

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
 Data File : BF077117.D
 Acq On : 29 Jan 2015 3:17
 Operator : TP/IZ
 Sample : G1158-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-4

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Quant Time: Jan 29 04:13:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 29 03:47:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	26470	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	107753	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	50050	20.00	ng	-0.01
63) Phenanthrene-d10	17.60	188	89333	20.00	ng	0.01
75) Chrysene-d12	21.18	240	80878	20.00	ng	0.08
86) Perylene-d12	22.88	264	71343	20.00	ng	0.15
System Monitoring Compounds						
5) 2-Fluorophenol	4.74	112	69502	43.17	ng	0.00
7) Phenol-d6	7.12	99	109424	53.88	ng	-0.01
23) Nitrobenzene-d5	9.02	82	70238	36.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.48	330	11406	28.07	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	145494	44.24	ng	0.00
78) Terphenyl-d14	19.89	244	141699m	40.33	ng	0.05
Target Compounds						
70) Phenanthrene	17.64	178	30086	5.40	ng	Qvalue # 86

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

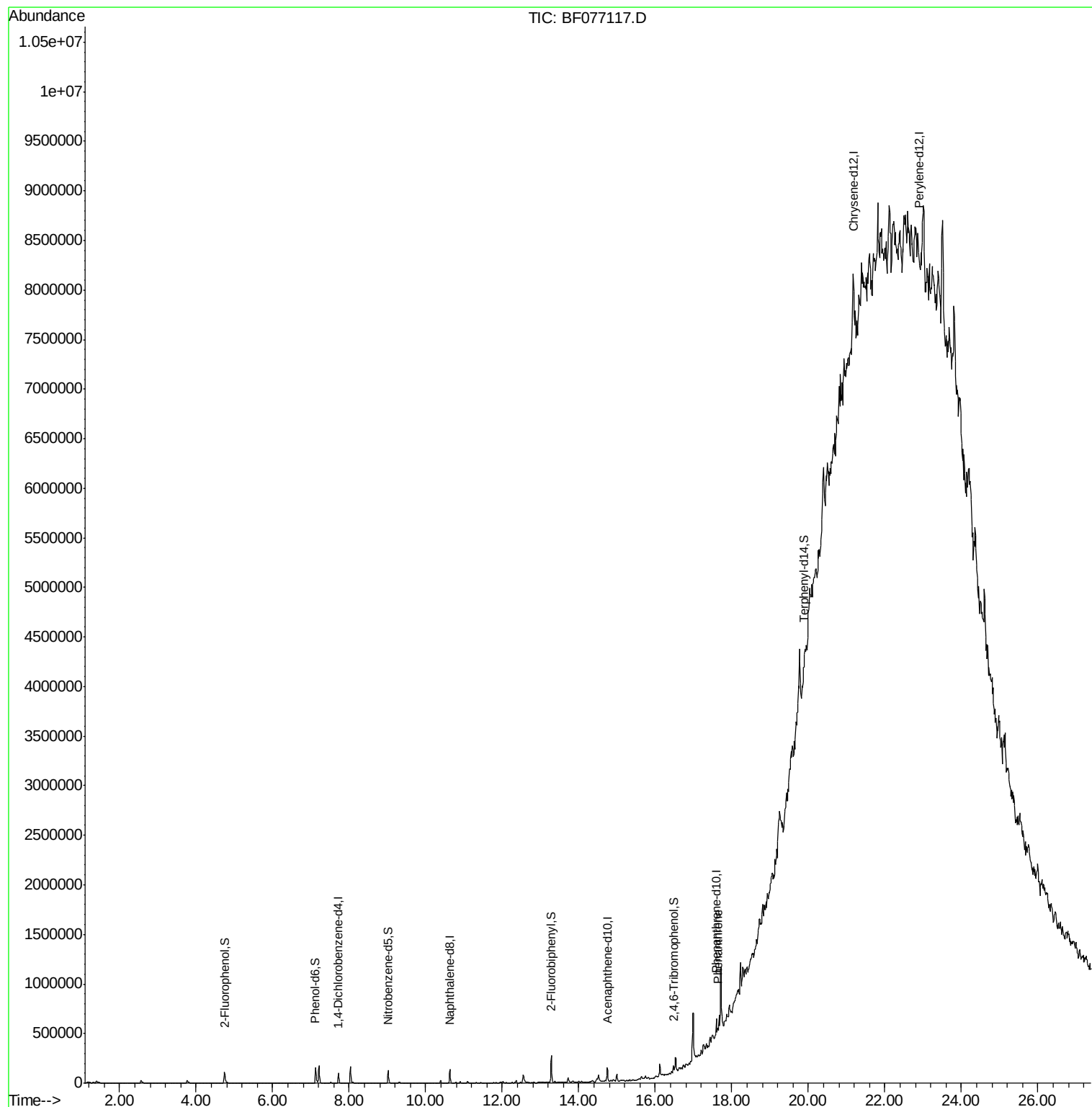
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077117.D
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Sample : G1158-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

