

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079145.D
 Acq On : 12 May 2015 7:07
 Operator : TP/IZ
 Sample : G2176-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-29(0-3)

Manual Integrations
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Quant Time: May 12 08:07:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 06:55:06 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	45550	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	198521	20.00	ng	0.00
38) Acenaphthene-d10	11.05	164	104604	20.00	ng	0.00
63) Phenanthrene-d10	12.90	188	208073	20.00	ng	0.01
75) Chrysene-d12	16.19	240	235196	20.00	ng	0.00
86) Perylene-d12	17.94	264	250185	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	236714	89.46	ng	0.00
7) Phenol-d6	6.87	99	342986	98.06	ng	0.01
23) Nitrobenzene-d5	7.99	82	189839	54.96	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	108001	95.44	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	398895	53.13	ng	0.00
78) Terphenyl-d14	14.89	244	516307	52.56	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.73	163	22977	2.99	ng	98
74) Fluoranthene	14.40	202	35383	2.92	ng	97
77) Pyrene	14.69	202	37197	2.74	ng	96
87) Benzo(b)fluoranthene	17.49	252	32320m	2.36	ng	

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

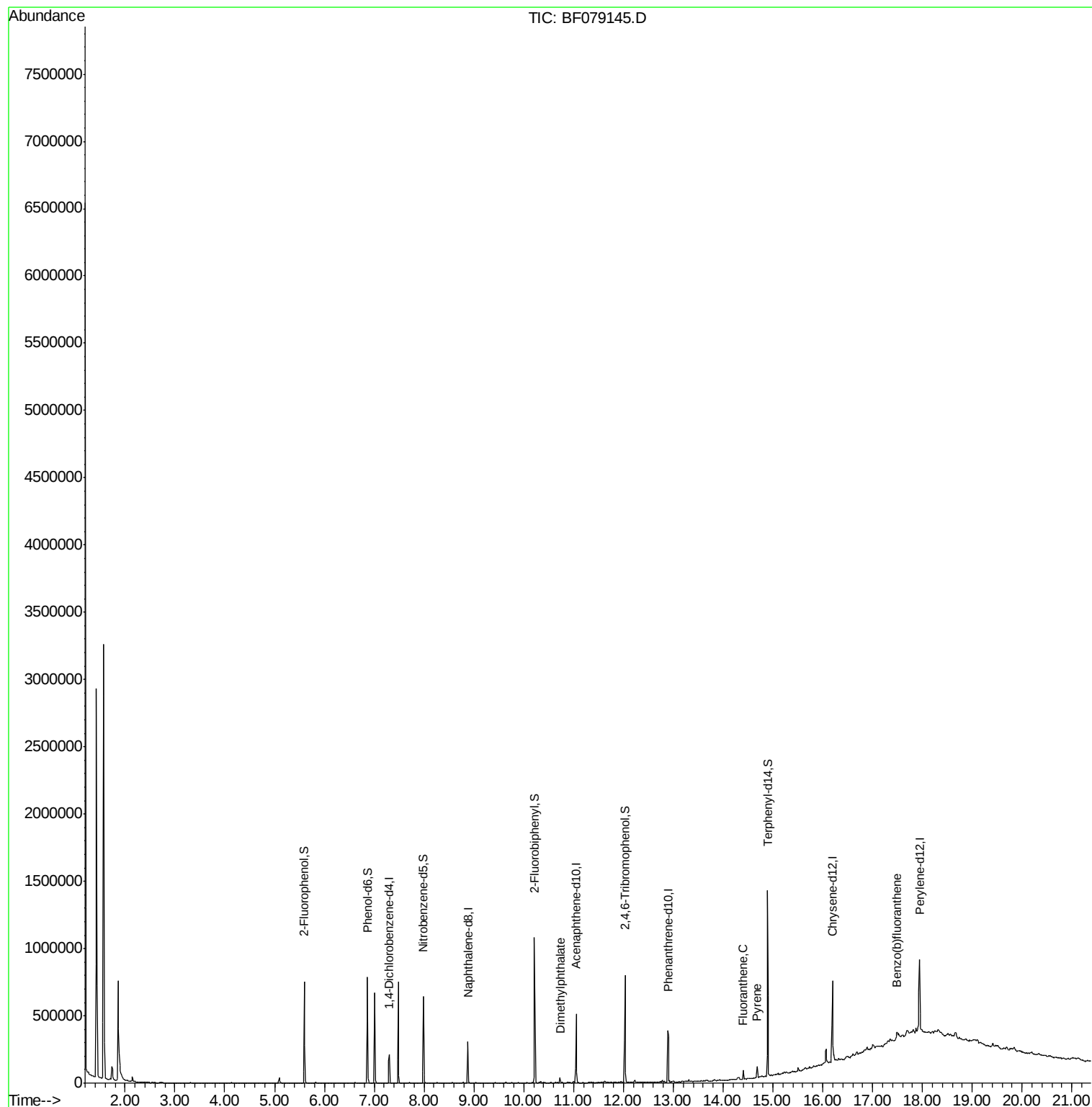
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079145.D
Acq On : 12 May 2015 7:07
Operator : TP/IZ
Sample : G2176-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

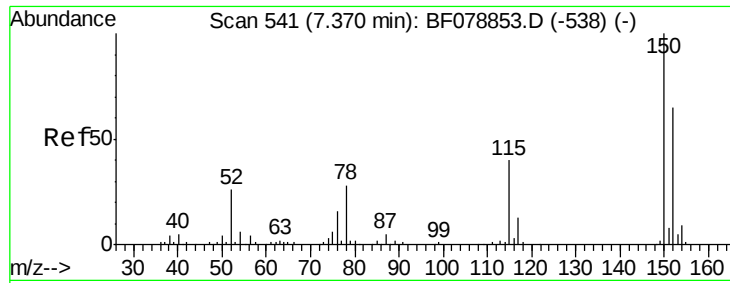
Instrument :
BNA_F
ClientSampleId :
PS-29(0-3)

