

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
 Data File : BF082978.D
 Acq On : 17 Nov 2015 21:04
 Operator : UM/IZ
 Sample : G4426-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Manual Integrations
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mohammad
 11/19/2015 8:25:15 AM

Quant Time: Nov 18 06:00:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	150227m	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	618463	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	306089	20.00	ng	-0.10
63) Phenanthrene-d10	11.28	188	549725	20.00	ng	-0.10
75) Chrysene-d12	13.91	240	513826	20.00	ng	-0.11
86) Perylene-d12	15.30	264	380957	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1336660	138.44	ng	-0.08
7) Phenol-d6	6.41	99	1619048	126.14	ng	-0.08
23) Nitrobenzene-d5	7.32	82	1297325	91.27	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	375379	106.96	ng	-0.10
44) 2-Fluorobiphenyl	9.12	172	1694446	79.34	ng	-0.10
78) Terphenyl-d14	12.86	244	1729458	79.83	ng	-0.10
Target Compounds						
10) Phenol	6.42	94	38571	2.65	ng	Qvalue 91
49) Dimethylphthalate	9.52	163	574349	22.90	ng	98

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

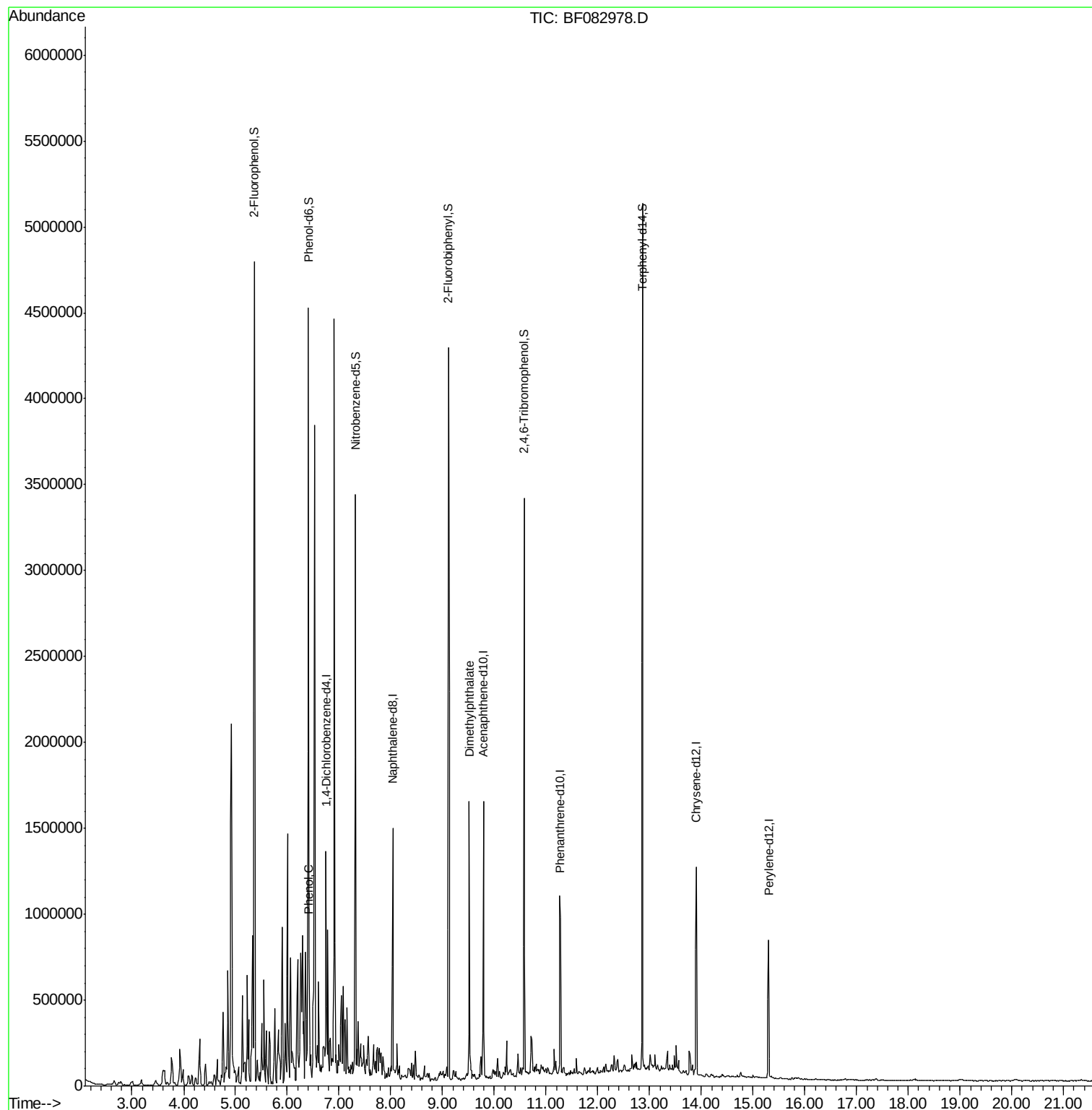
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082978.D
Acq On : 17 Nov 2015 21:04
Operator : UM/IZ
Sample : G4426-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

