

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089856.D
 Acq On : 24 Aug 2016 2:56
 Operator : UM/SJ
 Sample : H4555-01DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-081916DL

Manual Integrations
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Quant Time: Aug 25 14:21:36 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	6.66	152	436861	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1799951	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	837883	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1545807	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	1329169	20.00	ng	-0.05
86) Perylene-d12	15.27	264	1035258	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	203329	7.98	ng	-0.02
7) Phenol-d6	6.30	99	150652	4.82	ng	-0.02
23) Nitrobenzene-d5	7.22	82	420326	14.51	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	130378	16.37	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	926082	19.43	ng	-0.02
78) Terphenyl-d14	12.76	244	799715	13.61	ng	-0.02
Target Compounds						
6) Aniline	6.33	93	2901169	69.16	ng	95
8) 2-Chlorophenol	6.44	128	102469	3.36	ng	84
12) 1,3-Dichlorobenzene	6.60	146	78199	2.46	ng	96
13) 1,4-Dichlorobenzene	6.68	146	1029239	31.44	ng	98
14) 1,2-Dichlorobenzene	6.83	146	1454633m	47.60	ng	

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

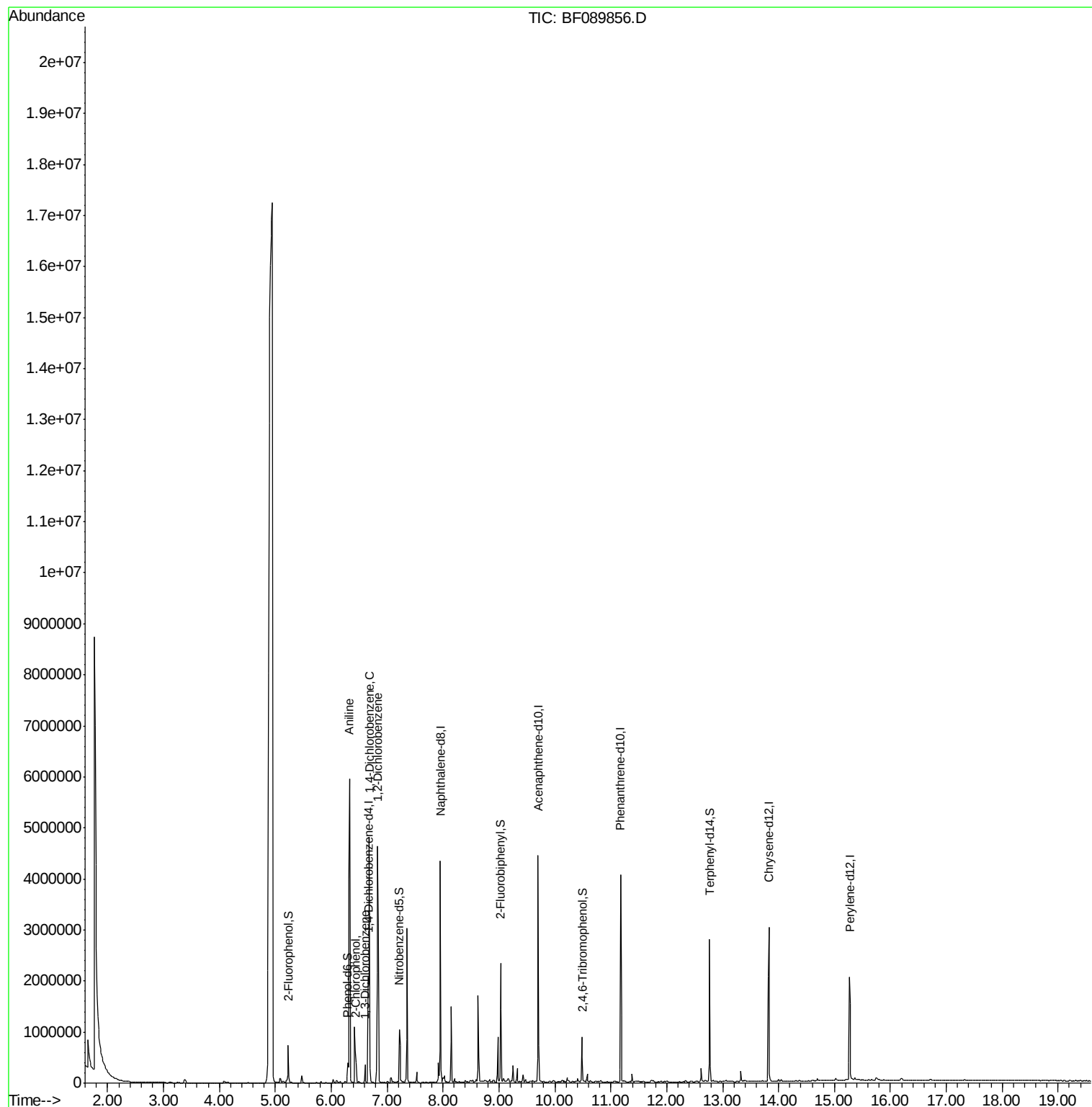
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
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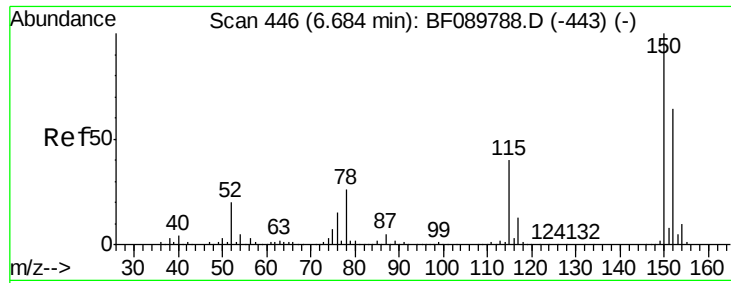
Instrument :
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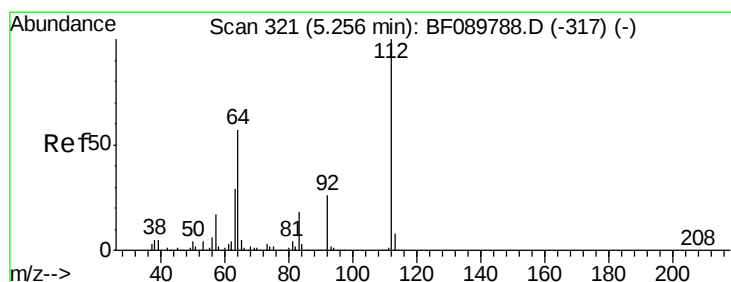
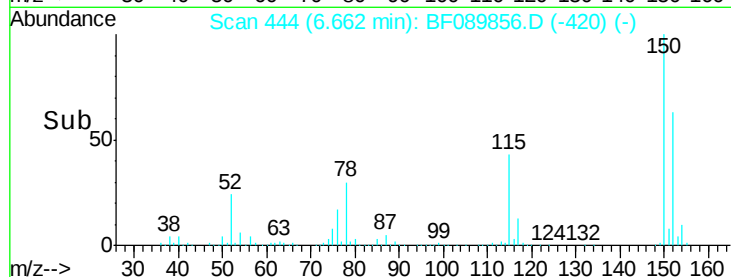
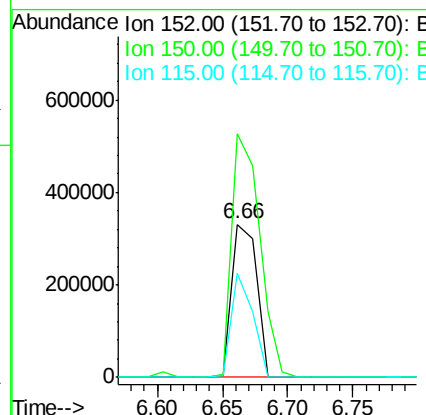
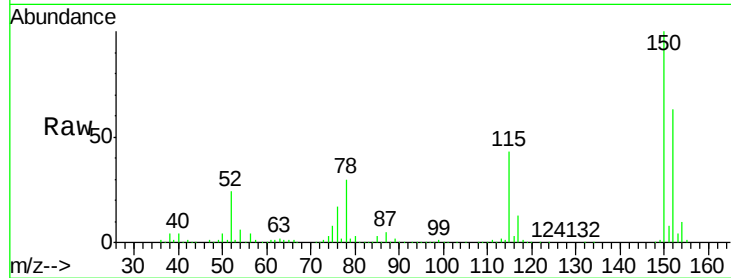
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.02 min
 Lab File: BF089856.D
 Acq: 24 Aug 2016 2:56

