

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084129.D
 Acq On : 25 Dec 2015 14:59
 Operator : UM/SJ
 Sample : G4884-01DL 50X
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-121715DL

Manual Integrations
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Sohil
 12/28/2015 1:10:31 PM

Quant Time: Dec 26 03:47:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	46087	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	166525	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	81999	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	141946	20.00	ng	0.00
75) Chrysene-d12	13.95	240	99246	20.00	ng	-0.01
86) Perylene-d12	15.38	264	88871	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1338	0.49	ng	0.05
7) Phenol-d6	6.49	99	1512	0.45	ng	0.03
23) Nitrobenzene-d5	7.37	82	5658	1.99	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	1079	1.23	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	14579	2.43	ng	0.00
78) Terphenyl-d14	12.90	244	12204	2.23	ng	0.00
Target Compounds						
6) Aniline	6.46	93	526634	123.86	ng	Qvalue # 79
13) 1,4-Dichlorobenzene	6.82	146	9625m	2.60	ng	
14) 1,2-Dichlorobenzene	6.97	146	18173	5.32	ng	99

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

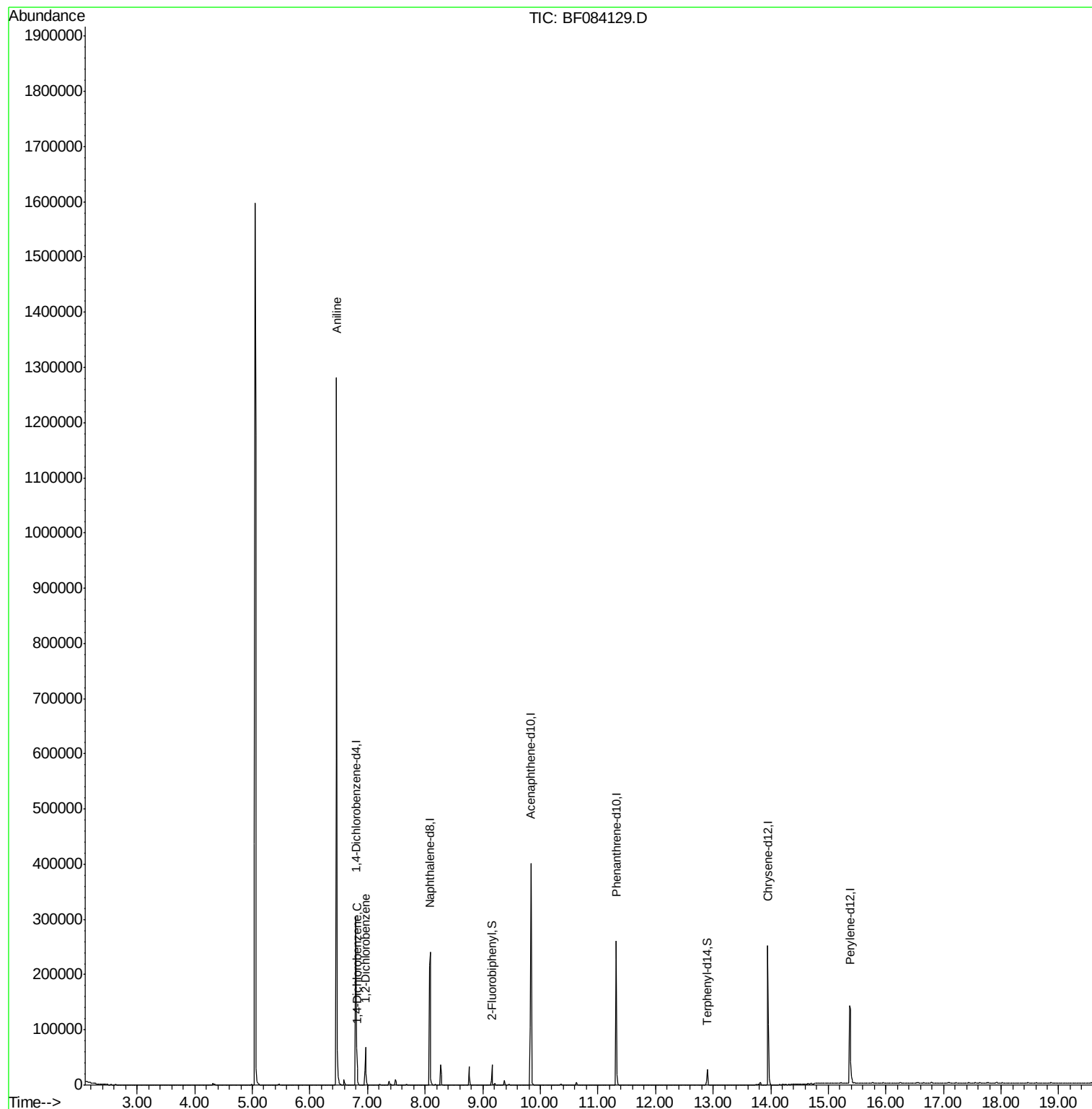
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
Data File : BF084129.D
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Sample : G4884-01DL 50X
Misc :
ALS Vial : 70 Sample Multiplier: 1

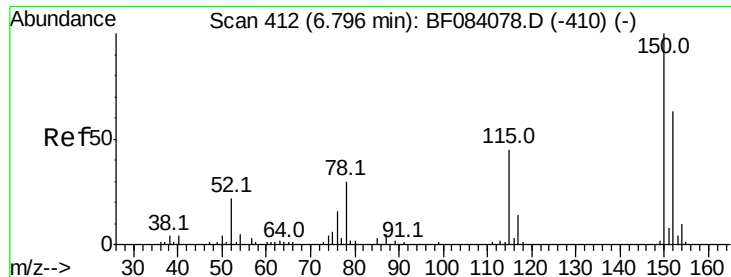
Instrument :
BNA_F
ClientSampleId :
SYSDIS-121715DL