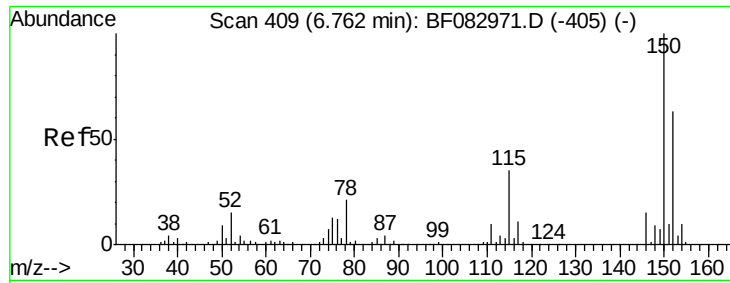
Instrument :
BNA_F
ClientSampleId :
SB-1

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Quant Time: Nov 18 06:00:00 2015
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#1

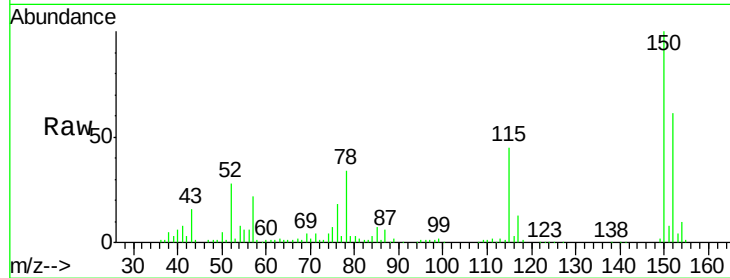
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.75 min Scan# 408
Delta R.T. -0.10 min
Lab File: BF082978.D
Acq: 17 Nov 2015 21:04

Instrument :
BNA_F
ClientSampled :
SB-1

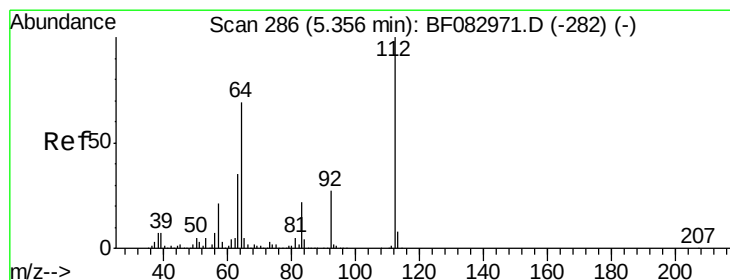
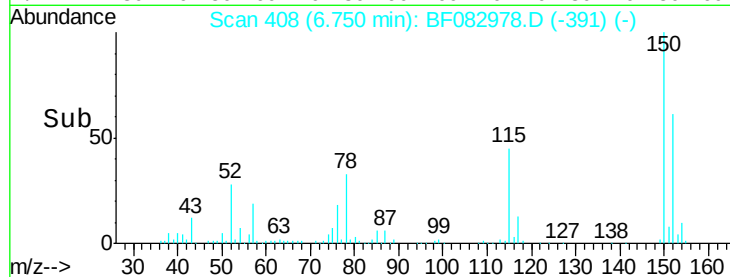
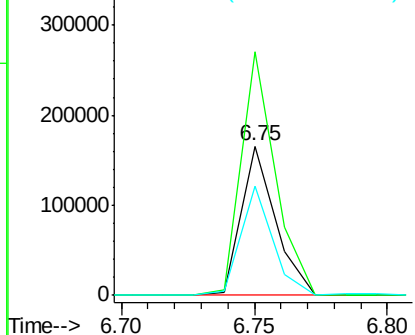
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	150227		
150	163.1	127.0	190.4	
115	72.8	47.0	70.6#	

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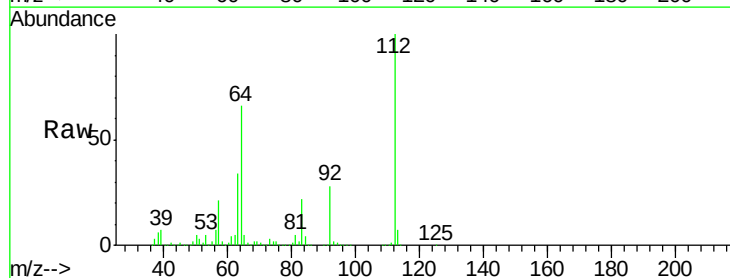
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



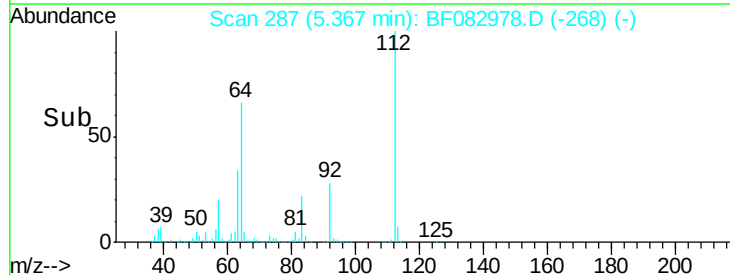
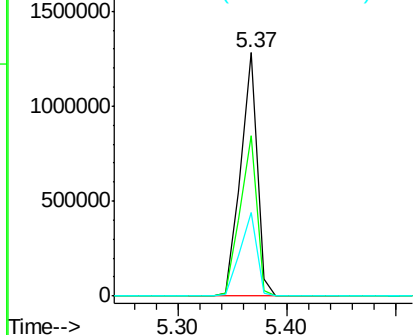
#5

