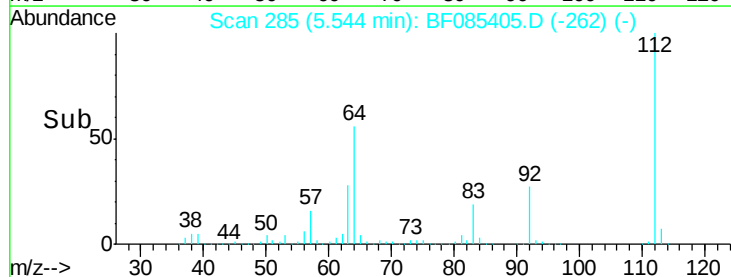
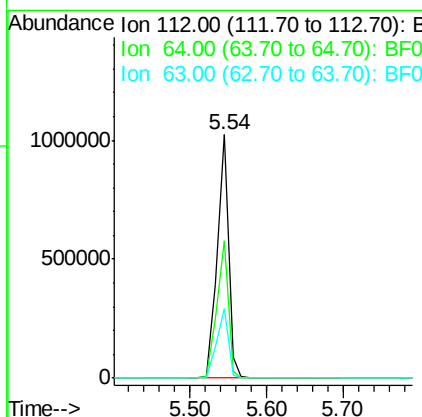
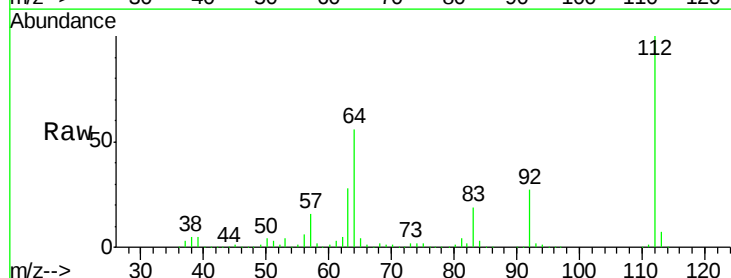
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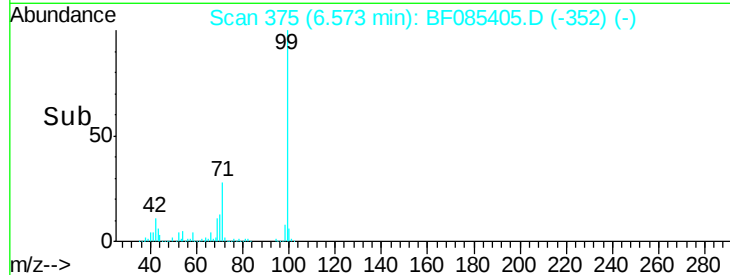
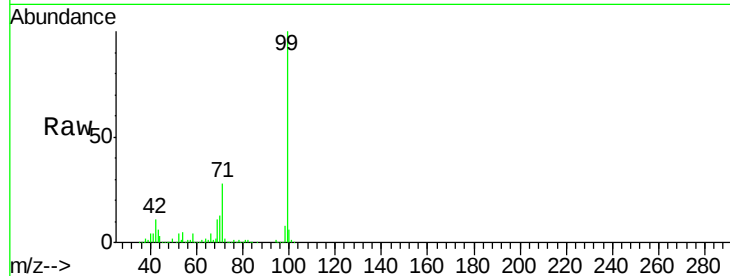


#5

2-Fluorophenol
Concen: 114.13 ng
RT: 5.54 min Scan# 285
Delta R.T. -0.03 min
Lab File: BF085405.D
Acq: 12 Mar 2016 8:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	49.0	73.4
63	28.4	24.8	37.2





#7

Phenol-d6

Concen: 124.02 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085405.D

Acq: 12 Mar 2016 8:02

Tgt Ion: 99 Resp: 1493619

Ion Ratio Lower Upper

99 100

42 11.1 13.6 20.4#

71 27.5 26.7 40.1

Instrument :

BNA_F

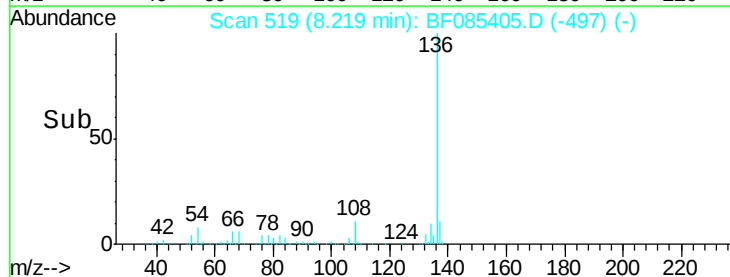
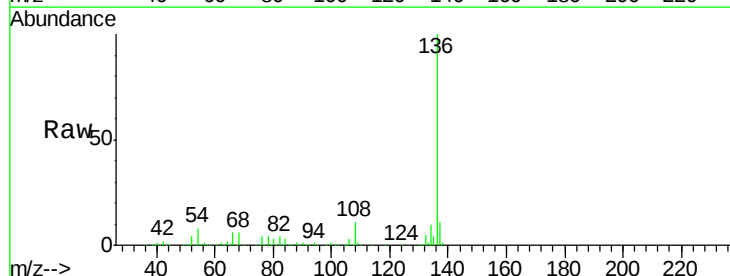
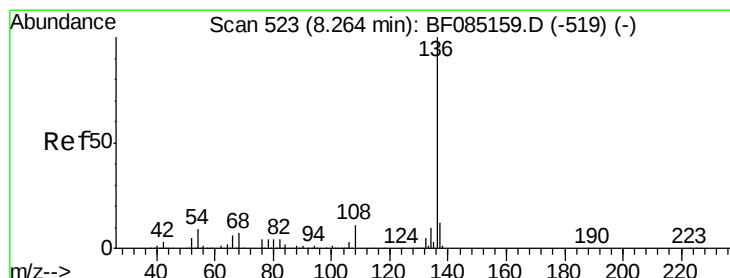
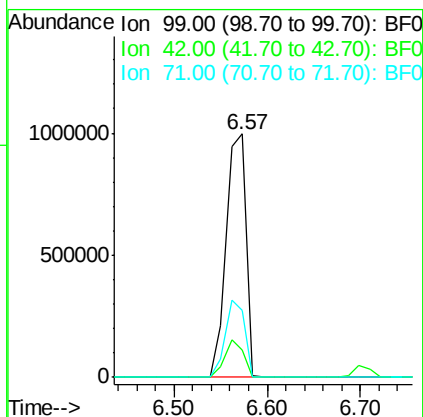
ClientSampleId :