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#1

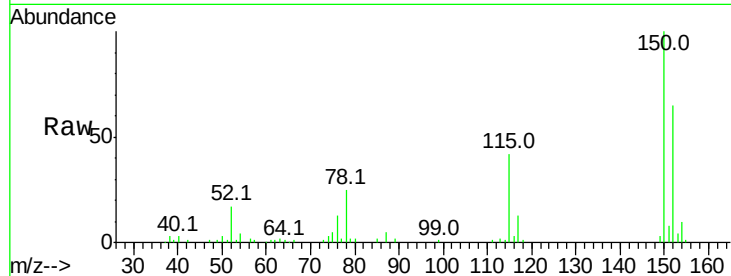
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Instrument :
BNA_F
ClientSampleId :
SYSDIS-121715DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.0	184.4
115	64.2	51.4	77.2

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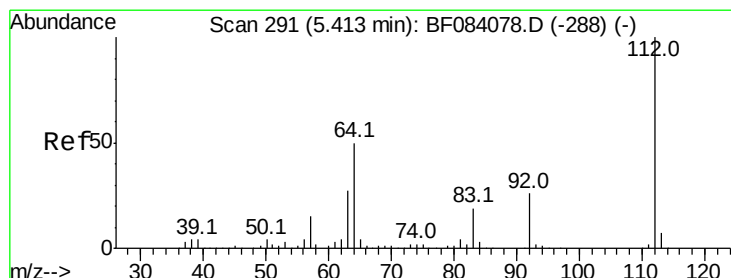
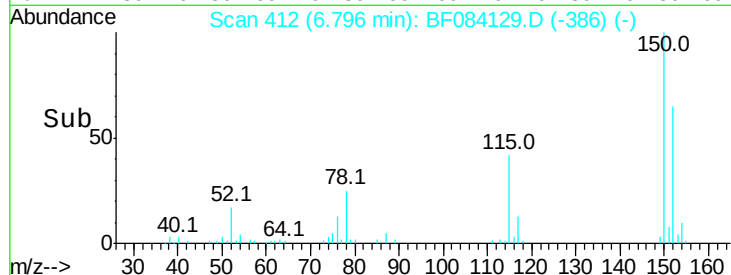
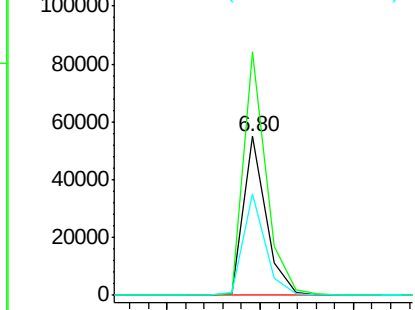


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

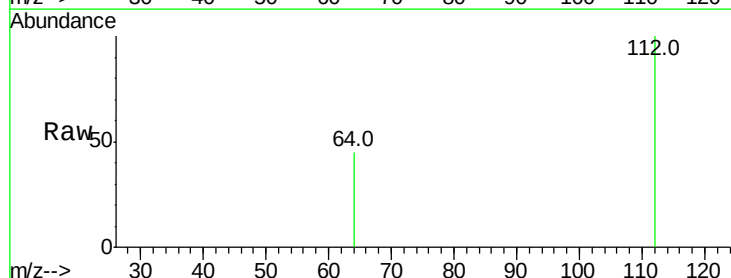
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.49 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.05 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.2	36.6	55.0
63	0.0	19.4	29.0

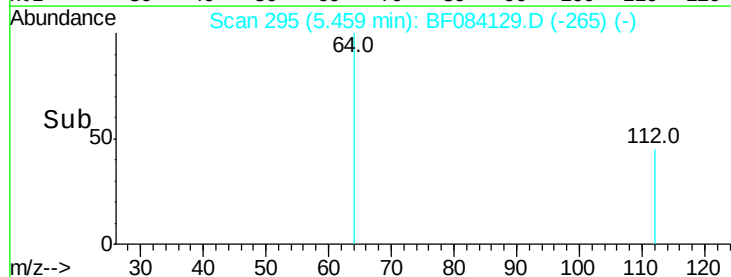
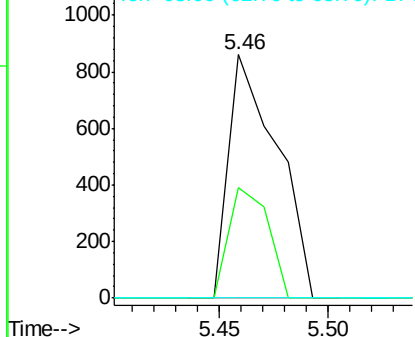


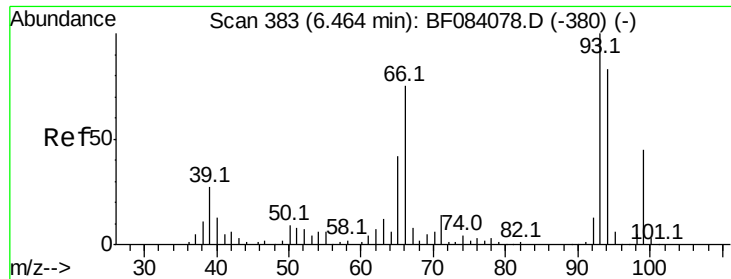
Abundance

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





#6

Aniline

Concen: 123.86 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF084129.D

Acq: 25 Dec 2015 14:59

Instrument :

