

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF085005.D
 Acq On : 10 Feb 2016 20:55
 Operator : SJ/IZ
 Sample : H1409-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B019(0-2)

Manual Integrations
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 2/11/2016 10:46:57 AM

Quant Time: Feb 11 00:57:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	143188	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	544246	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	227382	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	375226	20.00	ng	0.00
75) Chrysene-d12	13.77	240	301023	20.00	ng	0.00
86) Perylene-d12	15.13	264	254018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	385571	41.94	ng	0.01
7) Phenol-d6	6.28	99	1119805	98.26	ng	0.00
23) Nitrobenzene-d5	7.20	82	840626	87.01	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	60784	25.63	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1139440	84.07	ng	0.00
78) Terphenyl-d14	12.73	244	765925	57.66	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.39	163	242699	14.01	ng	# 91
70) Phenanthrene	11.16	178	56551	2.72	ng	99
74) Fluoranthene	12.34	202	79046	3.75	ng	97
77) Pyrene	12.57	202	70373	3.05	ng	98

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

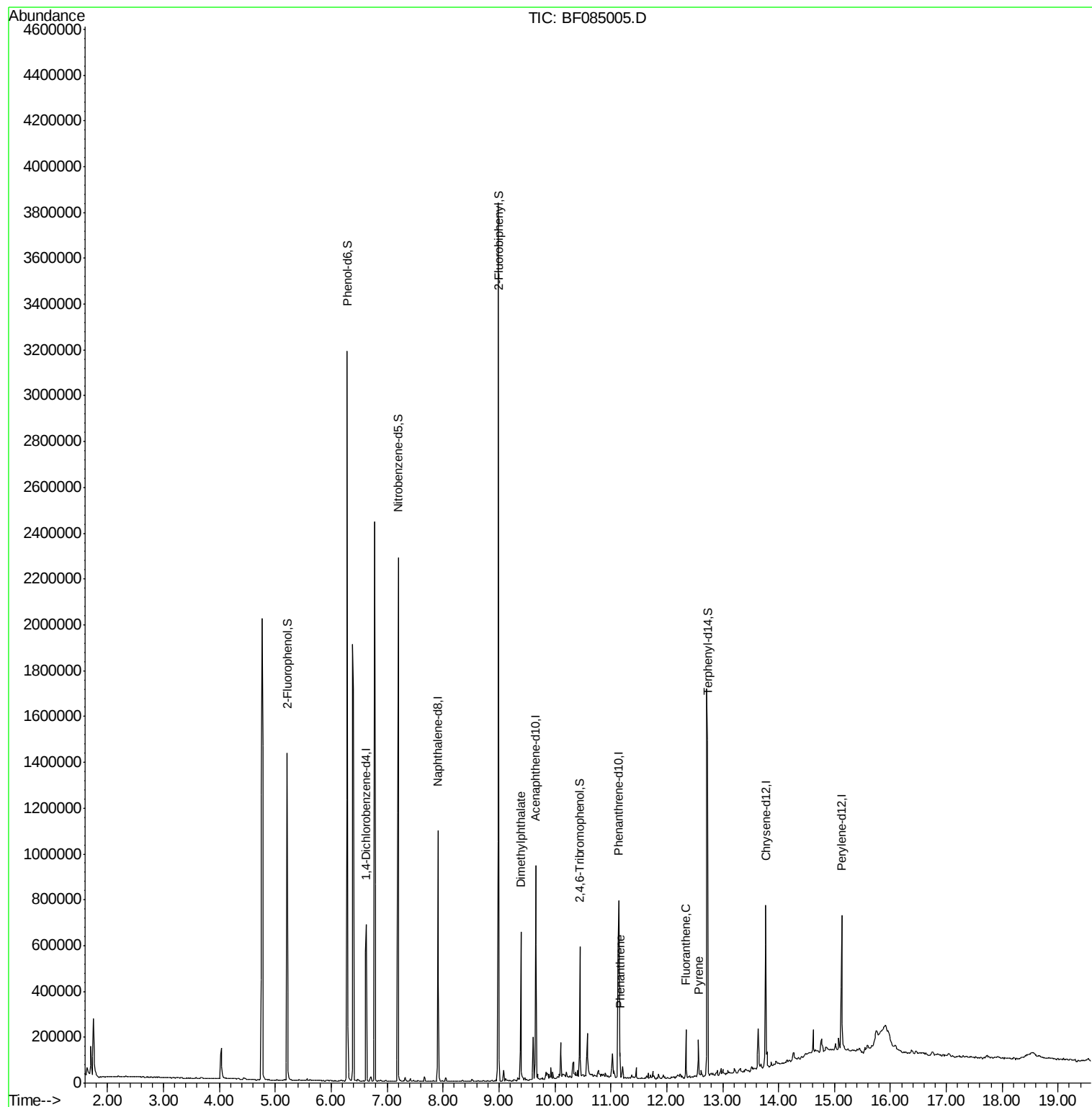
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085005.D
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ALS Vial : 23 Sample Multiplier: 1

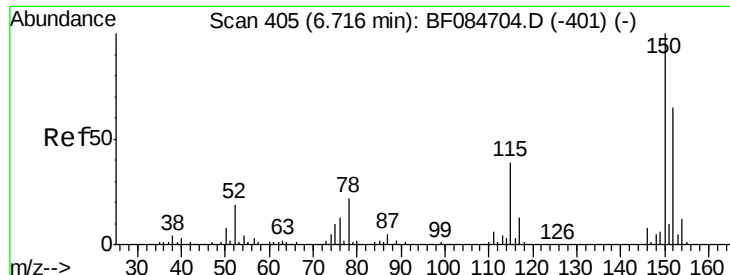
Instrument :
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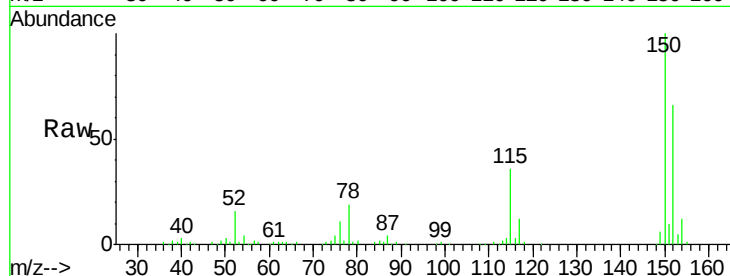




