

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089852.D
 Acq On : 24 Aug 2016 1:09
 Operator : UM/SJ
 Sample : H4547-06DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-5(1-1.5)DL

Manual Integrations
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Quant Time: Aug 25 14:12:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	407181	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	1582144	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	777149	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1452217	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	1214707	20.00	ng	-0.05
86) Perylene-d12	15.27	264	967736	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	102692	4.33	ng	-0.02
7) Phenol-d6	6.30	99	195421	6.70	ng	-0.02
23) Nitrobenzene-d5	7.23	82	113935	4.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	36290	4.91	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	218853	4.95	ng	-0.02
78) Terphenyl-d14	12.76	244	234636	4.37	ng	-0.02
Target Compounds						
31) Naphthalene	7.98	128	2425924	32.81	ng	Qvalue 99
37) 2-Methylnaphthalene	8.66	142	1441897m	30.14	ng	

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

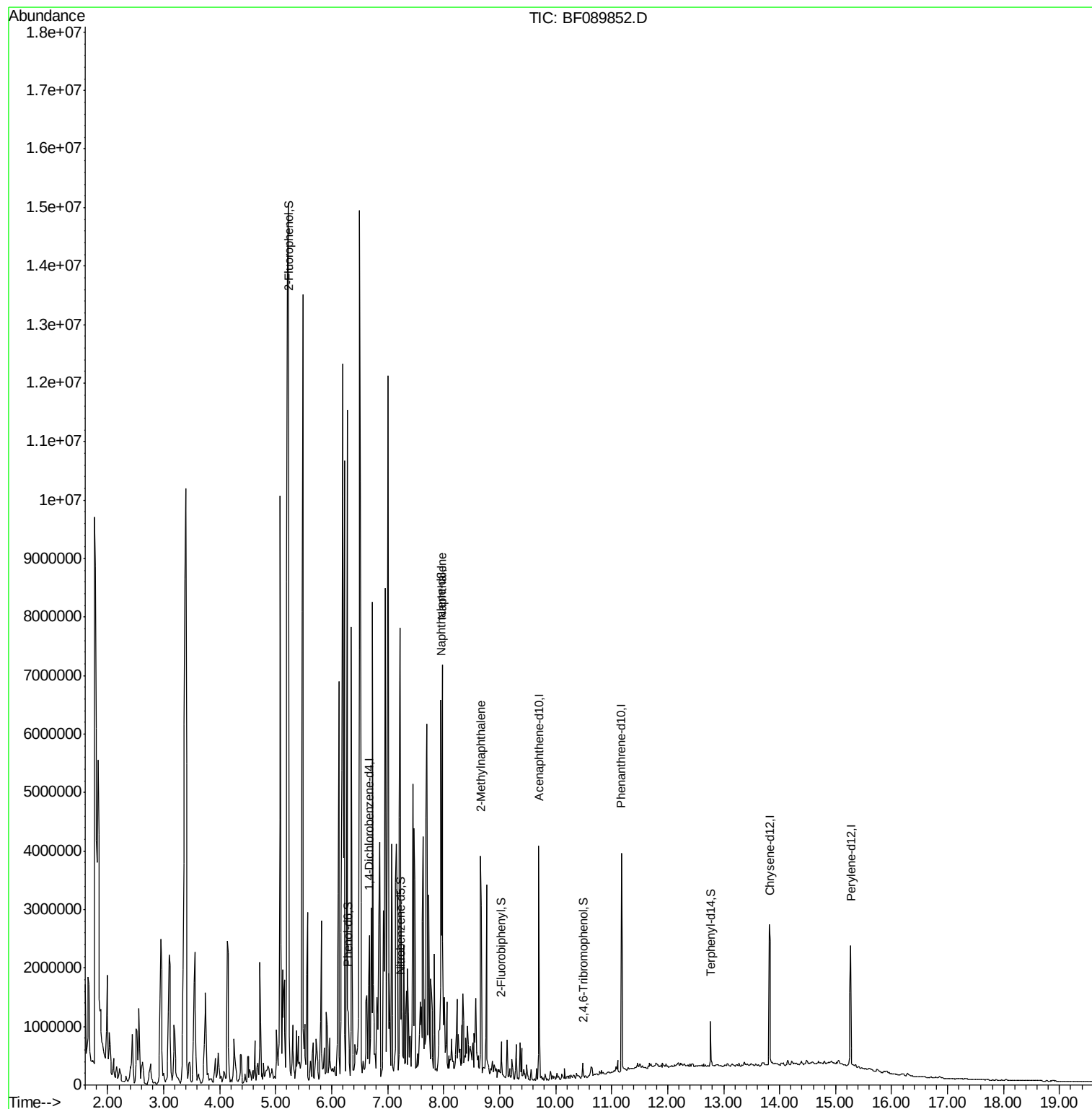
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
Data File : BF089852.D
Acq On : 24 Aug 2016 1:09
Operator : UM/SJ
Sample : H4547-06DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

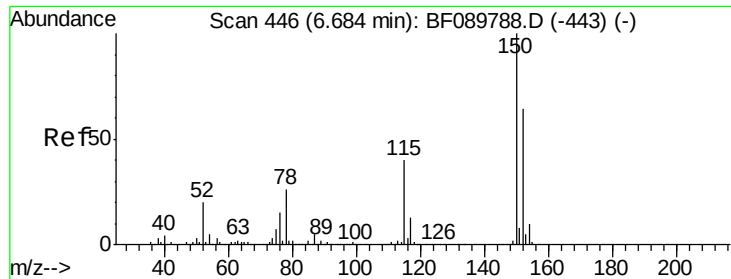
Instrument :
BNA_F
ClientSampleId :
D-5(1-1.5)DL