W170TH-SB-17-COMP(0.5-1.5)

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085405.D

Acq: 12 Mar 2016 8:02

Tgt Ion: 136 Resp: 575310

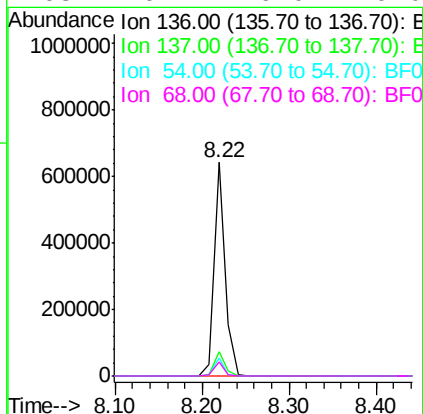
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 8.3 7.4 11.2

68 6.4 6.0 9.0





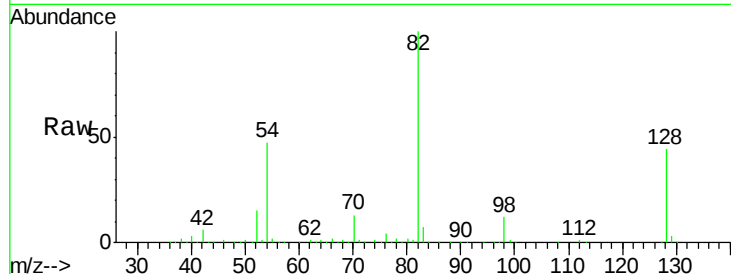
#23
Nitrobenzene-d5
Concen: 74.10 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF085405.D
Acq: 12 Mar 2016 8:02

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-17-COMP(0.5-1.5)

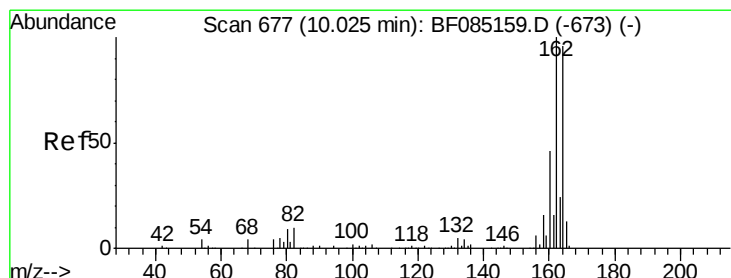
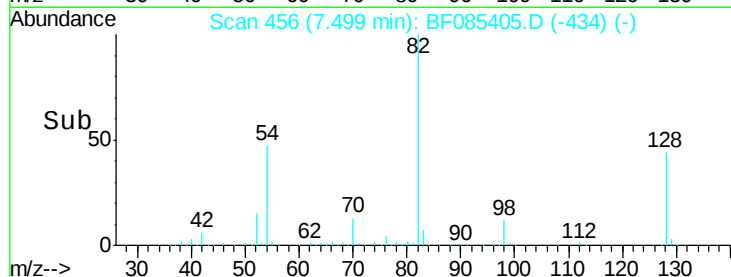
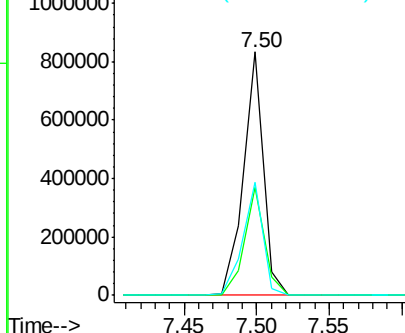
Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	44.2	34.5	51.7
54	46.5	39.3	58.9