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Quant Time: May 12 08:07:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
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Response via : Initial Calibration





#1

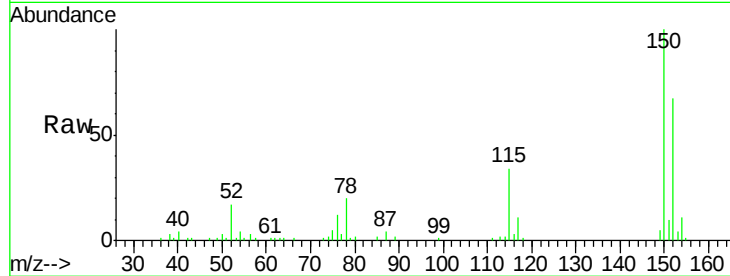
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF079145.D
Acq: 12 May 2015 7:07

Instrument :
BNA_F
ClientSampleId :
PS-29(0-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.9	122.0	183.0
115	51.2	46.3	69.5

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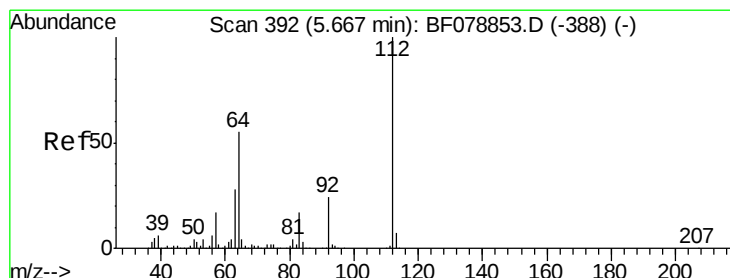
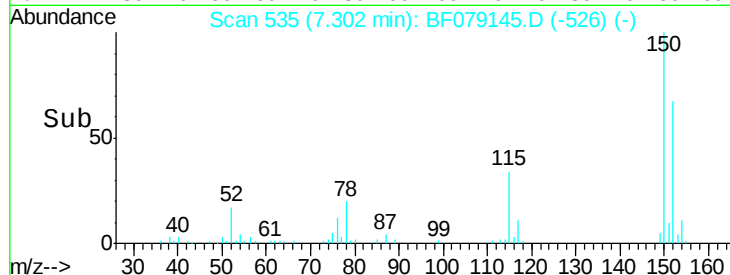
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

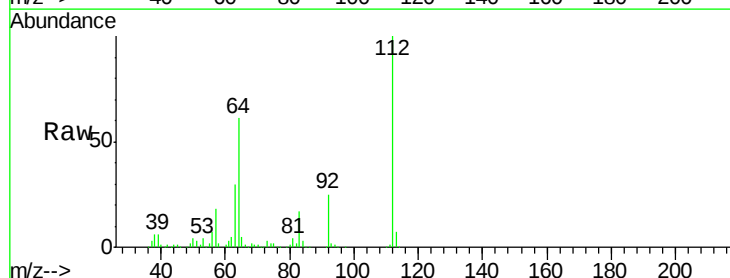
Time-->



#5

2-Fluorophenol
Concen: 89.46 ng
RT: 5.60 min Scan# 386
Delta R.T. 0.00 min
Lab File: BF079145.D
Acq: 12 May 2015 7:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	53.5	80.3
63	29.9	27.5	41.3



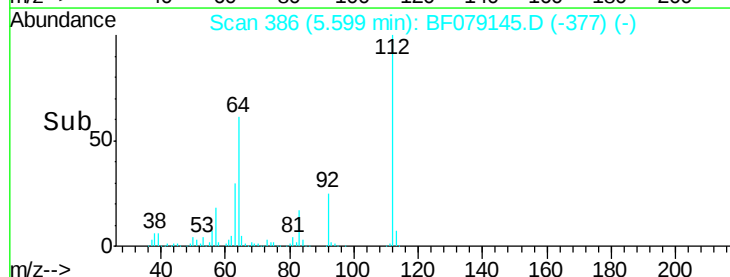
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->





#7

Phenol-d6

Concen: 98.06 ng

RT: 6.87 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF079145.D

Acq: 12 May 2015 7:07

Instrument :

BNA_F

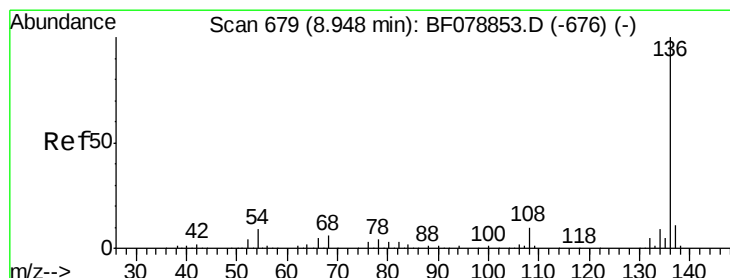
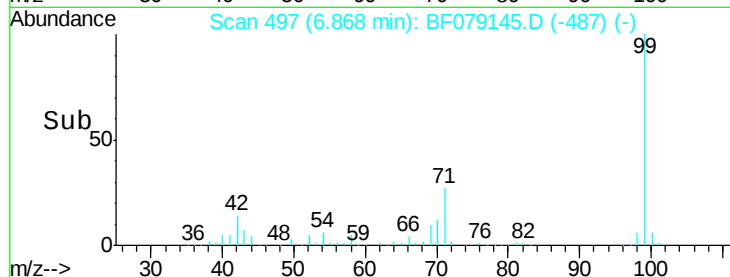
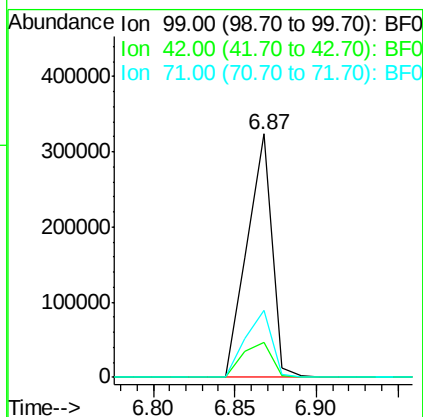
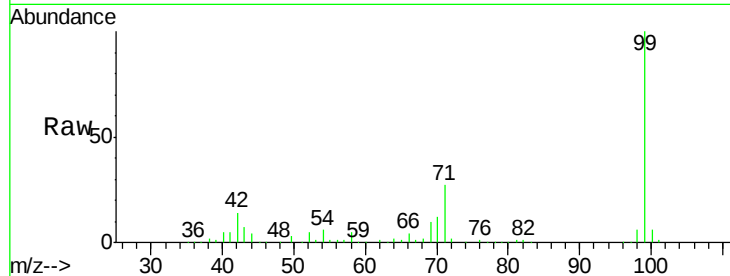
ClientSampleId :