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-081916DL

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	436861		
150	159.4	125.3	187.9	
115	68.3	40.9	61.3	

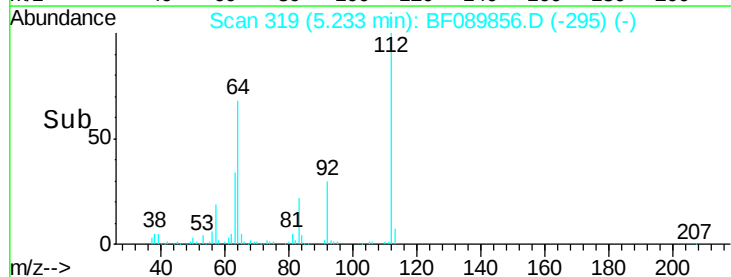
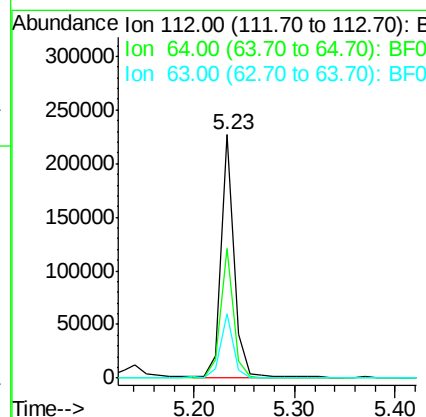
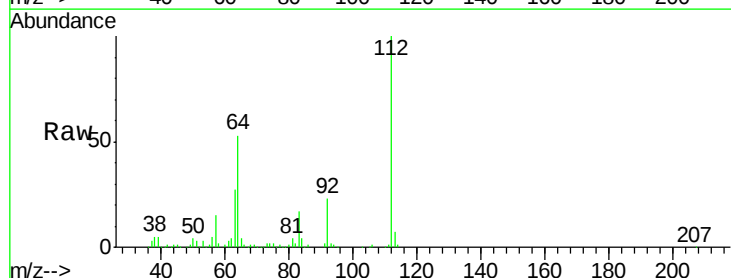
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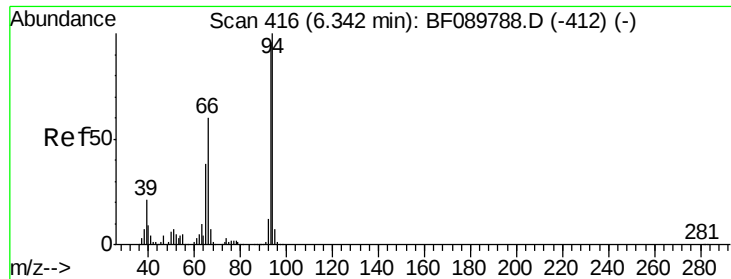
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#5
 2-Fluorophenol
 Concen: 7.98 ng
 RT: 5.23 min Scan# 319
 Delta R.T. -0.02 min
 Lab File: BF089856.D
 Acq: 24 Aug 2016 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	203329		
64	53.2	45.0	67.4	
63	26.7	23.1	34.7	