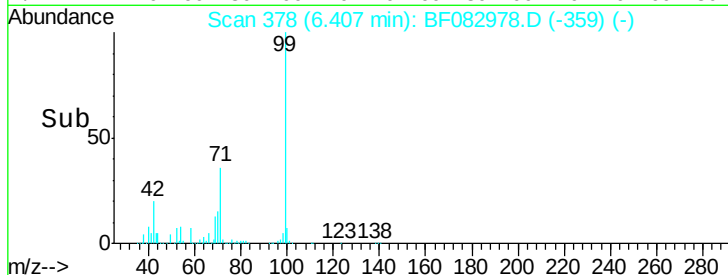
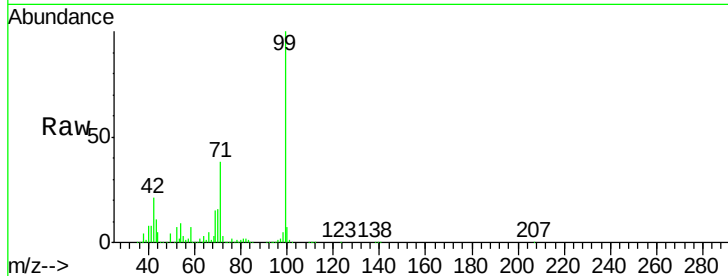
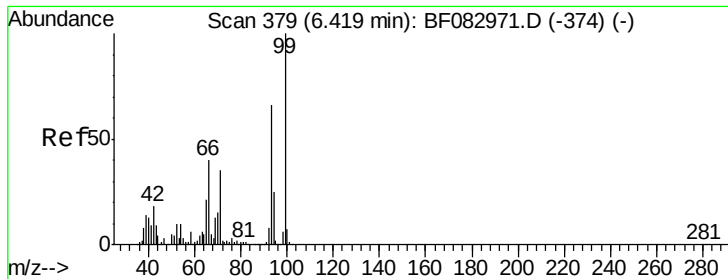
2-Fluorophenol
Concen: 138.44 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.08 min
Lab File: BF082978.D
Acq: 17 Nov 2015 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1336660		
64	66.0	48.9	73.3	
63	34.1	28.1	42.1	



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: 126.14 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.08 min

Lab File: BF082978.D

Acq: 17 Nov 2015 21:04

Tgt Ion:	99	Resp:	1619048
Ion	Ratio	Lower	Upper
99	100		
42	20.6	19.2	28.8
71	37.6	35.0	52.4

Instrument :

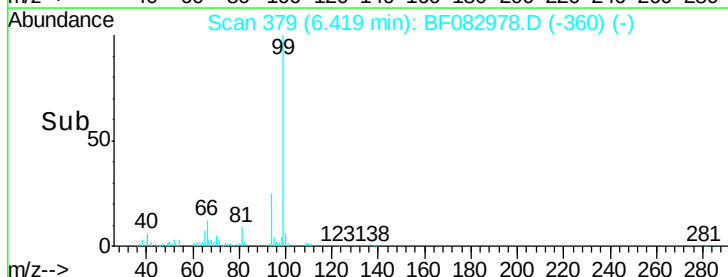
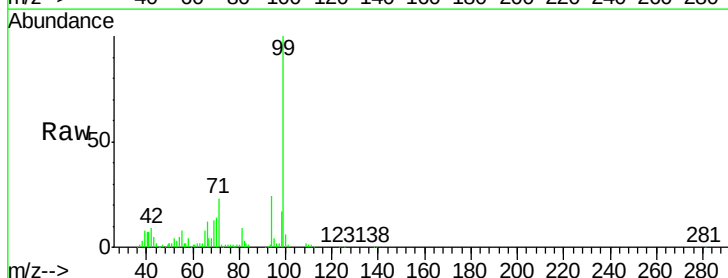
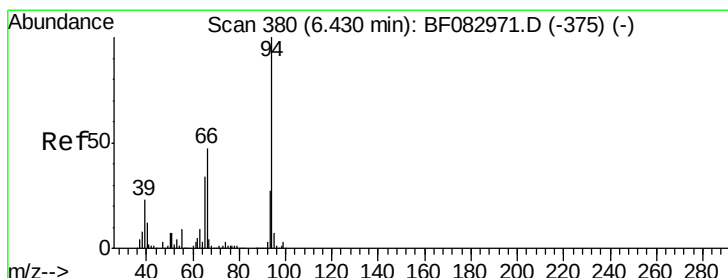
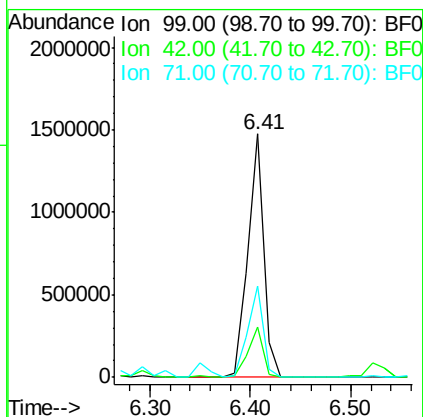
BNA_F

ClientSampleId :

