

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
 Data File : BF088935.D
 Acq On : 12 Jul 2016 22:57
 Operator : UM/SJ
 Sample : H3934-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C3-09

Manual Integrations

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Quant Time: Jul 13 11:48:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	62392	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	227904	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	91199	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	133465	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	125964	20.00	ng	-0.01
86) Perylene-d12	15.22	264	111379	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	406536	97.65	ng	0.01
7) Phenol-d6	6.35	99	433772	80.64	ng	0.00
23) Nitrobenzene-d5	7.27	82	271303	62.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	77090	91.03	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	494646	85.67	ng	0.00
78) Terphenyl-d14	12.80	244	280585	49.61	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	63570	9.78	ng	99
82) Chrysene	13.86	228	18419m	2.30	ng	
91) Benzo(q,h,i)perylene	16.89	276	16595	3.25	ng	95

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

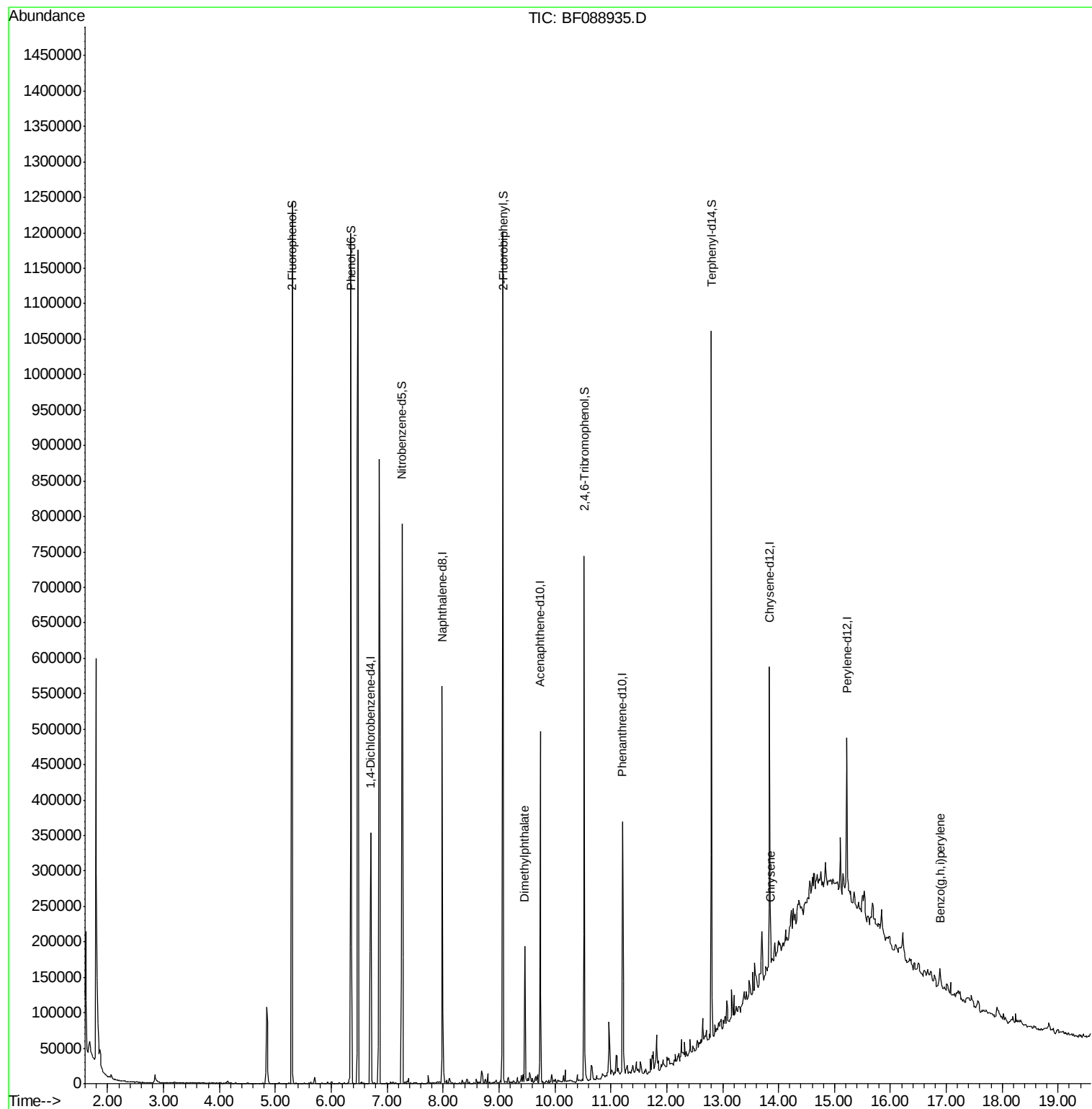
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
Data File : BF088935.D
Acq On : 12 Jul 2016 22:57
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#1