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#1

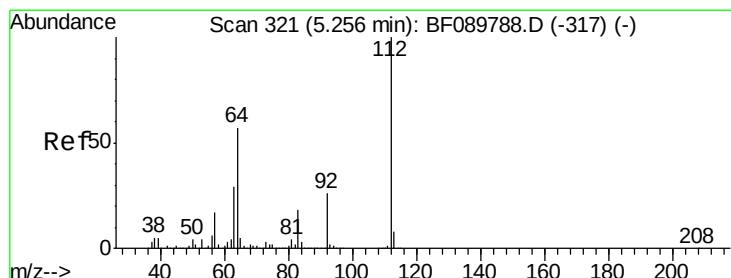
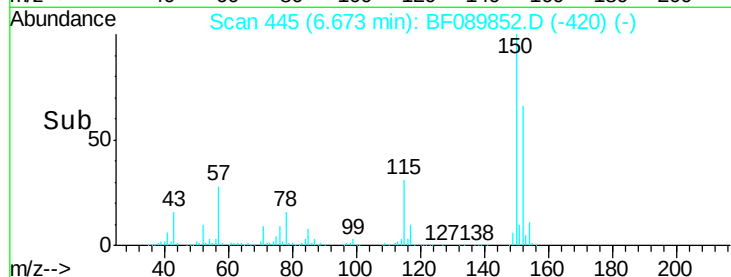
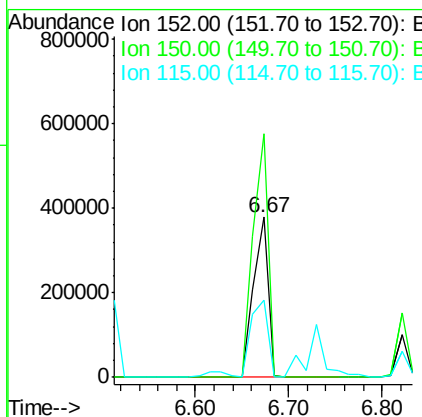
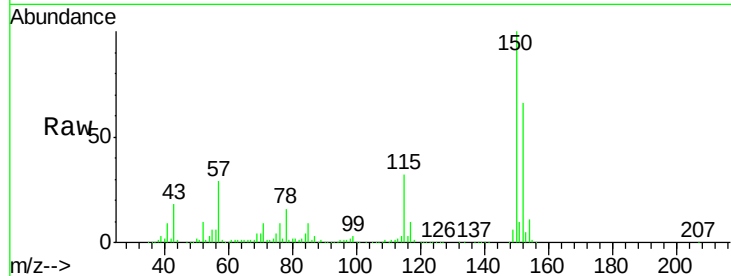
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.01 min
 Lab File: BF089852.D
 Acq: 24 Aug 2016 1:09

Instrument :
 BNA_F
 ClientSampleId :
 D-5(1-1.5)DL

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	407181		
150	152.0	125.3	187.9	
115	48.0	40.9	61.3	

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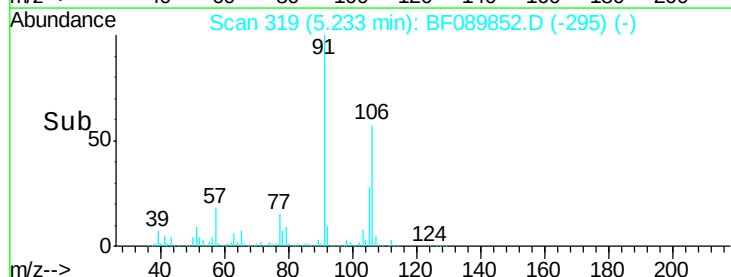
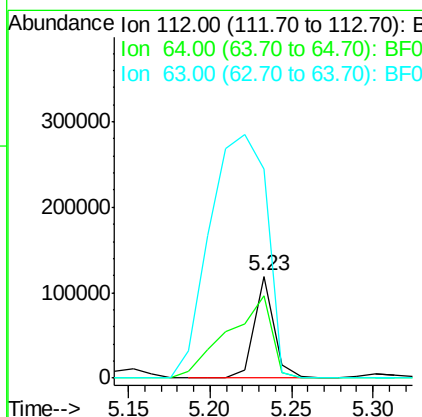
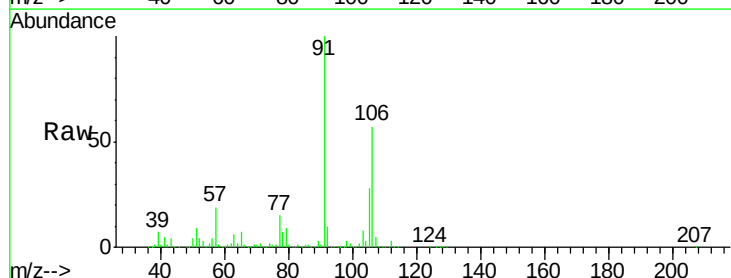
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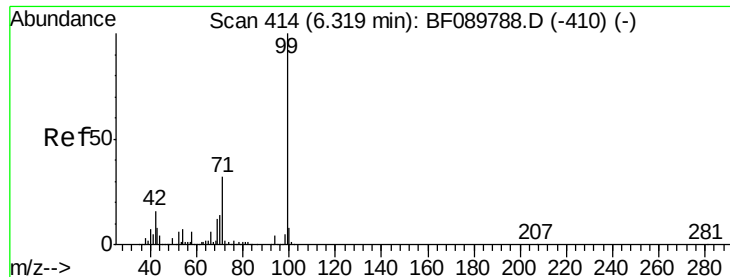