#6

Aniline

Concen: 69.16 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF089856.D

Acq: 24 Aug 2016 2:56

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916DL

Tgt Ion: 93 Resp: 2901169

Ion Ratio Lower Upper

93 100

66 34.8 30.6 46.0

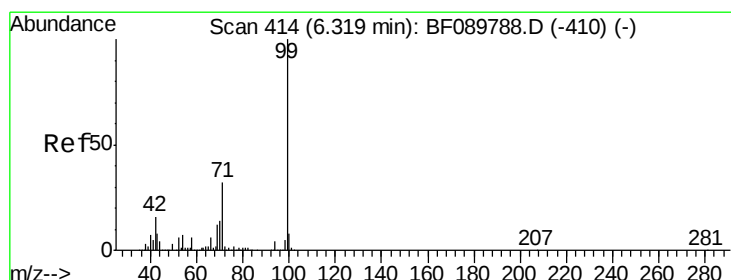
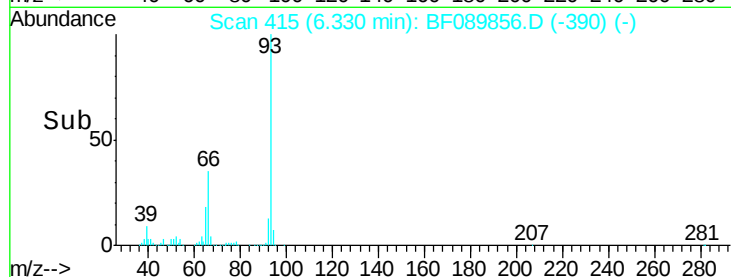
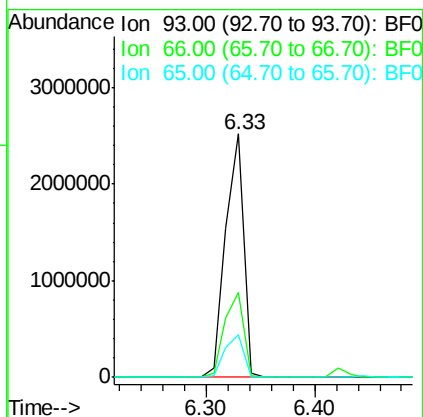
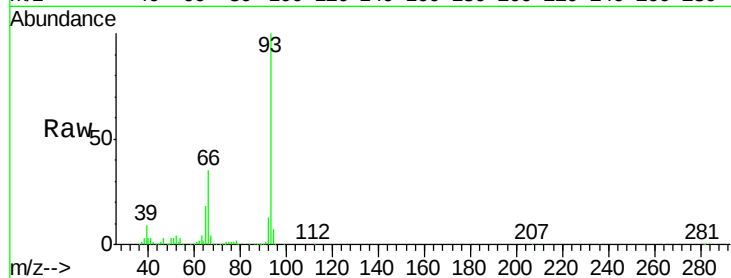
65 17.7 15.4 23.2

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#7

Phenol-d6

Concen: 4.82 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF089856.D

Acq: 24 Aug 2016 2:56

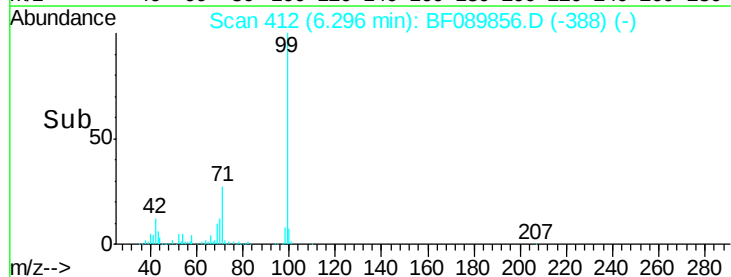
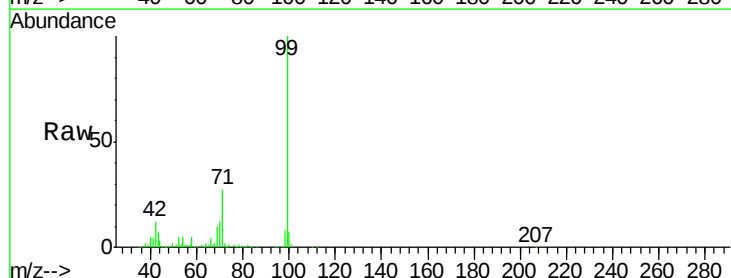
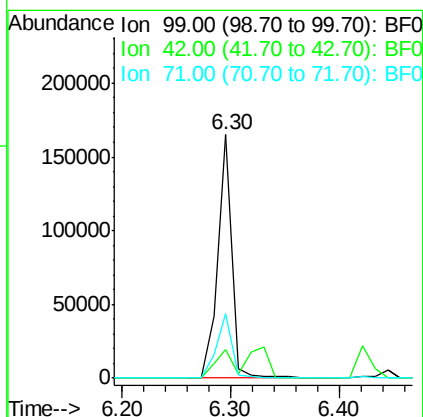
Tgt Ion: 99 Resp: 150652

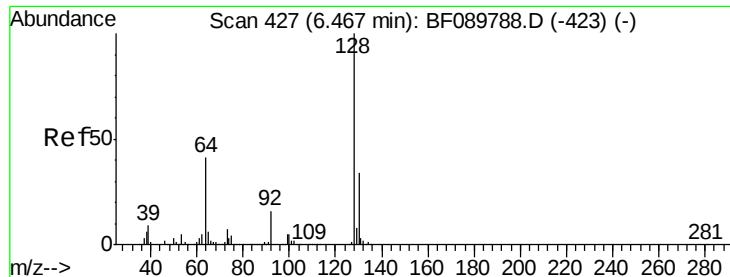
Ion Ratio Lower Upper

99 100

42 11.8 12.2 18.4#

71 26.7 23.8 35.8





#8

2-Chlorophenol

Concen: 3.36 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF089856.D

Acq: 24 Aug 2016 2:56

Instrument :

BNA_F

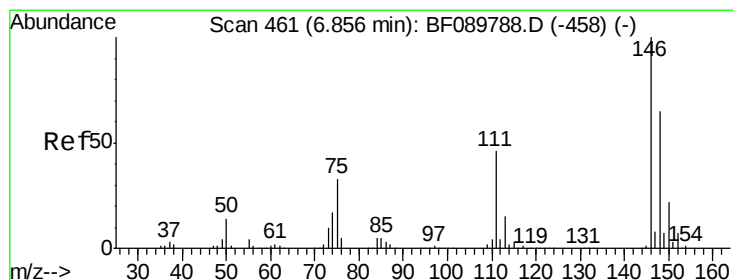
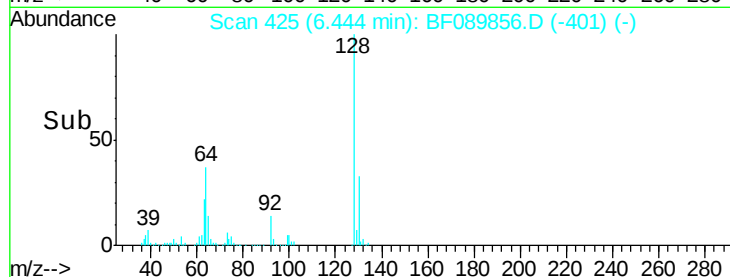
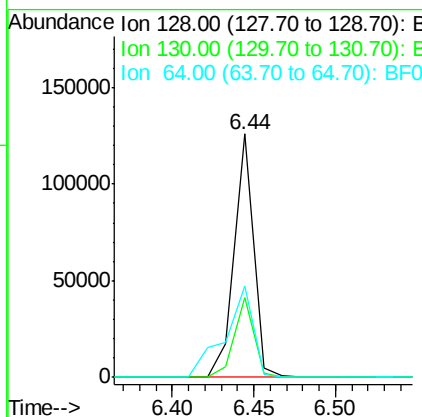
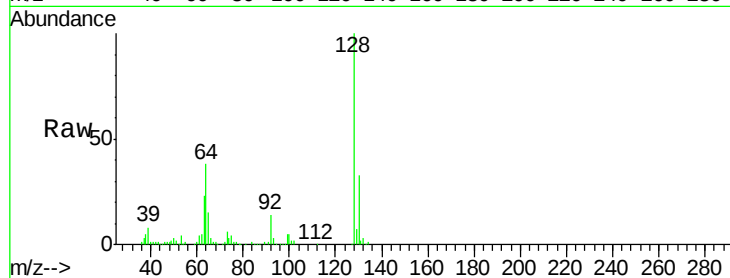
ClientSampleId :