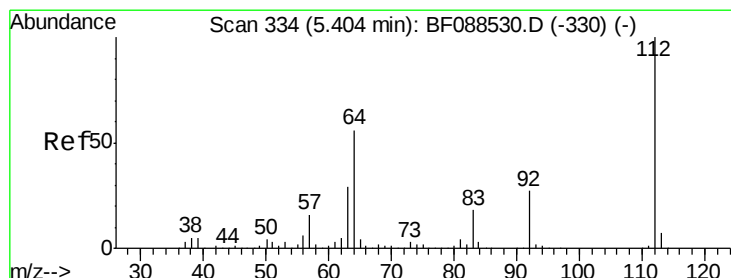
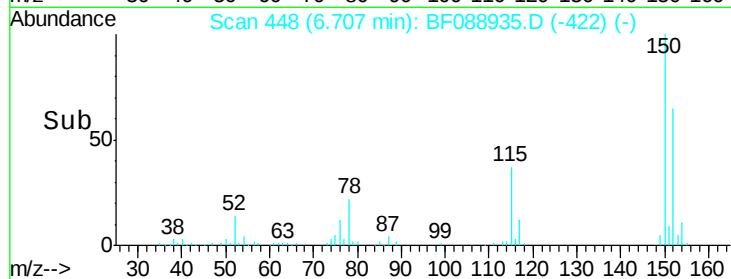
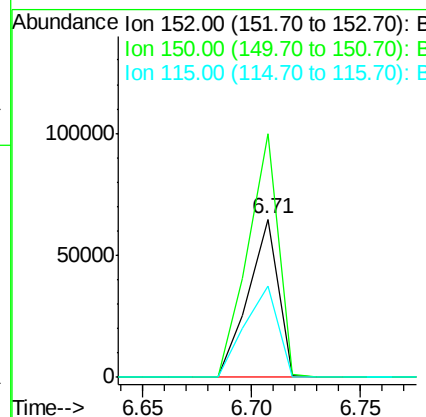
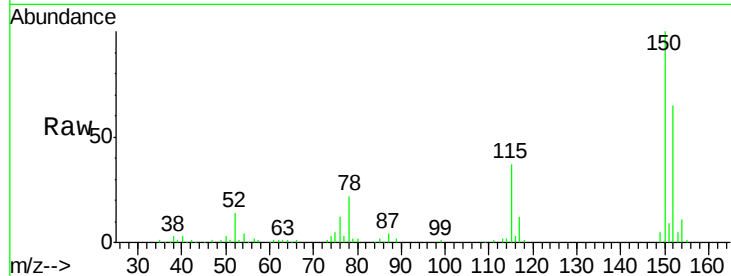
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF088935.D
Acq: 12 Jul 2016 22:57

Instrument :
BNA_F
ClientSampled :
C3-09

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.8	185.6
115	57.6	39.6	59.4

Manual Integrations

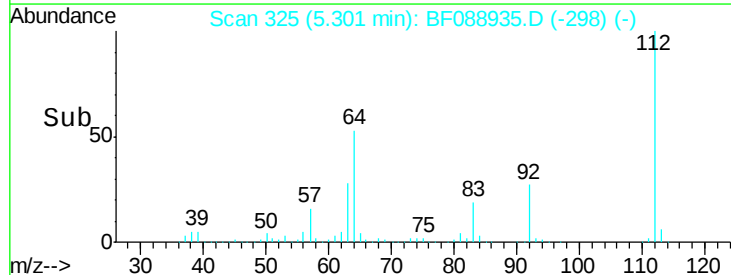
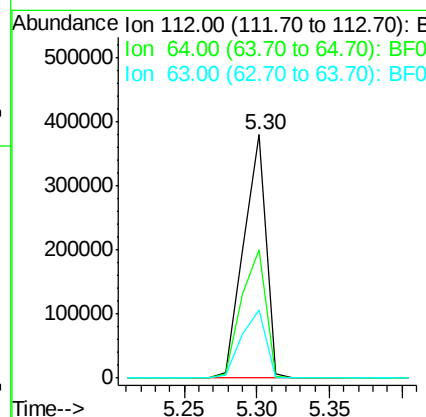
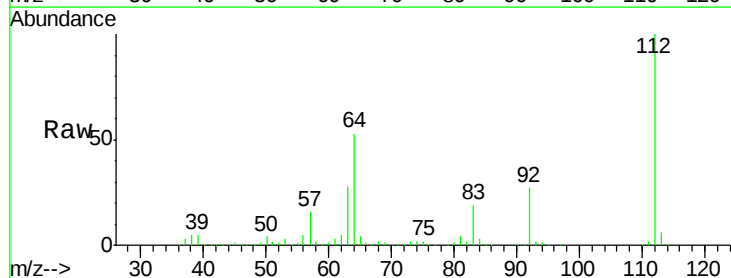
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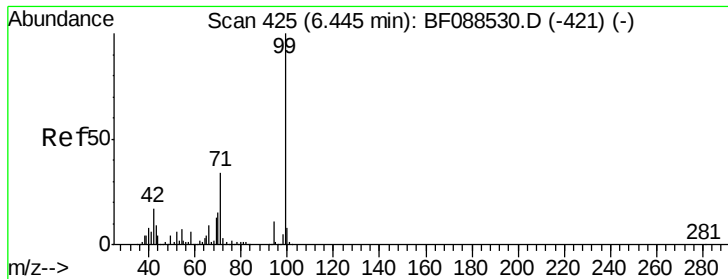


#5

2-Fluorophenol
Concen: 97.65 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.01 min
Lab File: BF088935.D
Acq: 12 Jul 2016 22:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	42.2	63.2
63	28.1	21.8	32.8





#7

Phenol-d6

Concen: 80.64 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088935.D

Acq: 12 Jul 2016 22:57

Instrument :

BNA_F

ClientSampled :