#5

2-Fluorophenol
 Concen: 4.33 ng
 RT: 5.23 min Scan# 319
 Delta R.T. -0.02 min
 Lab File: BF089852.D
 Acq: 24 Aug 2016 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	102692		
64	80.9	45.0	67.4#	
63	205.2	23.1	34.7#	





#7

Phenol-d6

Concen: 6.70 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF089852.D

Acq: 24 Aug 2016 1:09

Instrument :

BNA_F

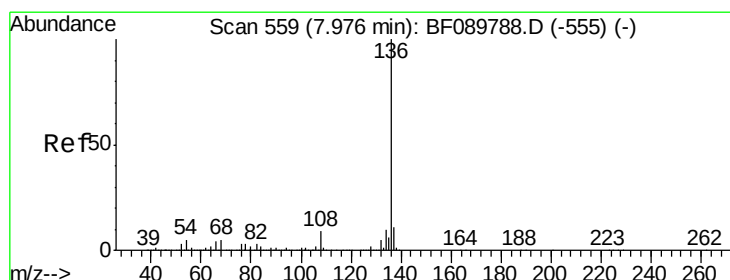
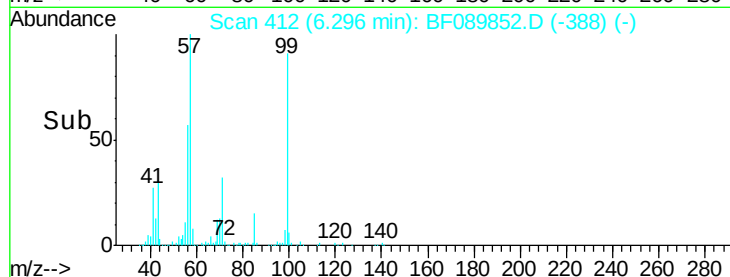
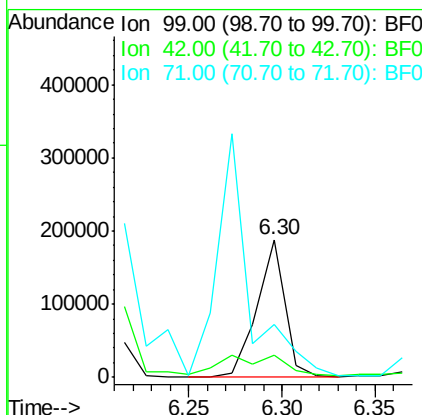
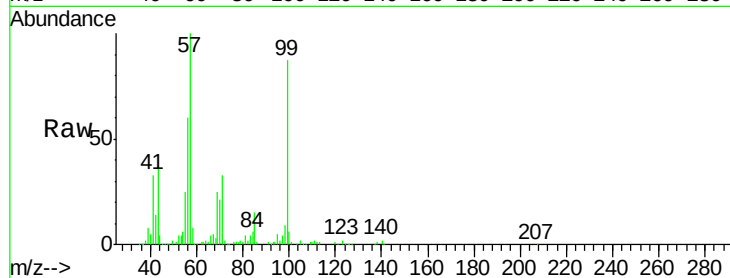
ClientSampleId :

D-5(1-1.5)DL

Tgt Ion:	99	Resp:	195421
Ion Ratio	Lower	Upper	
99	100		
42	16.3	12.2	18.4
71	38.4	23.8	35.8#

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#21

Naphthalene-d8

Concen: 20.00 ng

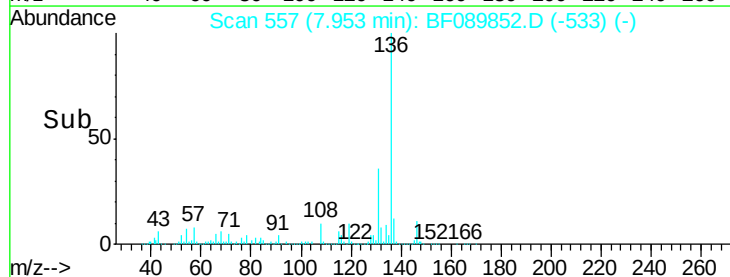
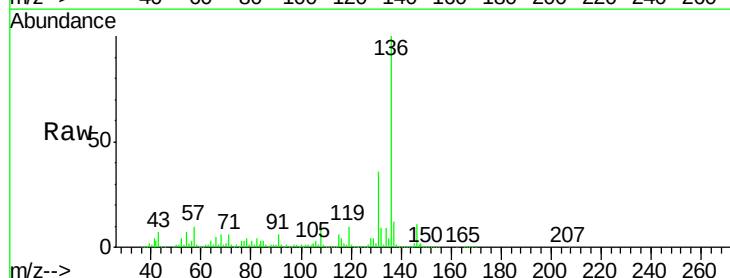
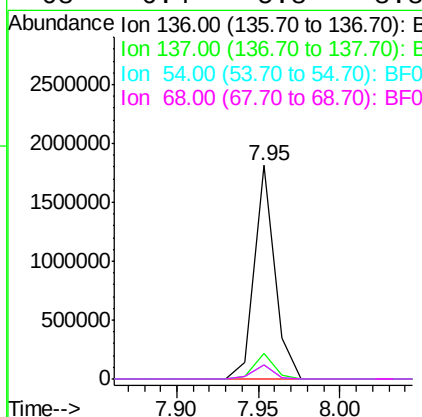
RT: 7.95 min Scan# 557