SYSDIS-081916DL

Tgt Ion:	128	Resp:	102469
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.0	52.0
64	37.5	35.1	75.1

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#12

1,3-Dichlorobenzene

Concen: 2.46 ng

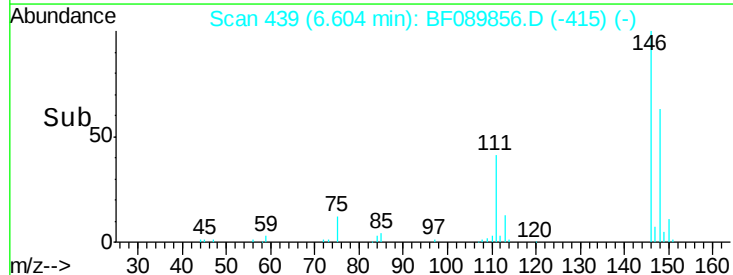
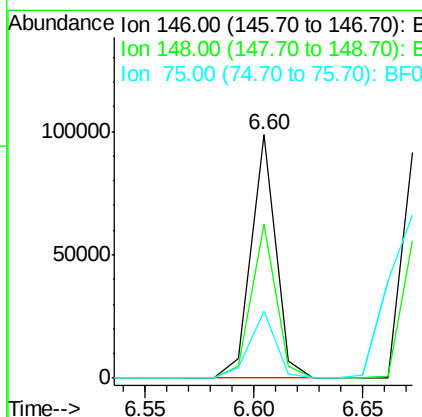
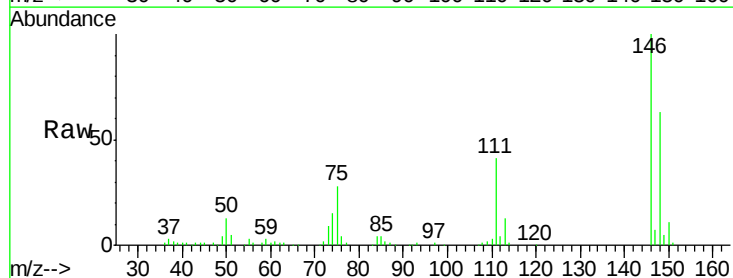
RT: 6.60 min Scan# 439

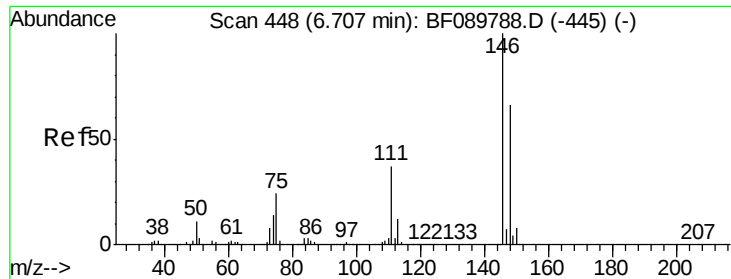
Delta R.T. -0.02 min

Lab File: BF089856.D

Acq: 24 Aug 2016 2:56

Tgt Ion:	146	Resp:	78199
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.0	76.4
75	27.6	27.0	40.6





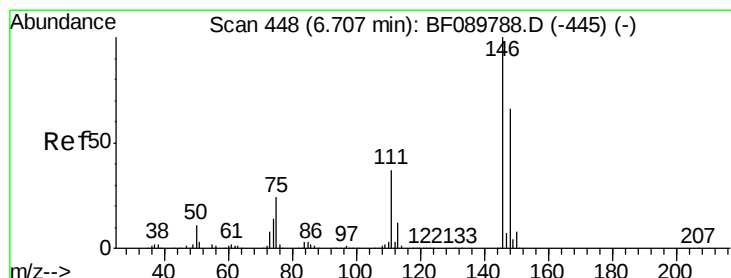
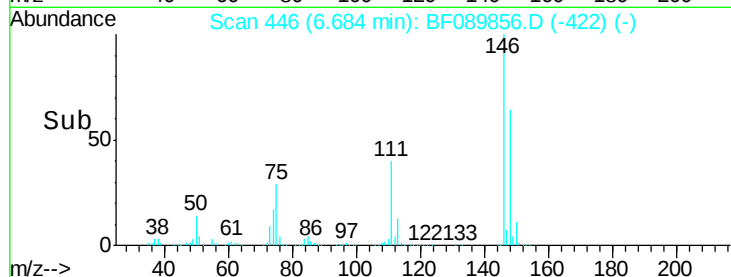
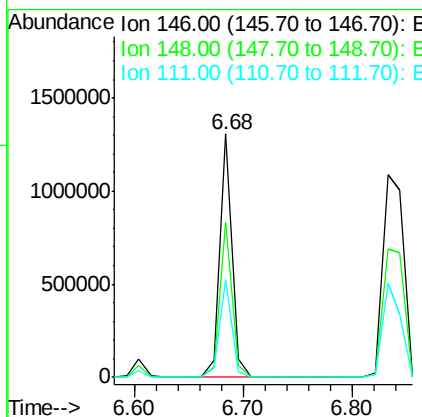
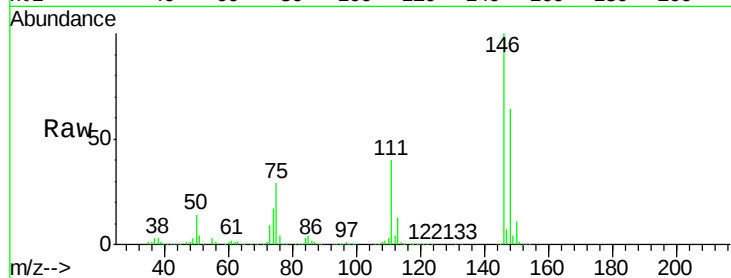
#13
 1,4-Dichlorobenzene
 Concen: 31.44 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.02 min
 Lab File: BF089856.D
 Acq: 24 Aug 2016 2:56

