

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084130.D
 Acq On : 25 Dec 2015 15:27
 Operator : UM/SJ
 Sample : G4885-02DL 50X
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POSTMIX1DL

Manual Integrations
 APPROVED

Sohil
 12/28/2015 1:10:35 PM

Quant Time: Dec 26 03:49:29 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	51002	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	195698	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	99262	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	170481	20.00	ng	0.00
75) Chrysene-d12	13.95	240	120195	20.00	ng	-0.01
86) Perylene-d12	15.38	264	103299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1355	0.45	ng	0.06
7) Phenol-d6	6.49	99	1429	0.38	ng	0.03
23) Nitrobenzene-d5	7.37	82	5286	1.58	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	1060	1.00	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	13980	1.93	ng	0.00
78) Terphenyl-d14	12.90	244	10344	1.56	ng	0.00
Target Compounds						
6) Aniline	6.46	93	566136	120.32	ng	Qvalue # 80
13) 1,4-Dichlorobenzene	6.82	146	13735m	3.35	ng	
14) 1,2-Dichlorobenzene	6.97	146	22378	5.92	ng	97

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

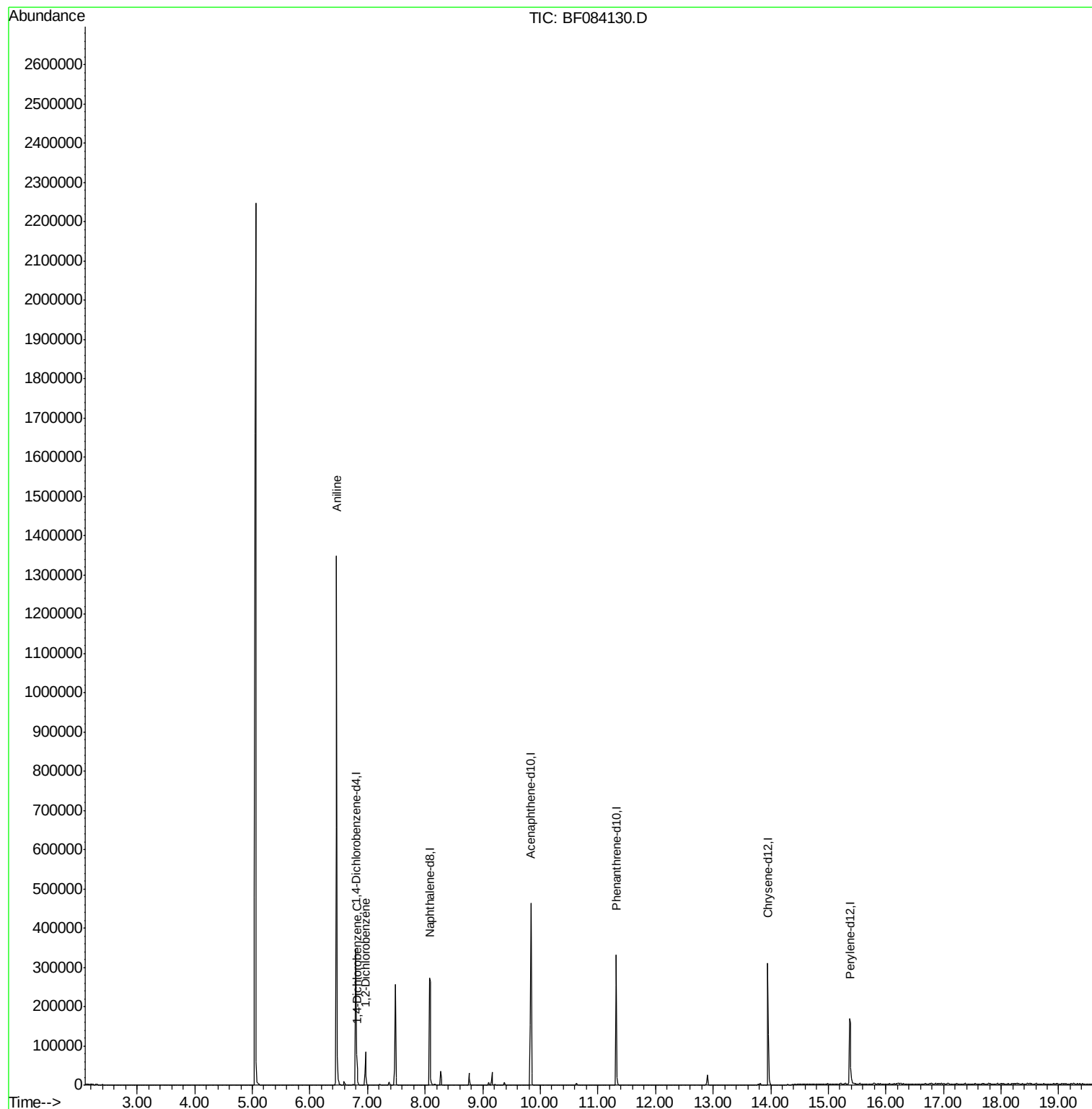
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
Data File : BF084130.D
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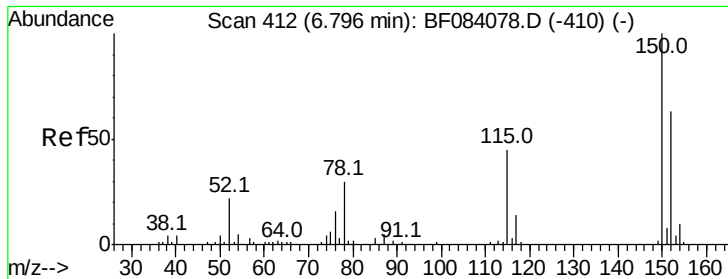
Instrument :
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#1