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF085005.D
Acq: 10 Feb 2016 20:55

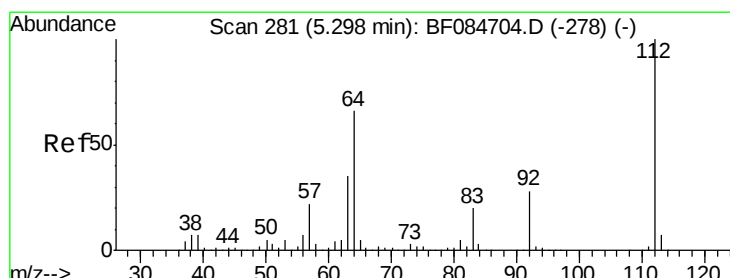
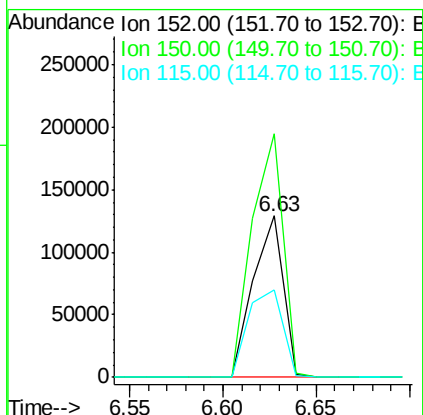
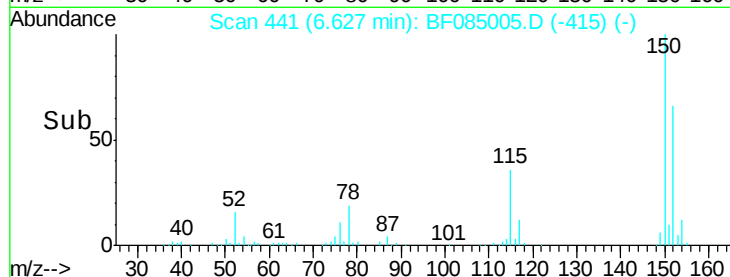
Instrument :
BNA_F
ClientSampleId :
SUP-B019(0-2)



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	143188		
150	150.9	123.0	184.4	
115	54.6	51.4	77.2	

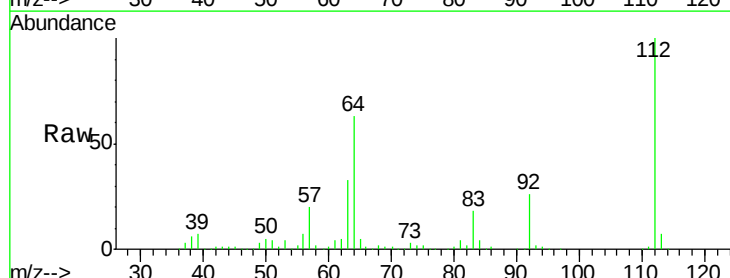
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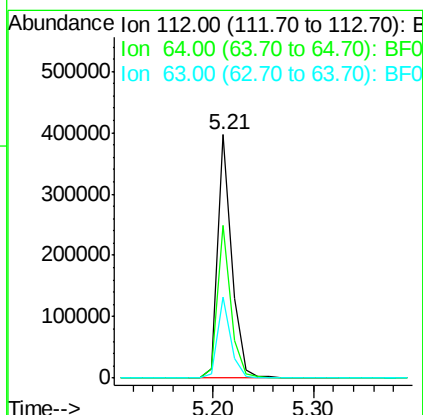
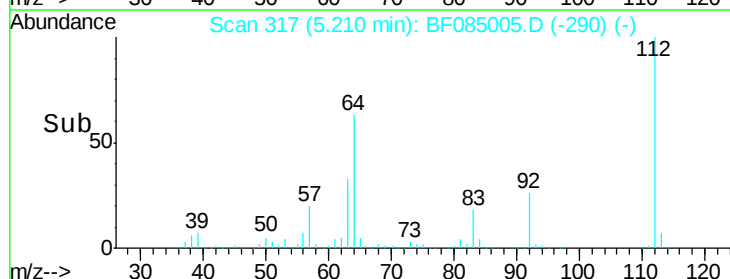


#5

2-Fluorophenol
Concen: 41.94 ng
RT: 5.21 min Scan# 317
Delta R.T. 0.01 min
Lab File: BF085005.D
Acq: 10 Feb 2016 20:55



Tgt Ion	Ratio	Resp	Lower	Upper
112	100	385571		
64	62.7	36.6	55.0#	
63	33.1	19.4	29.0#	





#7

Phenol-d6

Concen: 98.26 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF085005.D

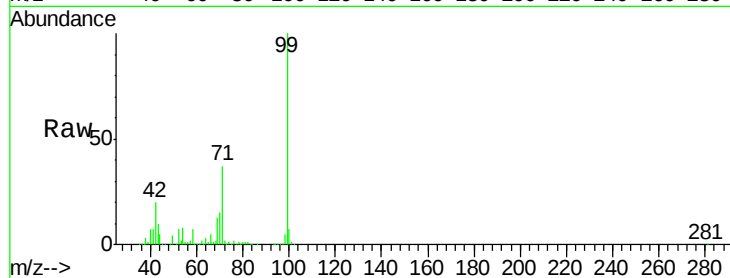
Acq: 10 Feb 2016 20:55

Instrument :

BNA_F

ClientSampleId :

SUP-B019(0-2)