SB-1

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#10

Phenol

Concen: 2.65 ng

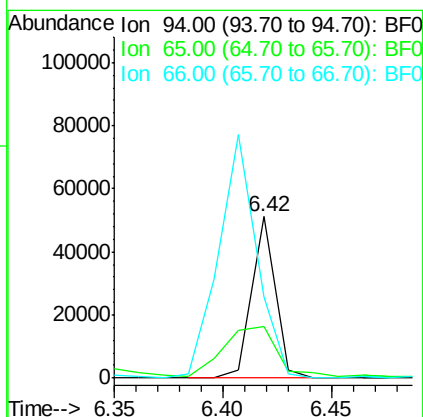
RT: 6.42 min Scan# 379

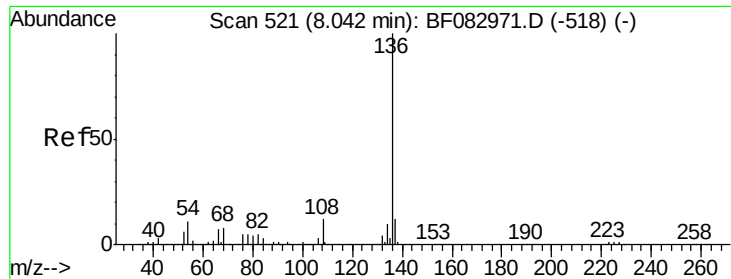
Delta R.T. -0.08 min

Lab File: BF082978.D

Acq: 17 Nov 2015 21:04

Tgt Ion:	94	Resp:	38571
Ion	Ratio	Lower	Upper
94	100		
65	32.2	18.9	58.9
66	50.0	34.9	74.9





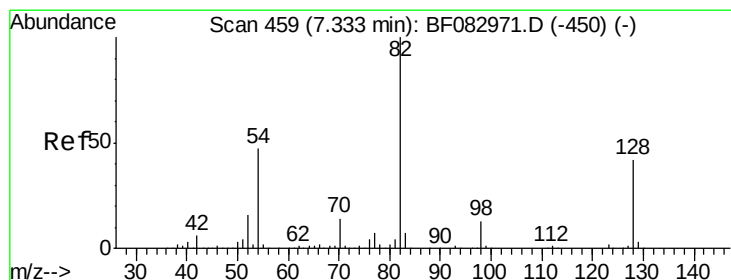
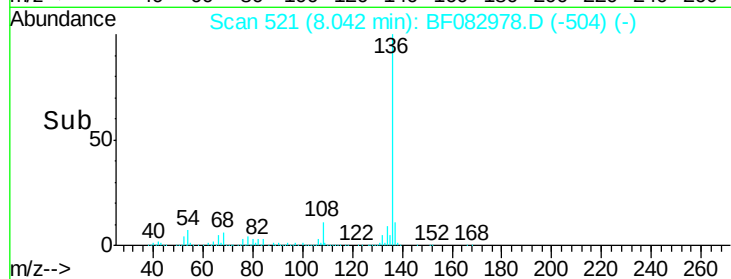
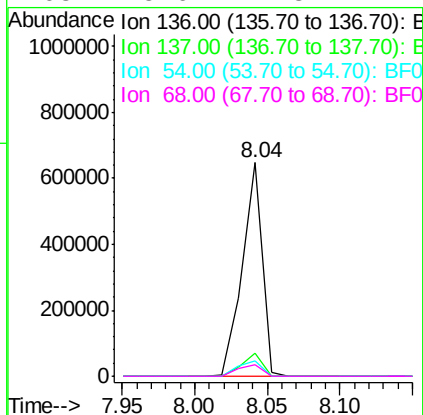
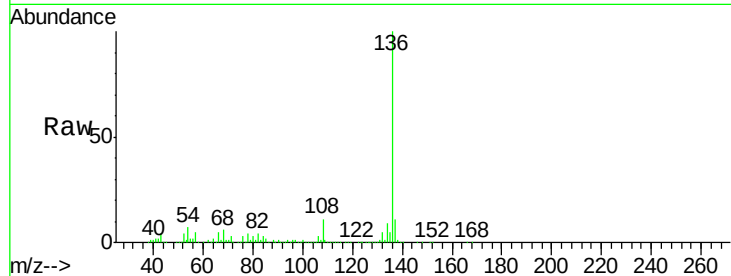
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.10 min
Lab File: BF082978.D
Acq: 17 Nov 2015 21:04

Instrument :
BNA_F
ClientSampleId :
SB-1

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.5	9.1	13.7#
68	5.6	4.8	7.2

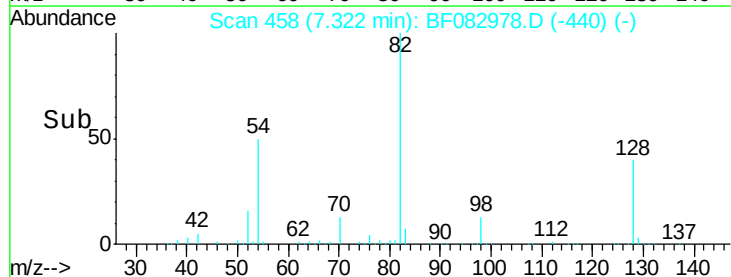
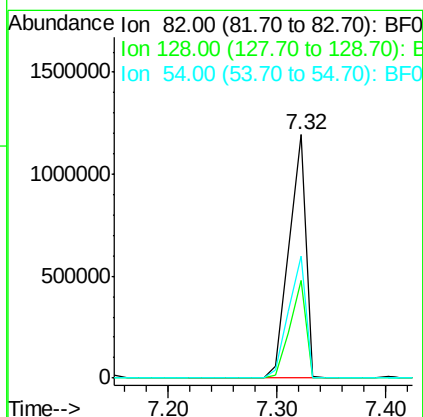
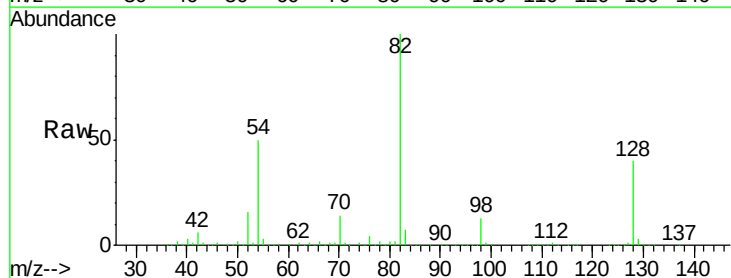
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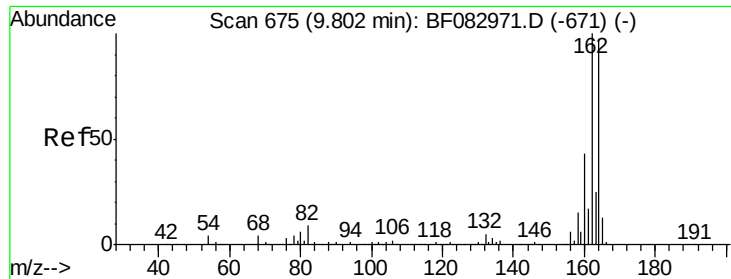
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#23
Nitrobenzene-d5
Concen: 91.27 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.09 min
Lab File: BF082978.D
Acq: 17 Nov 2015 21:04