BNA_F

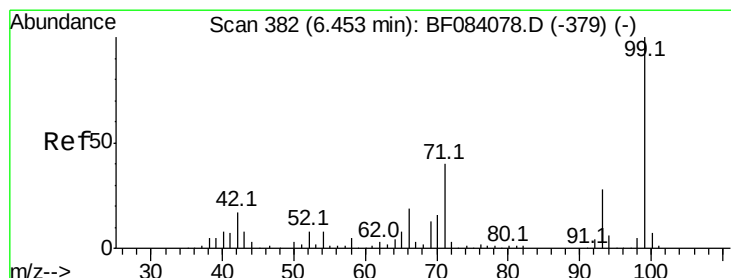
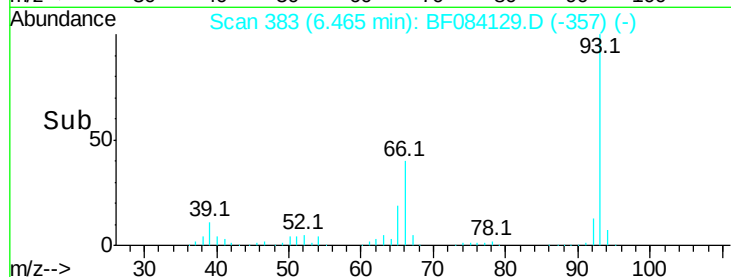
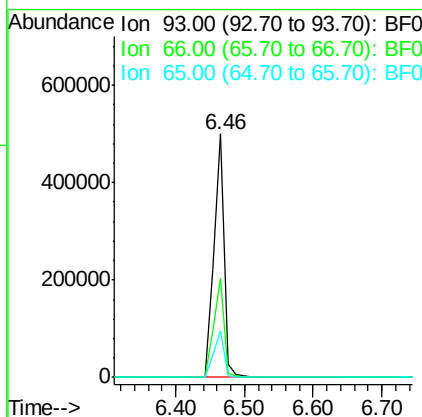
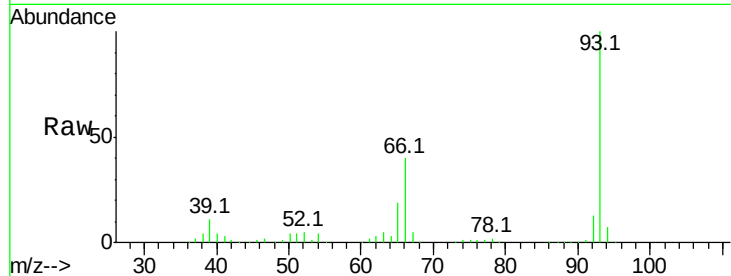
ClientSampleId :

SYSDIS-121715DL

Tot Ion:	93	Resp:	526634
Ion Ratio	Lower	Upper	
93	100		
66	40.4	44.9	67.3#
65	19.3	23.7	35.5#

Manual Integrations
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#7

Phenol-d6

Concen: 0.45 ng

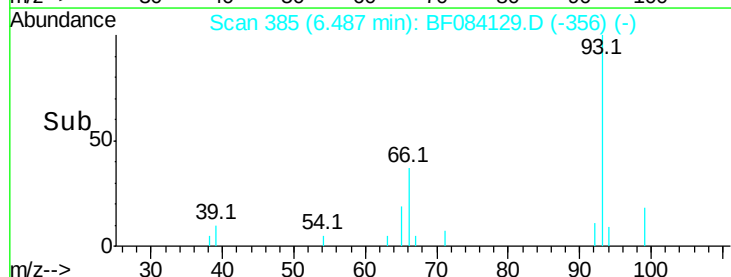
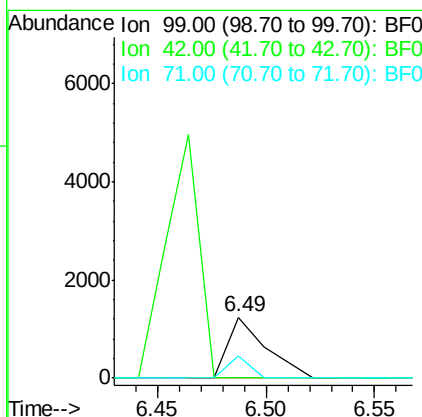
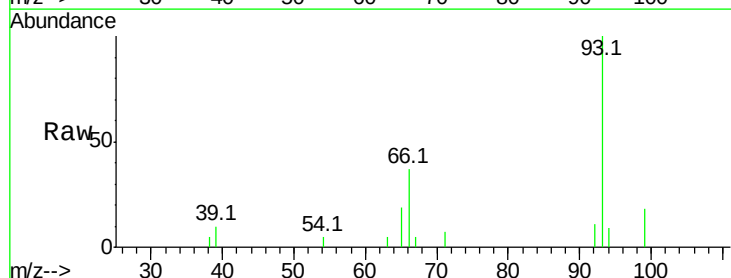
RT: 6.49 min Scan# 385

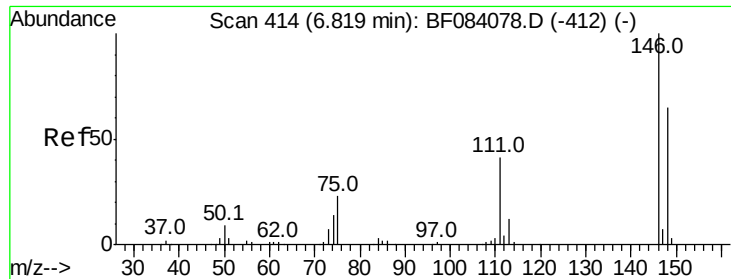
Delta R.T. 0.03 min

Lab File: BF084129.D

Acq: 25 Dec 2015 14:59

Tgt Ion:	99	Resp:	1512
Ion Ratio	Lower	Upper	
99	100		
42	0.0	12.8	19.2#
71	36.9	30.9	46.3