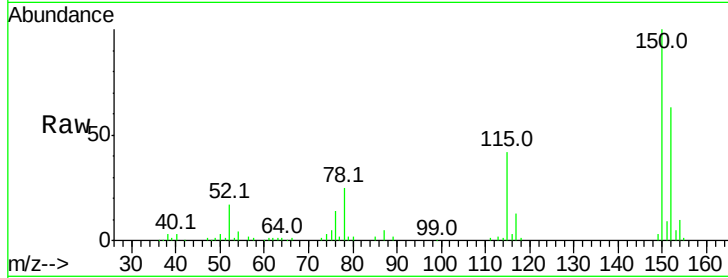
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084130.D
Acq: 25 Dec 2015 15:27

Instrument :
BNA_F
ClientSampleId :
POSTMIX1DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.0	184.4
115	66.4	51.4	77.2

Manual Integrations
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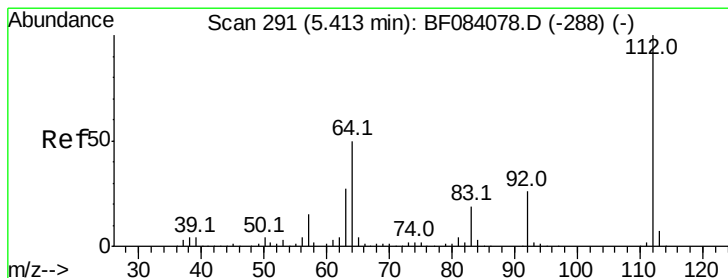
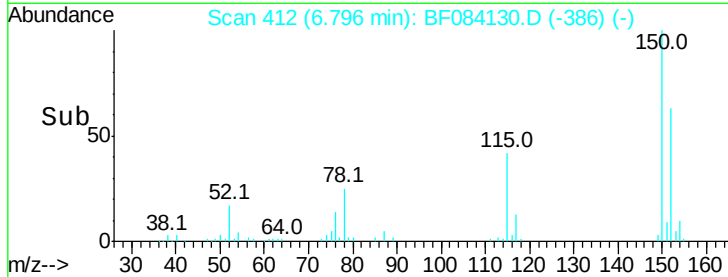
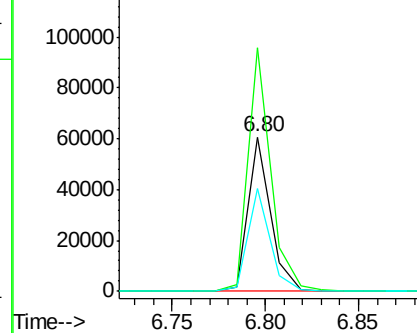


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

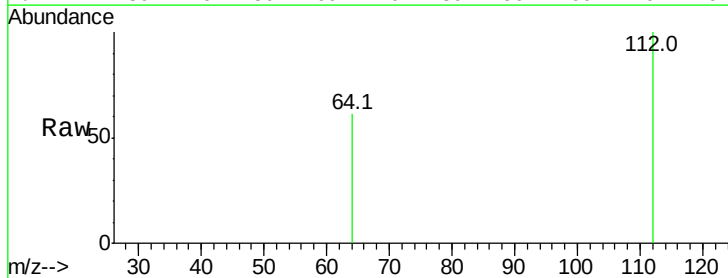
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.45 ng
RT: 5.47 min Scan# 296
Delta R.T. 0.06 min
Lab File: BF084130.D
Acq: 25 Dec 2015 15:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	36.6	55.0#
63	0.0	19.4	29.0#

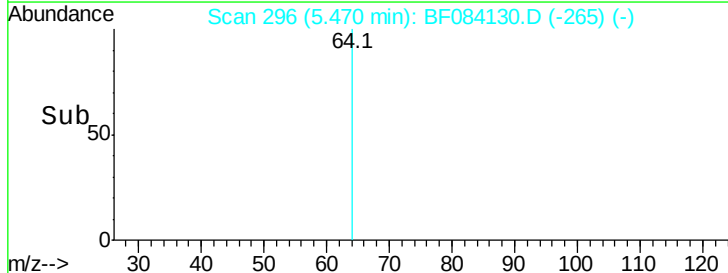
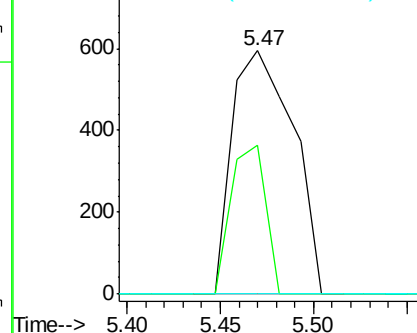


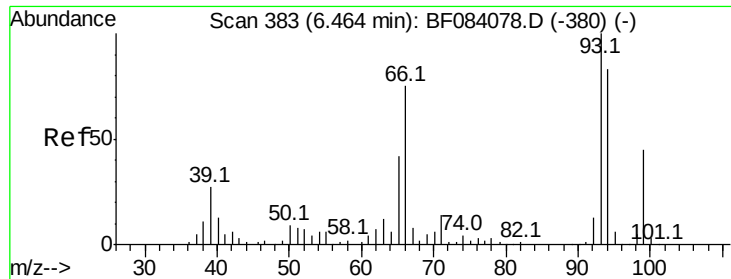
Abundance

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: 120.32 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF084130.D

Acq: 25 Dec 2015 15:27

Instrument :