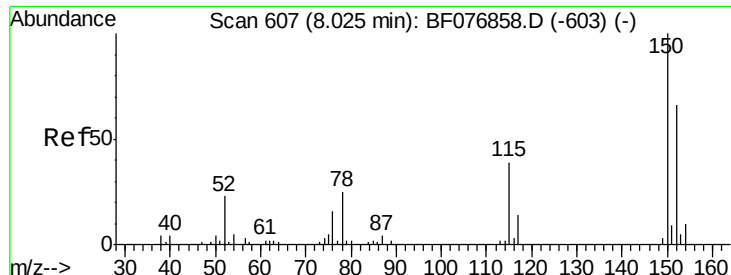
Instrument :
BNA_F
ClientSampleId :
CC-4

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 29 03:47:51 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF077117.D

Acq: 29 Jan 2015 3:17

Instrument :

BNA_F

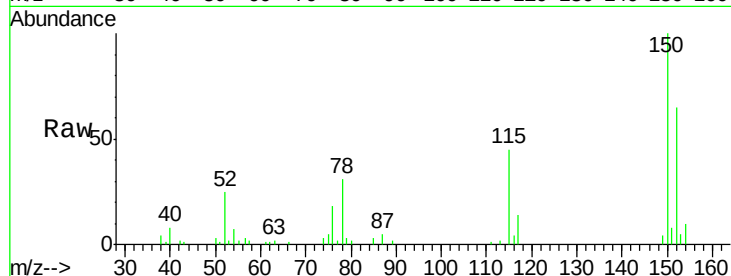
ClientSampled :

CC-4

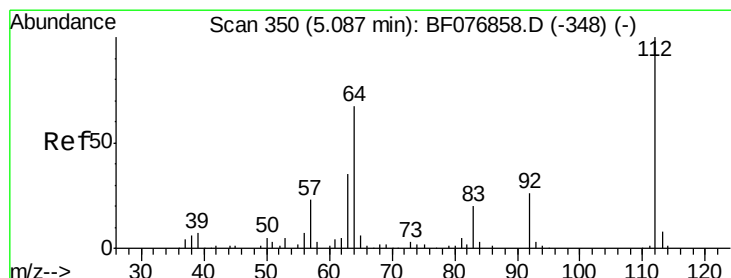
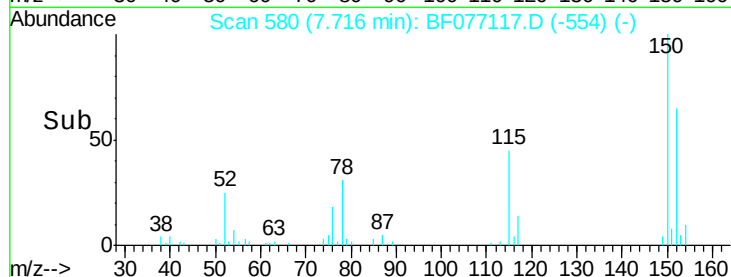
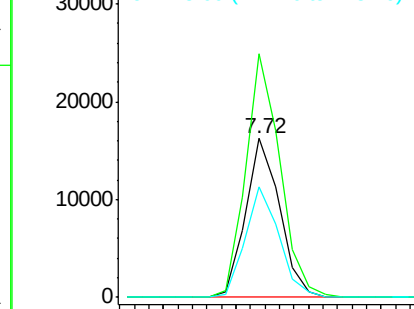
Tgt Ion:	152	Resp:	26470
Ion Ratio	Lower	Upper	
152	100		
150	153.4	121.7	182.5
115	69.6	47.0	70.6

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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



#5

2-Fluorophenol

Concen: 43.17 ng

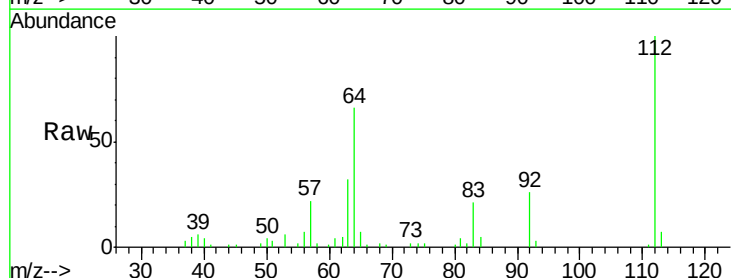
RT: 4.74 min Scan# 320

Delta R.T. -0.00 min

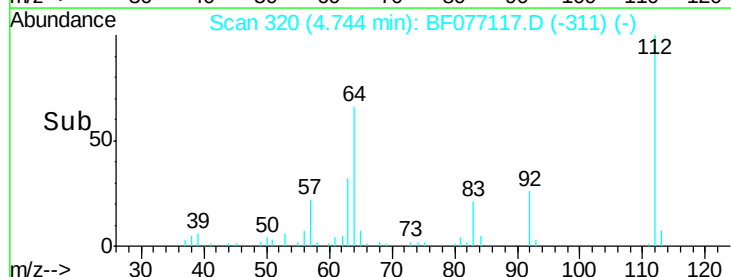
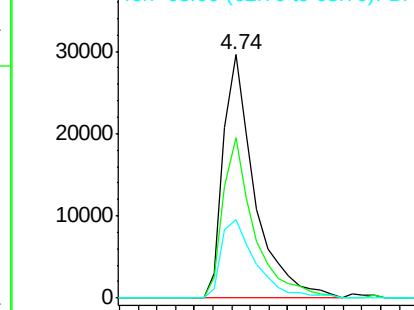
Lab File: BF077117.D