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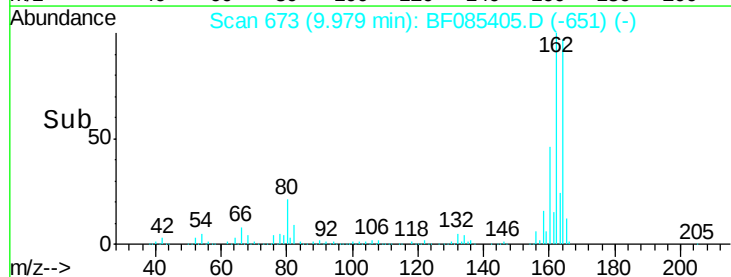
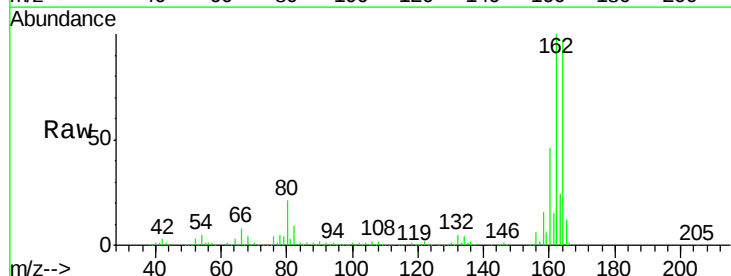
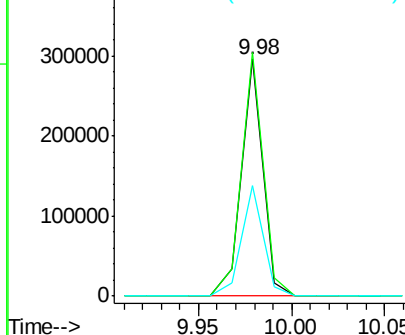
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF085405.D
Acq: 12 Mar 2016 8:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	102.9	83.3	124.9
160	47.0	37.9	56.9

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





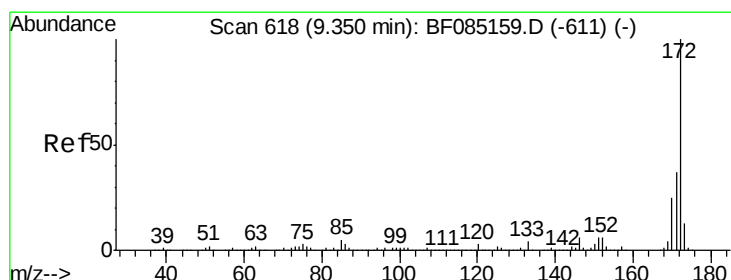
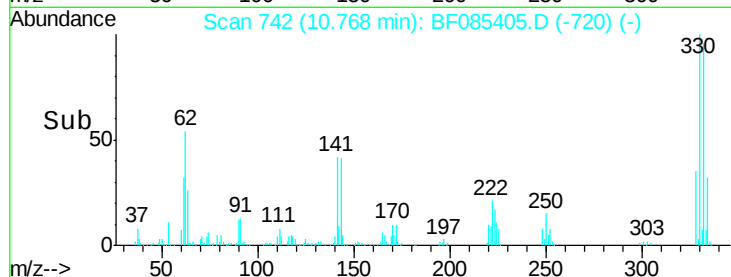
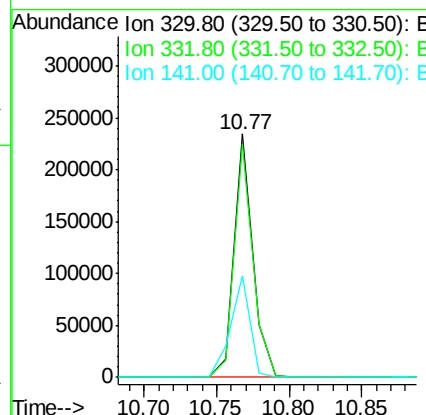
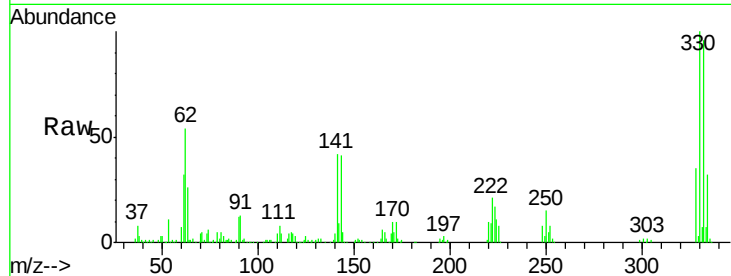
#41
 2,4,6-Tribromophenol
 Concen: 102.94 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085405.D
 Acq: 12 Mar 2016 8:02

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-17-COMP(0.5-1.5)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	209685		
332	96.3	77.1	115.7	
141	43.9	35.0	52.6	