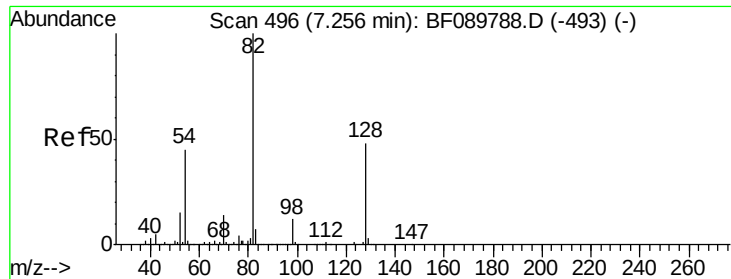
Delta R.T. -0.02 min

Lab File: BF089852.D

Acq: 24 Aug 2016 1:09

Tgt Ion:	136	Resp:	1582144
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.2	13.8
54	6.9	7.2	10.8#
68	6.4	5.8	8.8





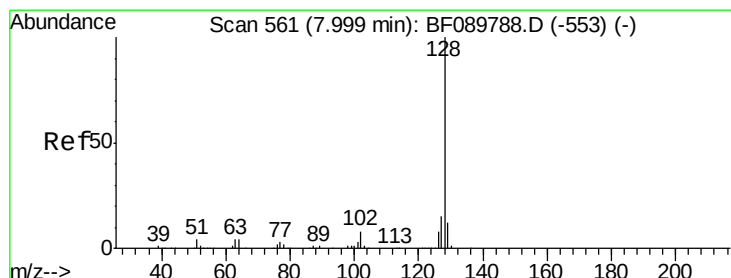
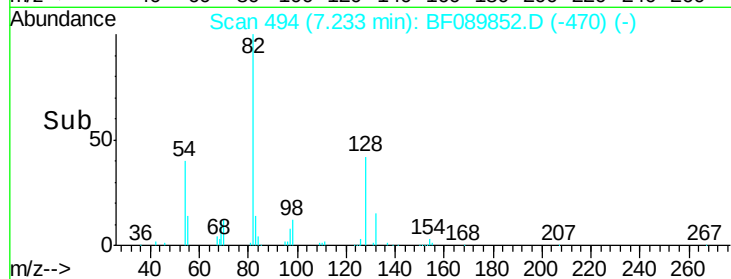
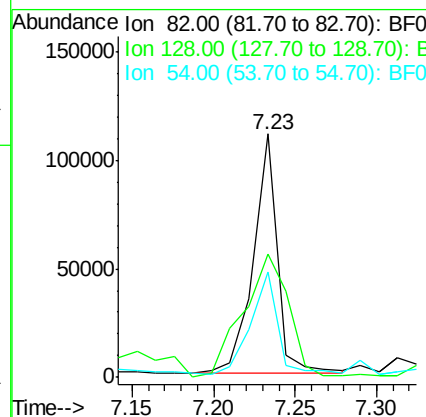
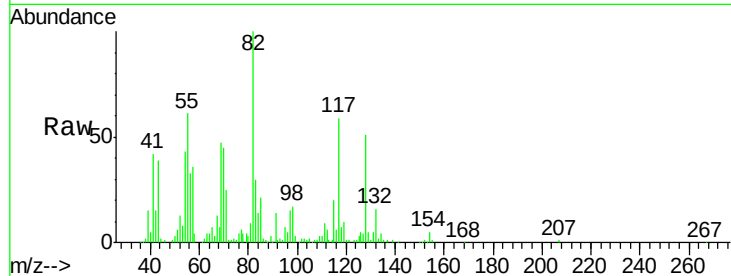
#23
 Nitrobenzene-d5
 Concen: 4.47 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089852.D
 Acq: 24 Aug 2016 1:09

Instrument :
 BNA_F
 ClientSampled :
 D-5(1-1.5)DL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.9	34.4	51.6
54	43.3	40.3	60.5

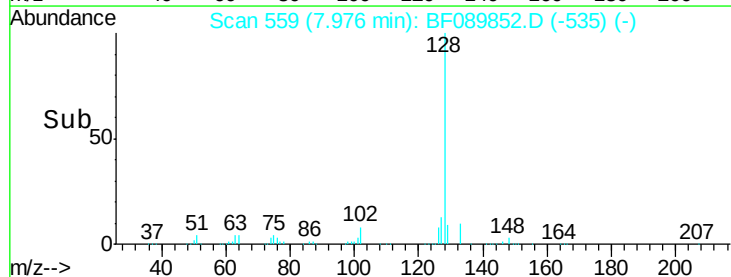
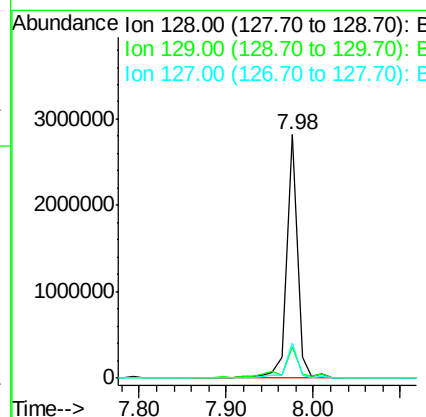
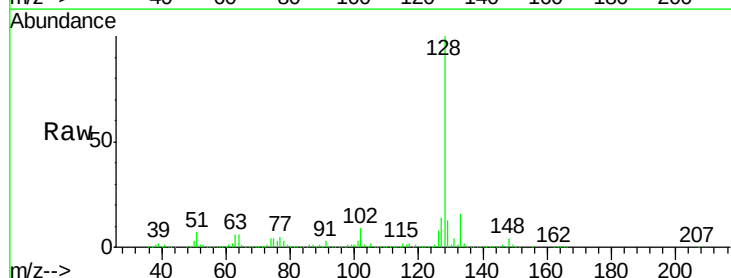
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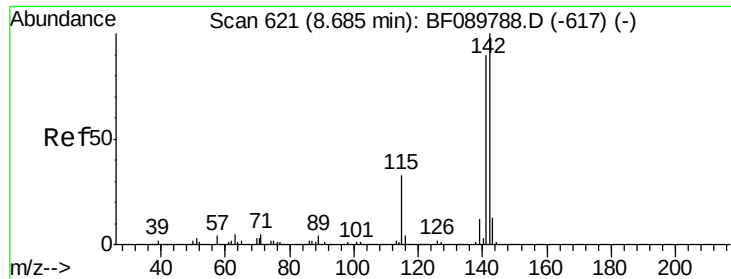
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#31
 Naphthalene
 Concen: 32.81 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF089852.D
 Acq: 24 Aug 2016 1:09