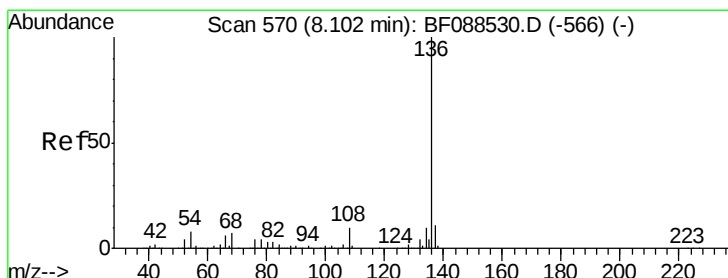
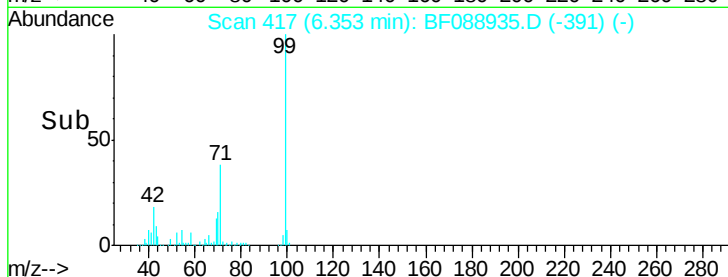
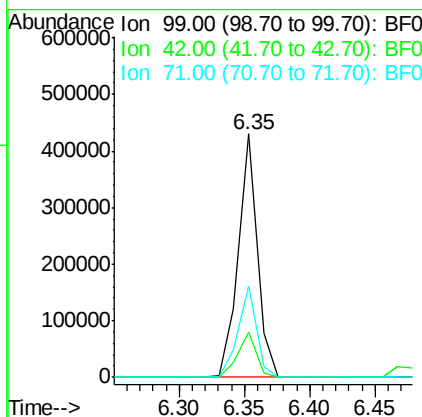
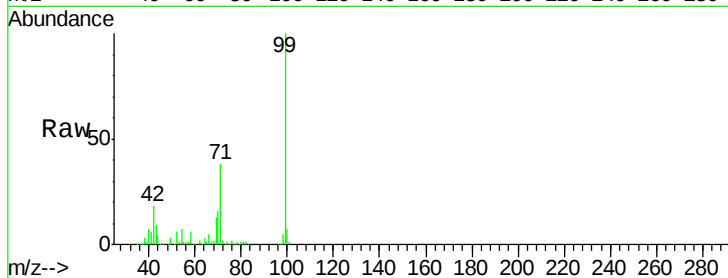
C3-09

Tot Ion:	99	Resp:	433772
Ion	Ratio	Lower	Upper
99	100		
42	18.3	12.2	18.2#
71	37.6	23.4	35.0#

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#21

Naphthalene-d8

Concen: 20.00 ng

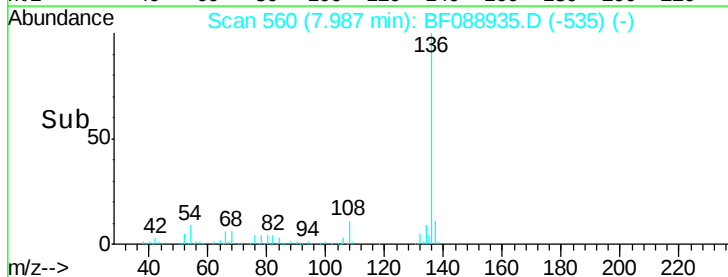
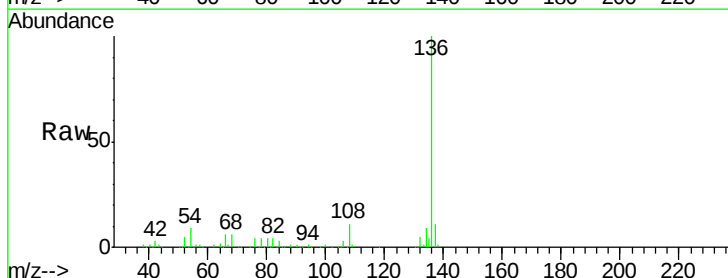
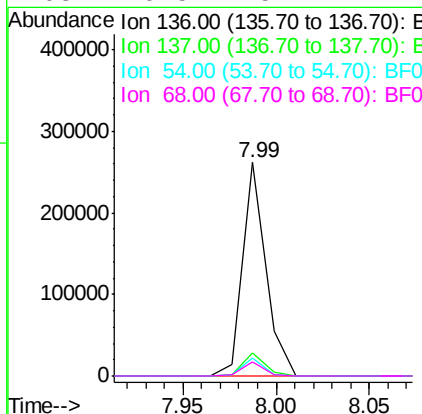
RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088935.D

Acq: 12 Jul 2016 22:57

Tgt Ion:	136	Resp:	227904
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.5	6.6	10.0
68	6.5	5.1	7.7





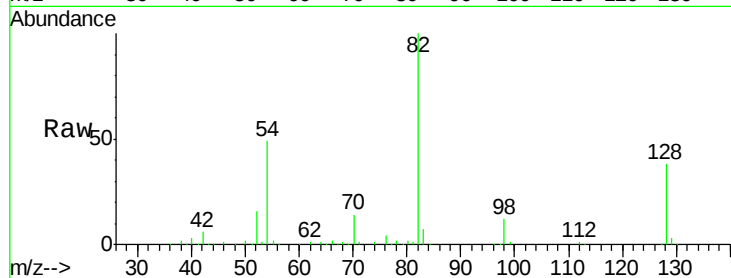
#23
Nitrobenzene-d5
Concen: 62.38 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088935.D
Acq: 12 Jul 2016 22:57