Tgt Ion: 99 Resp: 1119805

Ion Ratio Lower Upper

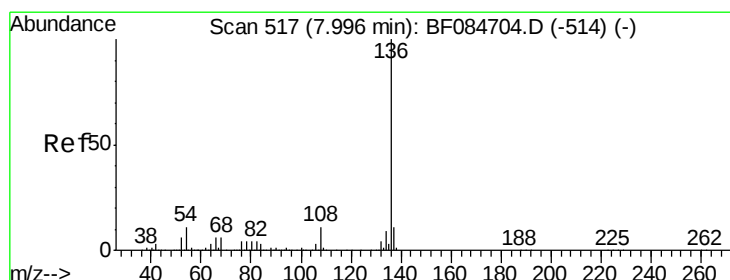
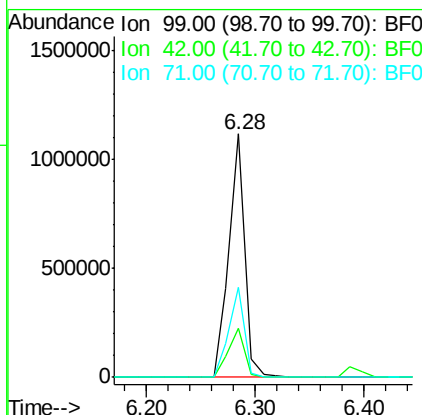
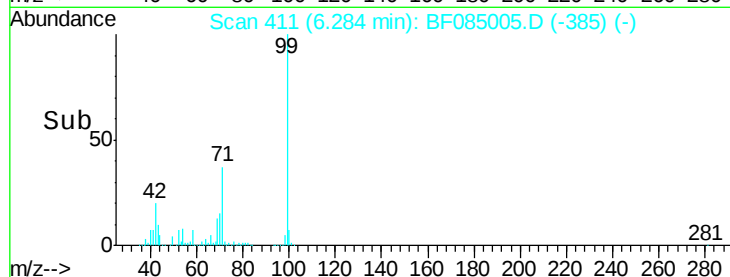
99 100

42 19.9 12.8 19.2#

71 36.8 30.9 46.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF085005.D

Acq: 10 Feb 2016 20:55

Tgt Ion: 136 Resp: 544246

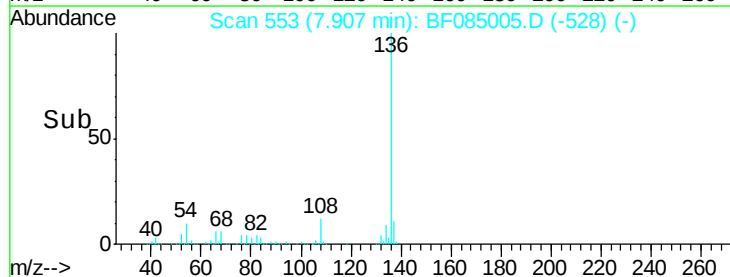
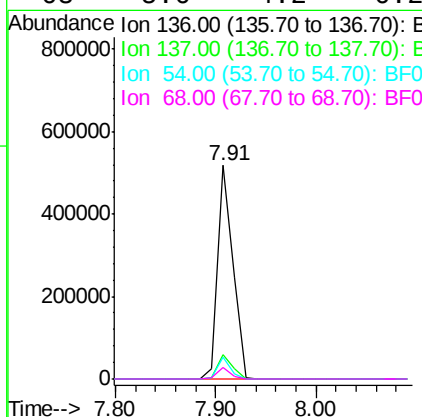
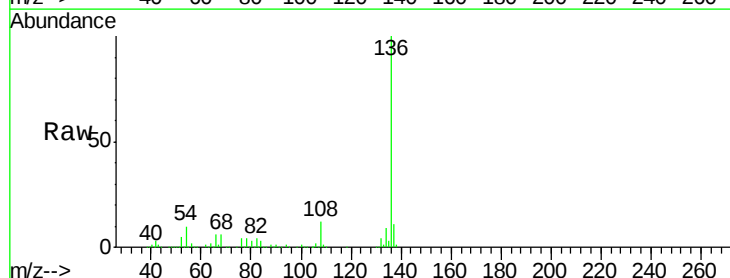
Ion Ratio Lower Upper

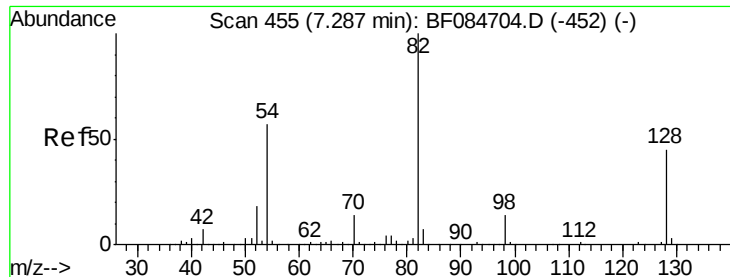
136 100

137 11.2 8.7 13.1

54 10.4 5.8 8.8#

68 5.6 4.2 6.2





#23

Nitrobenzene-d5

Concen: 87.01 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF085005.D

Acq: 10 Feb 2016 20:55

Instrument :