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.5	14.3
127	14.1	11.3	16.9





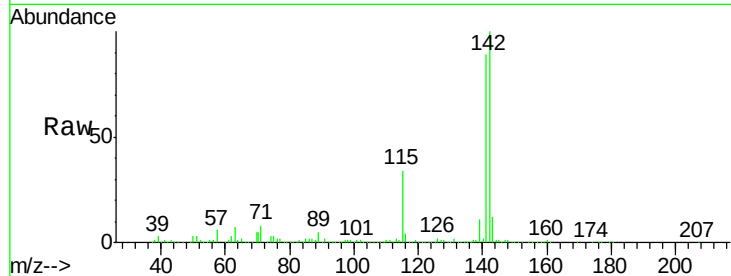
#37
2-Methylnaphthalene
Concen: 30.14 ng m
RT: 8.66 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF089852.D
Acq: 24 Aug 2016 1:09

Instrument :
BNA_F
ClientSampleId :
D-5(1-1.5)DL

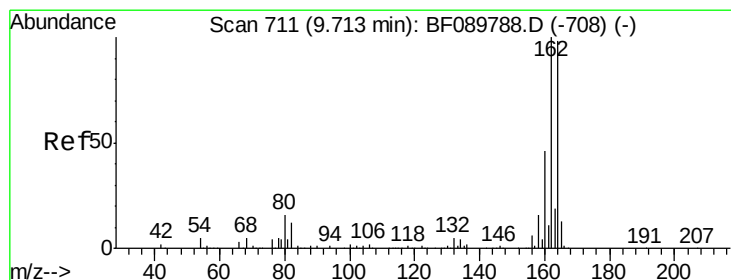
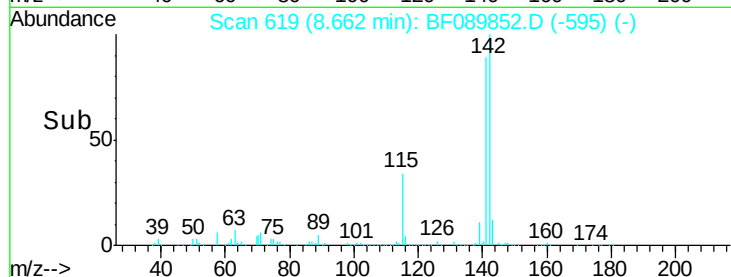
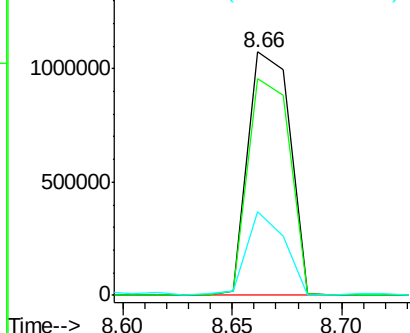
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.2
115	34.2	22.7	34.1#

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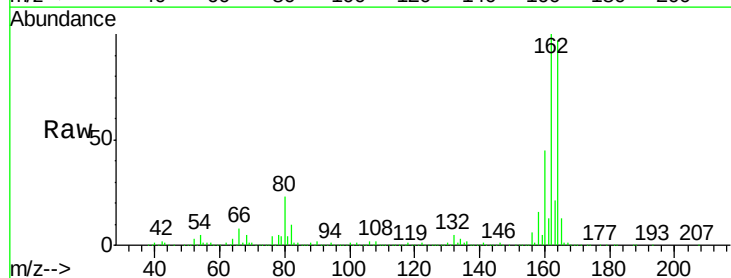


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

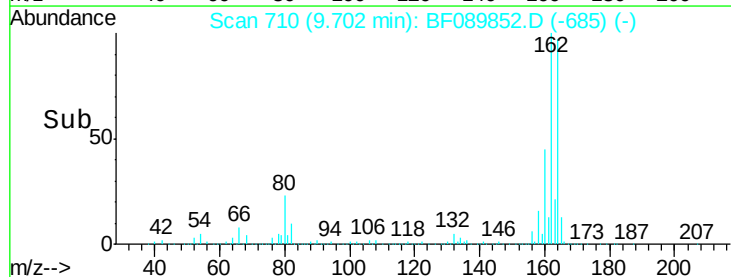
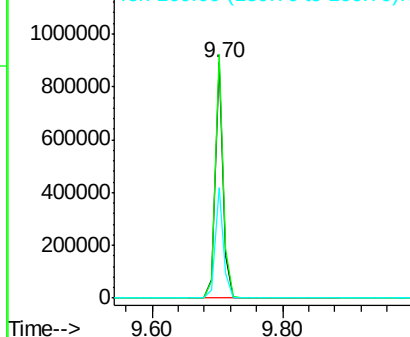