BNA_F

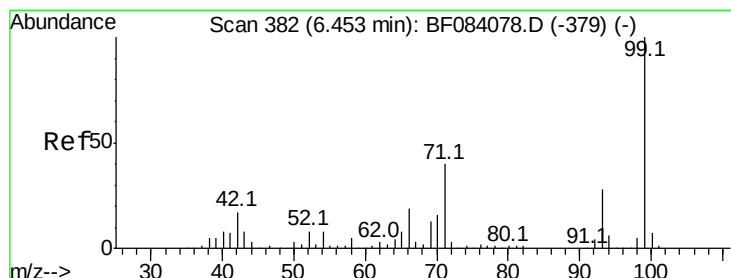
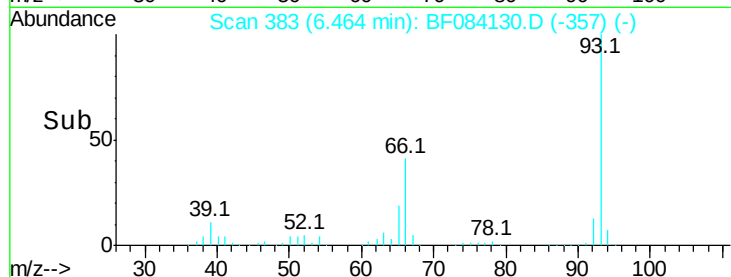
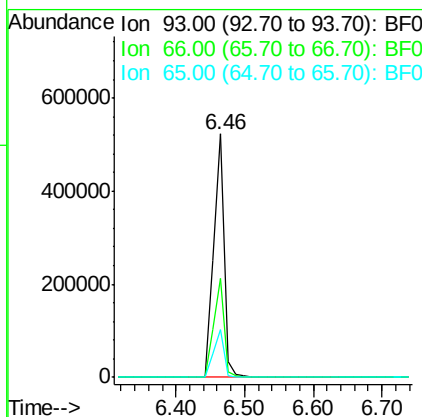
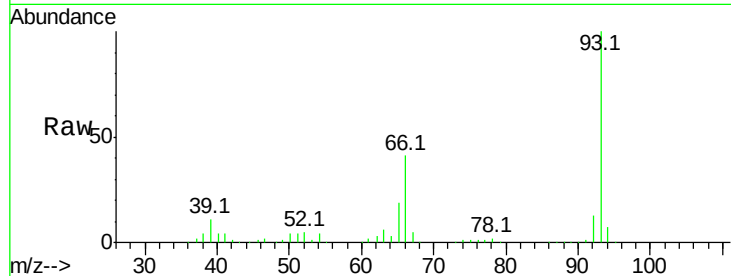
ClientSampleId :

POSTMIX1DL

Tot Ion:	93	Resp:	566136
Ion Ratio	Lower	Upper	
93	100		
66	40.9	44.9	67.3#
65	19.5	23.7	35.5#

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#7

Phenol-d6

Concen: 0.38 ng

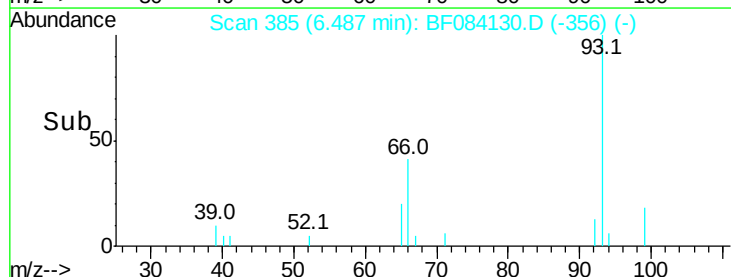
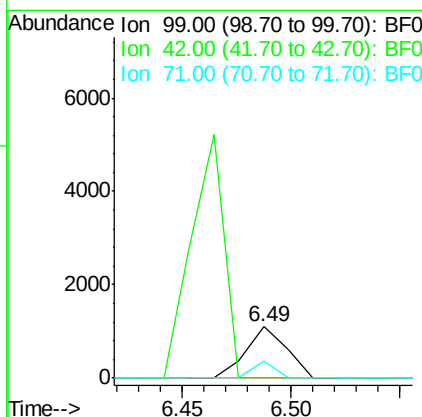
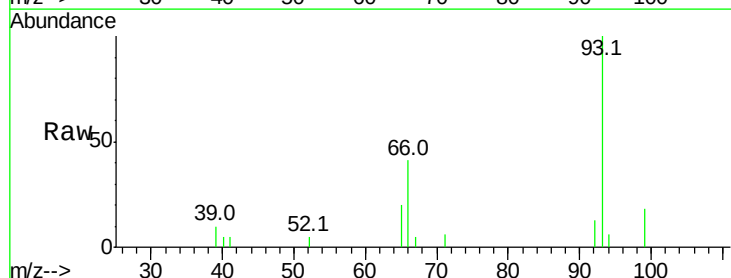
RT: 6.49 min Scan# 385

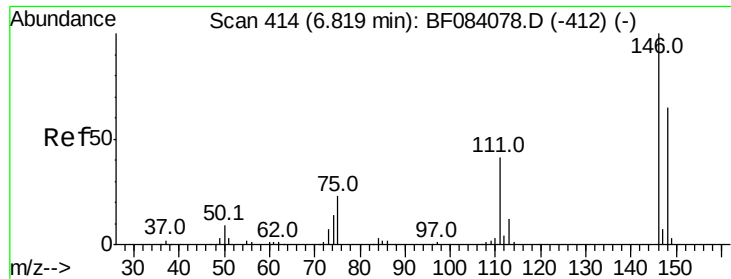
Delta R.T. 0.03 min

Lab File: BF084130.D

Acq: 25 Dec 2015 15:27

Tgt Ion:	99	Resp:	1429
Ion Ratio	Lower	Upper	
99	100		
42	0.0	12.8	19.2#
71	33.3	30.9	46.3