PS-29(0-3)

Tot Ion:	99	Resp:	342986
Ion Ratio	Lower	Upper	
99	100		
42	14.3	12.8	19.2
71	27.3	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.00 ng

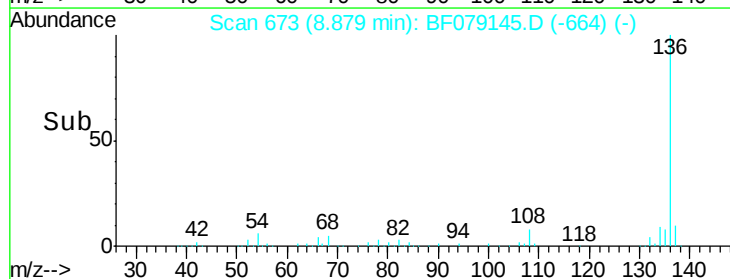
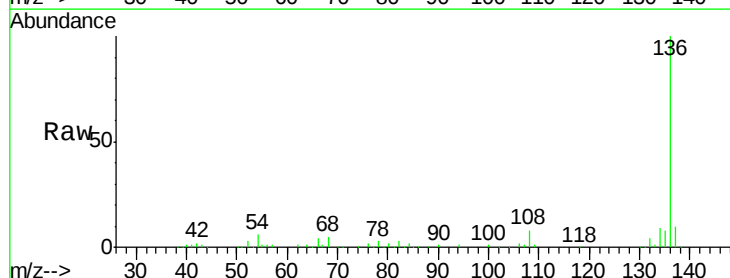
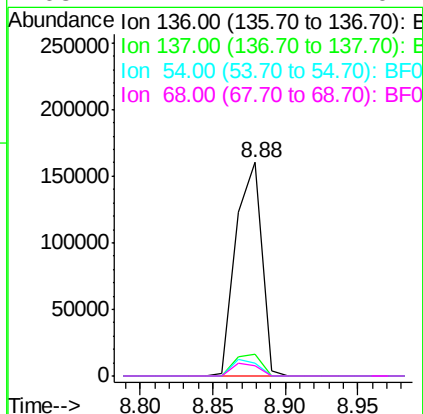
RT: 8.88 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF079145.D

Acq: 12 May 2015 7:07

Tgt Ion:	136	Resp:	198521
Ion Ratio	Lower	Upper	
136	100		
137	10.1	8.7	13.1
54	5.8	5.8	8.8#
68	4.7	4.2	6.4





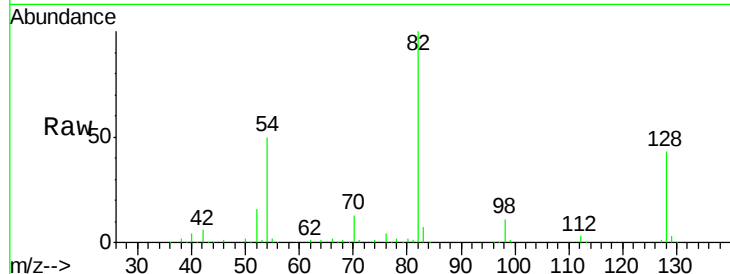
#23
 Nitrobenzene-d5
 Concen: 54.96 ng
 RT: 7.99 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF079145.D
 Acq: 12 May 2015 7:07

Instrument :
 BNA_F
 ClientSampleId :
 PS-29(0-3)

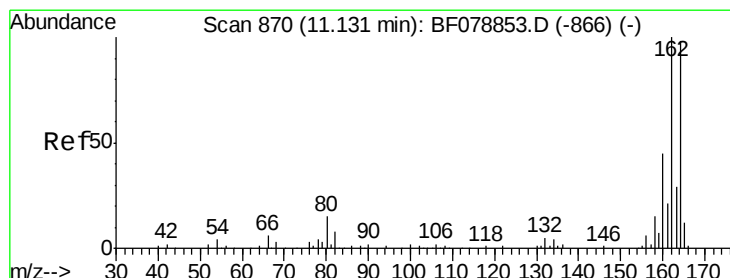
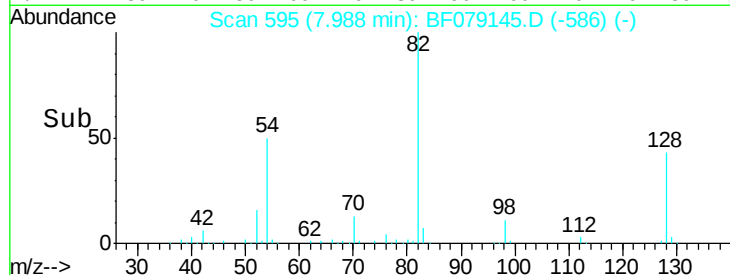
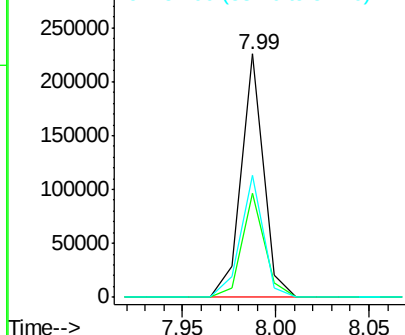
Tot Ion:	82	Resp:	189839
Ion Ratio		Lower	Upper
82	100		
128	42.6	30.0	45.0
54	50.0	46.4	69.6