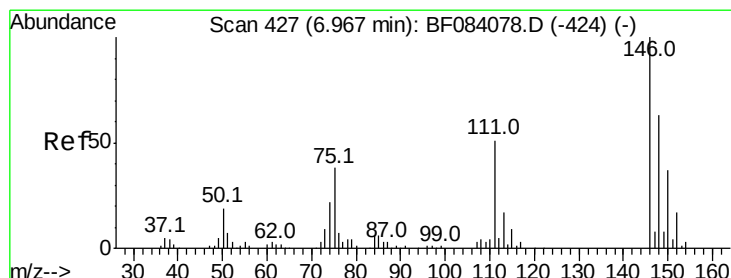
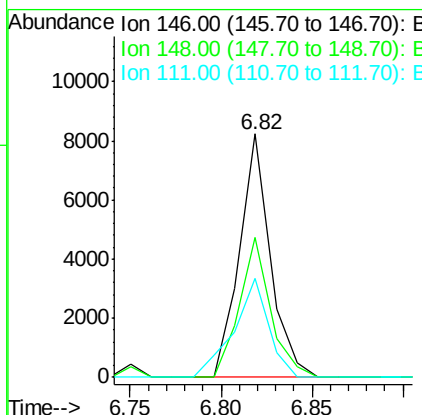
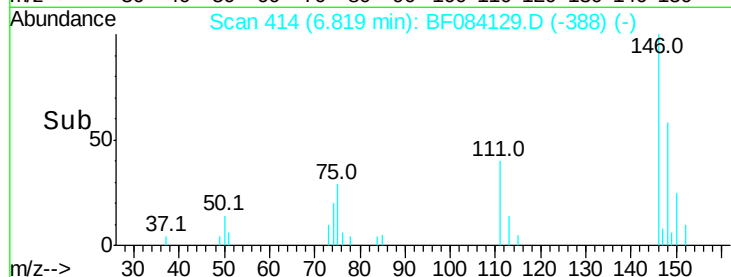
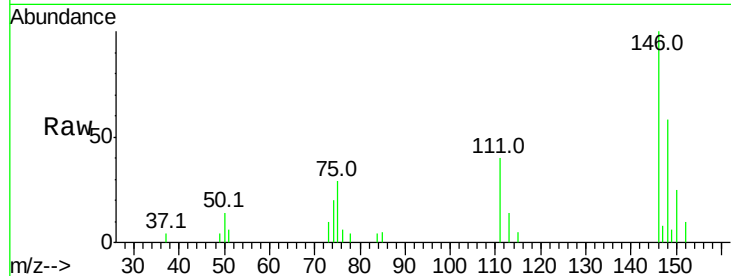
#13
 1,4-Dichlorobenzene
 Concen: 2.60 ng/mL
 RT: 6.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF084129.D
 Acq: 25 Dec 2015 14:59

Instrument :
 BNA_F
 ClientSampleID :
 SYSDIS-121715DL

Tot Ion	Ratio	Lower	Upper
146	100		
148	57.6	51.9	77.9
111	40.5	41.6	62.4

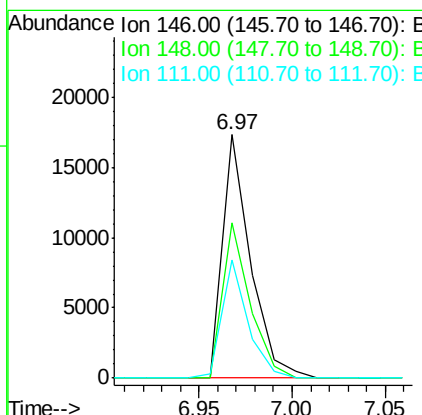
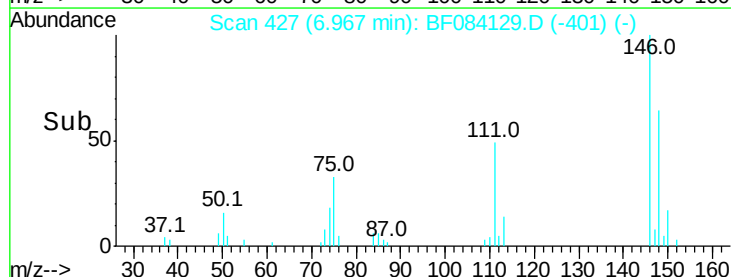
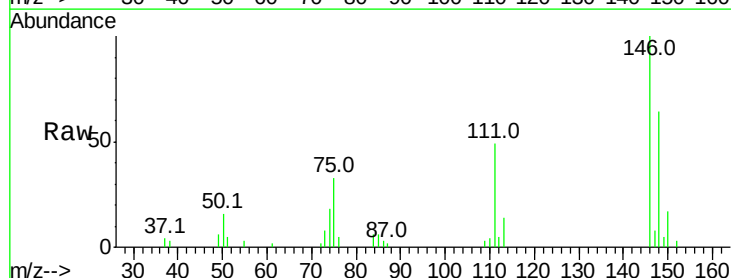
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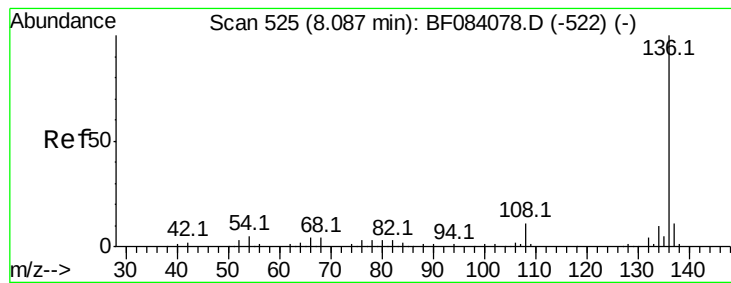
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#14
 1,2-Dichlorobenzene
 Concen: 5.32 ng/mL
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF084129.D
 Acq: 25 Dec 2015 14:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.6	77.4
111	48.6	38.0	57.0