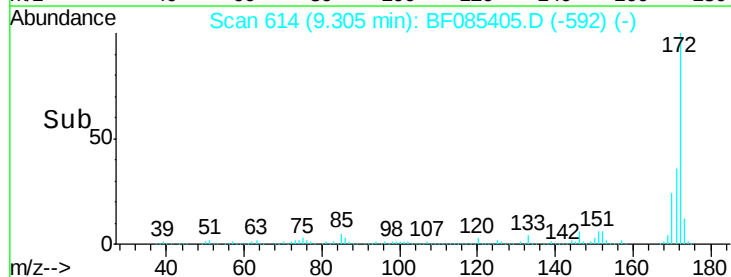
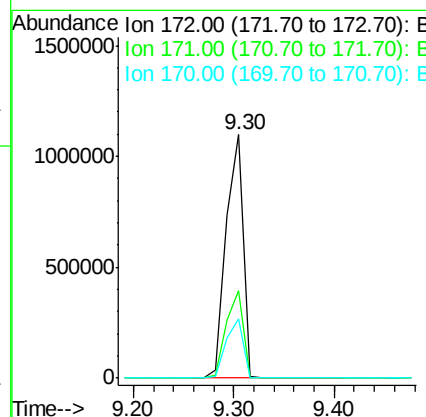
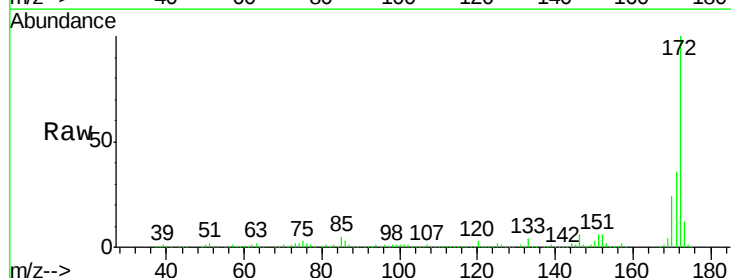
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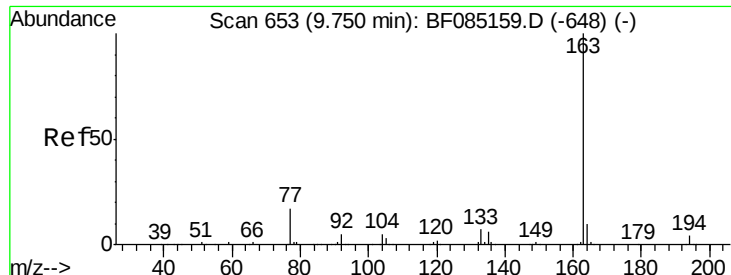
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#44
 2-Fluorobiphenyl
 Concen: 82.33 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085405.D
 Acq: 12 Mar 2016 8:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1288625		
171	35.8	29.3	43.9	
170	24.1	20.0	30.0	





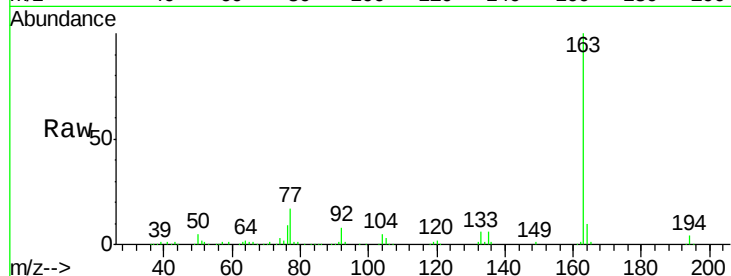
#49
Dimethylphthalate
Concen: 12.51 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.06 min
Lab File: BF085405.D
Acq: 12 Mar 2016 8:02

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-17-COMP(0.5-1.5)

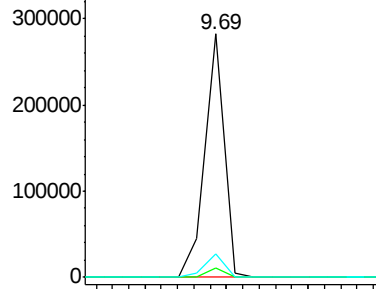
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	3.1	4.7
164	9.8	8.2	12.4

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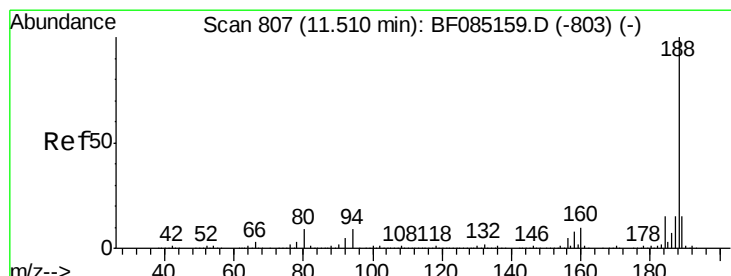
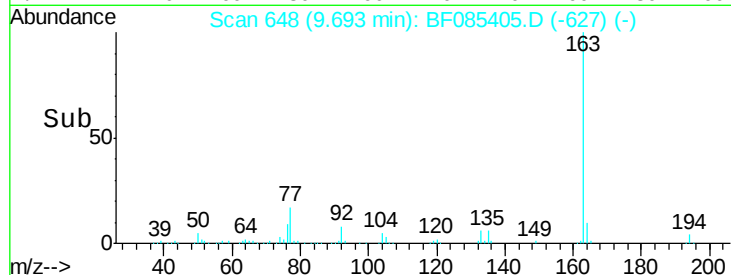
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

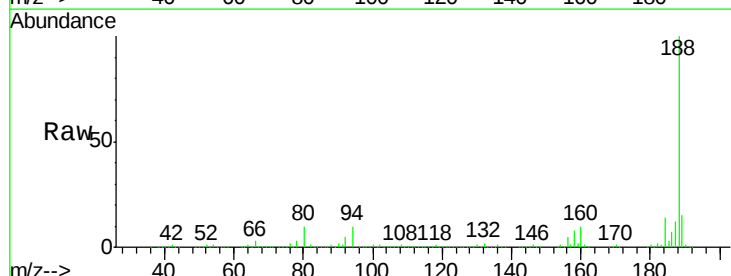


Time-->

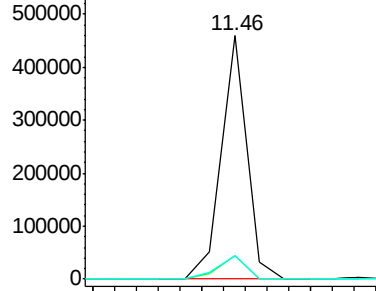


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085405.D
Acq: 12 Mar 2016 8:02