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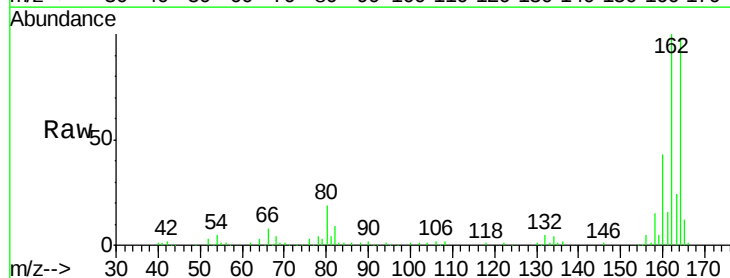


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

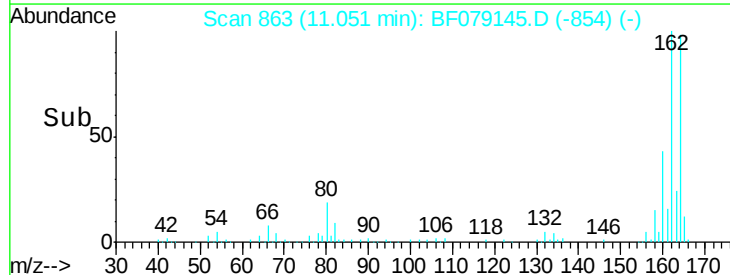
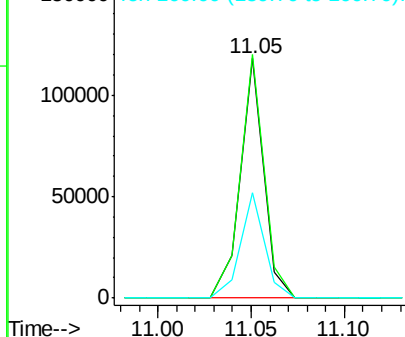


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BF079145.D
 Acq: 12 May 2015 7:07

Tgt Ion:	164	Resp:	104604
Ion Ratio		Lower	Upper
164	100		
162	101.7	82.7	124.1
160	44.2	35.8	53.8



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





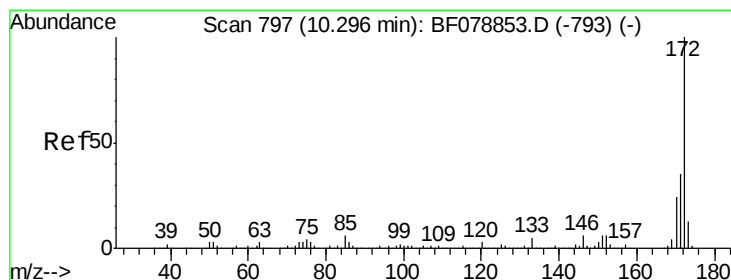
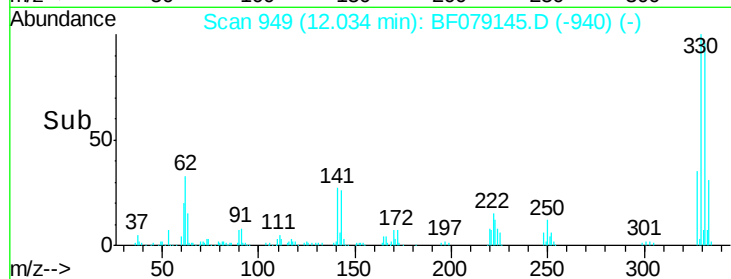
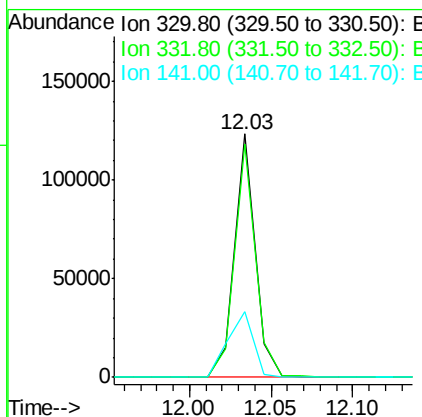
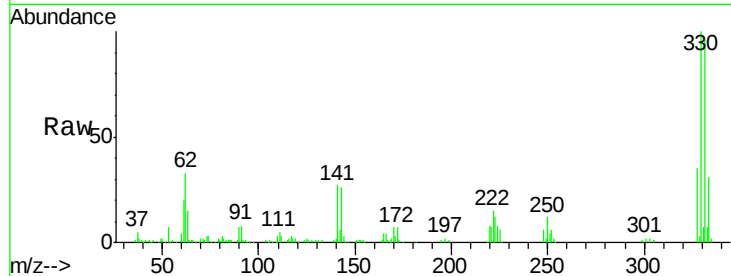
#41
 2,4,6-Tribromophenol
 Concen: 95.44 ng
 RT: 12.03 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF079145.D
 Acq: 12 May 2015 7:07