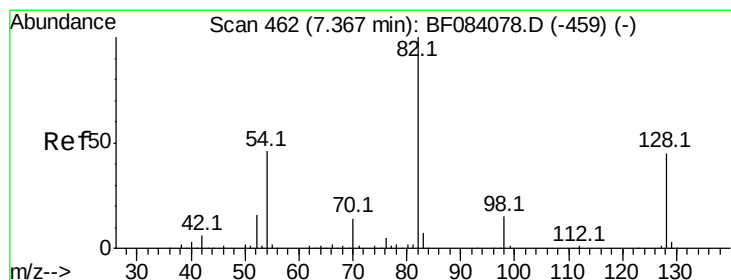
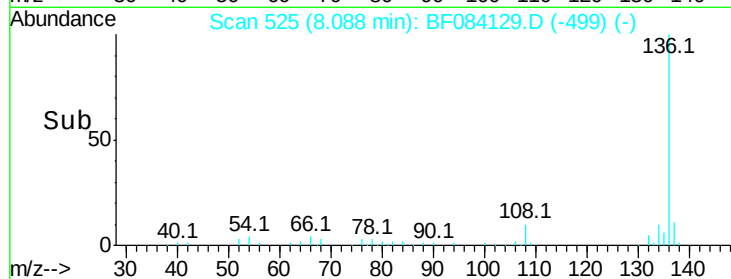
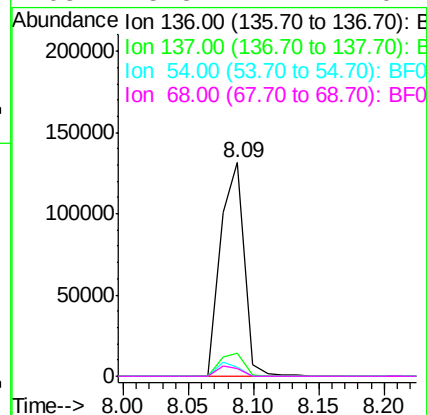
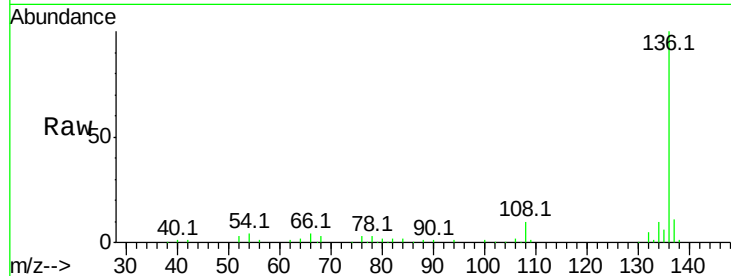
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Instrument :
BNA_F
ClientSampleId :
SYSDIS-121715DL

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.7	13.1
54	4.1	5.8	8.8#
68	3.3	4.2	6.2#

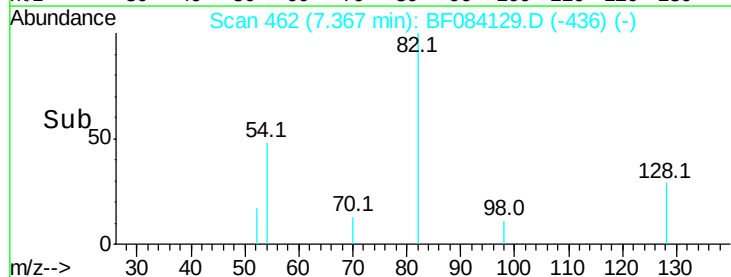
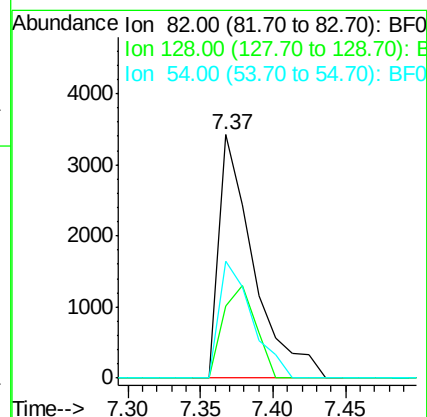
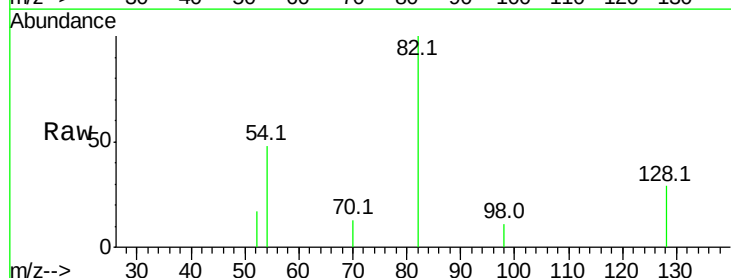
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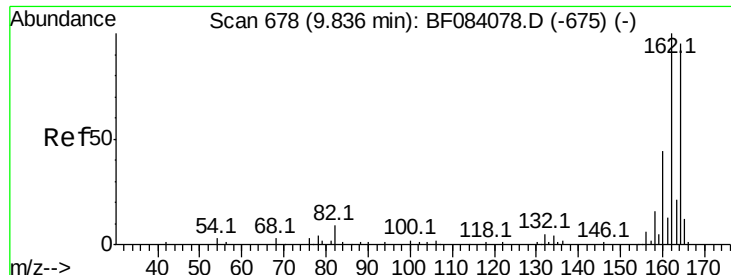
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#23
Nitrobenzene-d5
Concen: 1.99 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	29.4	34.6	51.8#
54	47.9	38.4	57.6