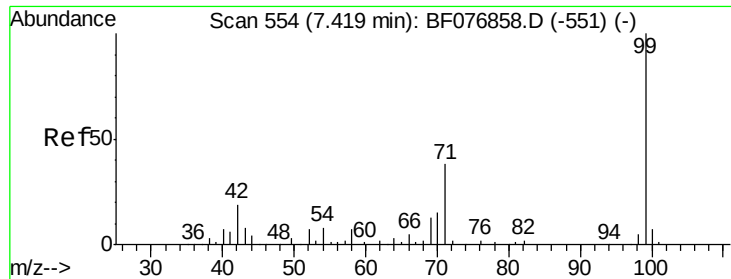
Acq: 29 Jan 2015 3:17

Tgt Ion:	112	Resp:	69502
Ion Ratio	Lower	Upper	
112	100		
64	65.7	54.2	81.4
63	32.3	28.4	42.6



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





#7

Phenol-d6

Concen: 53.88 ng

RT: 7.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF077117.D

Acq: 29 Jan 2015 3:17

Instrument :

BNA_F

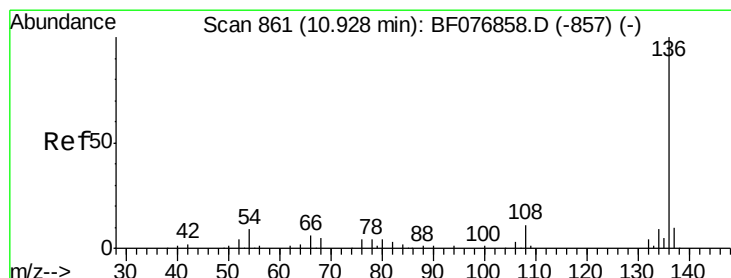
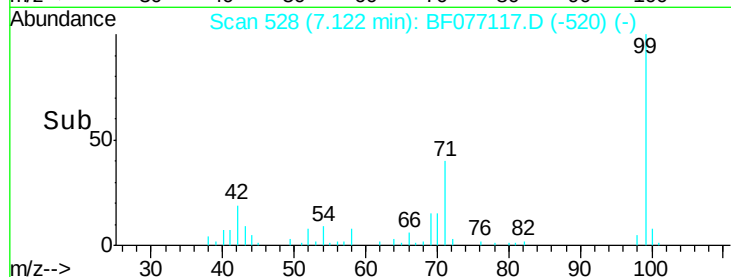
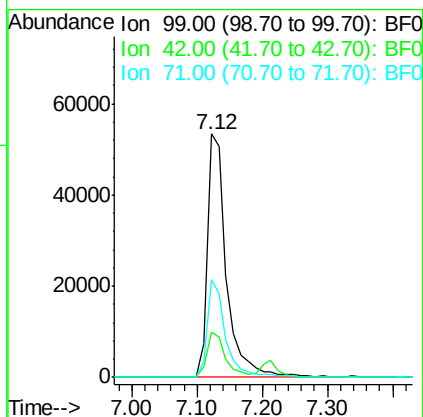
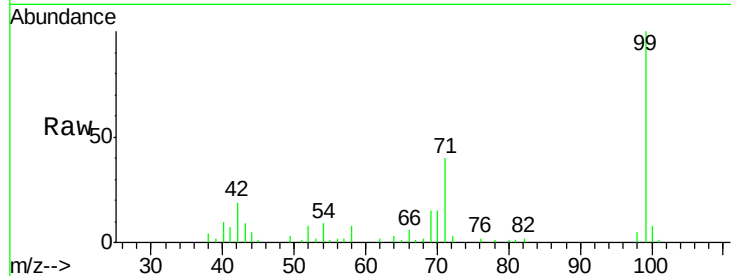
ClientSampled :

CC-4

Tgt Ion:	99	Resp:	109424
Ion Ratio	Lower	Upper	
99	100		
42	18.6	15.0	22.4
71	40.1	30.5	45.7