Instrument :
 BNA_F
 ClientSampleId :
 PS-29(0-3)

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	33.3	0.0	0.0#

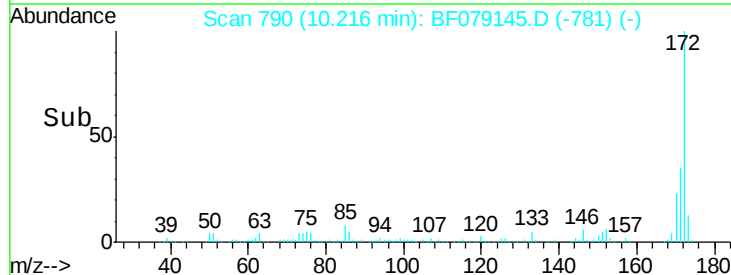
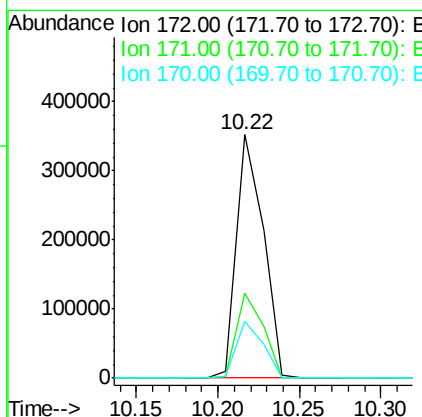
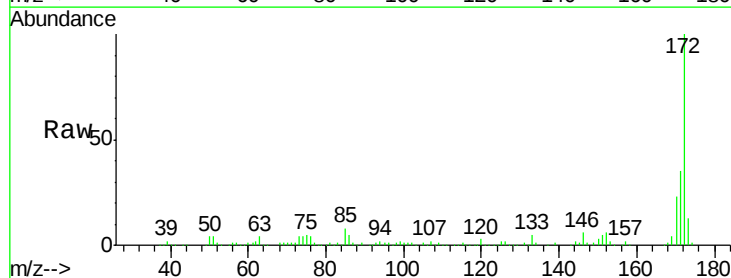
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#44
 2-Fluorobiphenyl
 Concen: 53.13 ng
 RT: 10.22 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF079145.D
 Acq: 12 May 2015 7:07

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.3	19.4	29.0





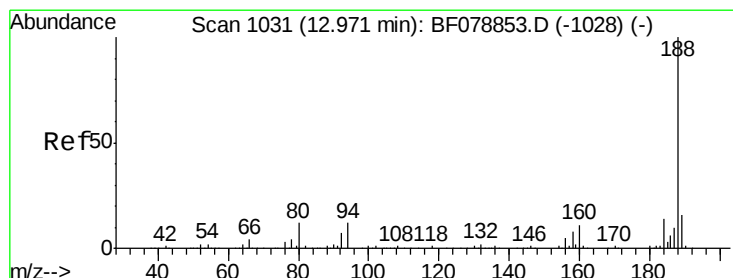
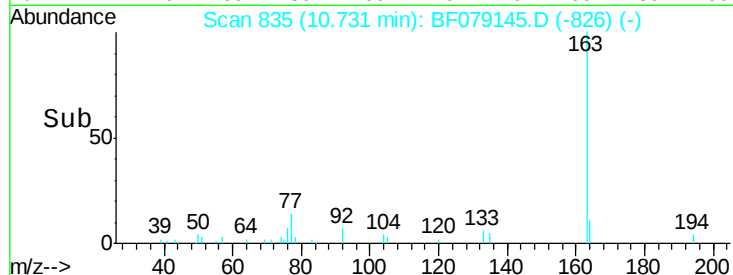
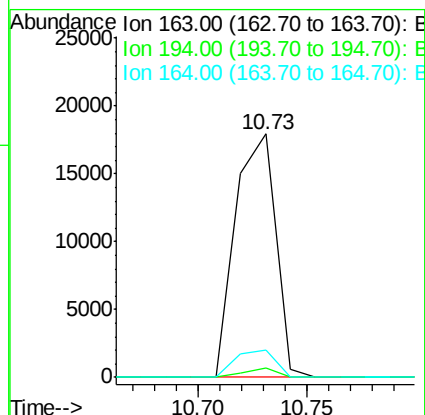
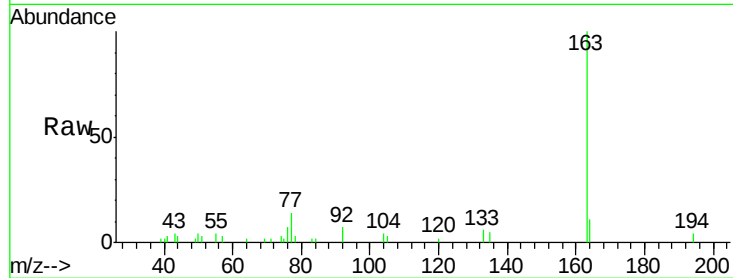
#49
Dimethylphthalate
Concen: 2.99 ng
RT: 10.73 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF079145.D
Acq: 12 May 2015 7:07

Instrument :
BNA_F
ClientSampleId :
PS-29(0-3)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	22977		
194	3.9		2.6	4.0
164	11.1		8.1	12.1