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:146 Resp: 1029239
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.0 76.6
 111 40.3 34.6 52.0

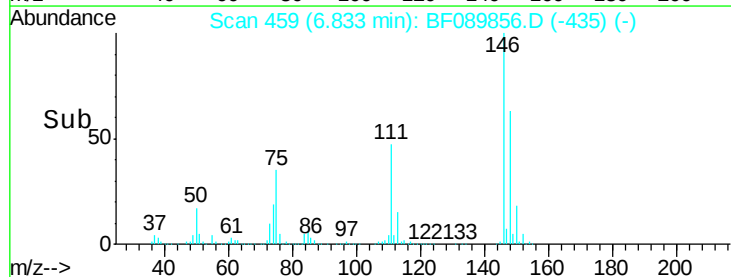
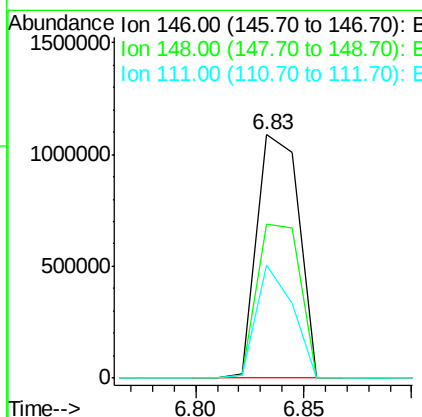
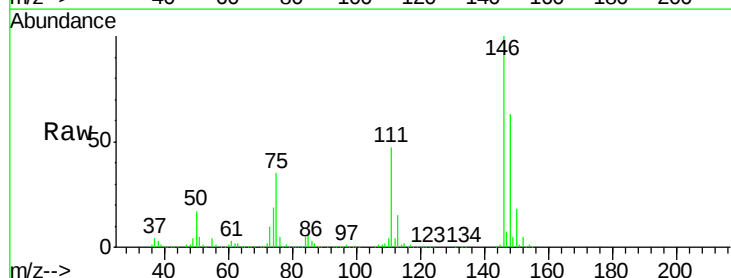
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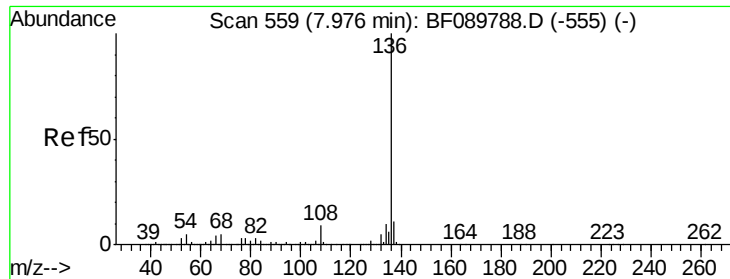
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#14
 1,2-Dichlorobenzene
 Concen: 47.60 ng m
 RT: 6.83 min Scan# 459
 Delta R.T. -0.02 min
 Lab File: BF089856.D
 Acq: 24 Aug 2016 2:56

Tgt Ion:146 Resp: 1454633
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.2 78.2
 111 46.6 29.8 44.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF089856.D

Acq: 24 Aug 2016 2:56

Instrument :

BNA_F

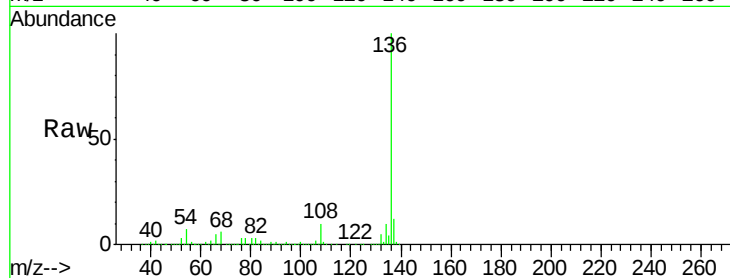
ClientSampleId :

SYSDIS-081916DL

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	6.6	7.2	10.8
68	6.2	5.8	8.8

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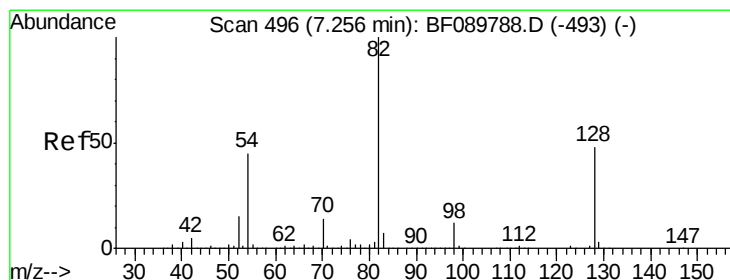
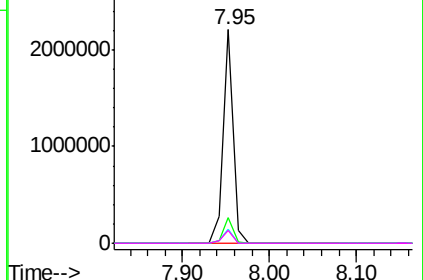
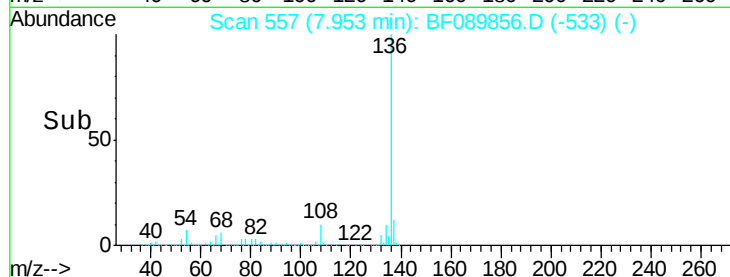


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 14.51 ng

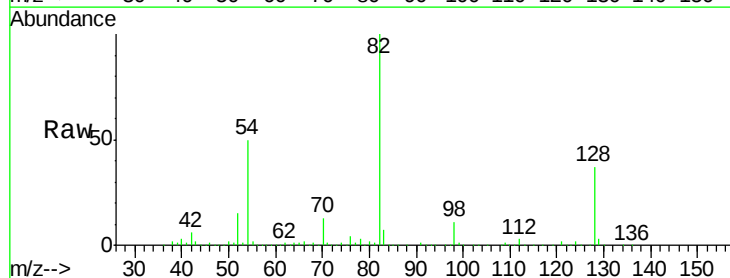
RT: 7.22 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF089856.D