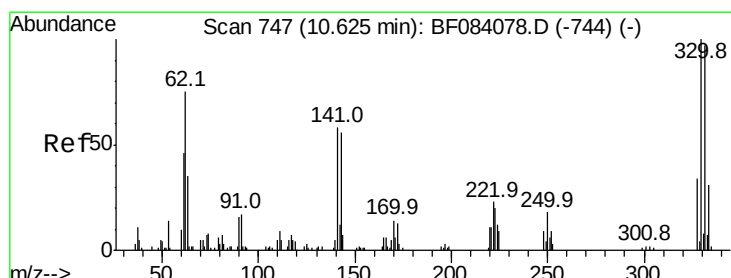
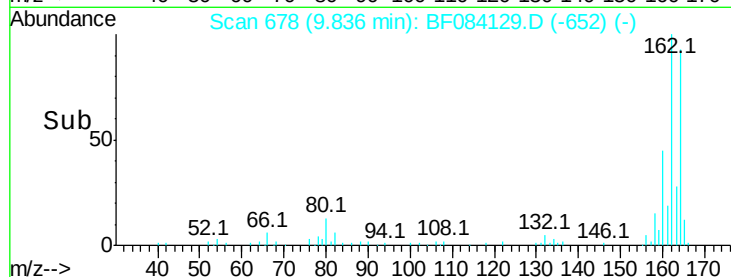
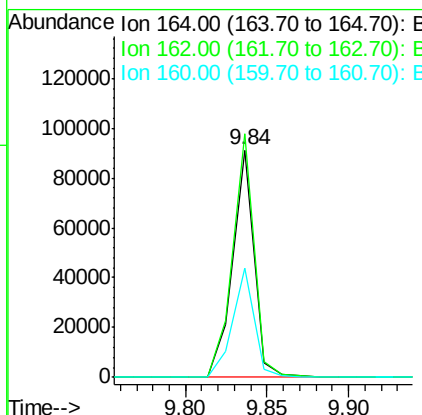
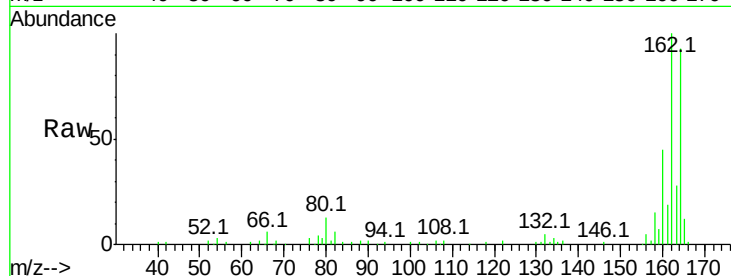
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084129.D
 Acq: 25 Dec 2015 14:59

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-121715DL

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.2	85.1	127.7
160	48.2	37.5	56.3

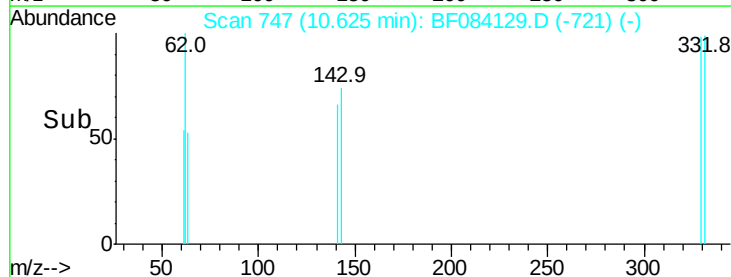
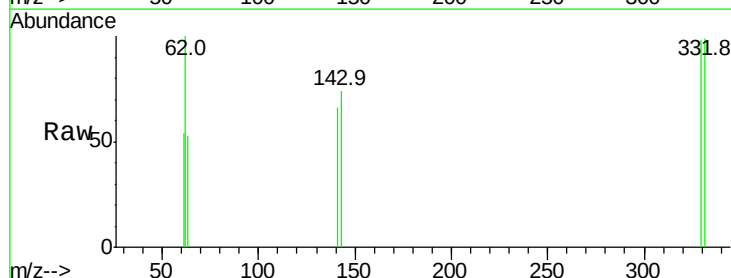
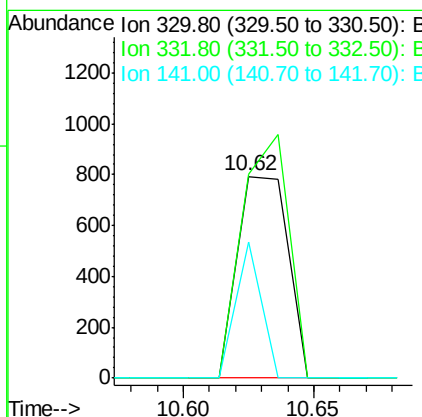
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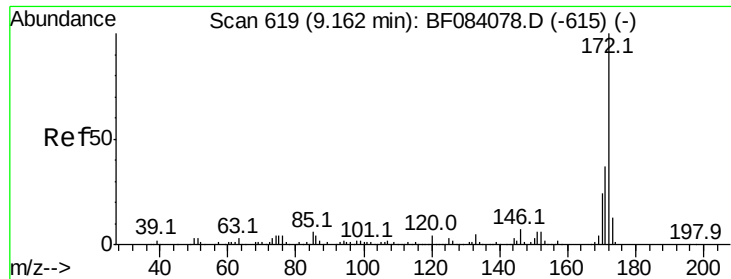
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#41
 2,4,6-Tribromophenol
 Concen: 1.23 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084129.D
 Acq: 25 Dec 2015 14:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	112.0	76.6	114.8
141	34.1	27.8	41.6





#44

2-Fluorobiphenyl

Concen: 2.43 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF084129.D

Acq: 25 Dec 2015 14:59

Instrument :