BNA_F

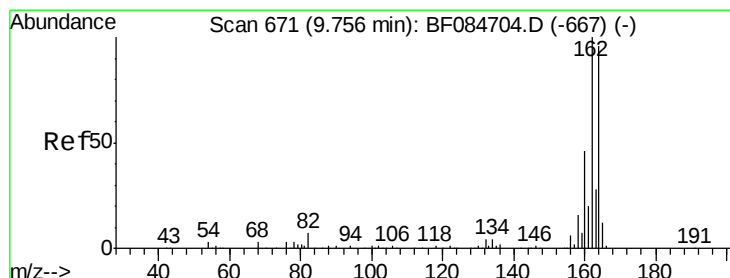
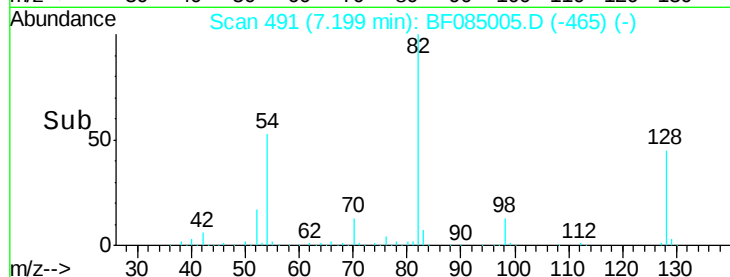
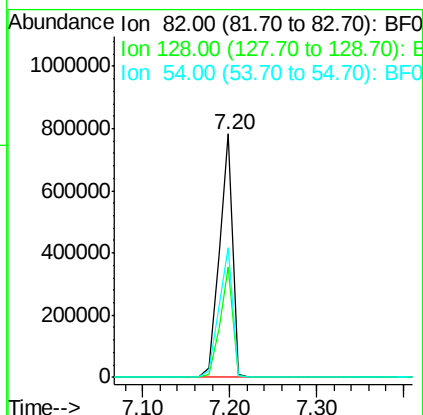
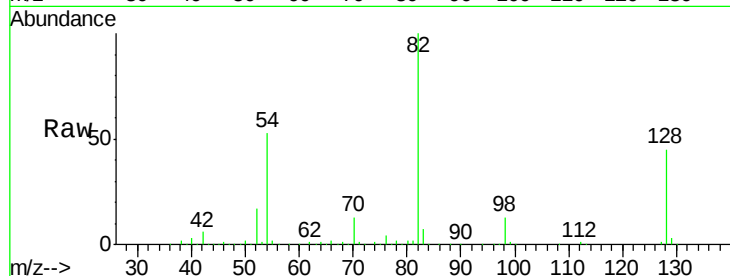
ClientSampled :

SUP-B019(0-2)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.6	51.8
54	53.3	38.4	57.6

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#38

Acenaphthene-d10

Concen: 20.00 ng

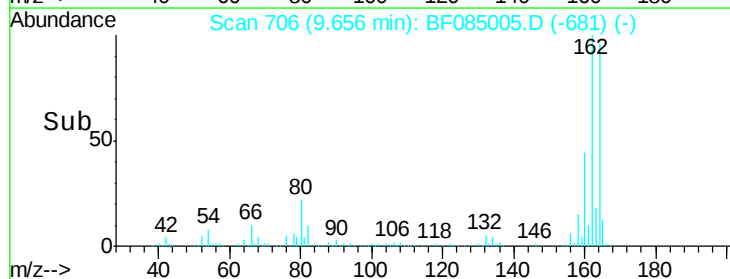
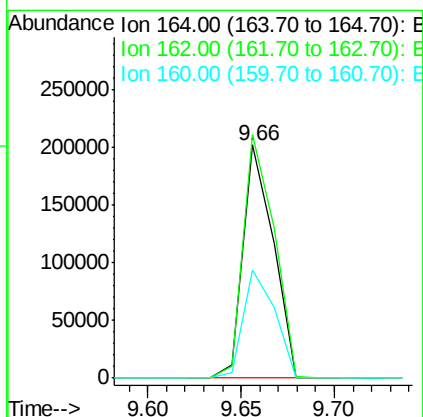
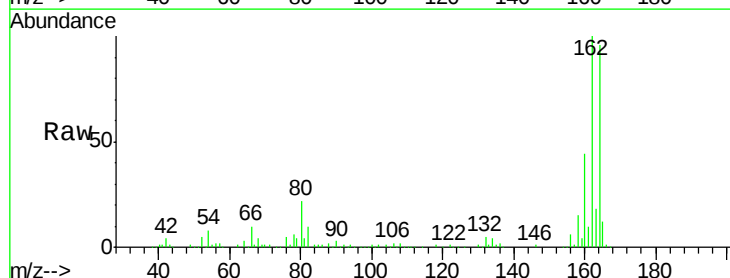
RT: 9.66 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF085005.D

Acq: 10 Feb 2016 20:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.1	127.7
160	46.4	37.5	56.3





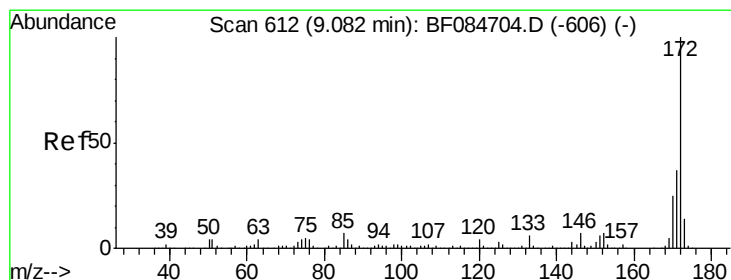
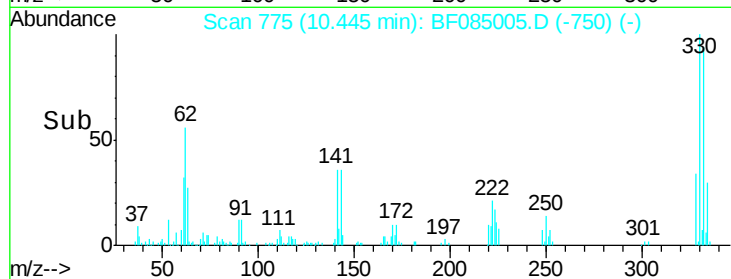
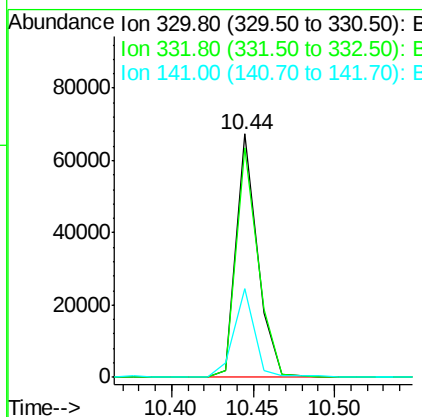
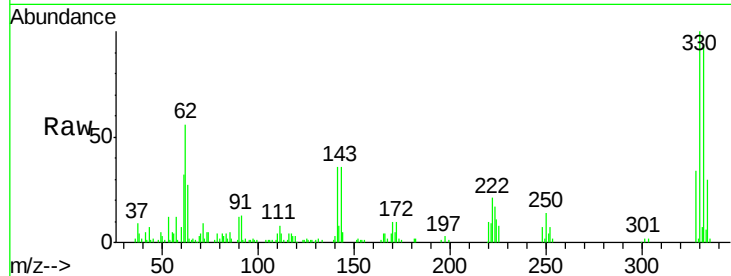
#41
 2,4,6-Tribromophenol
 Concen: 25.63 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085005.D
 Acq: 10 Feb 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B019(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	60784		
332	96.7	76.6	114.8	
141	35.6	27.8	41.6	