Acq: 24 Aug 2016 2:56

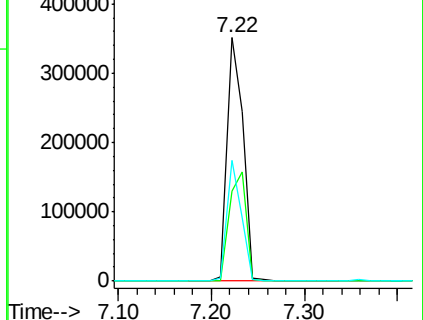
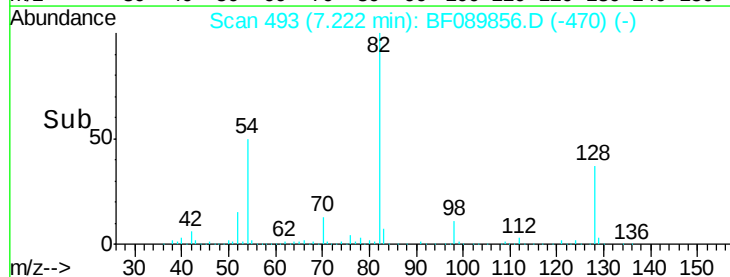
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.2	34.4	51.6
54	49.7	40.3	60.5

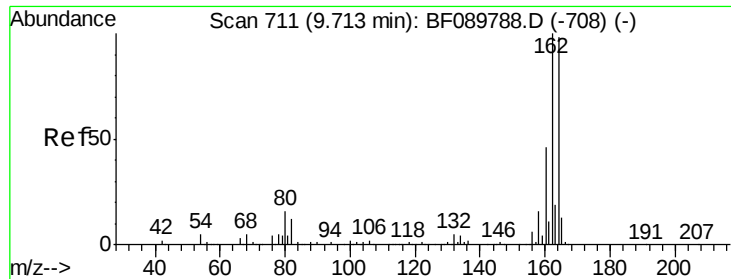


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





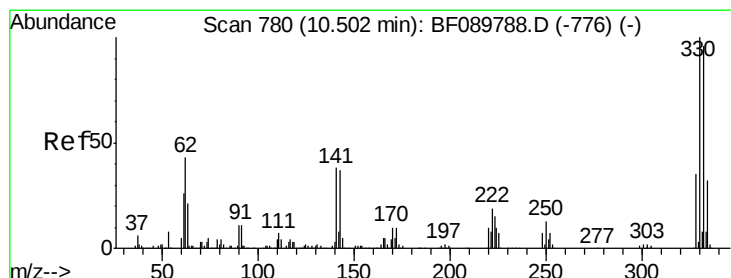
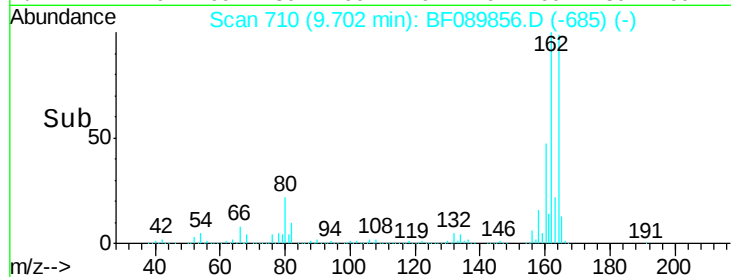
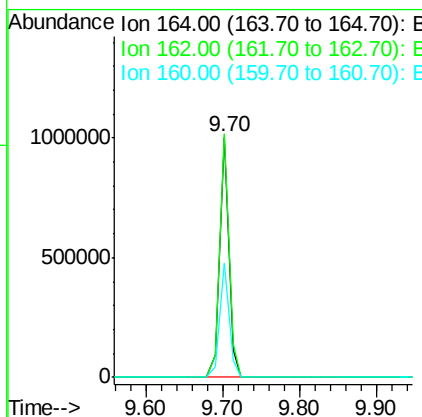
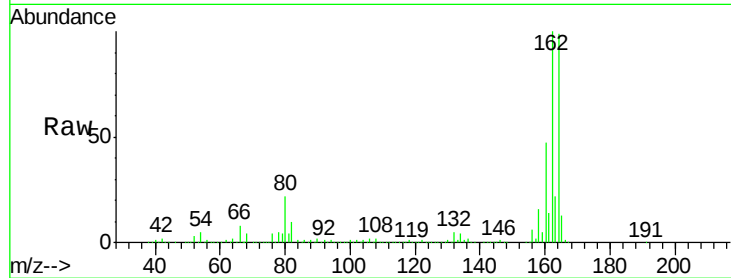
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF089856.D
Acq: 24 Aug 2016 2:56

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Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.5	837883	81.4	122.2
160	47.5		37.8	56.6

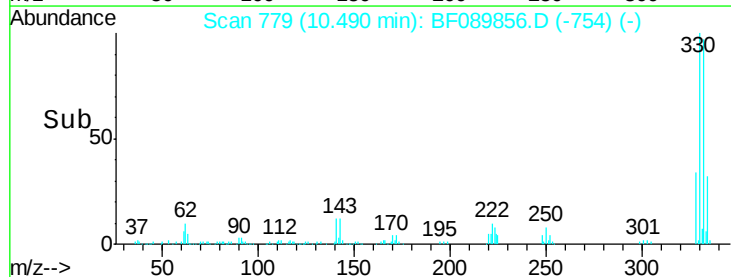
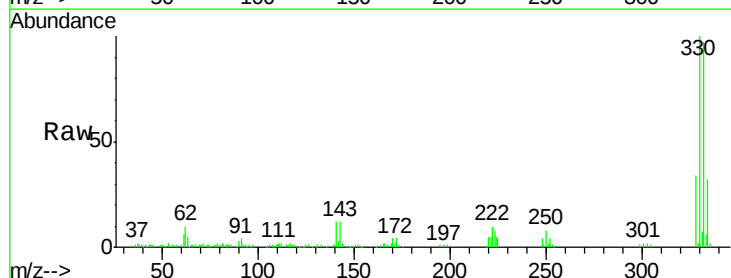
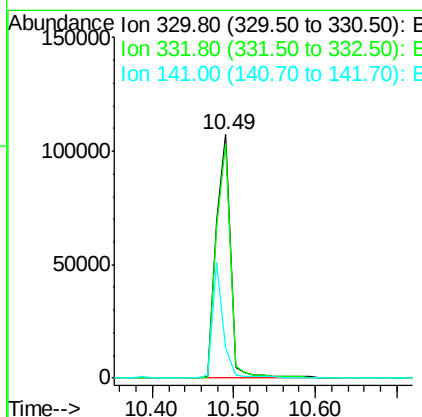
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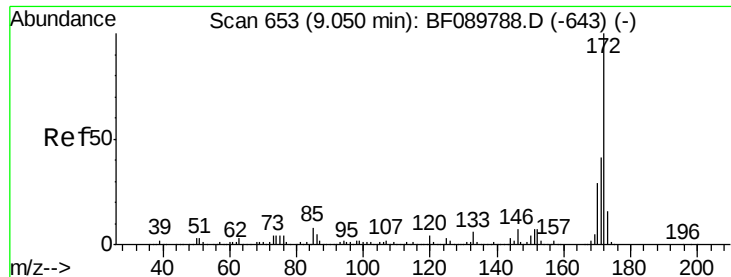
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#41
2,4,6-Tribromophenol
Concen: 16.37 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF089856.D
Acq: 24 Aug 2016 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	130378		
332	97.0		76.7	115.1
141	37.0		30.2	45.2