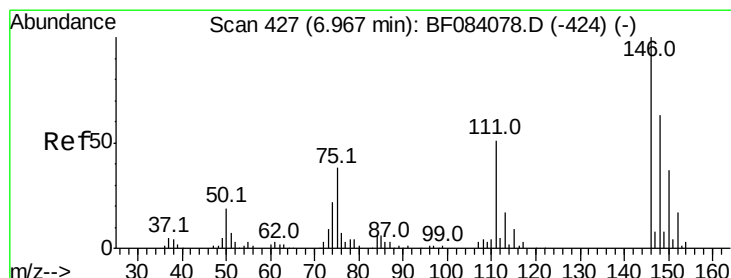
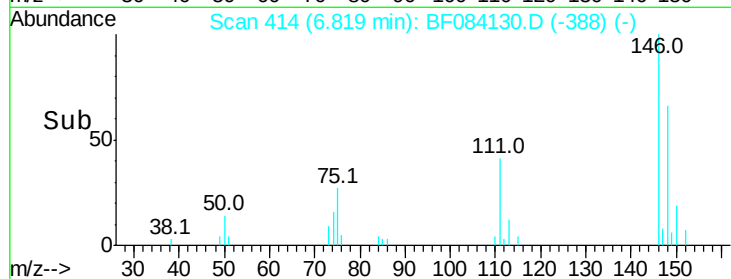
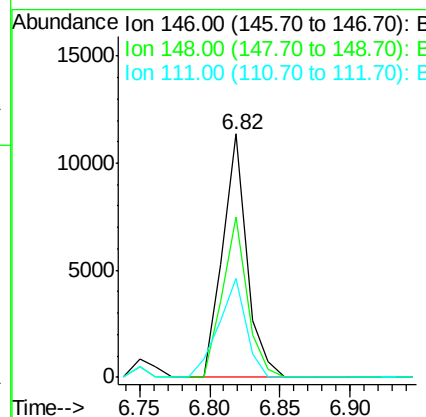
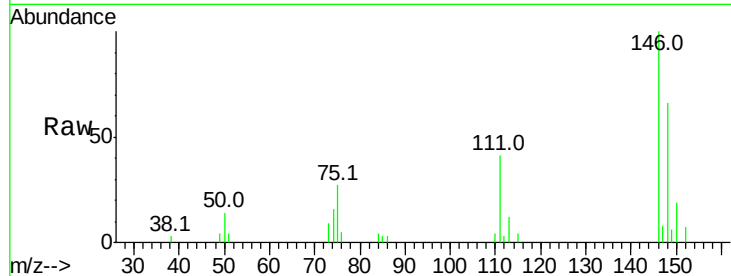
#13
 1,4-Dichlorobenzene
 Concen: 3.35 ng
 RT: 6.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF084130.D
 Acq: 25 Dec 2015 15:27

Instrument :
 BNA_F
 ClientSampleID :
 POSTMIX1DL

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.9	77.9
111	40.6	41.6	62.4

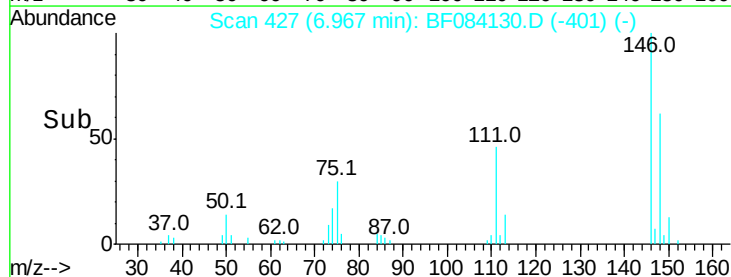
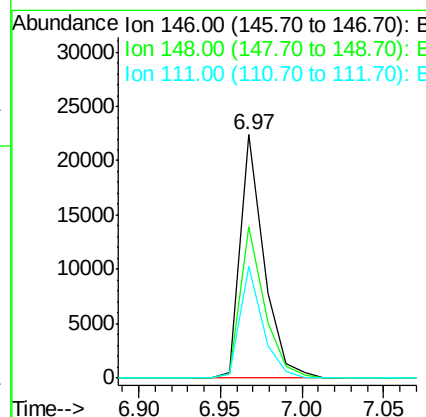
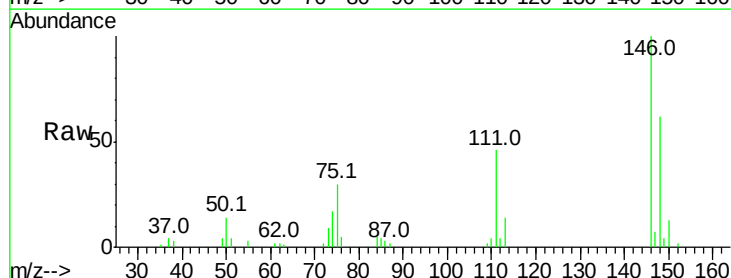
Manual Integrations
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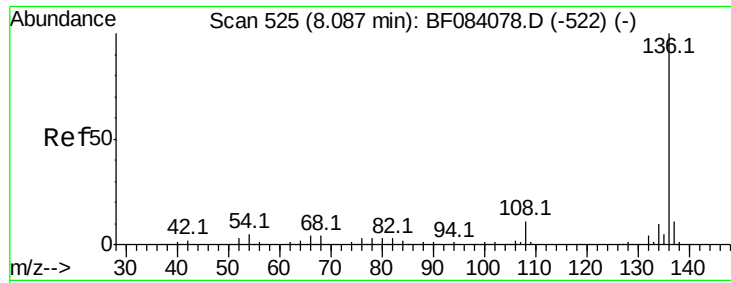
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#14
 1,2-Dichlorobenzene
 Concen: 5.92 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF084130.D
 Acq: 25 Dec 2015 15:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.6	77.4
111	45.8	38.0	57.0