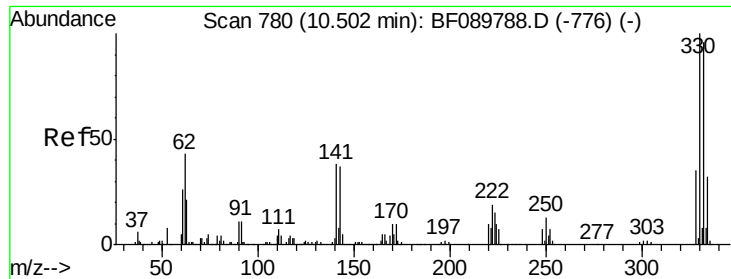
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF089852.D
Acq: 24 Aug 2016 1:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.4	122.2
160	47.1	37.8	56.6



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





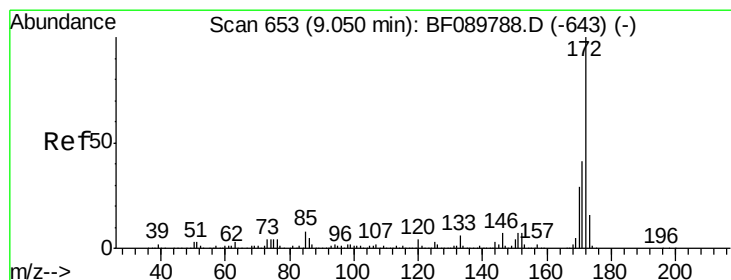
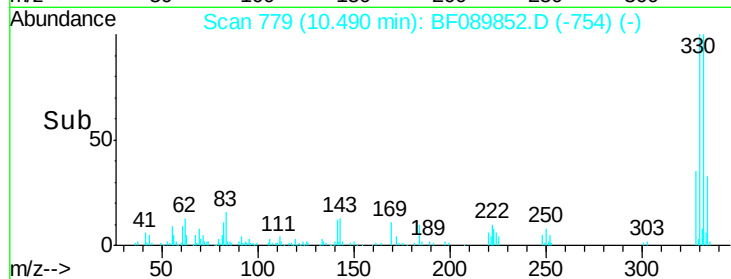
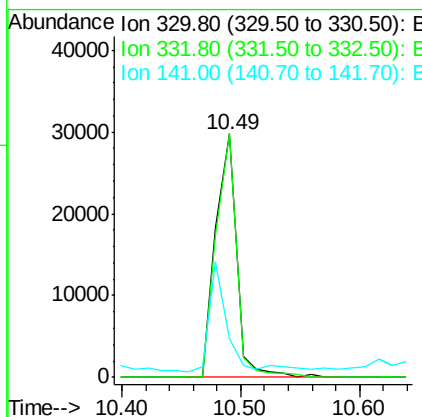
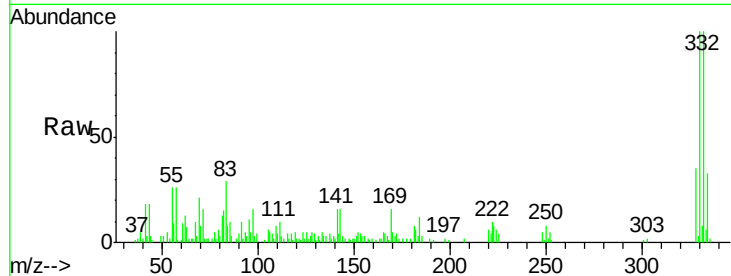
#41
 2,4,6-Tribromophenol
 Concen: 4.91 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089852.D
 Acq: 24 Aug 2016 1:09

Instrument :
 BNA_F
 ClientSampleId :
 D-5(1-1.5)DL

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	36290		
332	97.8	76.7	115.1	
141	36.5	30.2	45.2	