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#21

Naphthalene-d8

Concen: 20.00 ng

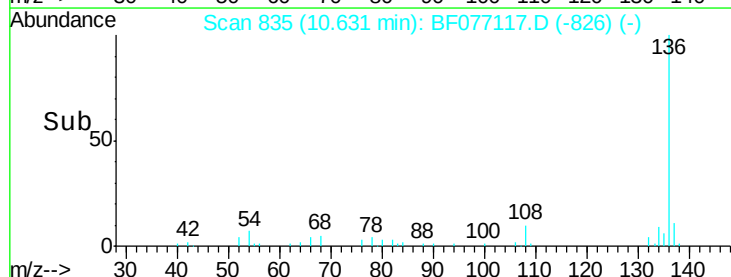
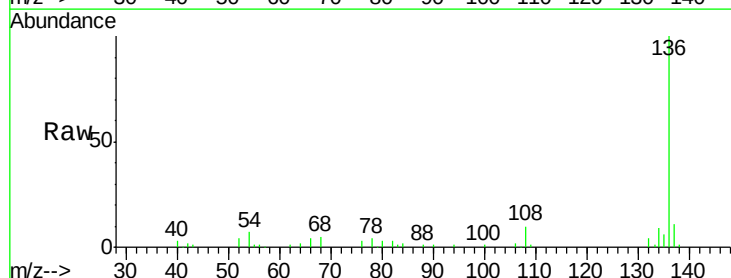
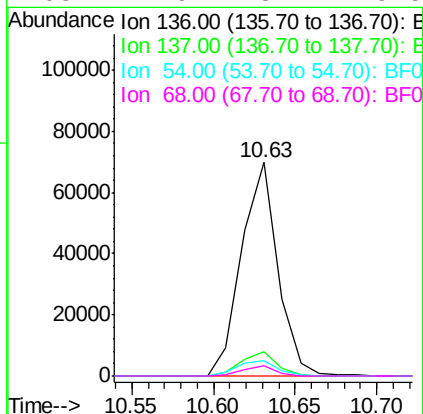
RT: 10.63 min Scan# 835

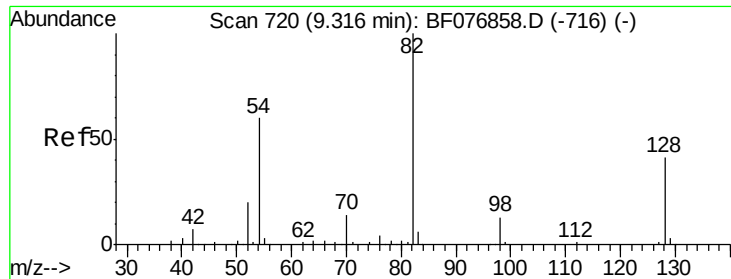
Delta R.T. -0.00 min

Lab File: BF077117.D

Acq: 29 Jan 2015 3:17

Tgt Ion:	136	Resp:	107753
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.1	12.1
54	7.5	7.0	10.4
68	4.9	3.7	5.5





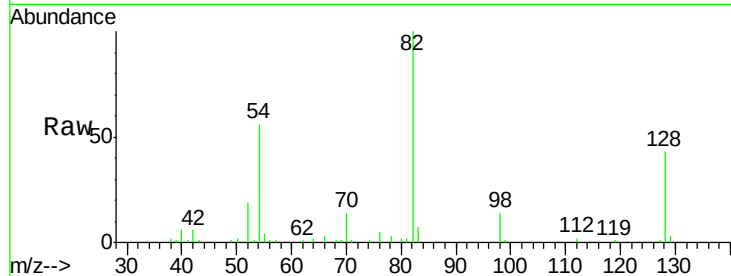
#23
 Nitrobenzene-d5
 Concen: 36.11 ng
 RT: 9.02 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF077117.D
 Acq: 29 Jan 2015 3:17

Instrument :
 BNA_F
 ClientSampled :
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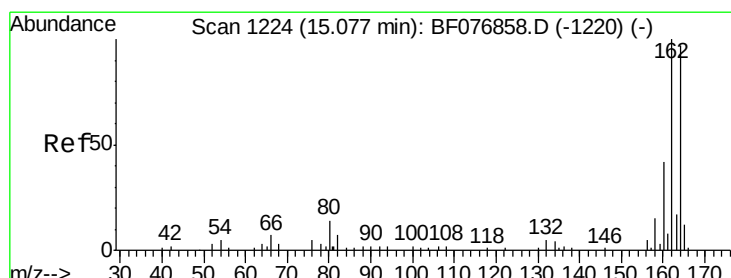
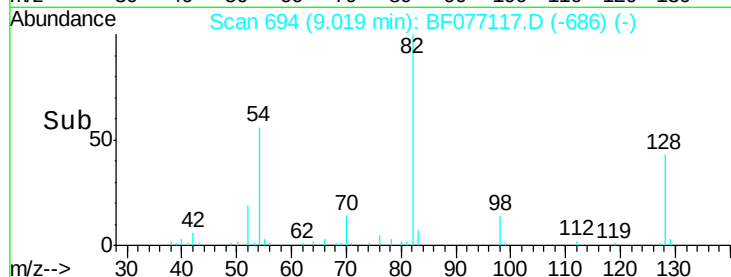
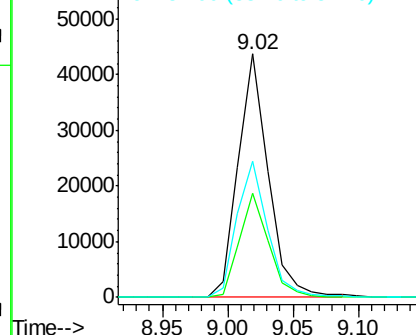
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.1	49.7
54	55.8	48.3	72.5