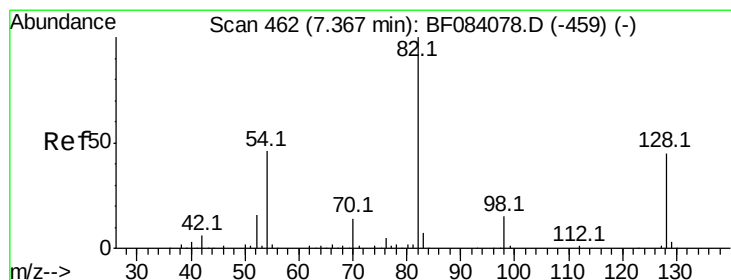
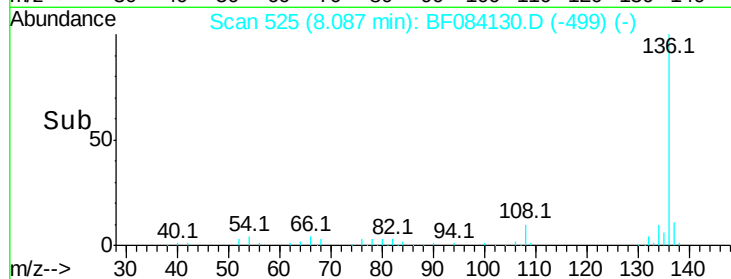
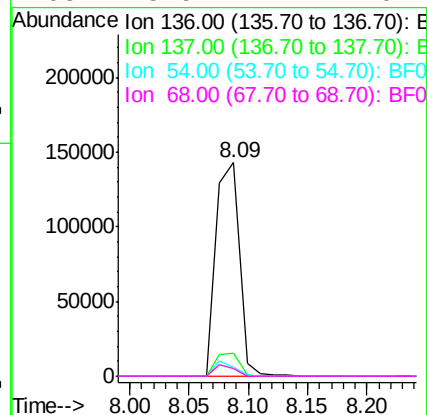
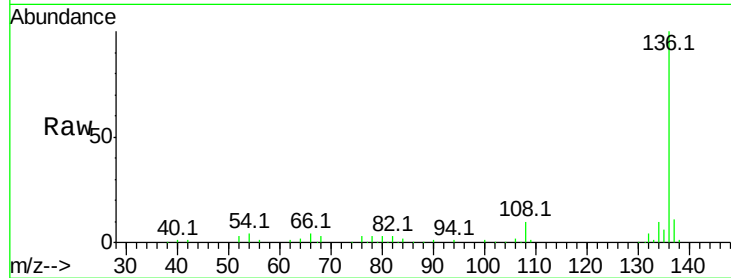
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084130.D
Acq: 25 Dec 2015 15:27

Instrument :
BNA_F
ClientSampleId :
POSTMIX1DL

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.7	13.1
54	4.1	5.8	8.8#
68	3.5	4.2	6.2#

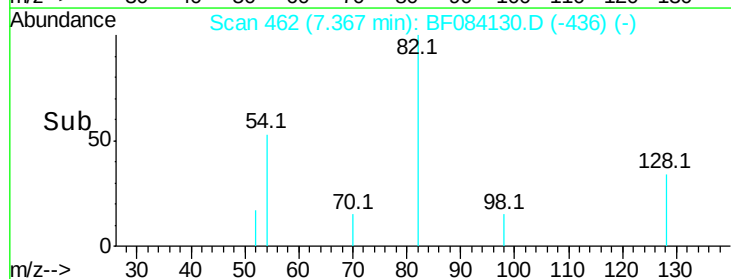
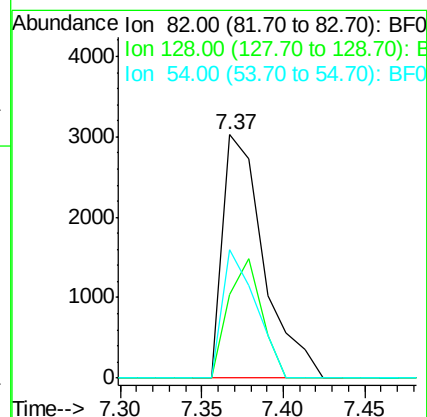
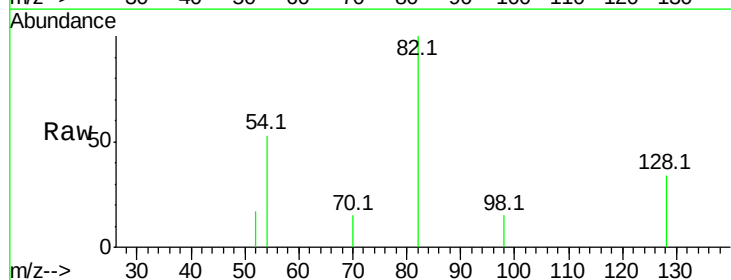
Manual Integrations
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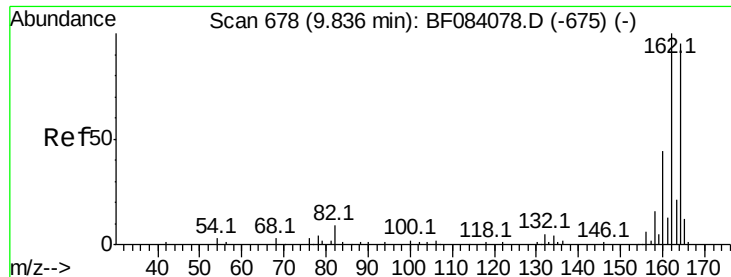
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#23
Nitrobenzene-d5
Concen: 1.58 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF084130.D
Acq: 25 Dec 2015 15:27

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	34.4	34.6	51.8#
54	52.9	38.4	57.6