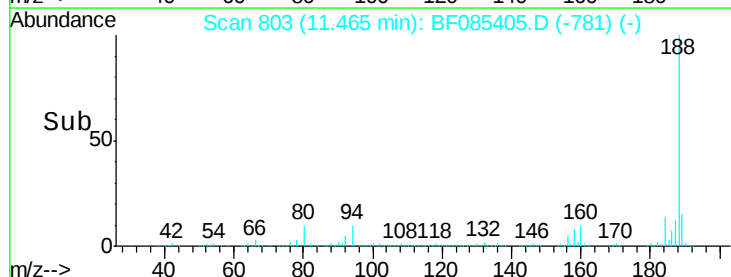
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.5	7.0	10.6
80	9.7	7.4	11.0

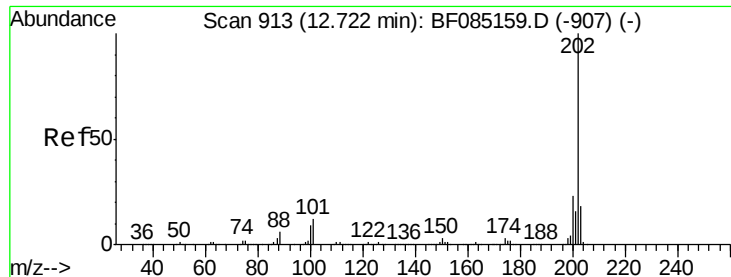


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



Time-->





#74

Fluoranthene

Concen: 2.85 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF085405.D

Acq: 12 Mar 2016 8:02

Instrument :

BNA_F

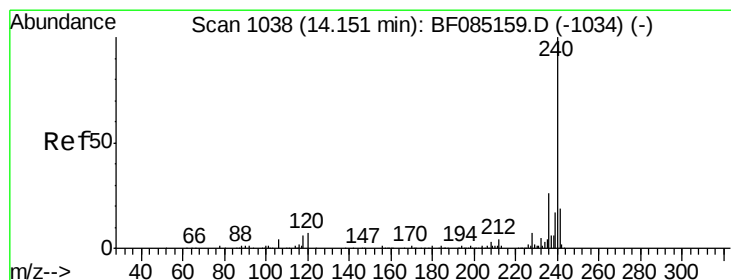
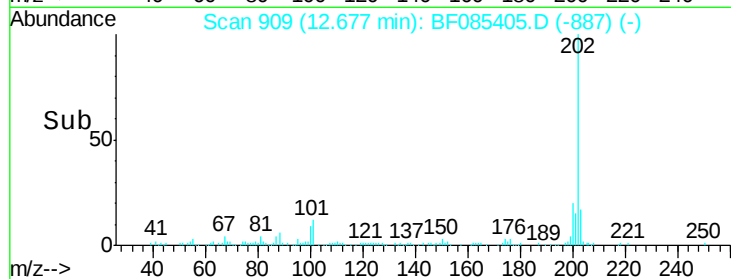
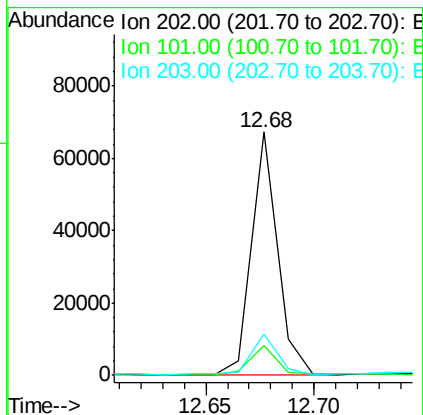
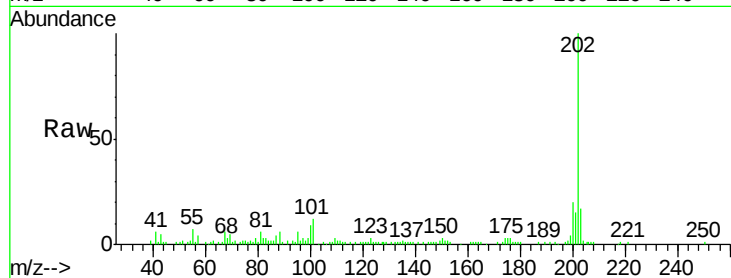
ClientSampleId :

W170TH-SB-17-COMP(0.5-1.5)

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		56111		
101	12.3	0.0	31.8		
203	17.2	0.0	38.4		