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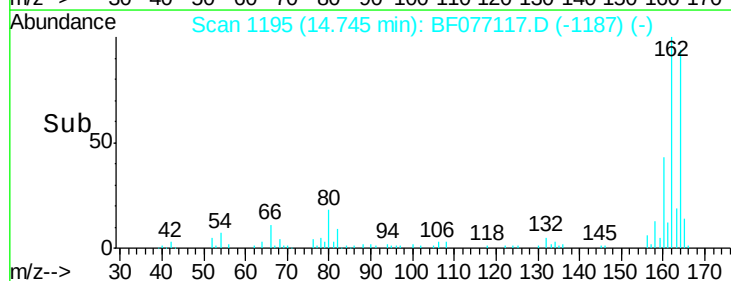
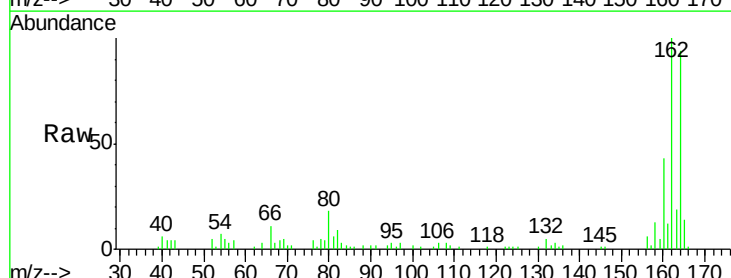
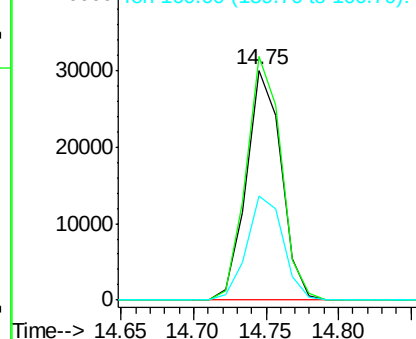
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

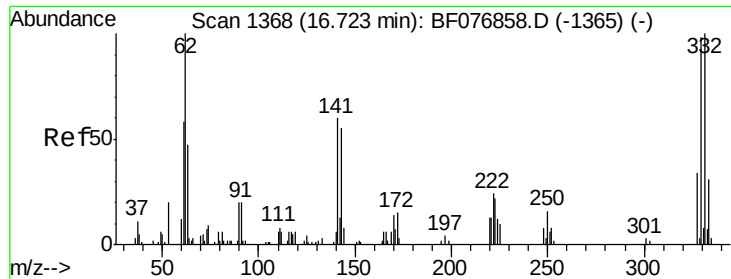


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF077117.D
 Acq: 29 Jan 2015 3:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.4	123.6
160	45.5	34.8	52.2

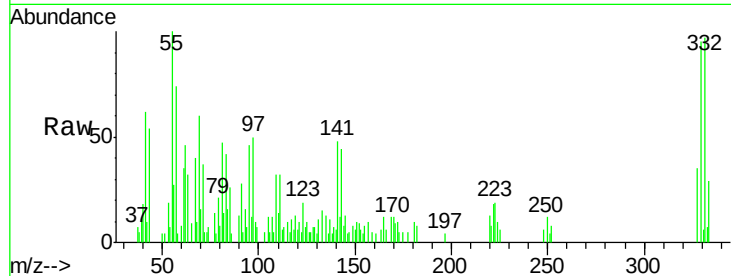
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#41
 2,4,6-Tribromophenol
 Concen: 28.07 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF077117.D
 Acq: 29 Jan 2015 3:17

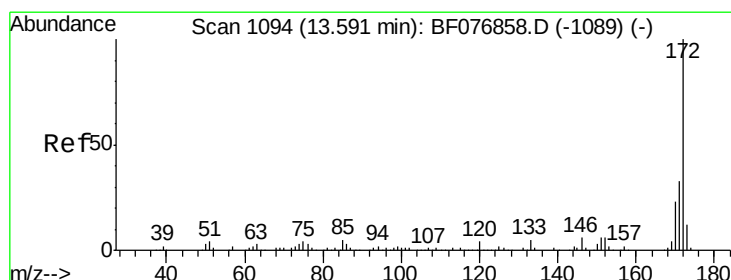
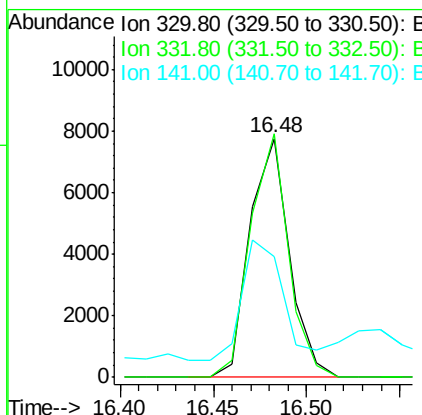
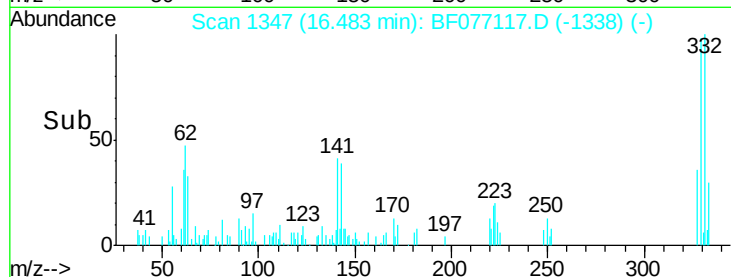
Instrument :
 BNA_F
 ClientSampled :
 CC-4



Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.2	11406	77.8	116.6
141	51.6		38.5	57.7

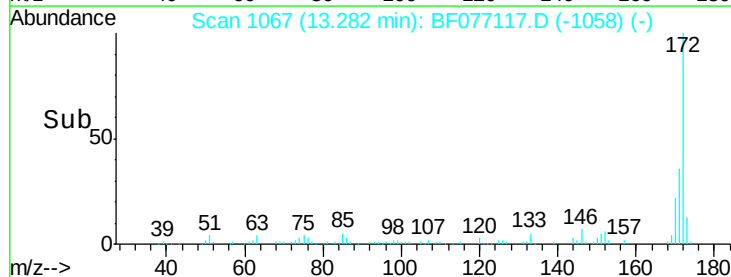
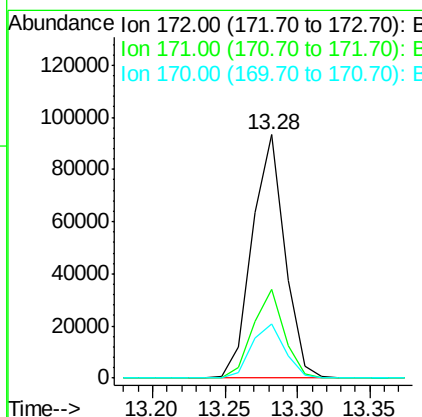
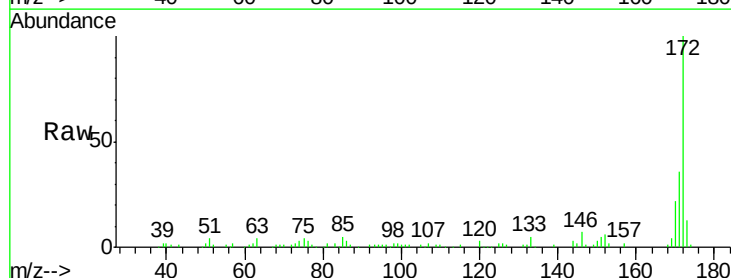
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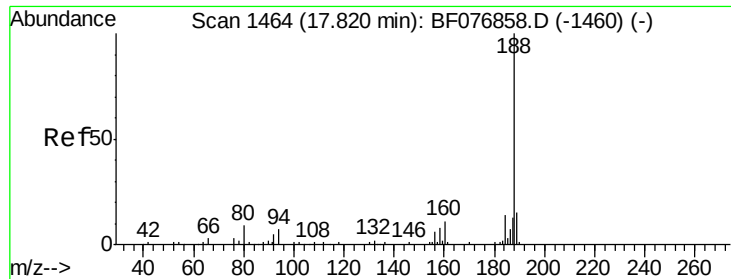
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#44
 2-Fluorobiphenyl
 Concen: 44.24 ng
 RT: 13.28 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF077117.D
 Acq: 29 Jan 2015 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	145494		
171	36.5		26.6	40.0
170	22.4		18.0	27.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.60 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF077117.D

Acq: 29 Jan 2015 3:17

Instrument :

BNA_F

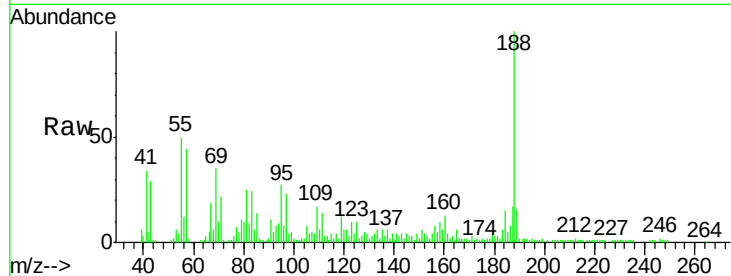
ClientSampleId :

CC-4

Tgt Ion:	188	Resp:	89333
Ion Ratio	Lower	Upper	
188	100		
94	8.7	6.0	9.0
80	10.1	6.9	10.3

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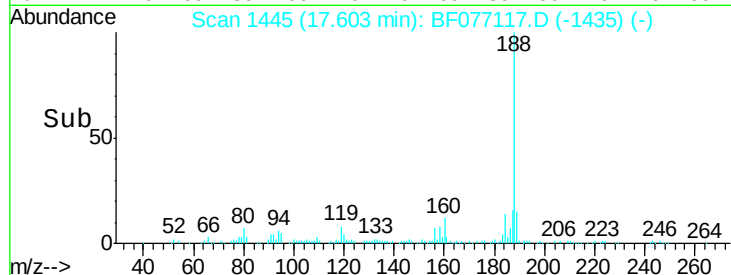


Abundance Ion 188.00 (187.70 to 188.70): E

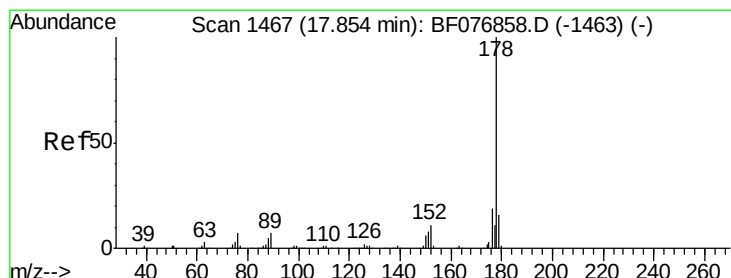
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#70