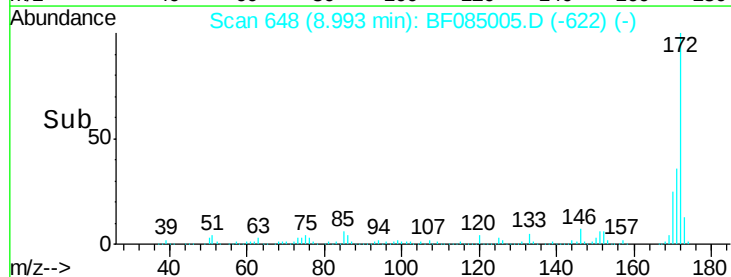
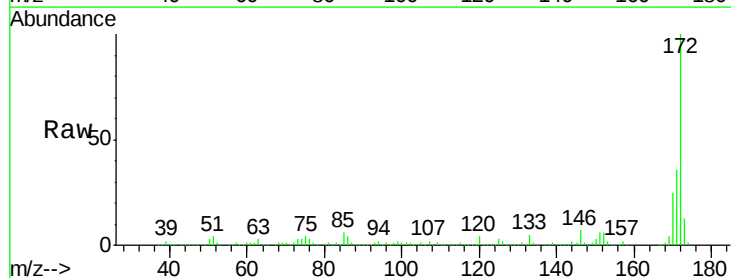
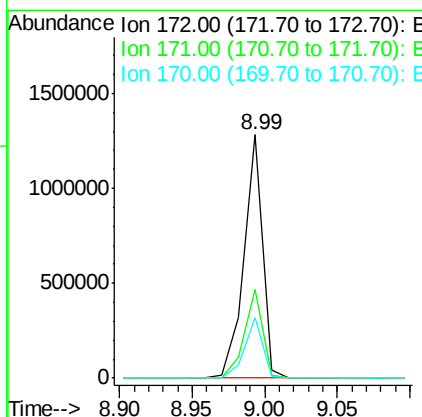
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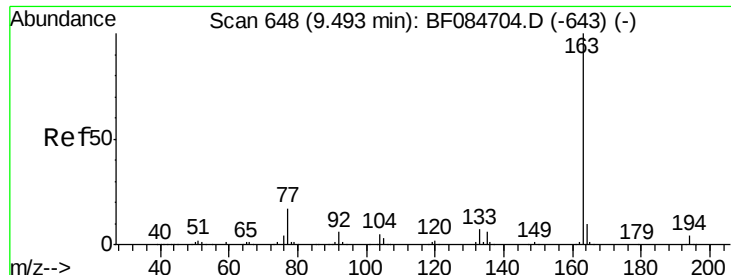
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#44
 2-Fluorobiphenyl
 Concen: 84.07 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF085005.D
 Acq: 10 Feb 2016 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1139440		
171	36.4	28.9	43.3	
170	24.8	18.6	27.8	





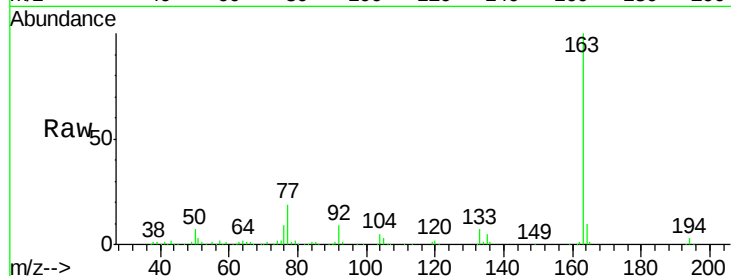
#49
Dimethylphthalate
Concen: 14.01 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085005.D
Acq: 10 Feb 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SUP-B019(0-2)

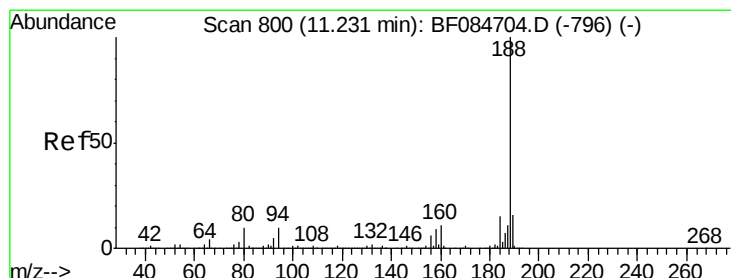
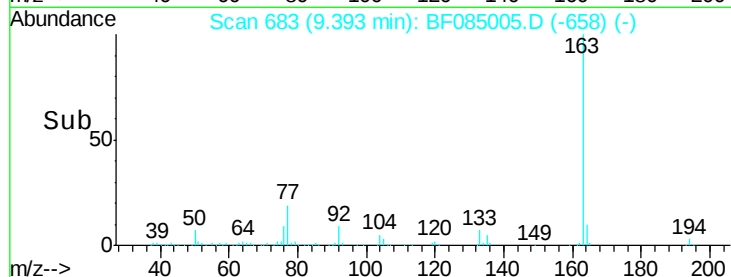
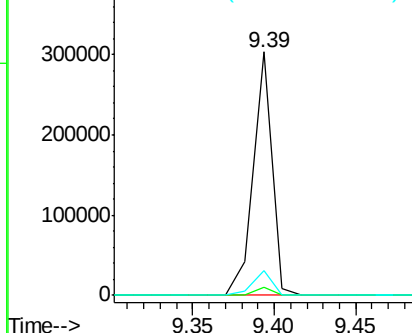
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	8.0	12.0#
164	10.2	8.0	12.0