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	40.1	26.8	40.2
54	50.2	45.7	68.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.10 min

Lab File: BF082978.D

Acq: 17 Nov 2015 21:04

Instrument :

BNA_F

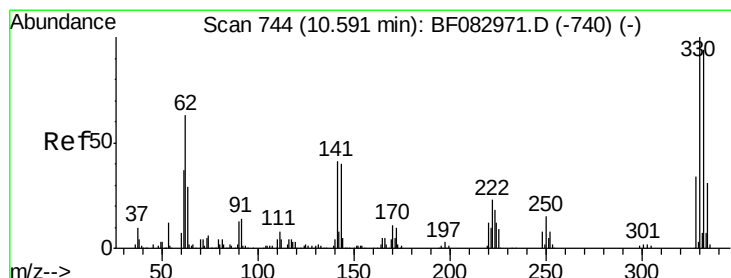
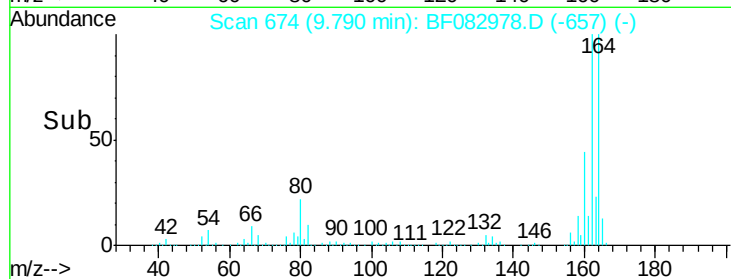
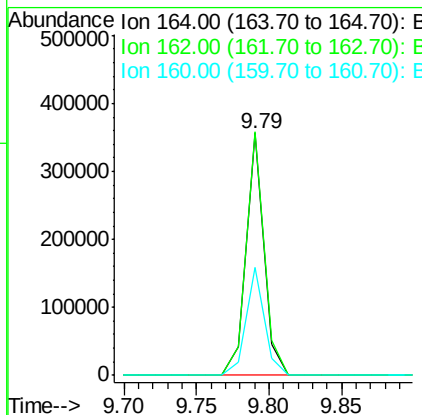
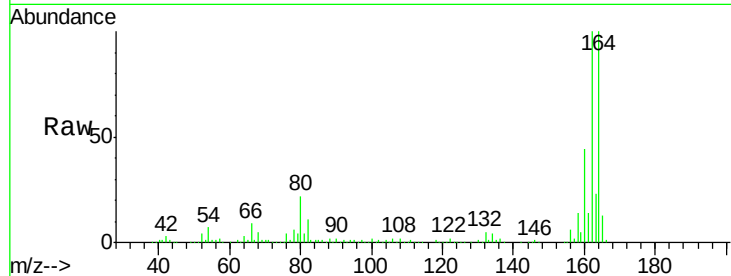
ClientSampleId :

SB-1

Tgt Ion:	164	Resp:	306089
Ion Ratio	Lower	Upper	
164	100		
162	100.5	84.9	127.3
160	44.3	37.5	56.3

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#41

2,4,6-Tribromophenol

Concen: 106.96 ng

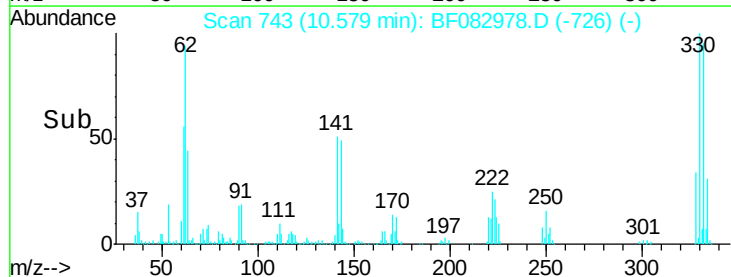
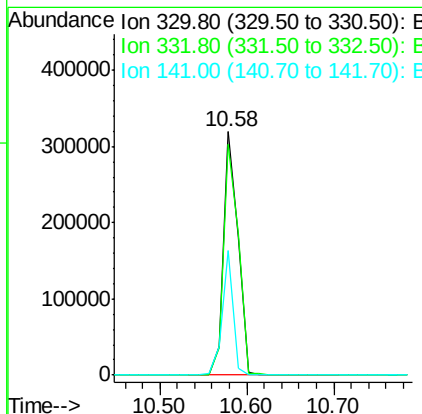
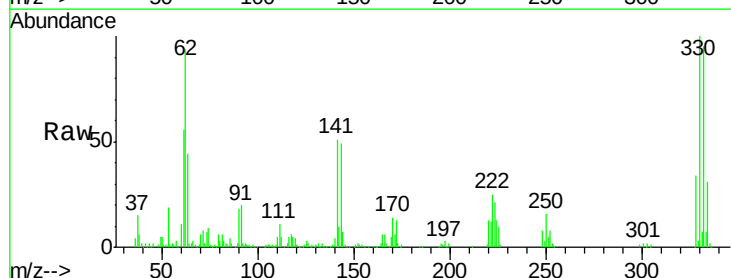
RT: 10.58 min Scan# 743