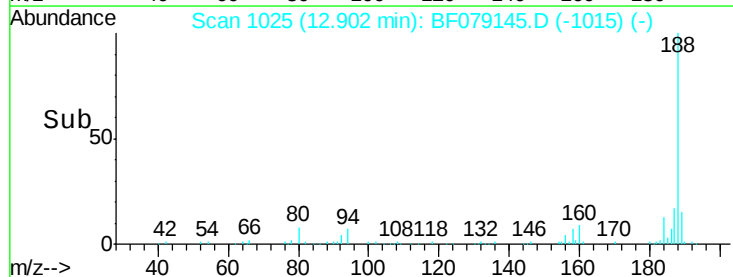
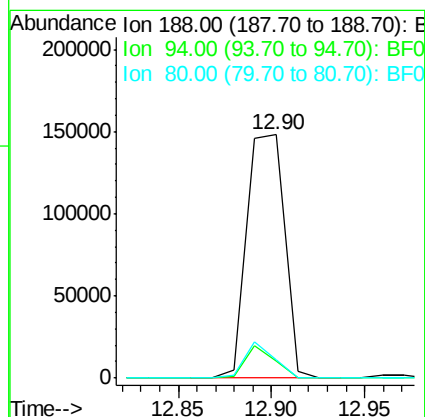
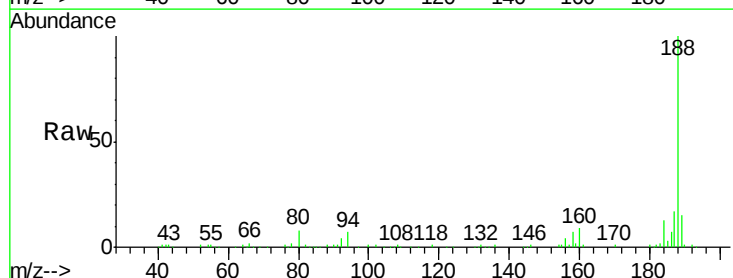
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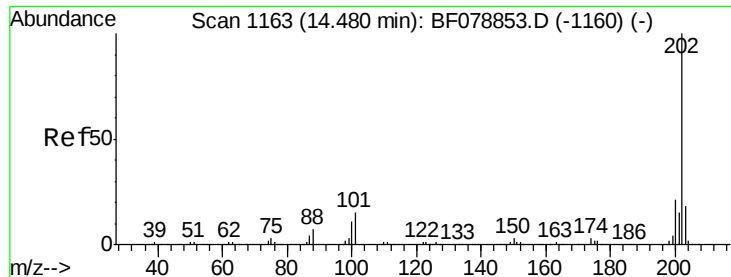
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.90 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF079145.D
Acq: 12 May 2015 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	208073		
94	6.8		8.2	12.2#
80	7.6		8.9	13.3#





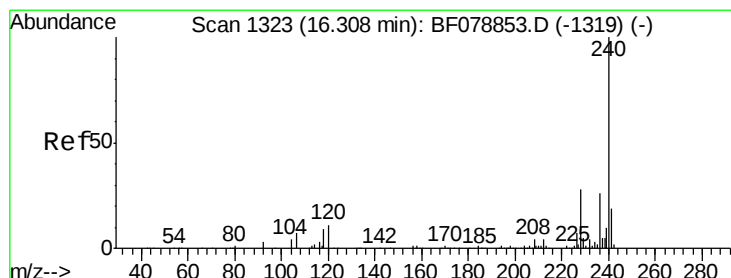
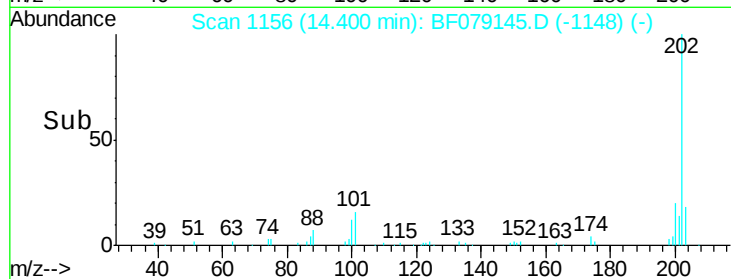
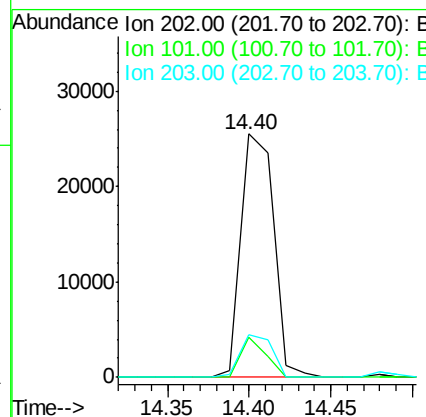
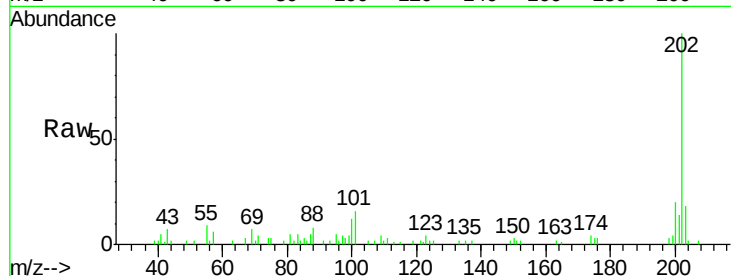
#74
 Fluoranthene
 Concen: 2.92 ng
 RT: 14.40 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF079145.D
 Acq: 12 May 2015 7:07

Instrument :
 BNA_F
 ClientSampleId :
 PS-29(0-3)

Tot Ion:	202	Resp:	35383
Ion Ratio	Lower	Upper	
202	100		
101	16.3	0.0	34.6
203	17.6	0.0	38.4