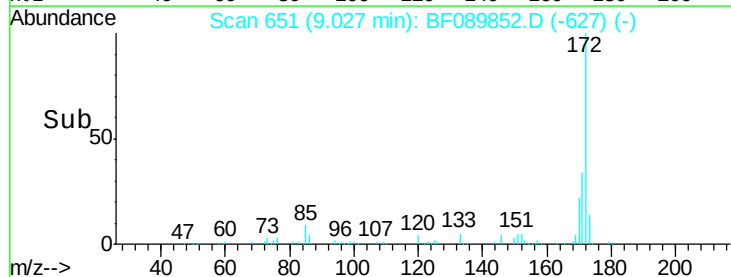
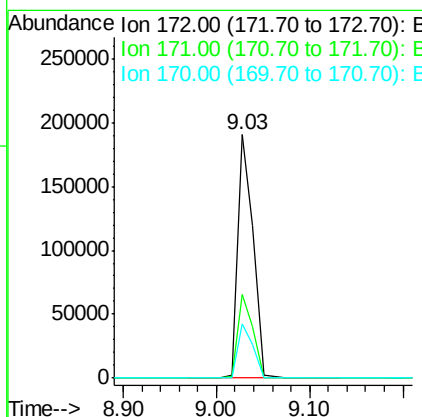
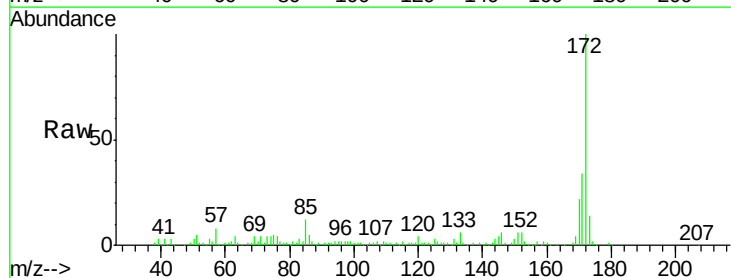
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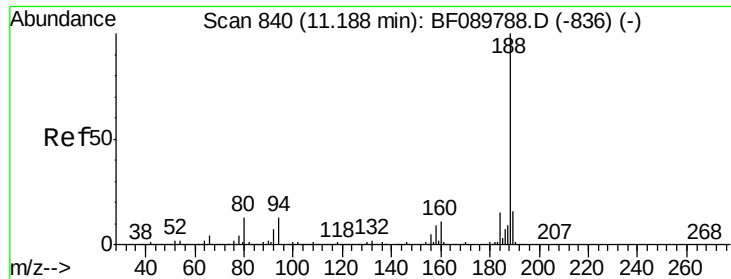
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#44
 2-Fluorobiphenyl
 Concen: 4.95 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF089852.D
 Acq: 24 Aug 2016 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	218853		
171	34.5	30.5	45.7	
170	22.3	20.6	31.0	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF089852.D

Acq: 24 Aug 2016 1:09

Instrument :

BNA_F

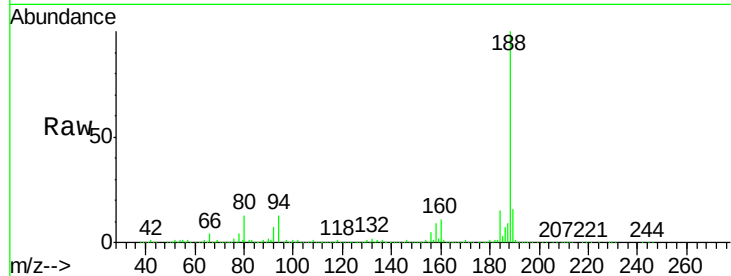
ClientSampleId :

D-5(1-1.5)DL

Tgt Ion:	188	Resp:	1452217
Ion	Ratio	Lower	Upper
188	100		
94	12.9	10.2	15.2
80	13.4	10.9	16.3

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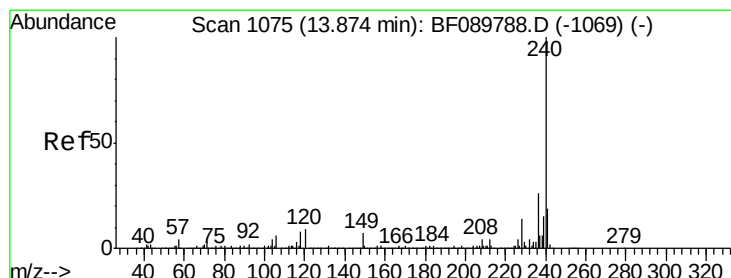
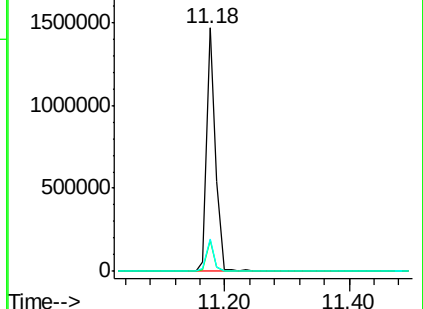
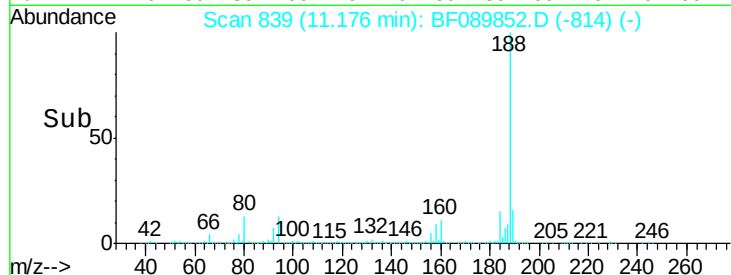
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Abundance Ion 188.00 (187.70 to 188.70): E