Instrument :
BNA_F
ClientSampled :
C3-09

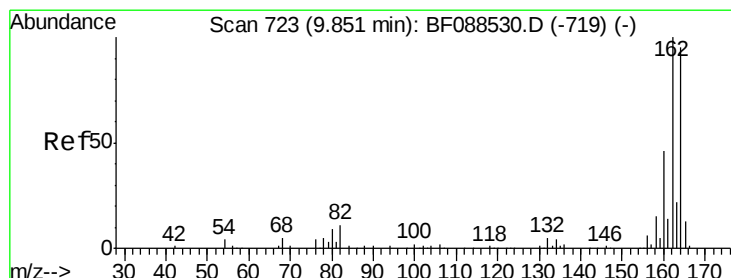
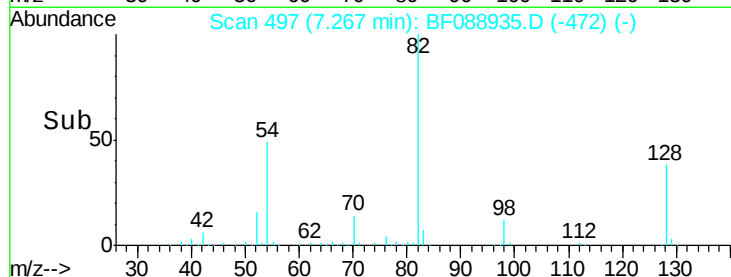
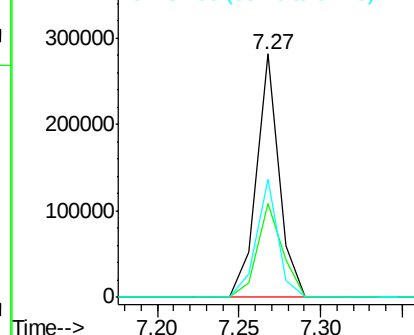
Tot Ion	82	Resp	271303
Ion Ratio	100	Lower	Upper
82	100		
128	38.4	35.9	53.9
54	48.7	40.9	61.3

Manual Integrations

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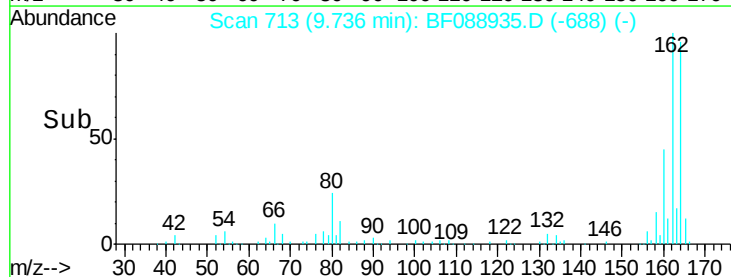
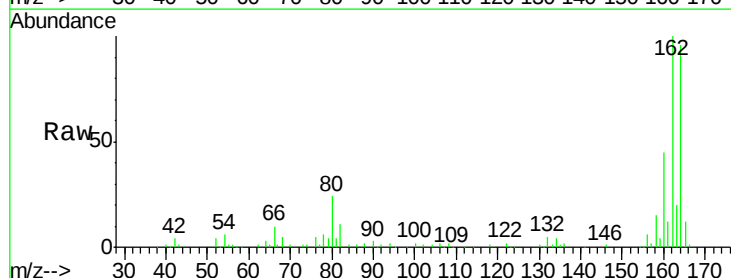
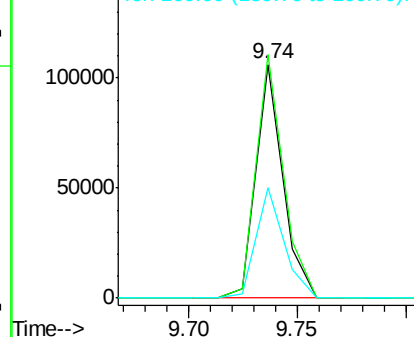
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF088935.D
Acq: 12 Jul 2016 22:57

Tgt Ion	164	Resp	91199
Ion Ratio	100	Lower	Upper
164	100		
162	104.2	85.4	128.2
160	47.3	39.5	59.3

Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B





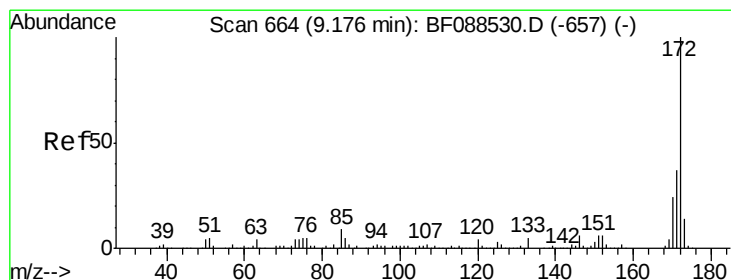
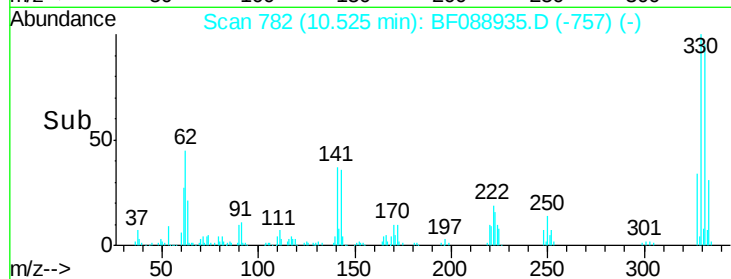
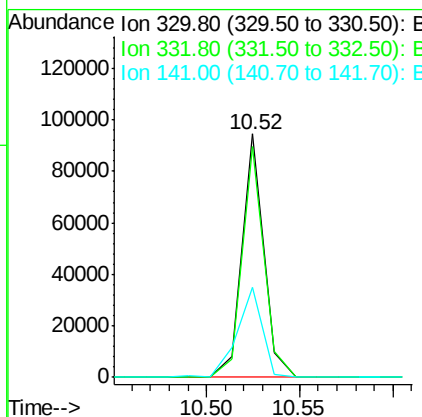
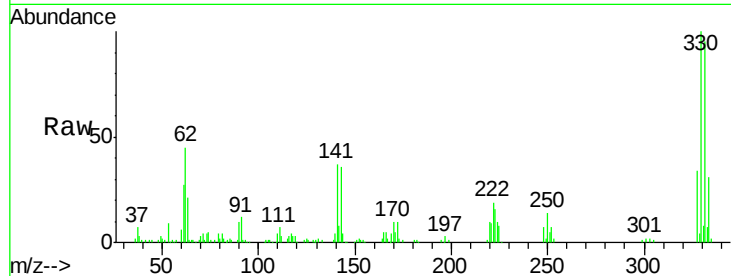
#41
 2,4,6-Tribromophenol
 Concen: 91.03 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088935.D
 Acq: 12 Jul 2016 22:57