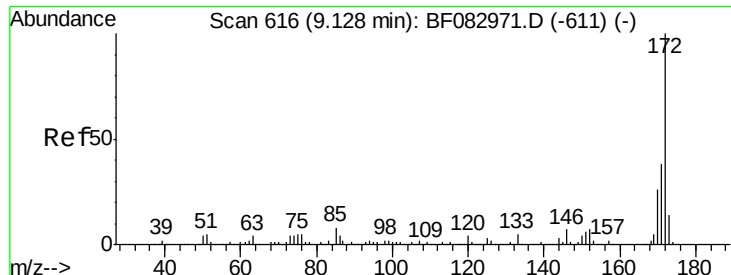
Delta R.T. -0.10 min

Lab File: BF082978.D

Acq: 17 Nov 2015 21:04

Tgt Ion:	330	Resp:	375379
Ion Ratio	Lower	Upper	
330	100		
332	97.5	76.6	114.8
141	38.9	41.2	61.8#





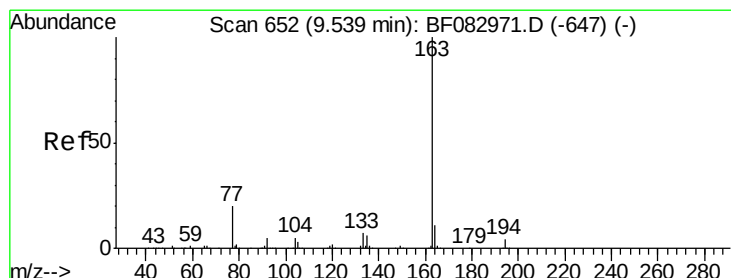
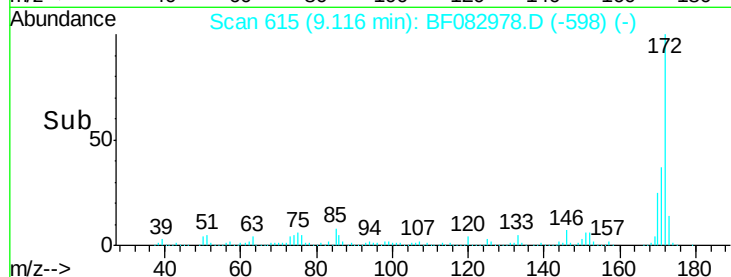
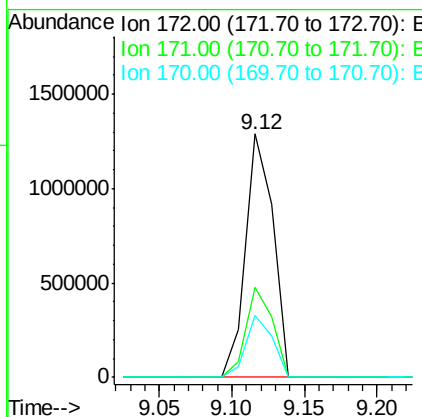
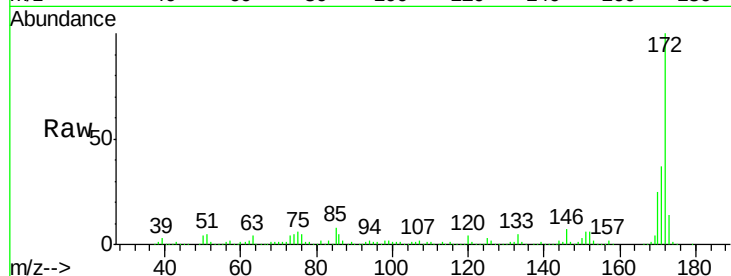
#44
2-Fluorobiphenyl
Concen: 79.34 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.10 min
Lab File: BF082978.D
Acq: 17 Nov 2015 21:04

Instrument :
BNA_F
ClientSampleId :
SB-1

Tgt Ion:172 Resp: 1694446
Ion Ratio Lower Upper
172 100
171 36.8 30.8 46.2
170 25.3 21.2 31.8