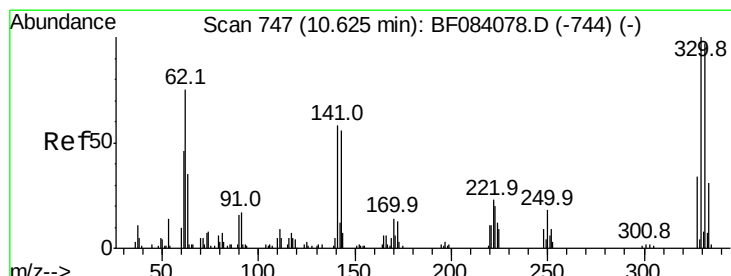
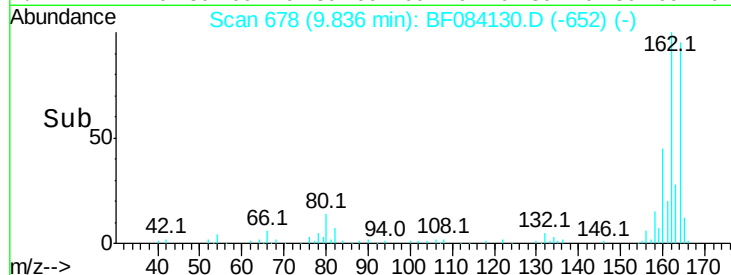
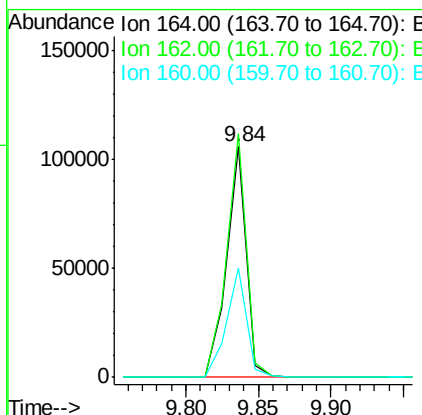
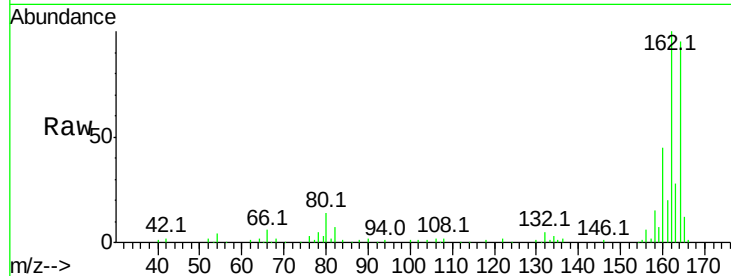
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084130.D
 Acq: 25 Dec 2015 15:27

Instrument :
 BNA_F
 ClientSampleID :
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Tot Ion:	164	Resp:	99262
Ion Ratio	Lower	Upper	
164	100		
162	105.6	85.1	127.7
160	47.2	37.5	56.3

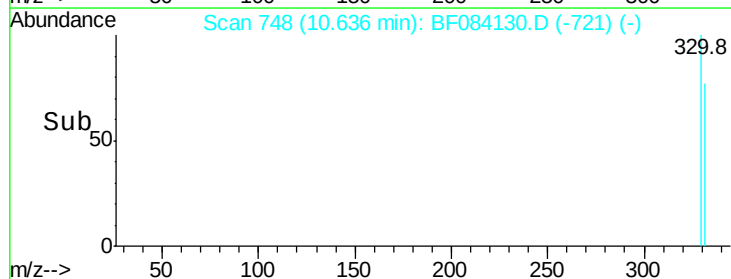
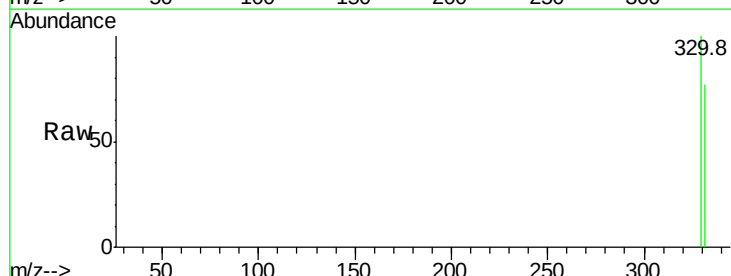
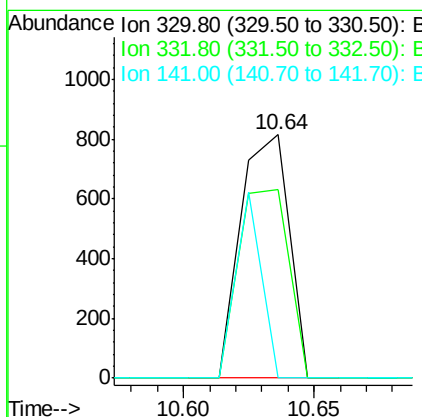
Manual Integrations
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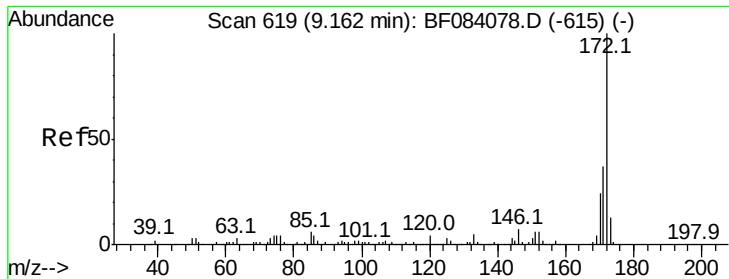
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#41
 2,4,6-Tribromophenol
 Concen: 1.00 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF084130.D
 Acq: 25 Dec 2015 15:27

Tgt Ion:	330	Resp:	1060
Ion Ratio	Lower	Upper	
330	100		
332	80.8	76.6	114.8
141	40.5	27.8	41.6