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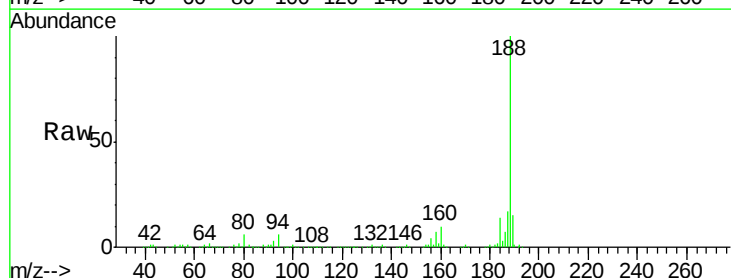


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

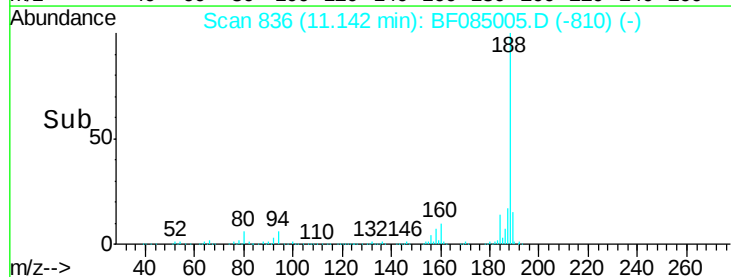
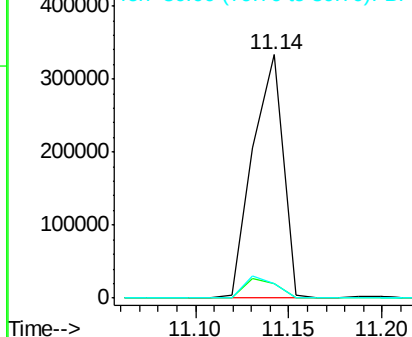


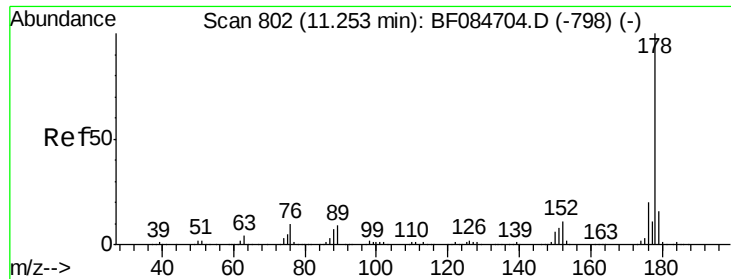
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF085005.D
Acq: 10 Feb 2016 20:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.0	9.0	13.4#
80	5.9	9.6	14.4#



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





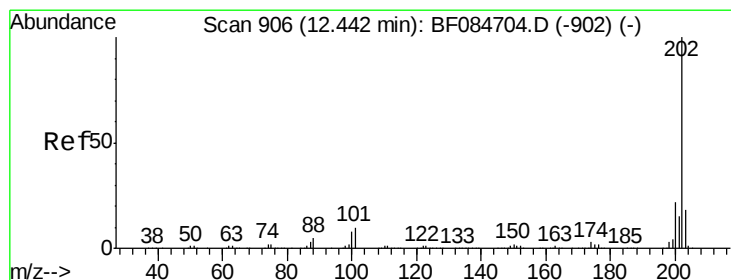
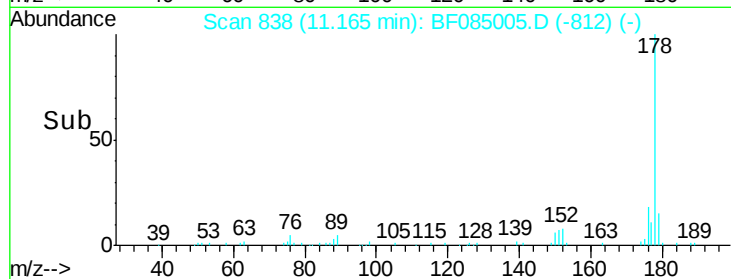
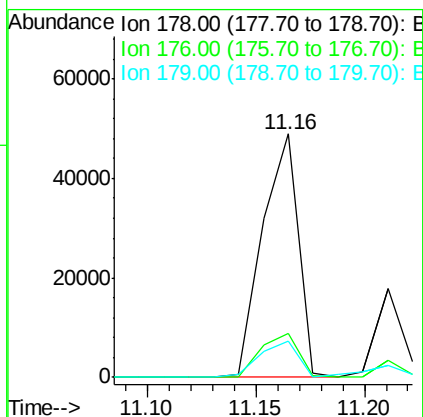
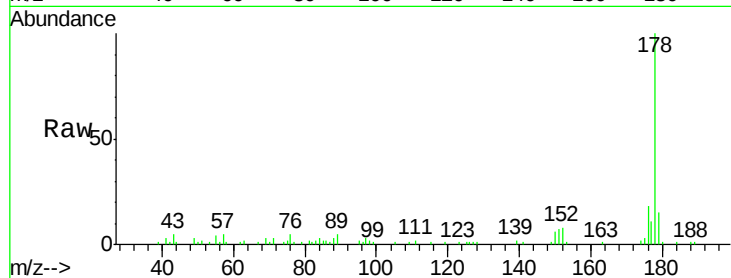
#70
Phenanthrene
Concen: 2.72 ng
RT: 11.16 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF085005.D
Acq: 10 Feb 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SUP-B019(0-2)