BNA_F

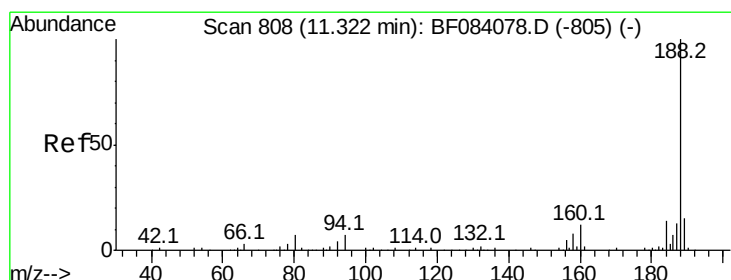
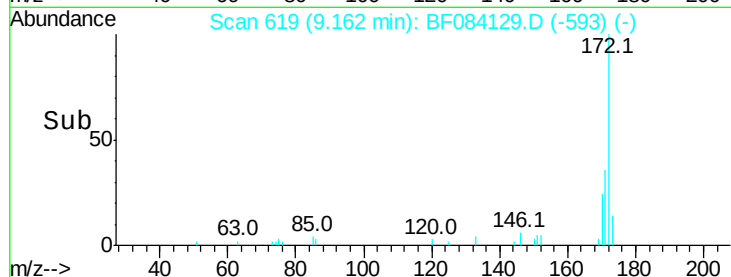
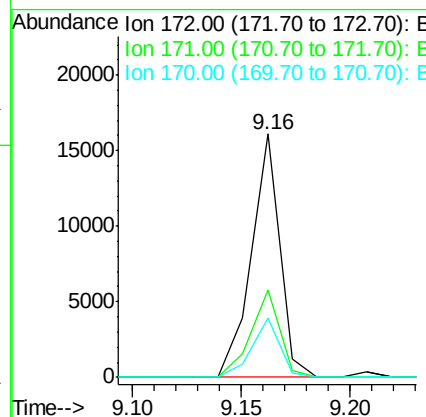
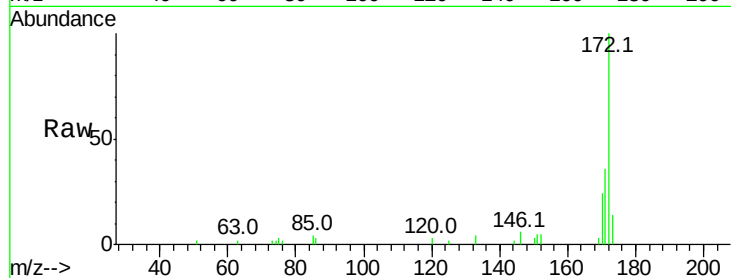
ClientSampleId :

SYSDIS-121715DL

Tot Ion:	172	Resp:	14579
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.9	43.3
170	24.1	18.6	27.8

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#63

Phenanthrene-d10

Concen: 20.00 ng

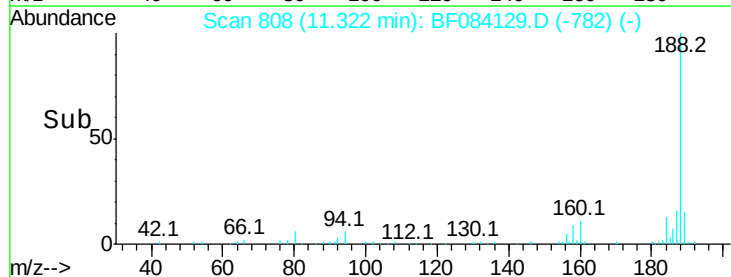
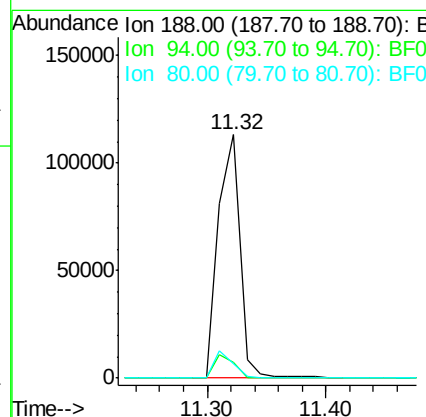
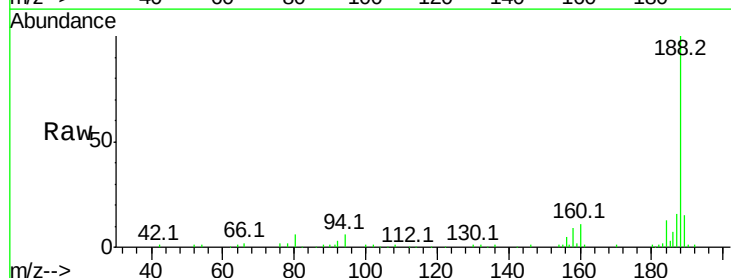
RT: 11.32 min Scan# 808

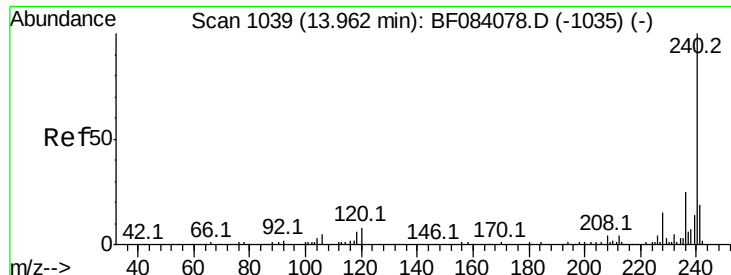
Delta R.T. 0.00 min

Lab File: BF084129.D

Acq: 25 Dec 2015 14:59

Tgt Ion:	188	Resp:	141946
Ion Ratio	Lower	Upper	
188	100		
94	6.3	9.0	13.4#
80	5.9	9.6	14.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF084129.D

Acq: 25 Dec 2015 14:59

Instrument :

BNA_F

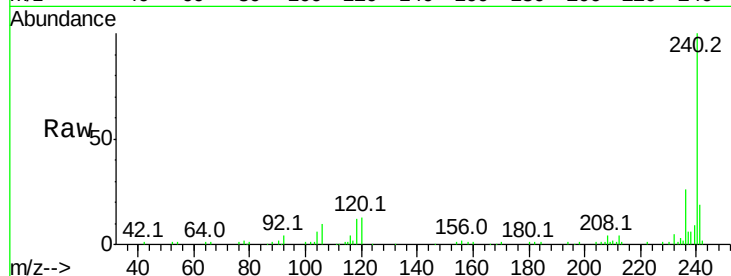
ClientSampleId :