Instrument :
 BNA_F
 ClientSampleId :
 C3-09

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	43.4	0.0	0.0#

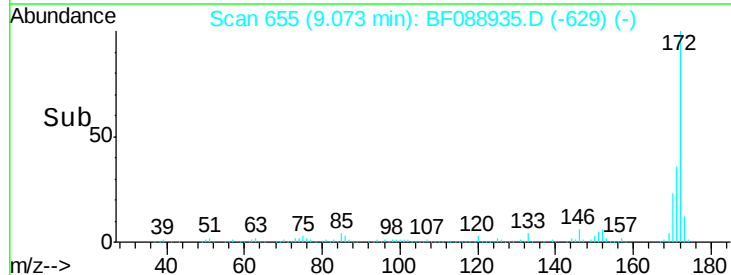
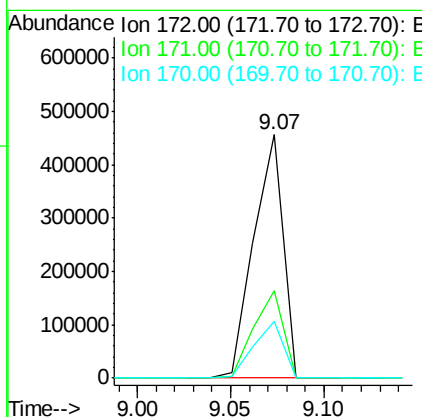
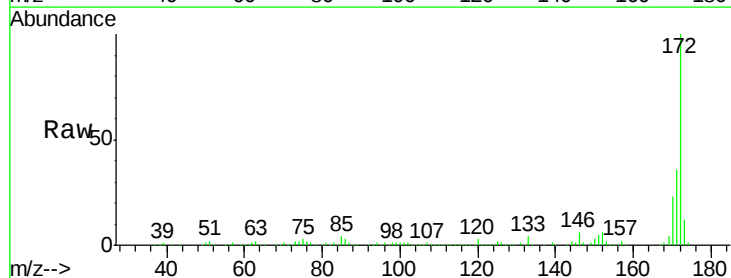
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#44
 2-Fluorobiphenyl
 Concen: 85.67 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF088935.D
 Acq: 12 Jul 2016 22:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.4	19.2	28.8





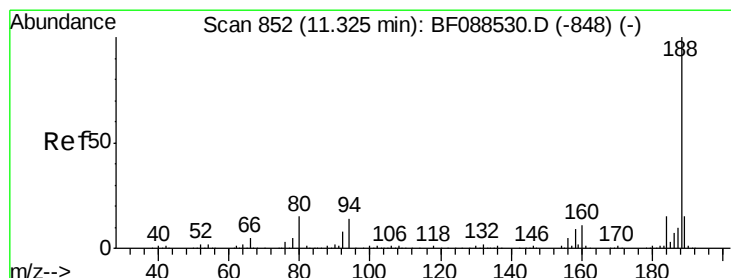
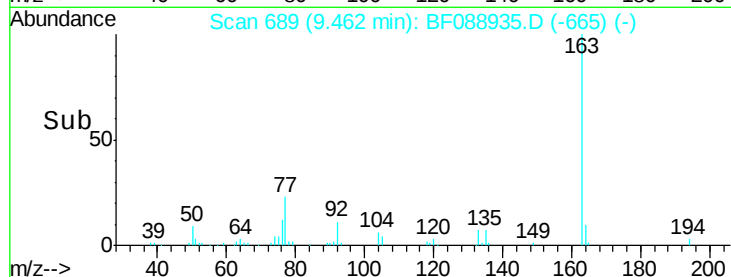
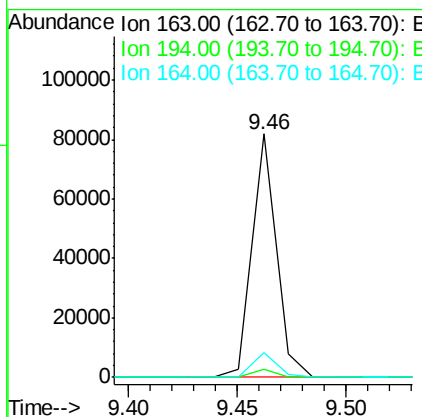
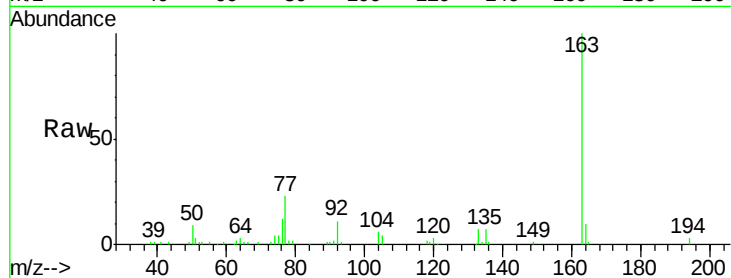
#49
Dimethylphthalate
Concen: 9.78 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF088935.D
Acq: 12 Jul 2016 22:57