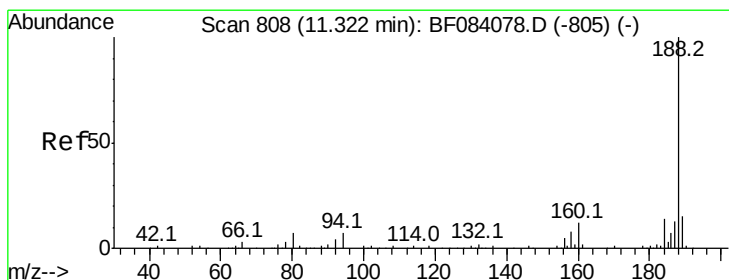
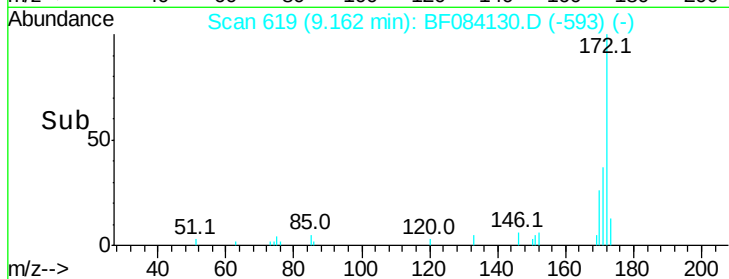
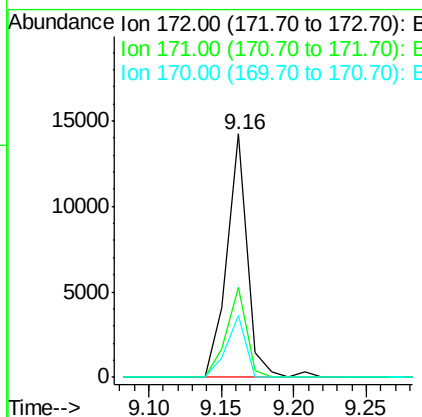
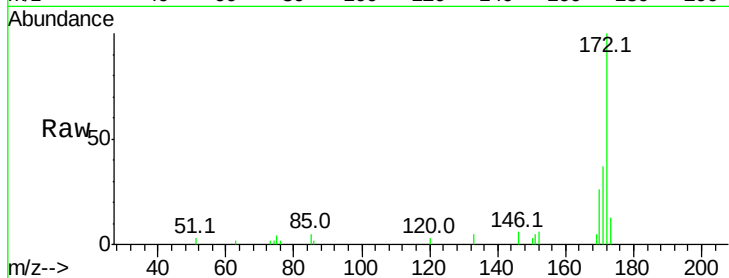
#44
 2-Fluorobiphenyl
 Concen: 1.93 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084130.D
 Acq: 25 Dec 2015 15:27

Instrument :
 BNA_F
 ClientSampleID :
 POSTMIX1DL

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.9	43.3
170	25.5	18.6	27.8

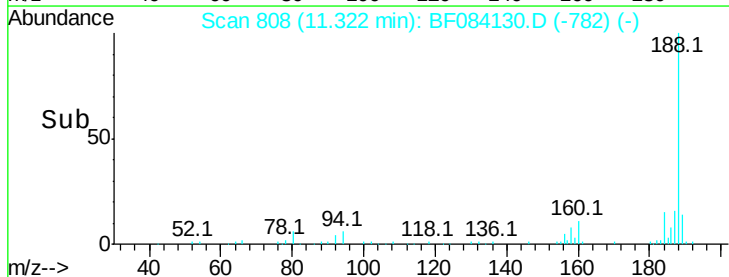
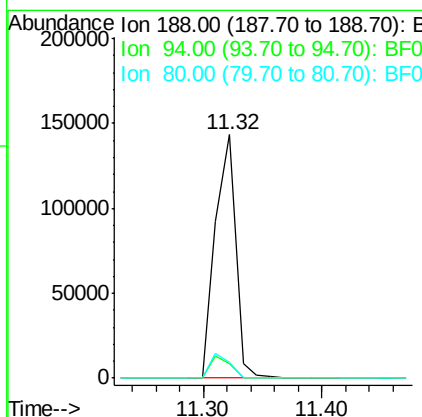
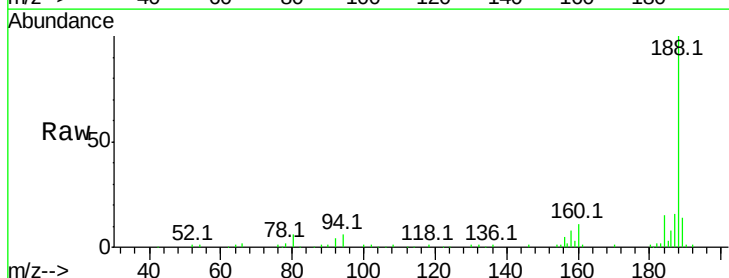
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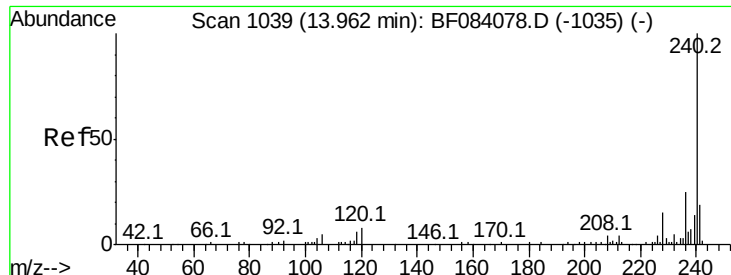
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084130.D
 Acq: 25 Dec 2015 15:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	9.0	13.4#
80	6.3	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: BF084130.D

Acq: 25 Dec 2015 15:27

Instrument :

BNA_F

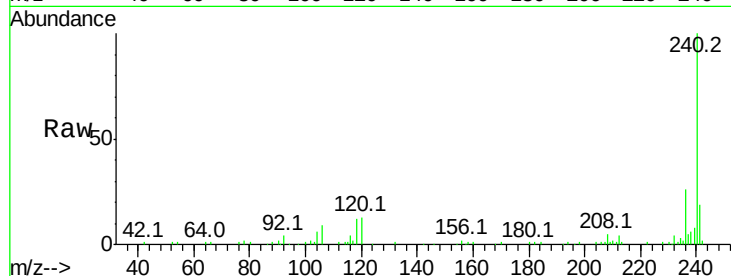
ClientSampleID :