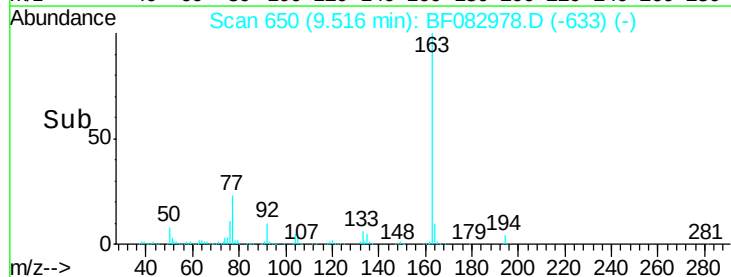
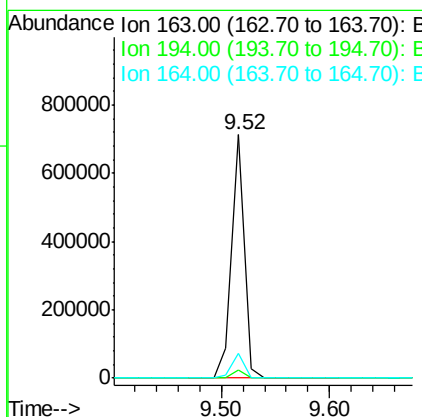
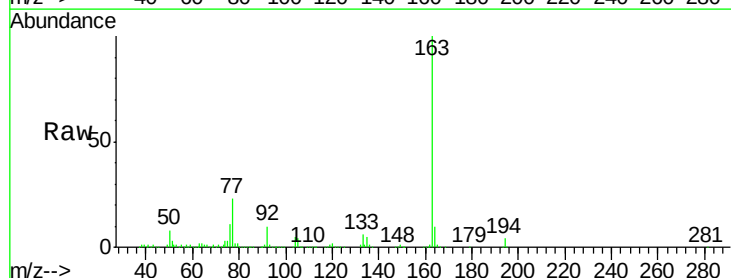
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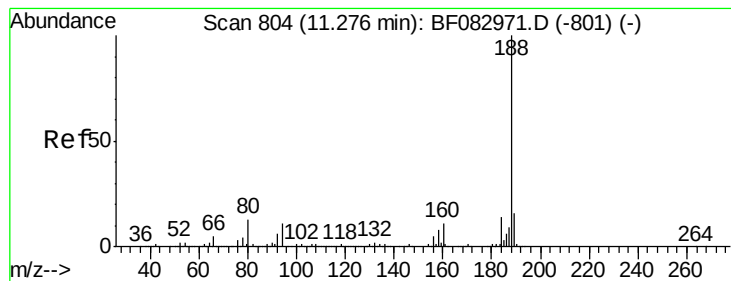
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#49
Dimethylphthalate
Concen: 22.90 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.10 min
Lab File: BF082978.D
Acq: 17 Nov 2015 21:04

Tgt Ion:163 Resp: 574349
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.0 8.7 13.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.10 min

Lab File: BF082978.D

Acq: 17 Nov 2015 21:04

Instrument :

BNA_F

ClientSampled :

SB-1

Tgt Ion:188 Resp: 549725
Ion Ratio Lower Upper

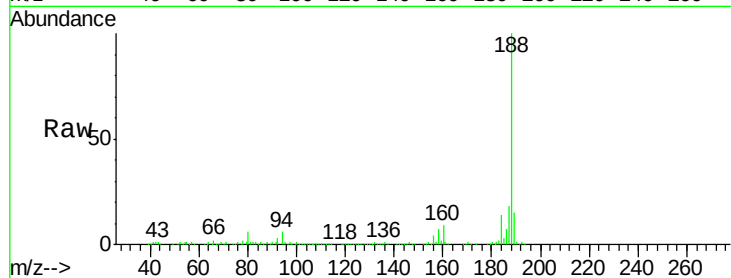
188 100

94 5.6 6.1 9.1#

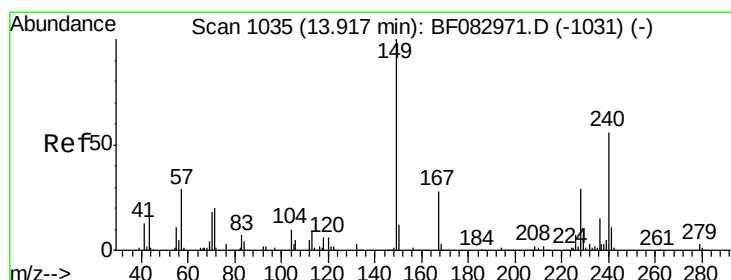
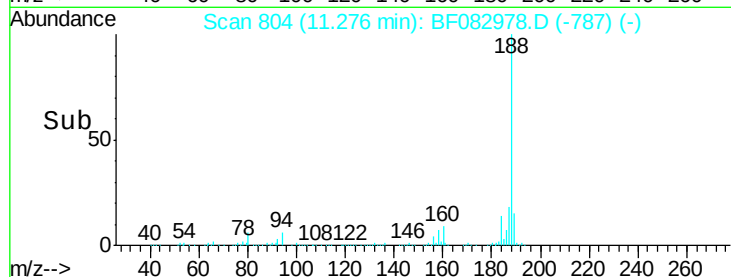
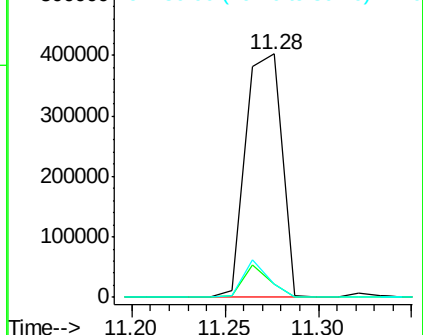
80 5.6 7.0 10.6#

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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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.11 min