Instrument :
BNA_F
ClientSampleId :
C3-09

Tot Ion:163 Resp: 63570
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 9.9 8.3 12.5

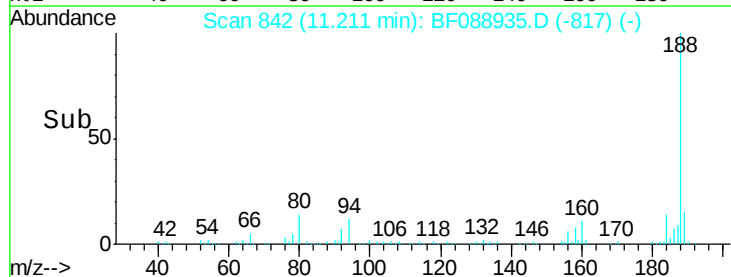
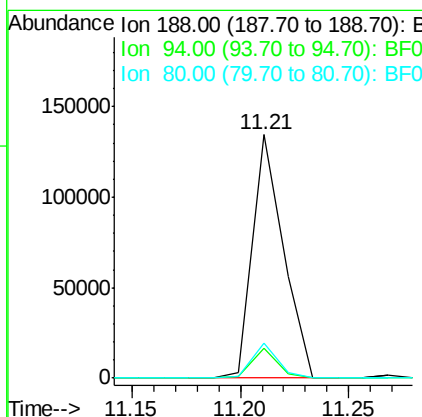
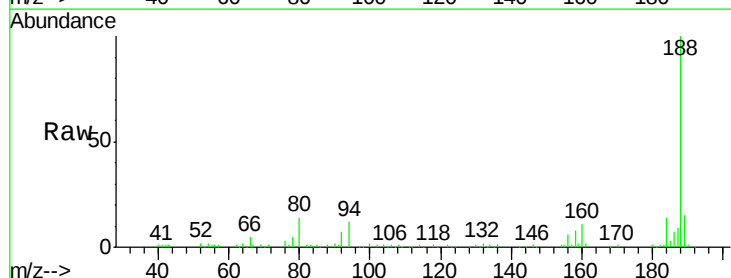
Manual Integrations

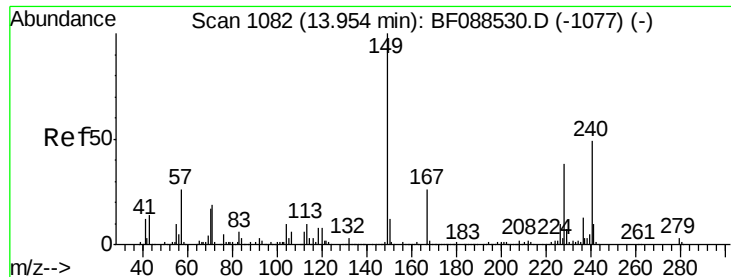
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF088935.D
Acq: 12 Jul 2016 22:57

Tgt Ion:188 Resp: 133465
Ion Ratio Lower Upper
188 100
94 12.3 9.0 13.6
80 14.1 10.0 15.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088935.D

Acq: 12 Jul 2016 22:57

Instrument :

BNA_F

ClientSampleId :

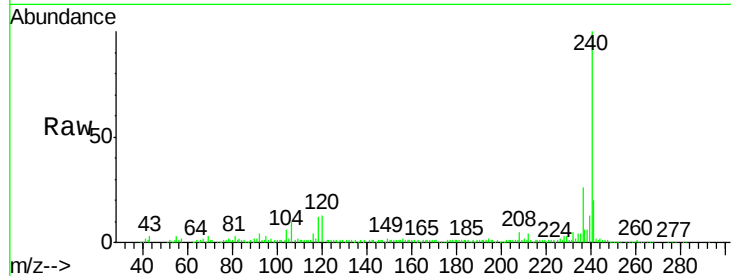
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Tot Ion:	240	Resp:	125964
Ion Ratio	Lower	Upper	
240	100		
120	12.7	6.8	10.2#
236	26.2	20.2	30.2

Manual Integrations

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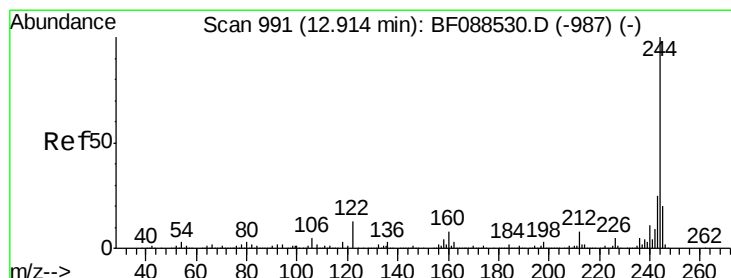
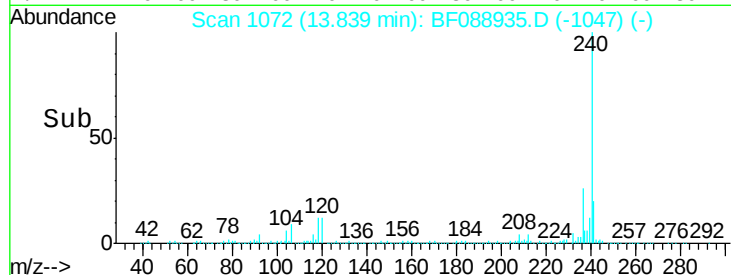
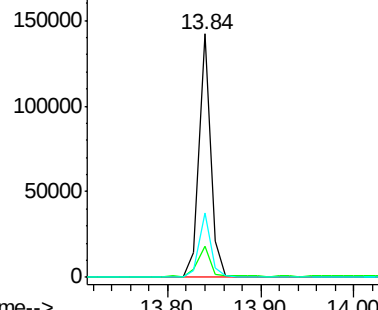
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 49.61 ng