Phenanthrene

Concen: 5.40 ng

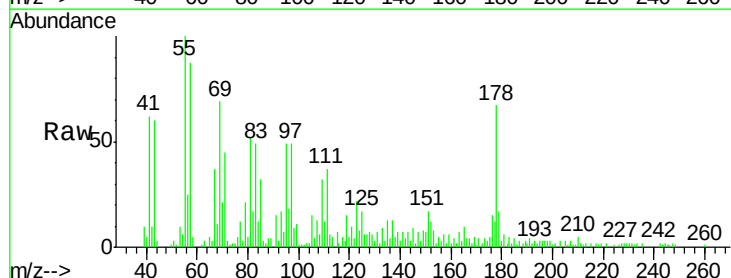
RT: 17.64 min Scan# 1448

Delta R.T. 0.01 min

Lab File: BF077117.D

Acq: 29 Jan 2015 3:17

Tgt Ion:	178	Resp:	30086
Ion Ratio	Lower	Upper	
178	100		
176	22.0	15.1	22.7
179	25.5	12.7	19.1#

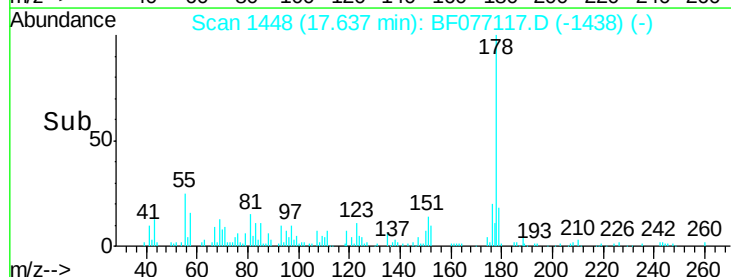


Abundance Ion 178.00 (177.70 to 178.70): E

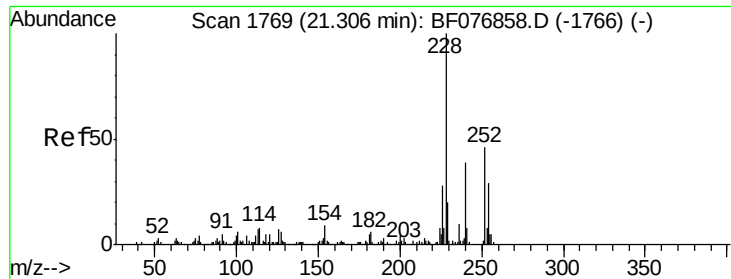
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.18 min Scan# 1758

Delta R.T. 0.08 min

Lab File: BF077117.D

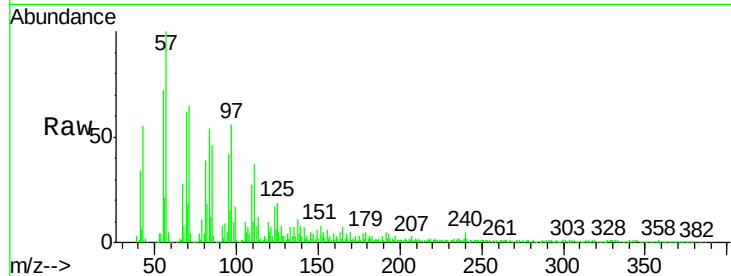
Acq: 29 Jan 2015 3:17

Instrument :

BNA_F

ClientSampled :

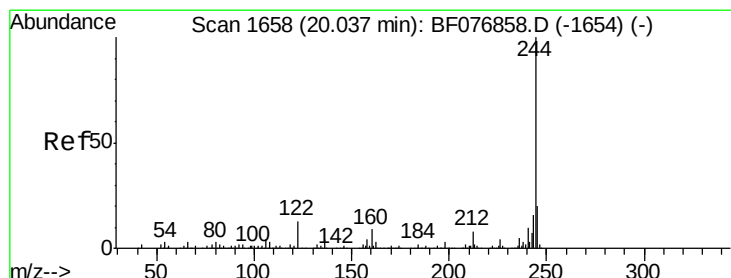
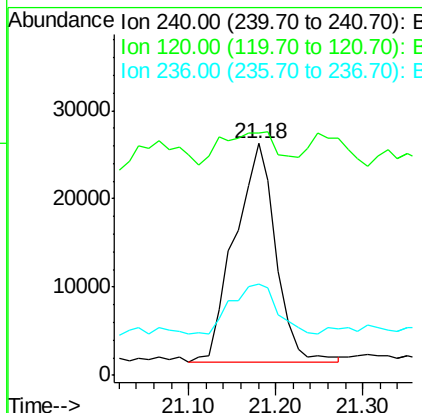
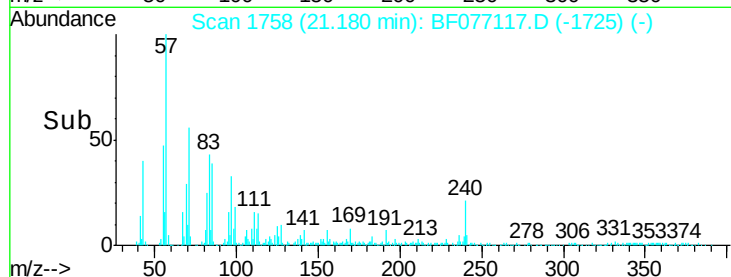
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Tgt Ion	Ratio	Lower	Upper
240	100		
120	104.3	10.4	15.6#
236	39.2	20.2	30.2#