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.3	22.9
179	14.8	12.0	18.0

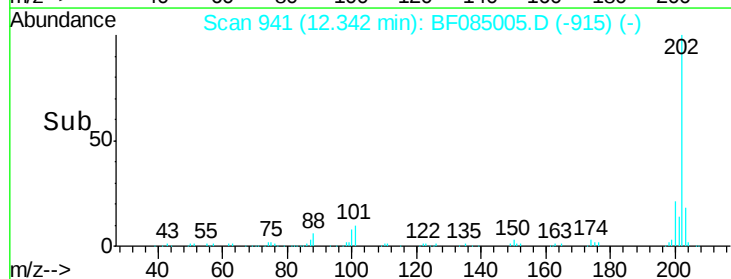
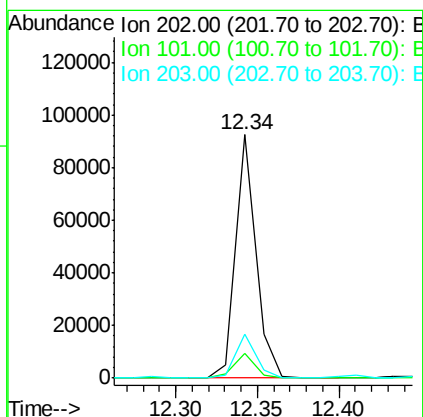
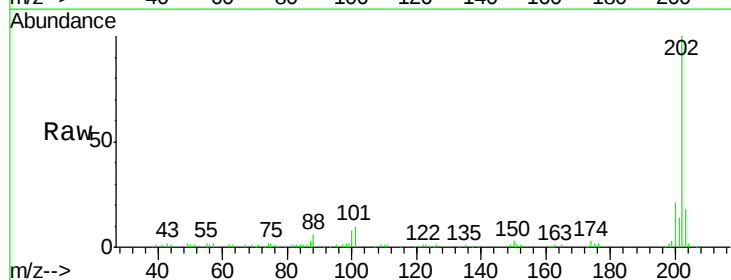
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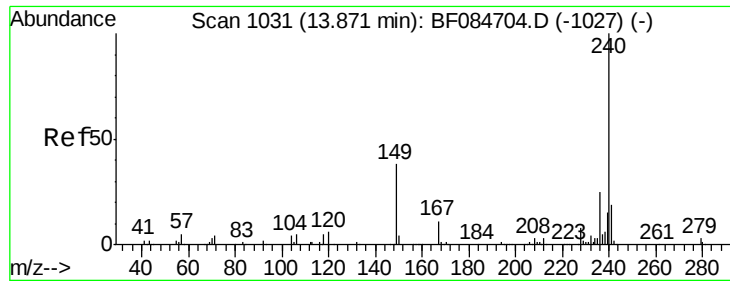
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#74
Fluoranthene
Concen: 3.75 ng
RT: 12.34 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF085005.D
Acq: 10 Feb 2016 20:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	32.8
203	18.0	0.0	37.9





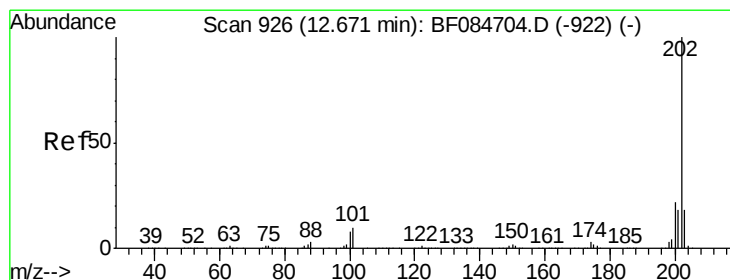
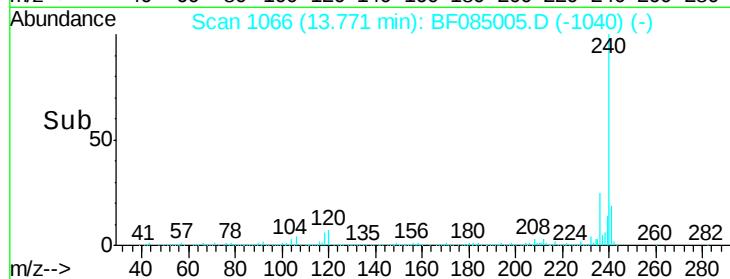
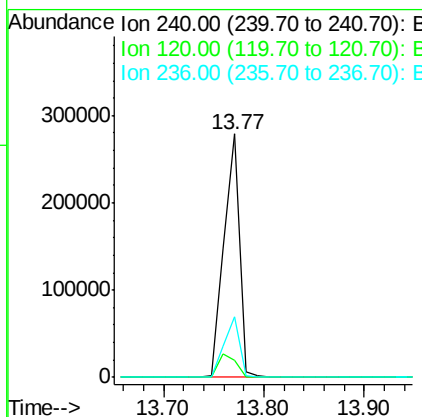
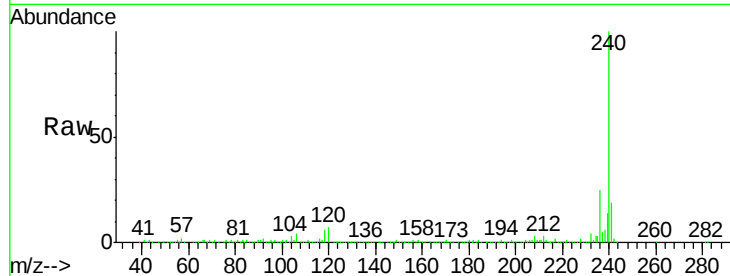
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF085005.D
Acq: 10 Feb 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SUP-B019(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	301023		
120	6.8	9.5	14.3	#
236	25.0	20.6	31.0	