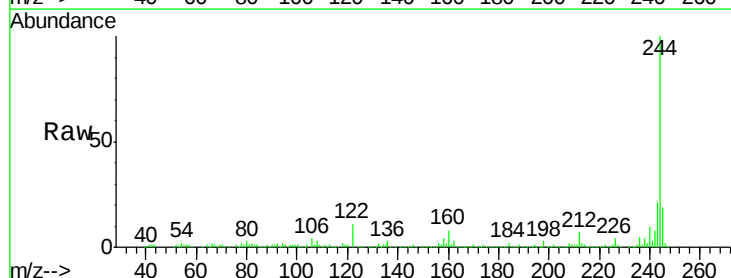
RT: 12.80 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF088935.D

Acq: 12 Jul 2016 22:57

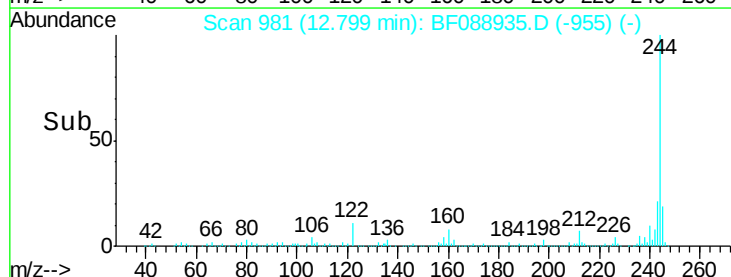
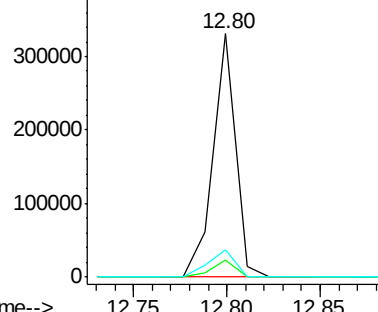
Tgt Ion:	244	Resp:	280585
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.0	9.0
122	11.4	11.2	16.8

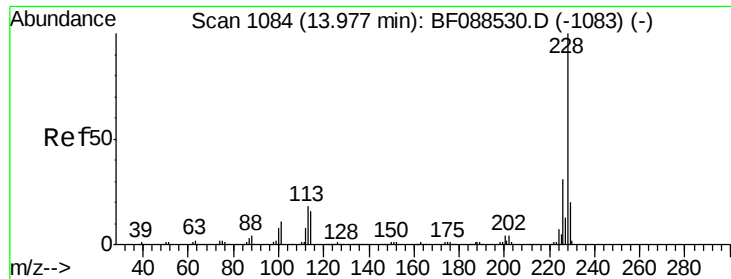


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





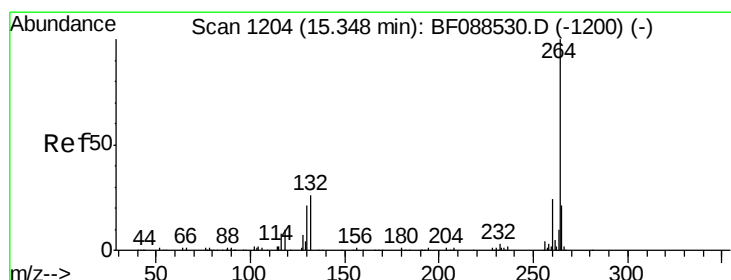
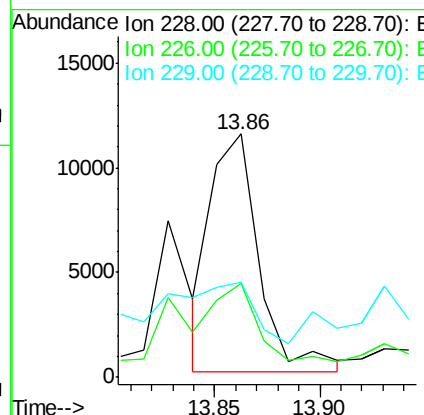
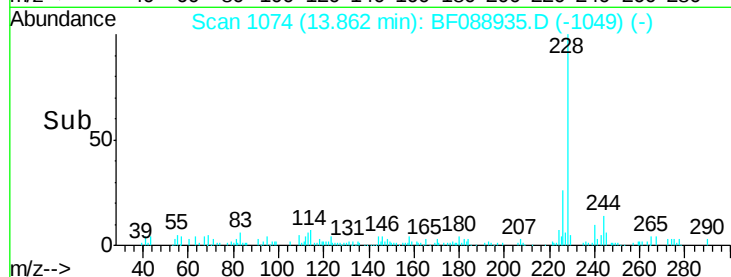
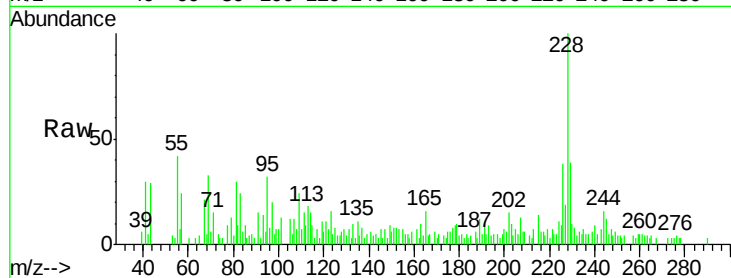
#82
Chrysene
Concen: 2.30 ng/ml
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088935.D
Acq: 12 Jul 2016 22:57