#44

2-Fluorobiphenyl

Concen: 19.43 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF089856.D

Acq: 24 Aug 2016 2:56

Instrument :

BNA_F

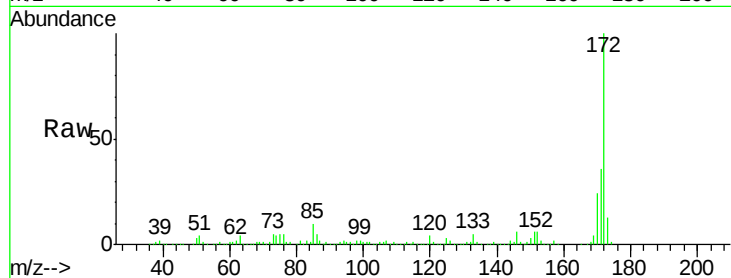
ClientSampleId :

SYSDIS-081916DL

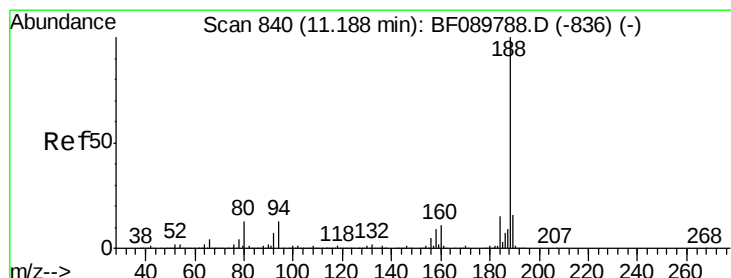
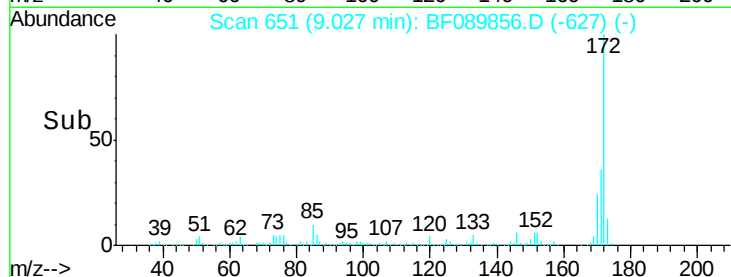
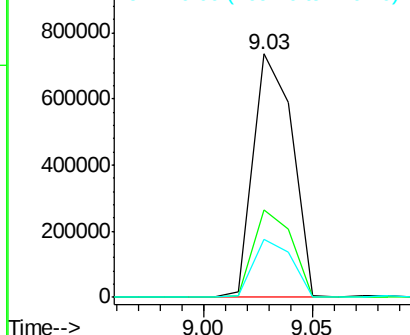
Tgt Ion:	172	Resp:	926082
Ion Ratio	Lower	Upper	
172	100		
171	35.7	30.5	45.7
170	24.0	20.6	31.0

Manual Integrations
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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

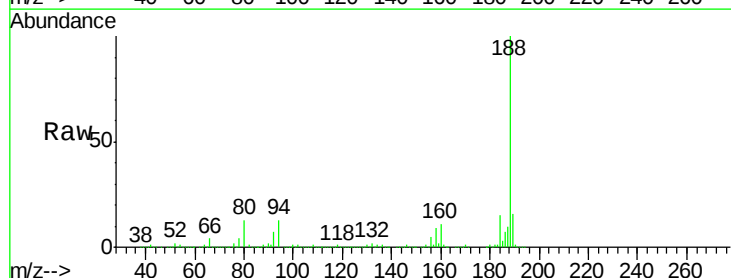
RT: 11.18 min Scan# 839

Delta R.T. -0.01 min

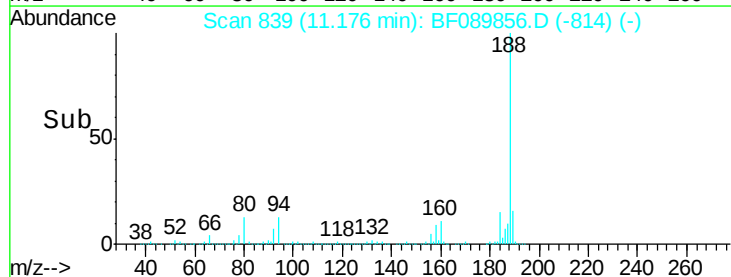
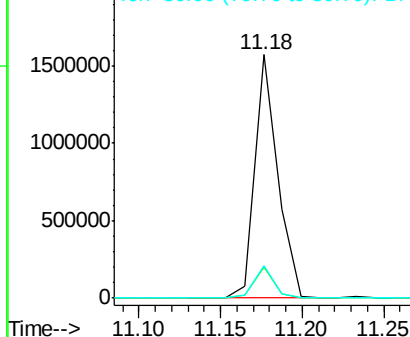
Lab File: BF089856.D