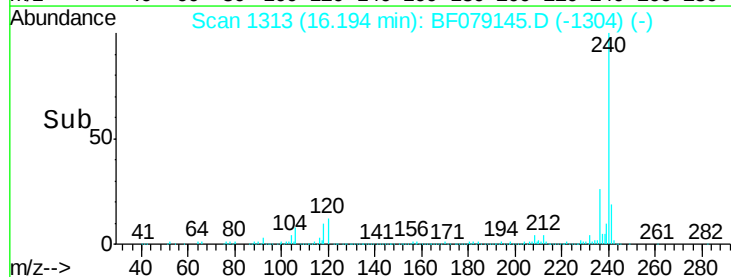
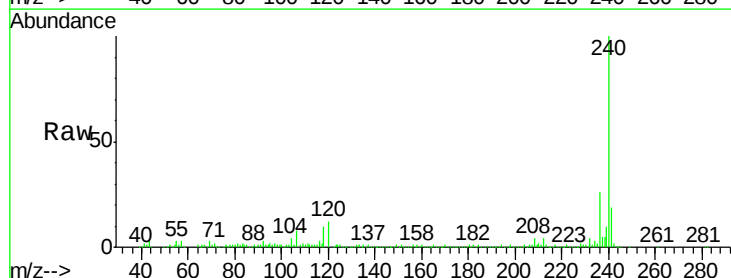
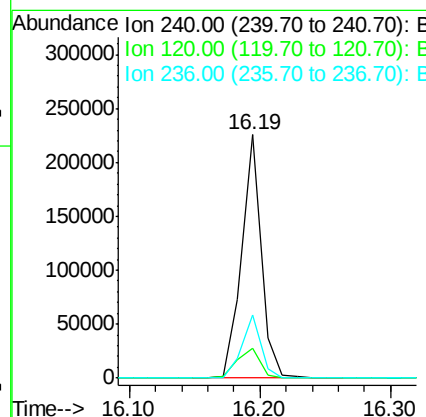
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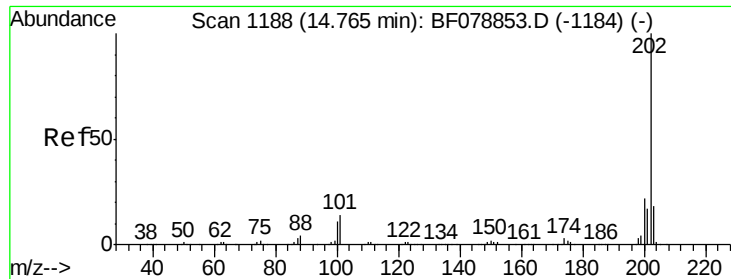
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF079145.D
 Acq: 12 May 2015 7:07

Tgt Ion:	240	Resp:	235196
Ion Ratio	Lower	Upper	
240	100		
120	12.1	9.7	14.5
236	26.1	20.2	30.4





#77

Pvrene

Concen: 2.74 ng

RT: 14.69 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF079145.D

Acq: 12 May 2015 7:07

Instrument :

BNA_F

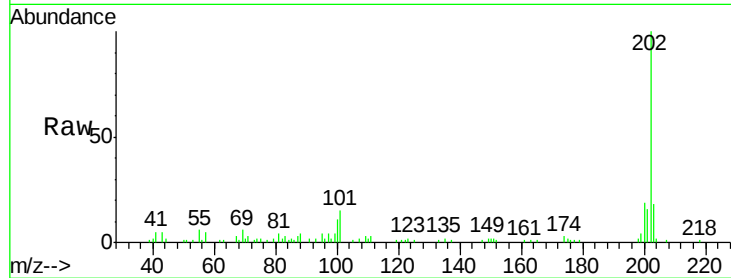
ClientSampled :

PS-29(0-3)

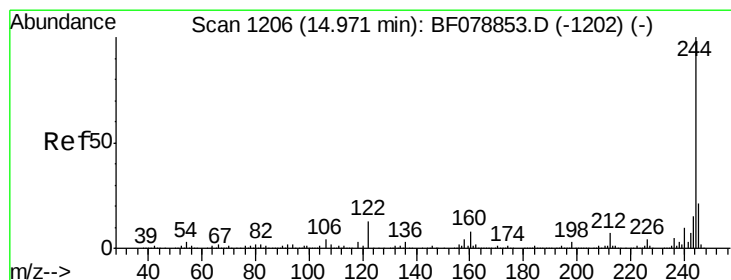
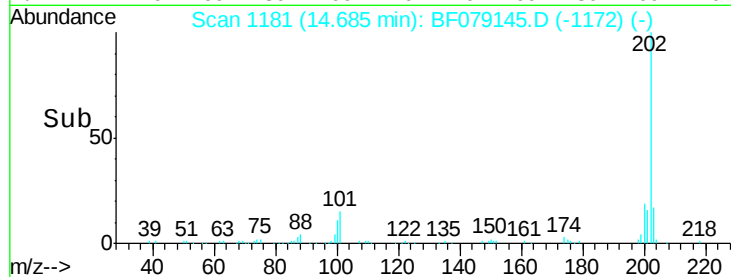
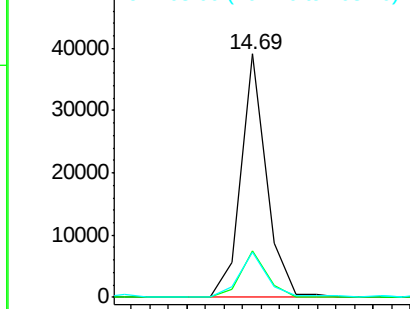
Tot Ion:	202	Resp:	37197
Ion Ratio	Lower	Upper	
202	100		
200	19.3	17.5	26.3
203	18.5	13.9	20.9

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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: 52.56 ng