Instrument :
BNA_F
ClientSampleId :
C3-09

Tot Ion:	228	Resp:	18419
Ion	Ratio	Lower	Upper
228	100		
226	38.4	25.4	38.2#
229	38.9	16.3	24.5#

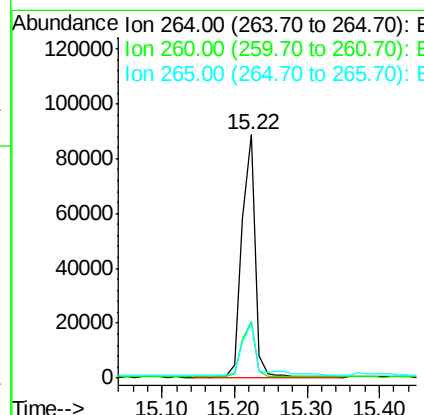
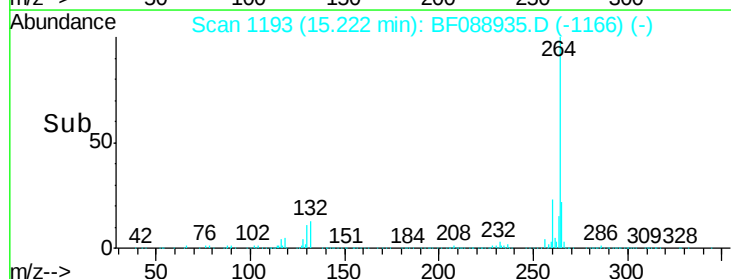
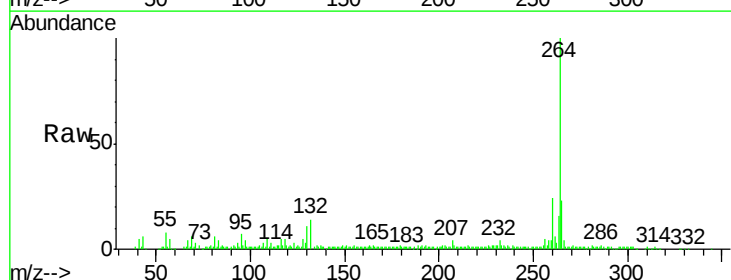
Manual Integrations

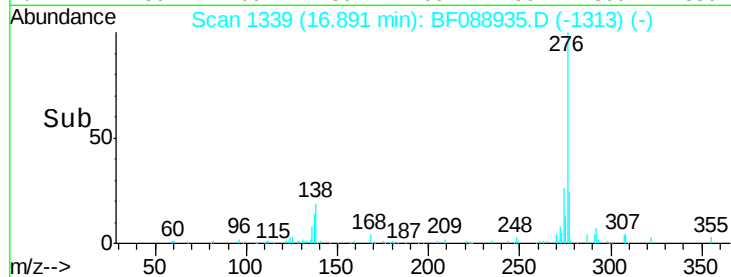
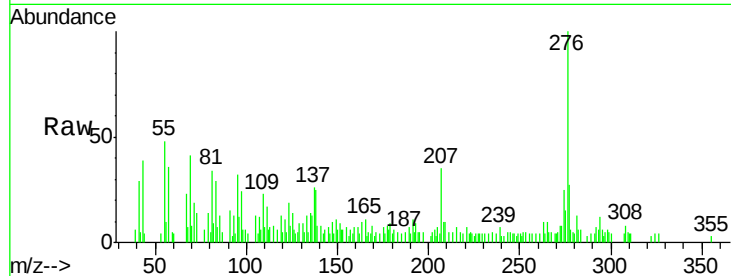
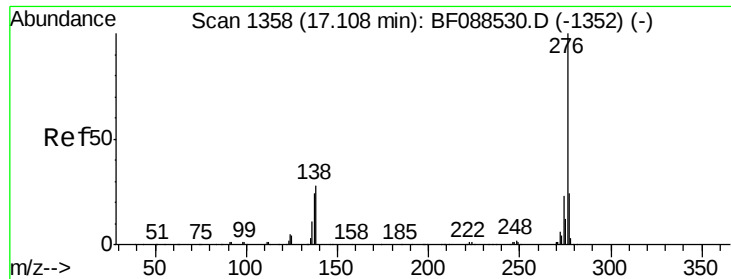
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF088935.D
Acq: 12 Jul 2016 22:57

Tgt Ion:	264	Resp:	111379
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.7	16.9	25.3





#91

Benzo(a,h,i)perylene

Concen: 3.25 ng

RT: 16.89 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF088935.D

Acq: 12 Jul 2016 22:57

Instrument :

BNA_F

ClientSampleId :

C3-09

Tot Ion: 276 Resp: 16595

Ion Ratio Lower Upper

276 100

277 27.0 18.9 28.3

138 25.2 21.4 32.2

Manual Integrations

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