SYSDIS-121715DL

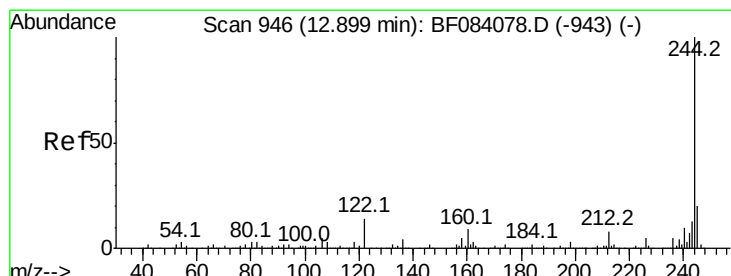
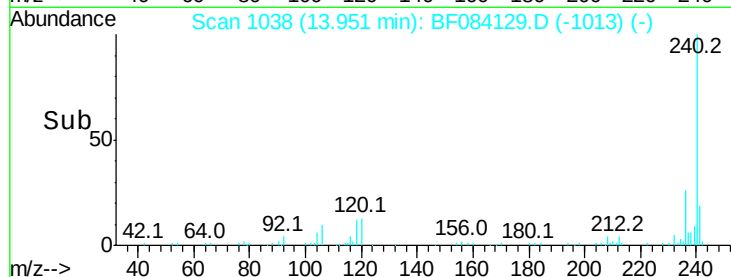
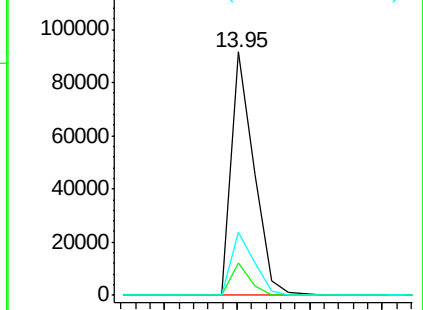
Tot Ion:	240	Resp:	99246
Ion Ratio	Lower	Upper	
240	100		
120	13.2	9.5	14.3
236	25.7	20.6	31.0

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 2.23 ng

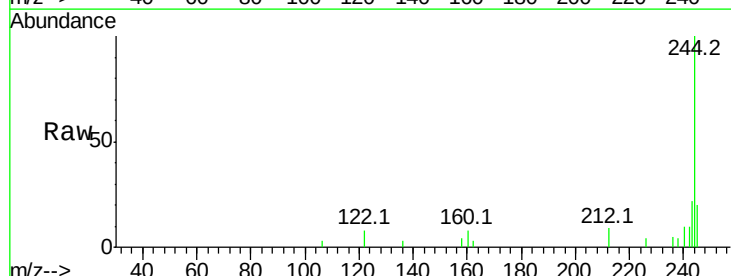
RT: 12.90 min Scan# 946

Delta R.T. 0.00 min

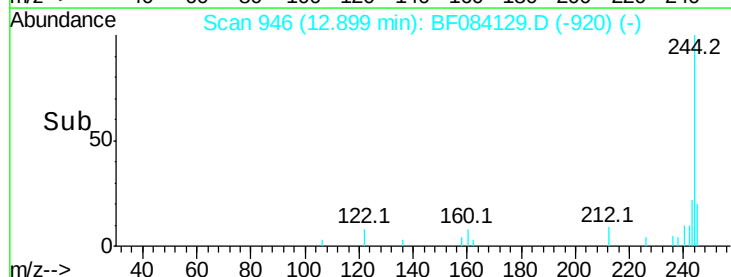
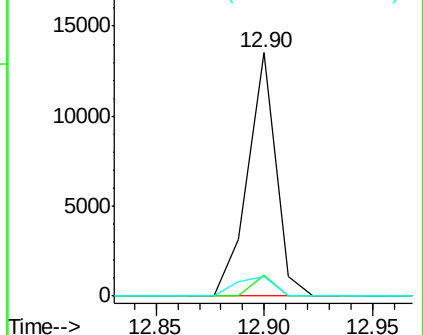
Lab File: BF084129.D

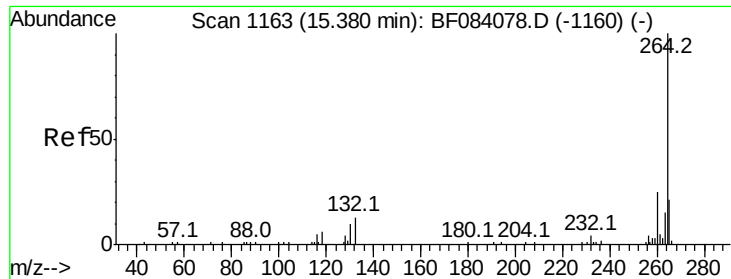
Acq: 25 Dec 2015 14:59

Tgt Ion:	244	Resp:	12204
Ion Ratio	Lower	Upper	
244	100		
212	8.8	5.7	8.5#
122	7.8	7.4	11.0



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





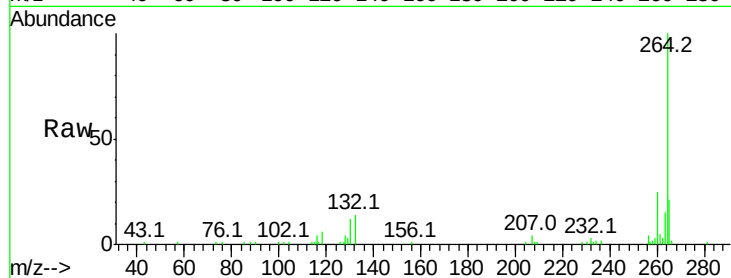
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Instrument :
BNA_F
ClientSampleId :
SYSDIS-121715DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	20.8	17.8	26.6

Manual Integrations
APPROVED

Sohil
12/28/2015 1:10:31 PM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