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#78

Terphenyl-d14

Concen: 40.33 ng m

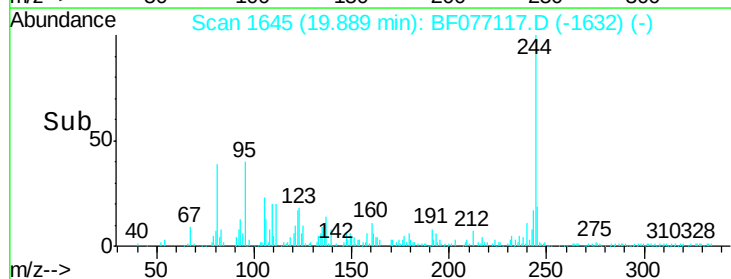
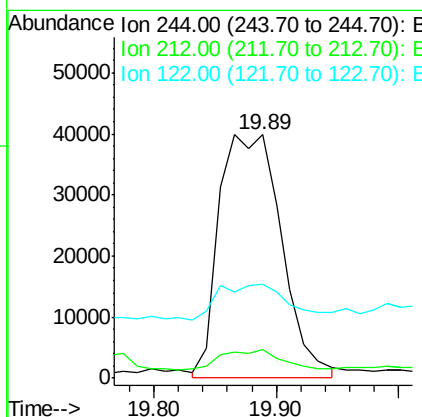
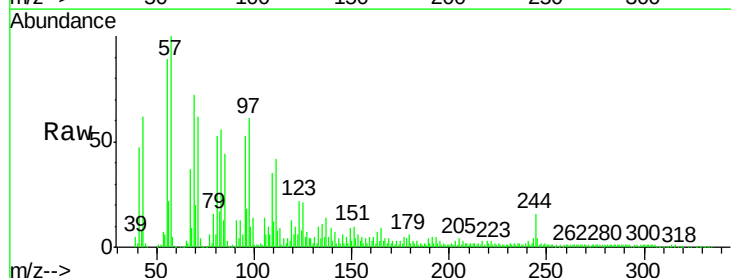
RT: 19.89 min Scan# 1645

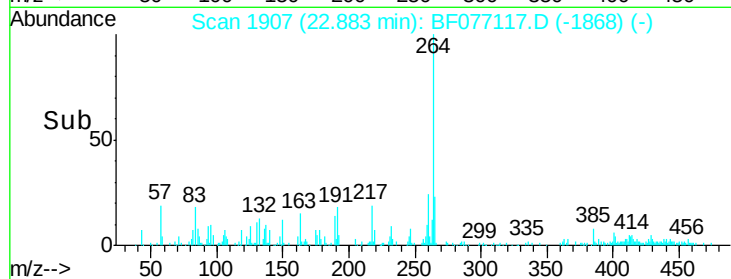
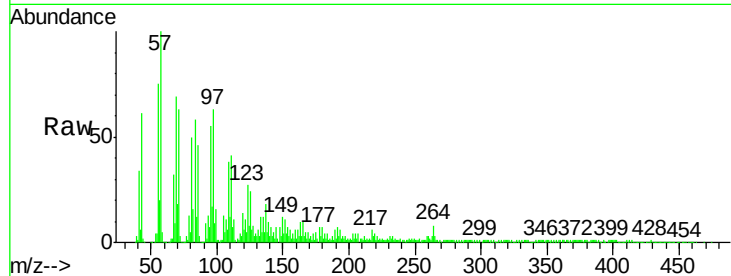
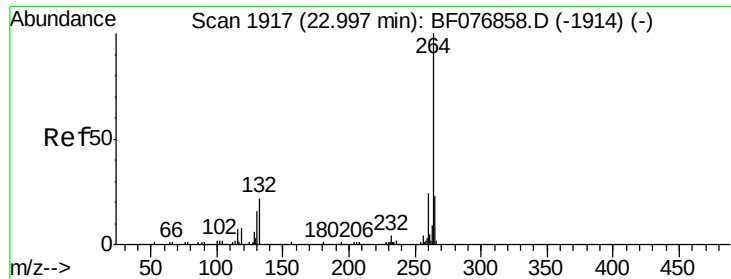
Delta R.T. 0.05 min

Lab File: BF077117.D

Acq: 29 Jan 2015 3:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.5	6.3	9.5#
122	38.7	10.1	15.1#





#86

Perylene-d12

Concen: 20.00 ng

RT: 22.88 min Scan# 1907

Delta R.T. 0.15 min

Lab File: BF077117.D

Acq: 29 Jan 2015 3:17

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 264 Resp: 71343

Ion Ratio Lower Upper

264 100

260 31.6 19.0 28.4#

265 32.5 18.1 27.1#

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