Lab File: BF082978.D

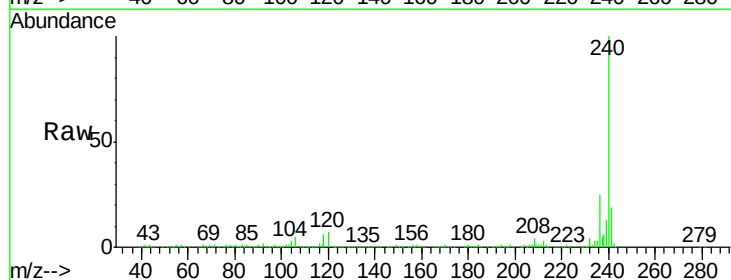
Acq: 17 Nov 2015 21:04

Tgt Ion:240 Resp: 513826
Ion Ratio Lower Upper

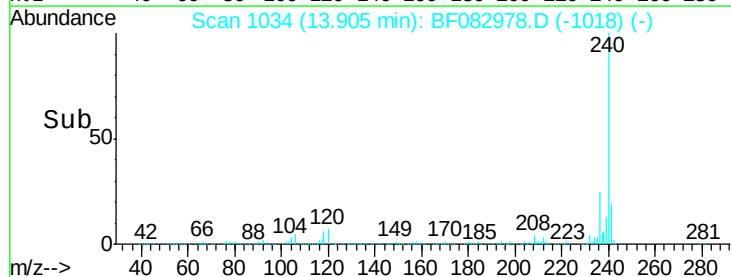
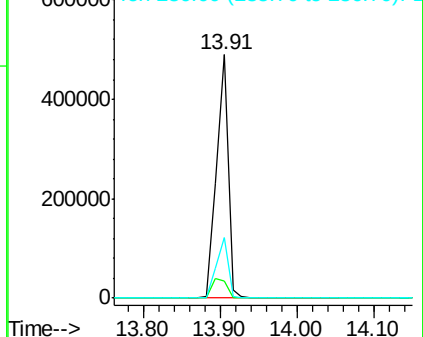
240 100

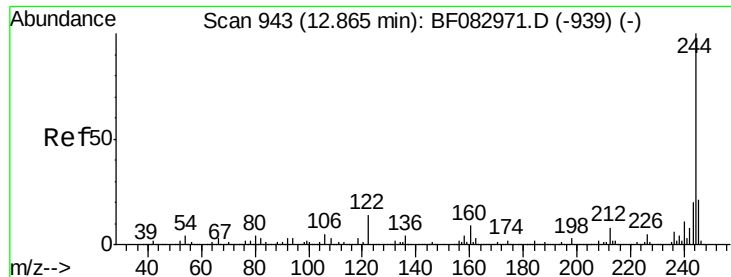
120 7.0 10.9 16.3#

236 25.1 21.6 32.4



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: 79.83 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.10 min

Lab File: BF082978.D

Acq: 17 Nov 2015 21:04

Instrument :

BNA_F

ClientSampleId :

SB-1

Tgt Ion:244 Resp: 1729458

Ion Ratio Lower Upper

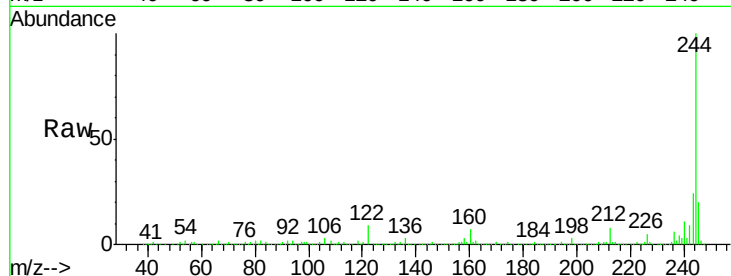
244 100

212 8.1 7.6 11.4

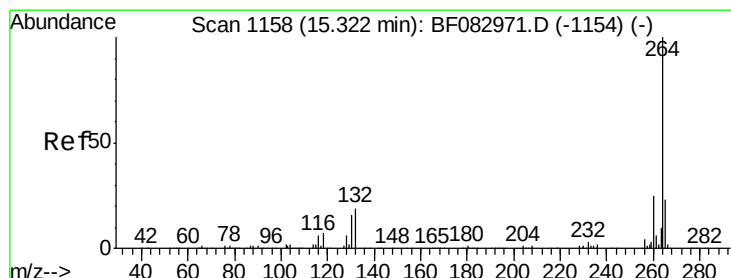
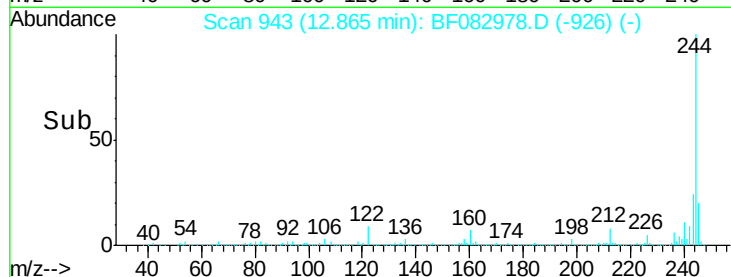
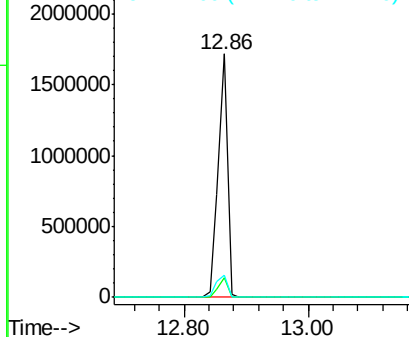
122 9.2 11.3 16.9#

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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

Perylene-d12

Concen: 20.00 ng

RT: 15.30 min Scan# 1156

Delta R.T. -0.16 min

Lab File: BF082978.D

Acq: 17 Nov 2015 21:04

Tgt Ion:264 Resp: 380957

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.6

265 21.4 17.4 26.0

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