POSTMIX1DL

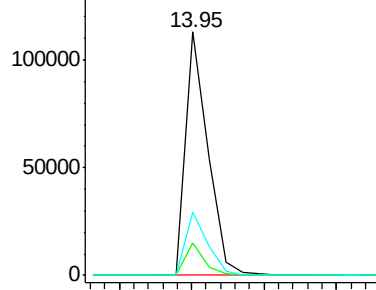
Tot Ion:	240	Resp:	120195
Ion Ratio		Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.8	20.6	31.0

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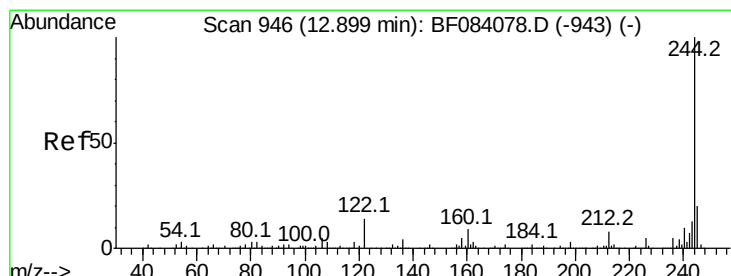
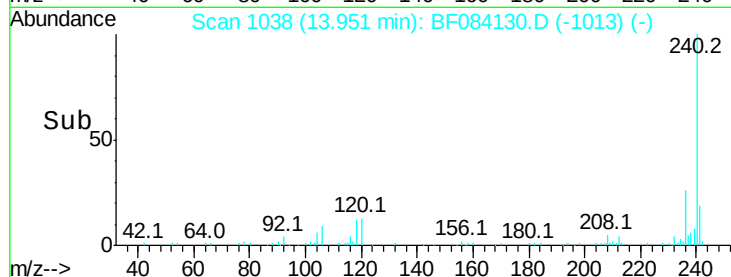
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 1.56 ng

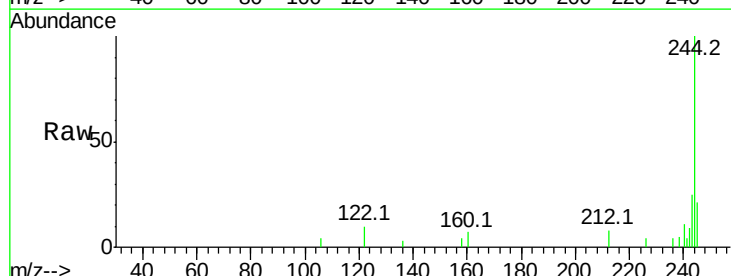
RT: 12.90 min Scan# 946

Delta R.T. 0.00 min

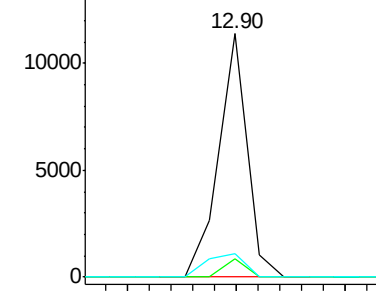
Lab File: BF084130.D

Acq: 25 Dec 2015 15:27

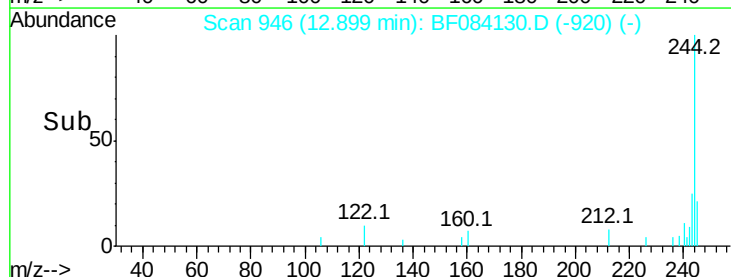
Tgt Ion:	244	Resp:	10344
Ion Ratio		Lower	Upper
244	100		
212	7.8	5.7	8.5
122	9.7	7.4	11.0

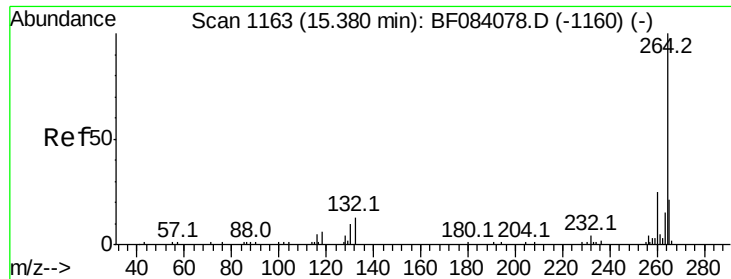


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





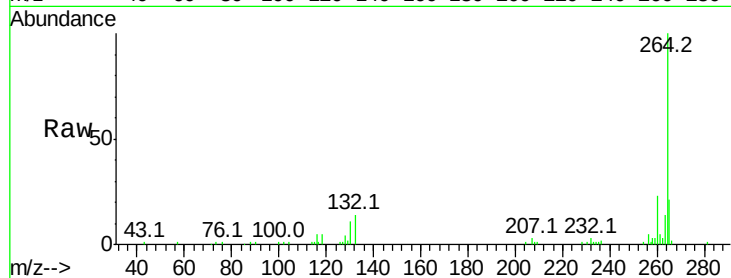
#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF084130.D
 Acq: 25 Dec 2015 15:27

Instrument :
 BNA_F
 ClientSampleId :
 POSTMIX1DL

Tot Ion:	264	Resp:	103299
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.4	29.2
265	21.1	17.8	26.6

Manual Integrations
 APPROVED

Sohil
 12/28/2015 1:10:35 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