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#75

Chrysene-d12

Concen: 20.00 ng

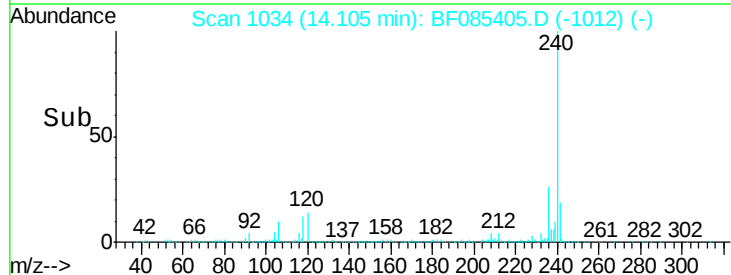
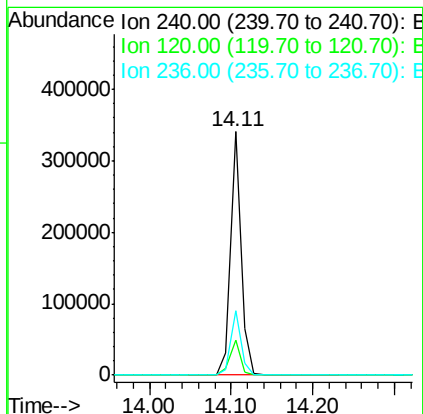
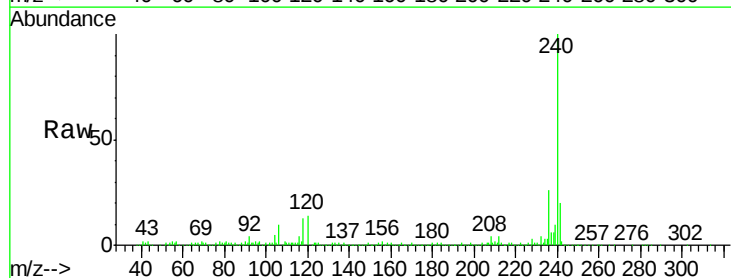
RT: 14.11 min Scan# 1034

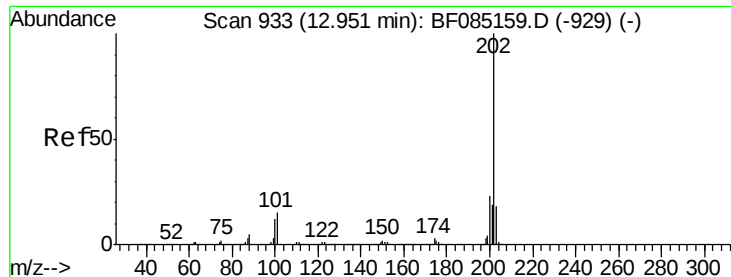
Delta R.T. -0.05 min

Lab File: BF085405.D

Acq: 12 Mar 2016 8:02

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		305755		
120	14.5	5.3	7.9#		
236	26.4	20.7	31.1		





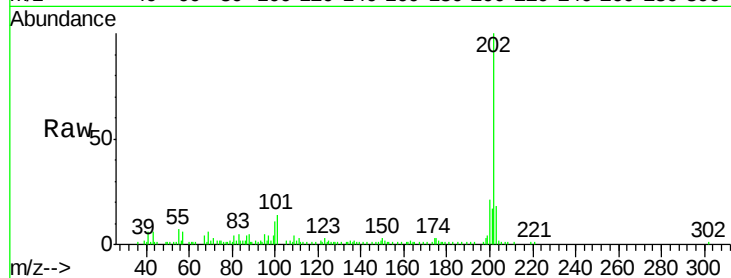
#77
 Pyrene
 Concen: 2.33 ng
 RT: 12.91 min Scan# 929
 Delta R.T. -0.05 min
 Lab File: BF085405.D
 Acq: 12 Mar 2016 8:02

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-17-COMP(0.5-1.5)

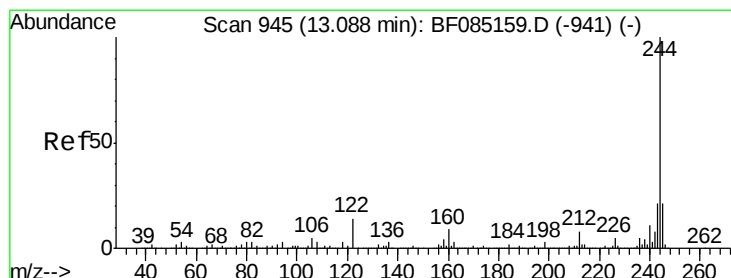
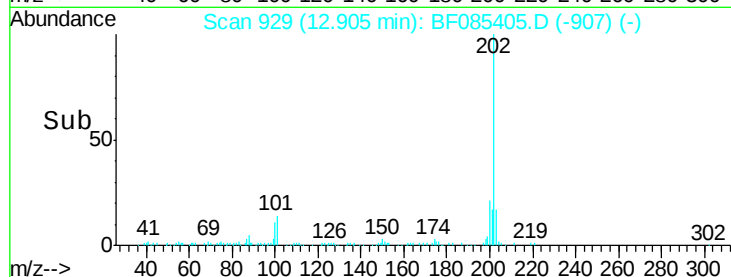
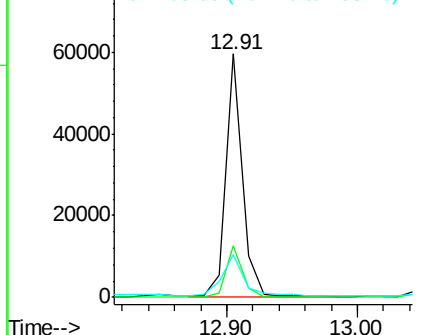
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	53510		
200	21.0	18.2	27.4	
203	17.7	14.7	22.1	