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

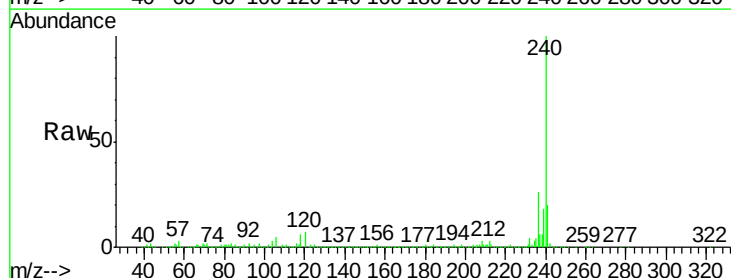
RT: 13.83 min Scan# 1071

Delta R.T. -0.05 min

Lab File: BF089852.D

Acq: 24 Aug 2016 1:09

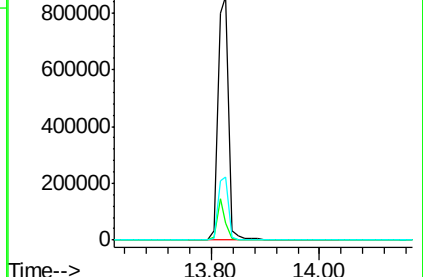
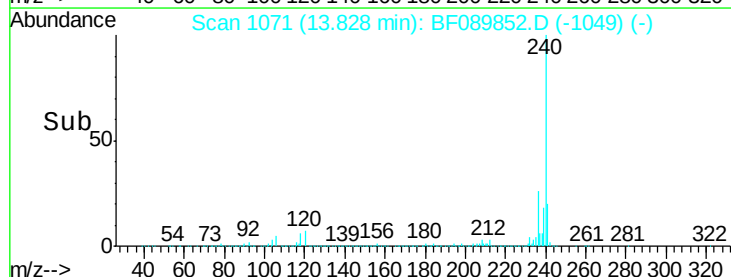
Tgt Ion:	240	Resp:	1214707
Ion	Ratio	Lower	Upper
240	100		
120	7.2	8.3	12.5#
236	25.8	21.3	31.9

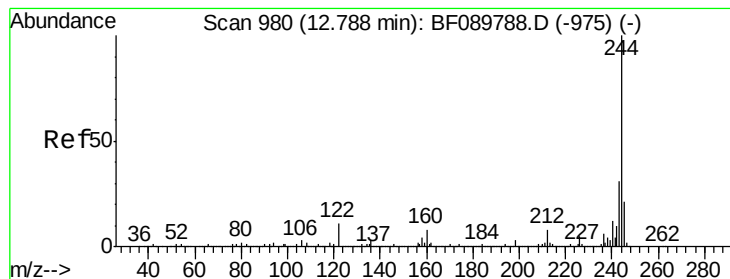


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 4.37 ng

RT: 12.76 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF089852.D

Acq: 24 Aug 2016 1:09

Instrument :

BNA_F

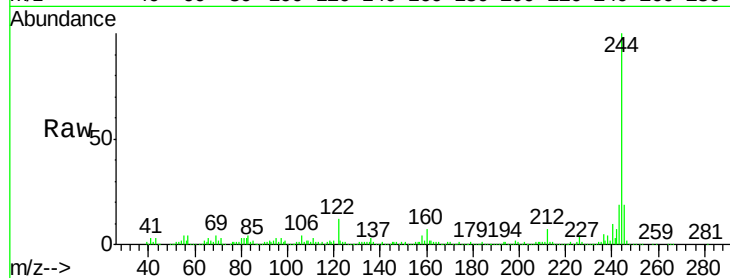
ClientSampleId :

D-5(1-1.5)DL

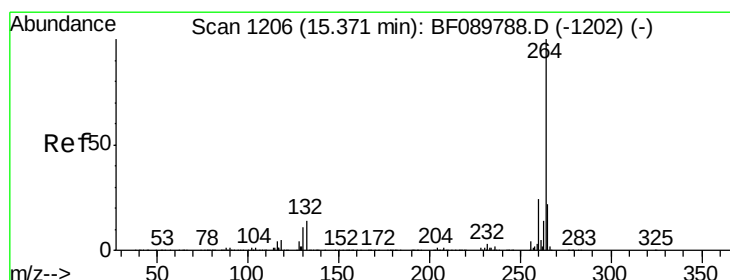
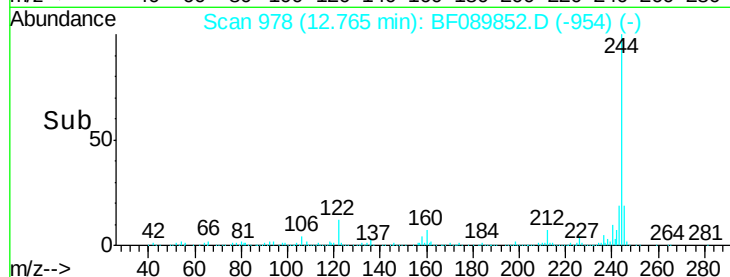
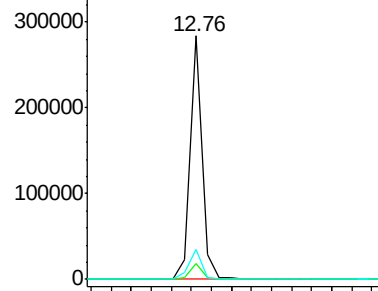
Tgt Ion:	244	Resp:	234636
Ion Ratio	Lower	Upper	
244	100		
212	6.7	6.3	9.5
122	12.1	12.0	18.0

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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

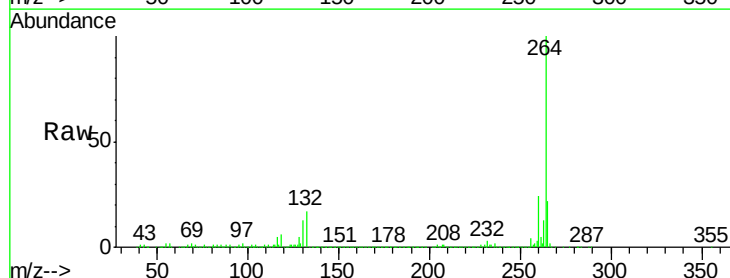
RT: 15.27 min Scan# 1197

Delta R.T. -0.10 min

Lab File: BF089852.D

Acq: 24 Aug 2016 1:09

Tgt Ion:	264	Resp:	967736
Ion Ratio	Lower	Upper	
264	100		
260	23.9	20.2	30.2
265	21.6	17.4	26.2



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