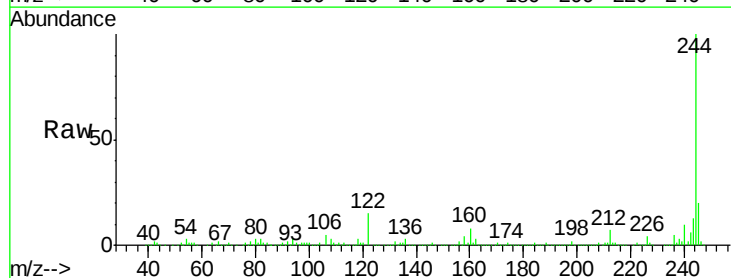
RT: 14.89 min Scan# 1199

Delta R.T. 0.00 min

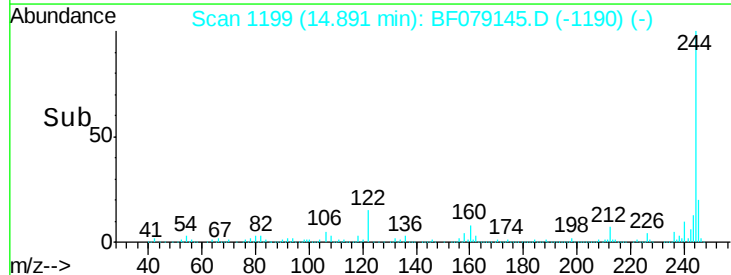
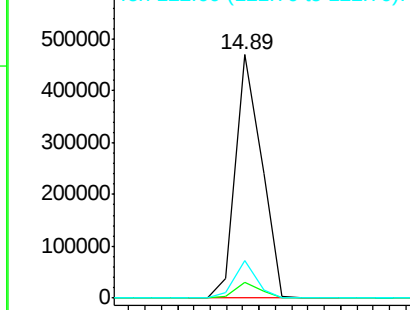
Lab File: BF079145.D

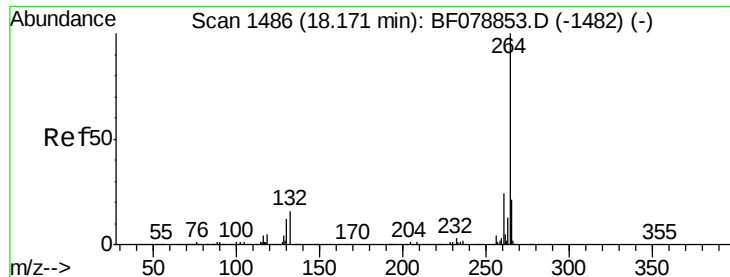
Acq: 12 May 2015 7:07

Tgt Ion:	244	Resp:	516307
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.6	8.4
122	15.2	10.3	15.5



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





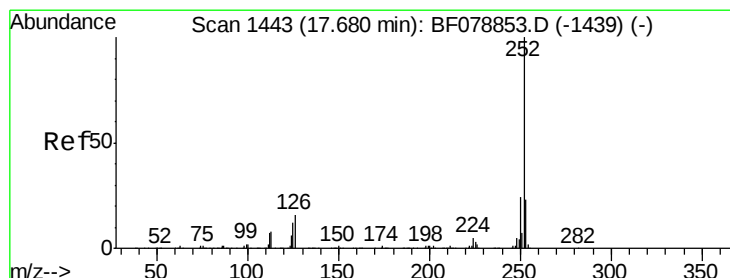
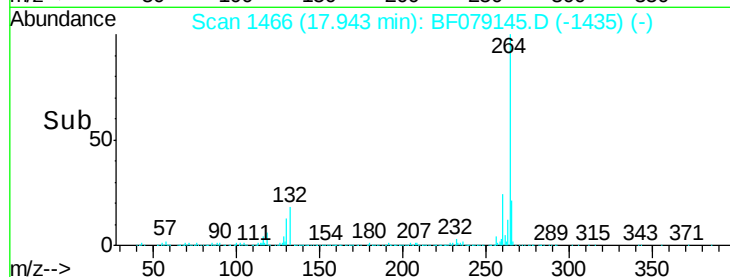
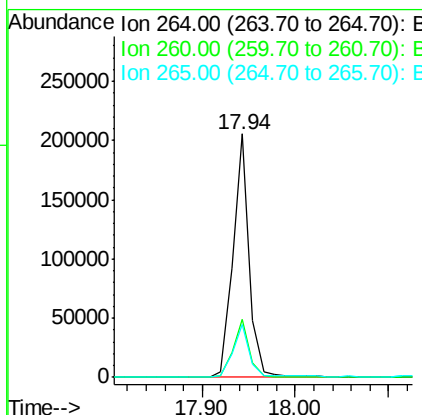
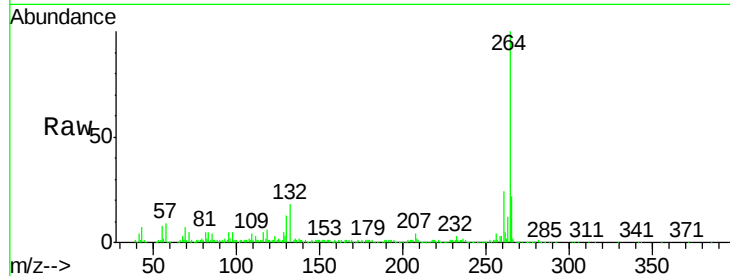
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.94 min Scan# 1466
Delta R.T. 0.06 min
Lab File: BF079145.D
Acq: 12 May 2015 7:07

Instrument :
BNA_F
ClientSampleId :
PS-29(0-3)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.7	18.3	27.5

Manual Integrations
APPROVED

apatel
5/12/2015 4:51:15 PM



#87
Benzo(b)fluoranthene
Concen: 2.36 ng m
RT: 17.49 min Scan# 1426
Delta R.T. 0.03 min
Lab File: BF079145.D
Acq: 12 May 2015 7:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.7	26.5
125	28.8	9.5	14.3#