Manual Integrations
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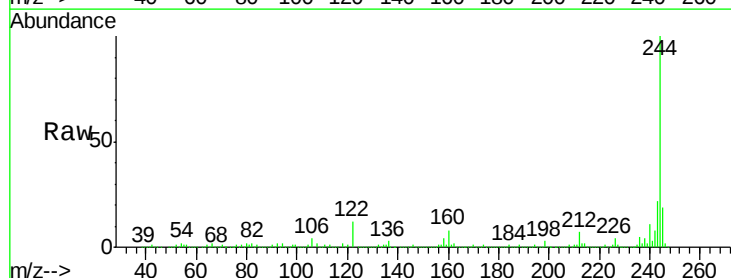


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

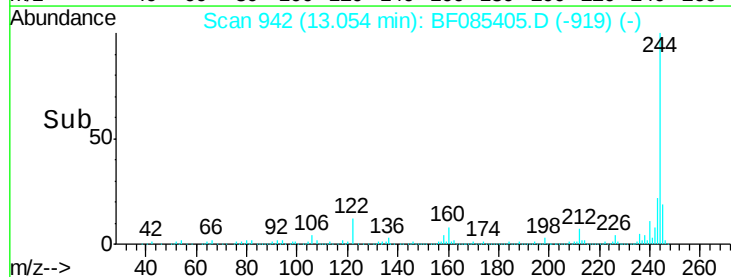
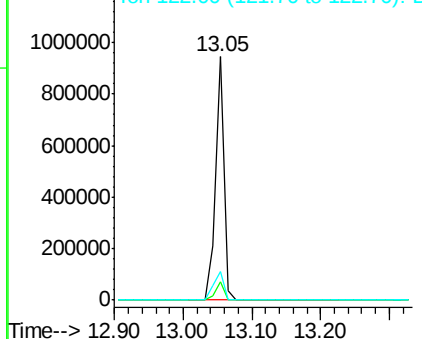


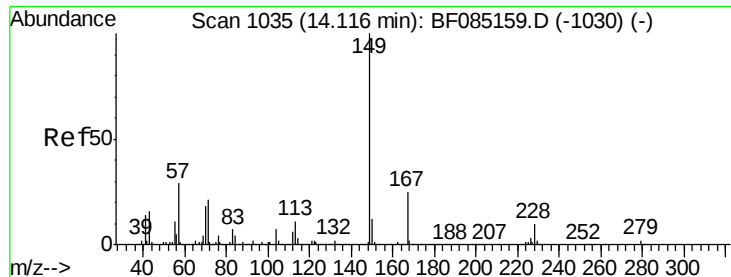
#78
 Terphenyl-d14
 Concen: 62.70 ng
 RT: 13.05 min Scan# 942
 Delta R.T. -0.03 min
 Lab File: BF085405.D
 Acq: 12 Mar 2016 8:02

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	825819		
212	7.3	6.4	9.6	
122	11.9	11.4	17.2	



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 14.81 ng

RT: 14.08 min Scan# 1032

Delta R.T. -0.03 min

Lab File: BF085405.D

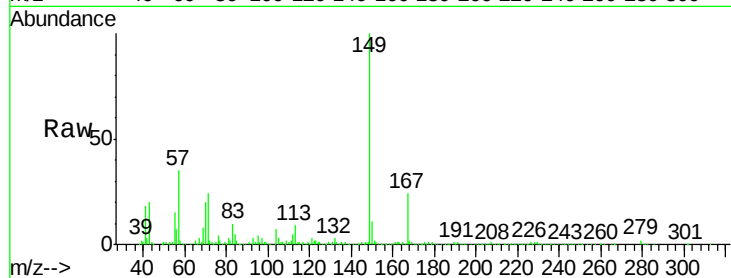
Acq: 12 Mar 2016 8:02

Instrument :

BNA_F

ClientSampleId :

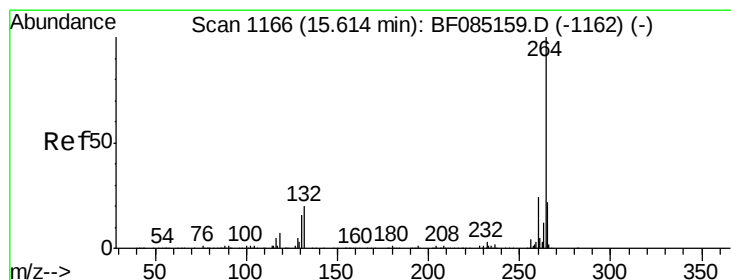
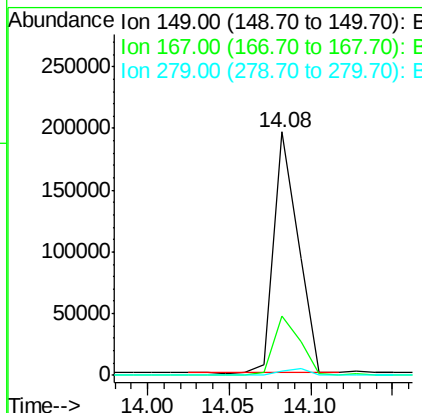
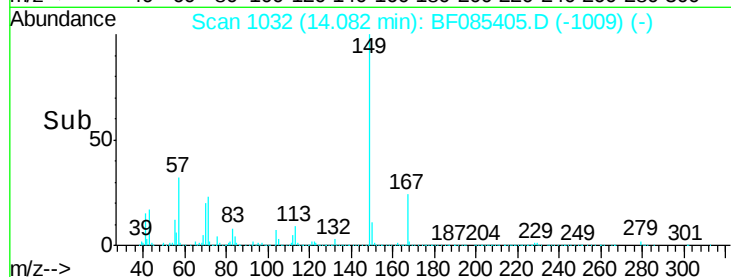
W170TH-SB-17-COMP(0.5-1.5)