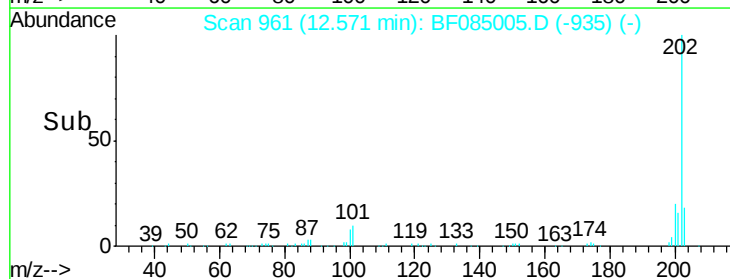
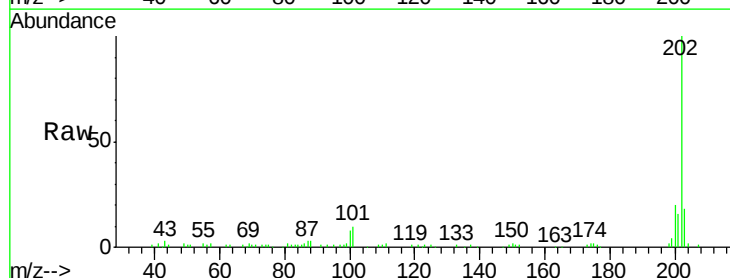
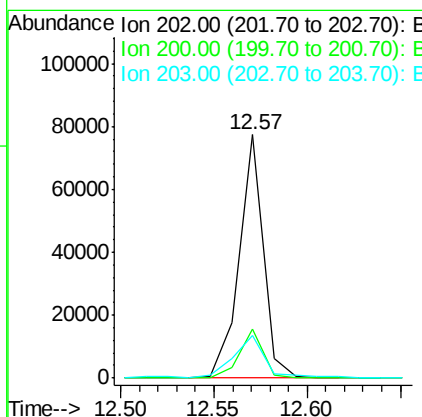
Manual Integrations
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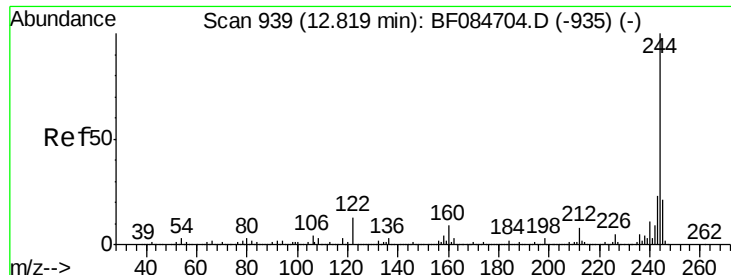
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#77
Pyrene
Concen: 3.05 ng
RT: 12.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF085005.D
Acq: 10 Feb 2016 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	70373		
200	20.0	17.2	25.8	
203	17.6	14.3	21.5	





#78

Terphenyl-d14

Concen: 57.66 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF085005.D

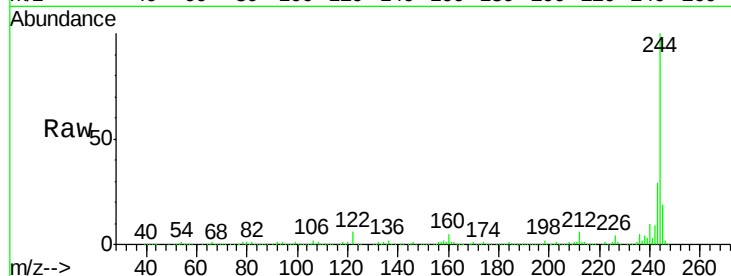
Acq: 10 Feb 2016 20:55

Instrument :

BNA_F

ClientSampleId :

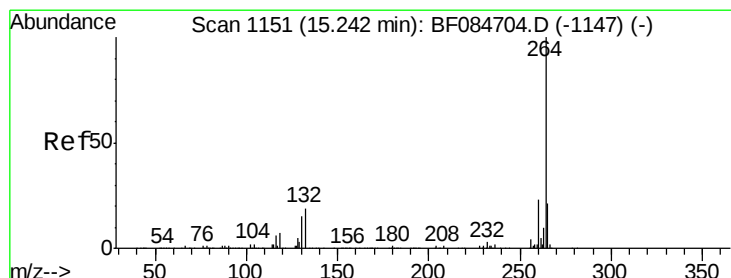
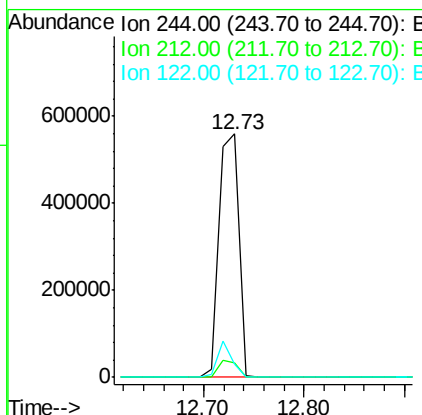
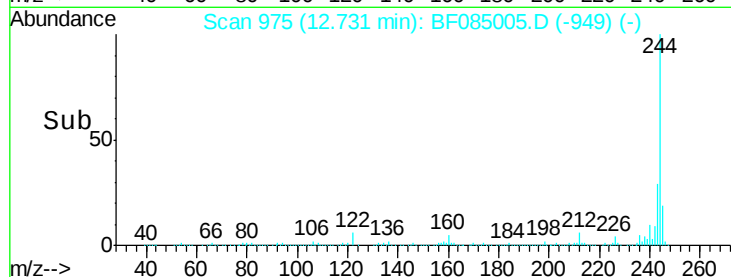
SUP-B019(0-2)



Tgt Ion	Ratio	Resp	Lower	Upper
244	100	765925		
212	6.0	5.7	8.5	
122	5.6	7.4	11.0	

Manual Integrations
APPROVED

UMANGI
2/11/2016 10:46:57 AM



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.13 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF085005.D

Acq: 10 Feb 2016 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	254018		
260	22.9	19.4	29.2	
265	22.8	17.8	26.6	