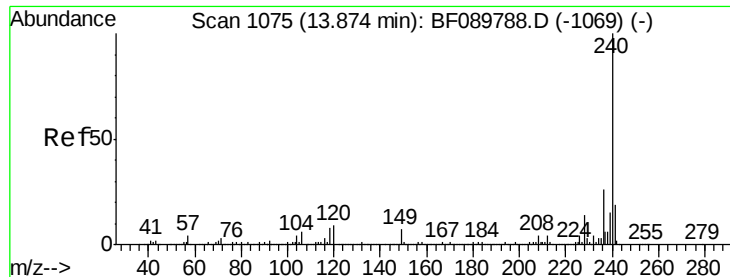
Acq: 24 Aug 2016 2:56

Tgt Ion:	188	Resp:	1545807
Ion Ratio	Lower	Upper	
188	100		
94	12.6	10.2	15.2
80	13.1	10.9	16.3



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: BF089856.D

Acq: 24 Aug 2016 2:56

Instrument :

BNA_F

ClientSampleId :

SYSDIS-081916DL

Tgt Ion:240 Resp: 1329169

Ion Ratio Lower Upper

240 100

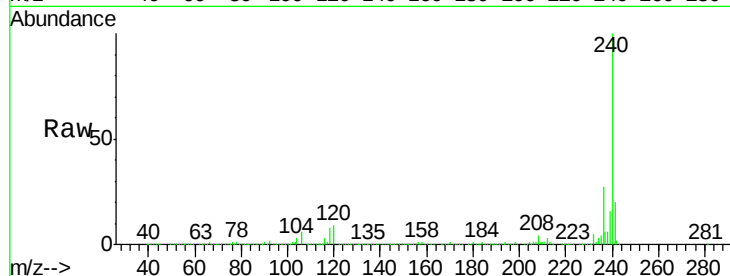
120 8.9 8.3 12.5

236 26.6 21.3 31.9

Manual Integrations
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UMANGI

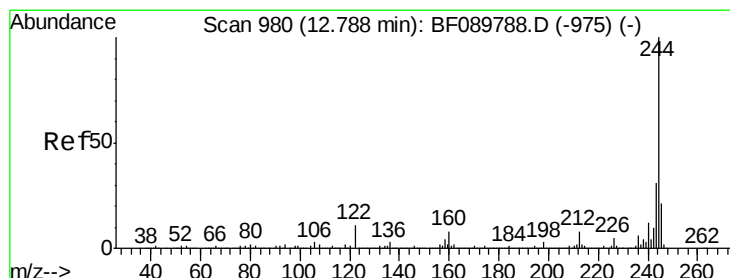
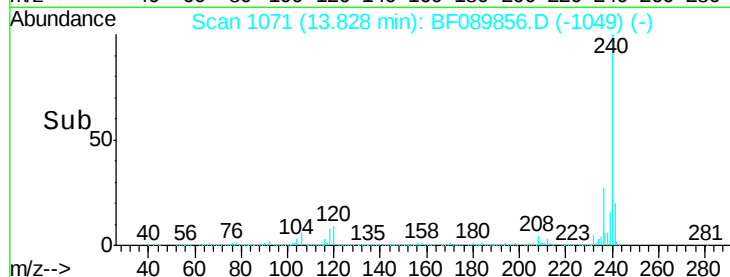
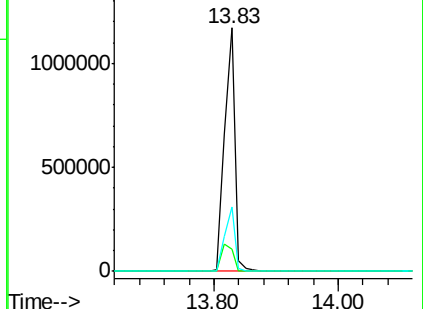
8/25/2016 5:23:35 PM



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: 13.61 ng

RT: 12.76 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF089856.D

Acq: 24 Aug 2016 2:56

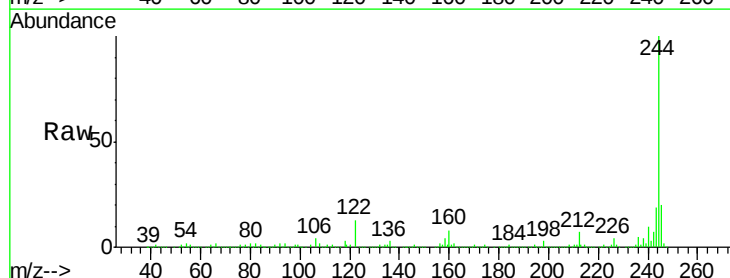
Tgt Ion:244 Resp: 799715

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

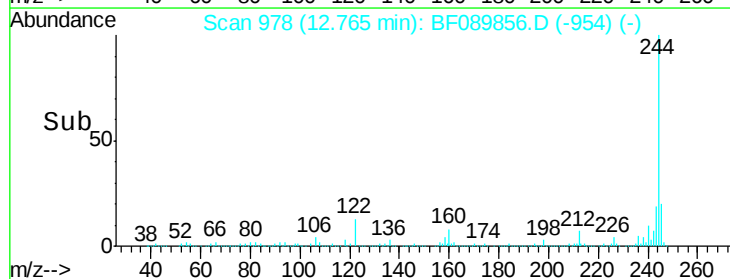
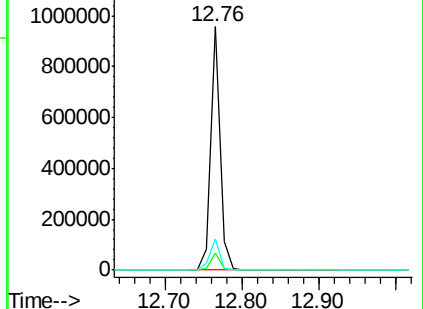
122 12.9 12.0 18.0

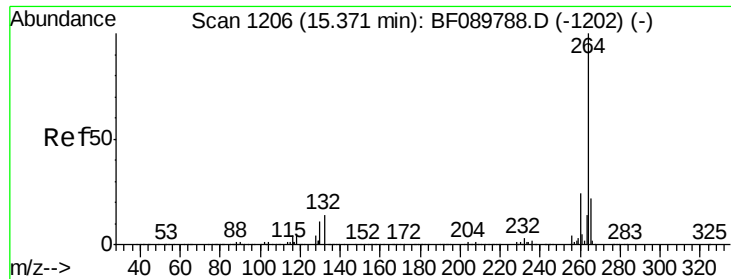


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.10 min
Lab File: BF089856.D
Acq: 24 Aug 2016 2:56

Instrument :
BNA_F
ClientSampleId :
SYSDIS-081916DL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.2	30.2
265	21.9	17.4	26.2

Manual Integrations
APPROVED

UMANGI
8/25/2016 5:23:35 PM