Tgt Ion:	149	Resp:	203496
Ion Ratio	Lower	Upper	
149	100		
167	24.4	20.3	30.5
279	1.7	1.9	2.9#

Manual Integrations
APPROVED

UMANGI
3/14/2016 10:46:11 AM



#86

Perylene-d12

Concen: 20.00 ng

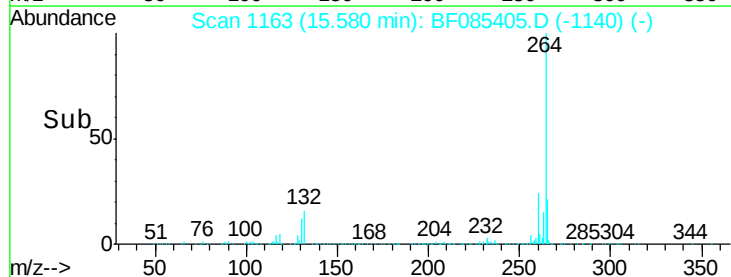
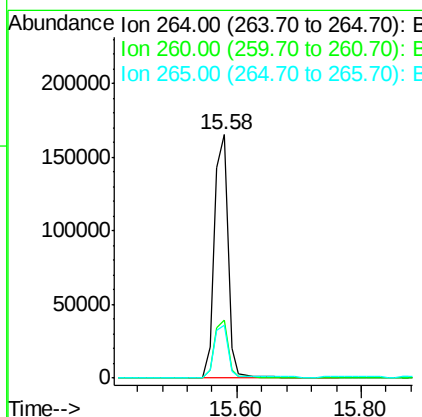
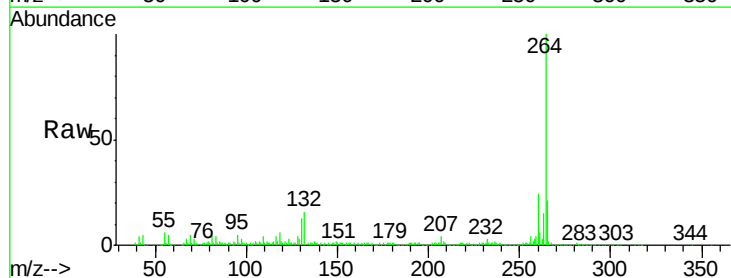
RT: 15.58 min Scan# 1163

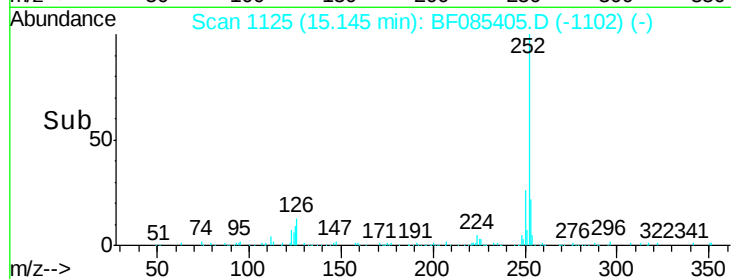
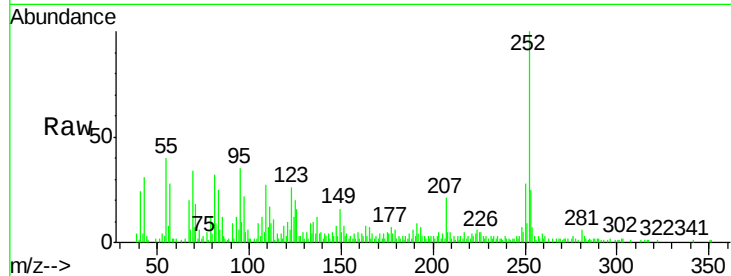
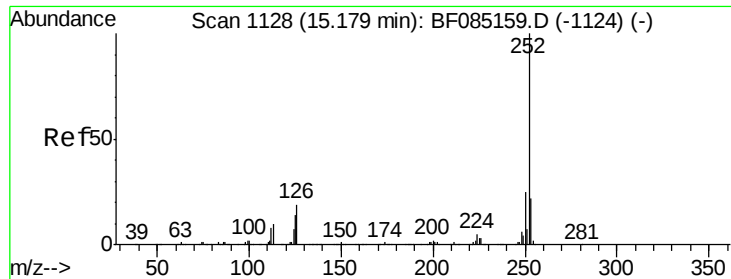
Delta R.T. -0.03 min

Lab File: BF085405.D

Acq: 12 Mar 2016 8:02

Tgt Ion:	264	Resp:	243971
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	21.5	17.3	25.9





#87
 Benzo(b)fluoranthene
 Concen: 2.24 ng m
 RT: 15.15 min Scan# 1125
 Delta R.T. -0.03 min
 Lab File: BF085405.D
 Acq: 12 Mar 2016 8:02

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-17-COMP(0.5-1.5)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.6
125	20.4	11.3	16.9

Manual Integrations
 APPROVED

UMANGI
 3/14/2016 10:46:11 AM

