

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
 Data File : BF089012.D
 Acq On : 15 Jul 2016 4:20
 Operator : UM/SJ
 Sample : H3972-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS01(0-2in)

Manual Integrations

APPROVED
 Sohil
 7/15/2016 9:16:49 AM

Quant Time: Jul 15 05:28:16 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	6.68	152	44339	20.00	ng	-0.02
21) Naphthalene-d8	7.98	136	179062	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	72397	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	122622	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	79218	20.00	ng	-0.01
86) Perylene-d12	15.21	264	62349	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	244990	82.81	ng	0.00
7) Phenol-d6	6.34	99	290766	76.06	ng	-0.01
23) Nitrobenzene-d5	7.26	82	186843	54.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	46234	68.77	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	278853	60.84	ng	-0.02
78) Terphenyl-d14	12.79	244	223552	62.85	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.00	128	40176	4.55	ng	98
37) 2-Methylnaphthalene	8.68	142	17311	3.05	ng	# 90
48) Acenaphthylene	9.59	152	23340	3.12	ng	98
49) Dimethylphthalate	9.45	163	70843	13.74	ng	99
51) Acenaphthene	9.76	154	23050	5.02	ng	97
54) Dibenzofuran	9.93	168	26220	4.36	ng	# 97
57) Fluorene	10.26	166	36602	7.91	ng	96
59) Diethylphthalate	10.15	149	18748	3.62	ng	99
70) Phenanthrene	11.22	178	411430	61.38	ng	99
71) Anthracene	11.28	178	131116	19.67	ng	98
72) Carbazole	11.44	167	55038	8.77	ng	99
73) Di-n-butylphthalate	11.77	149	60422	8.28	ng	# 98
74) Fluoranthene	12.41	202	545246	80.24	ng	98
77) Pyrene	12.64	202	477202	71.05	ng	99
79) Butylbenzylphthalate	13.27	149	149426	49.87	ng	# 84
80) Benzo(a)anthracene	13.83	228	223325	43.78	ng	98
82) Chrysene	13.86	228	196037m	38.84	ng	
83) Bis(2-ethylhexyl)phthalate	13.83	149	134992	39.47	ng	95
84) Di-n-octyl phthalate	14.45	149	30595	5.26	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.50	276	86798	22.35	ng	# 100
87) Benzo(b)fluoranthene	14.83	252	205089m	52.44	ng	
88) Benzo(k)fluoranthene	14.85	252	74900m	22.00	ng	
89) Benzo(a)pyrene	15.15	252	128991	38.95	ng	# 95
90) Dibenzo(a,h)anthracene	16.50	278	26541	9.60	ng	# 79
91) Benzo(g,h,i)perylene	16.89	276	83435	29.16	ng	98

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

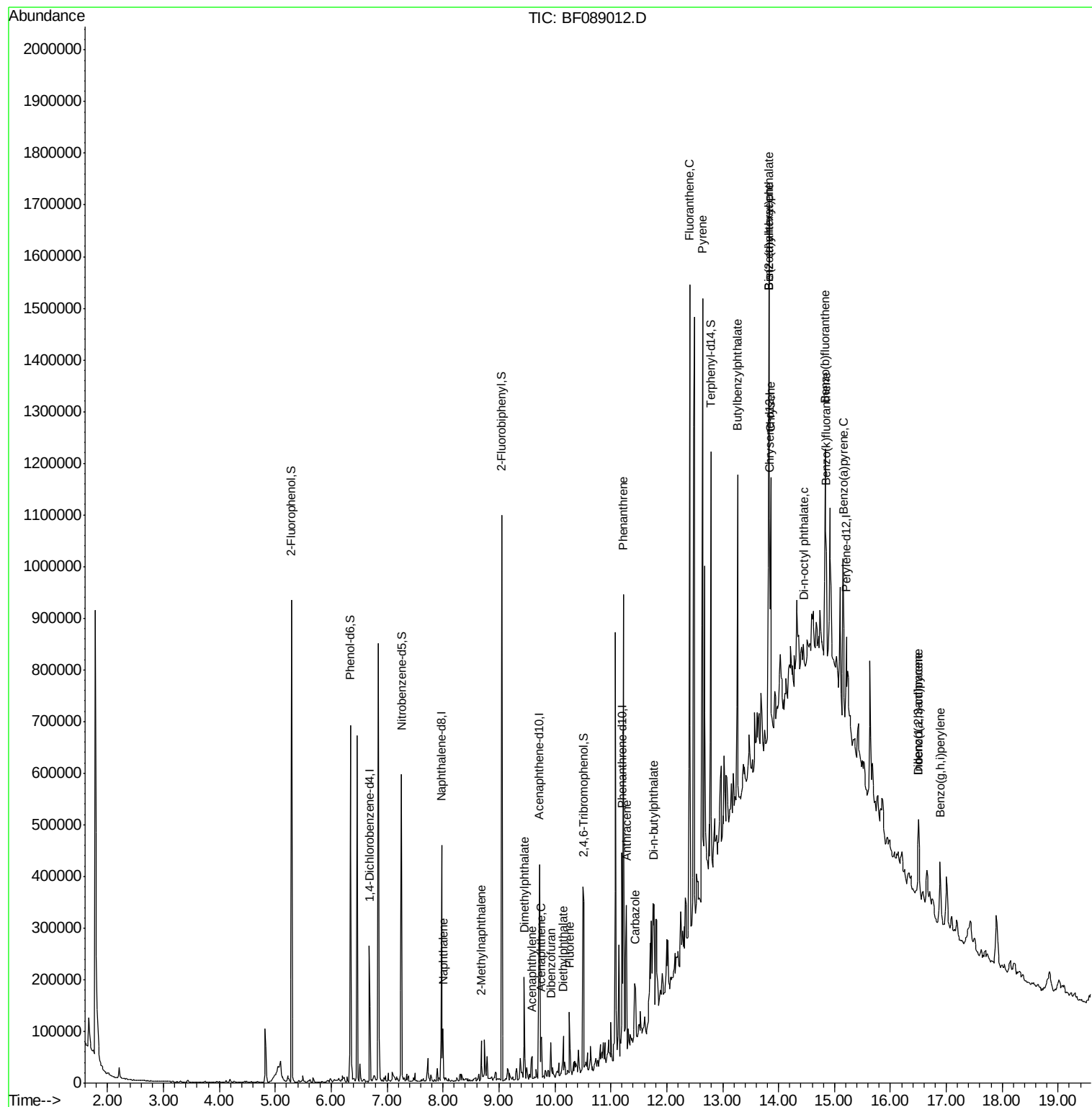
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089012.D
Acq On : 15 Jul 2016 4:20
Operator : UM/SJ
Sample : H3972-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

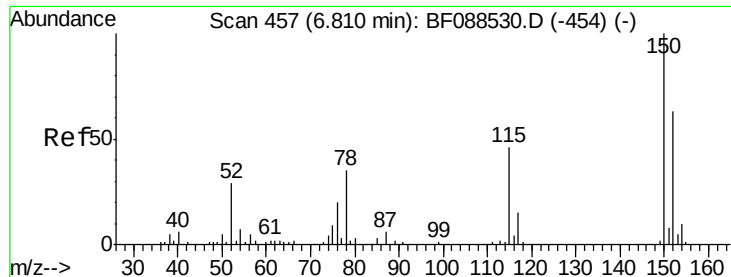
Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS01(0-2in)

Manual Integrations

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7/15/2016 9:16:49 AM

Quant Time: Jul 15 05:28:16 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





#1

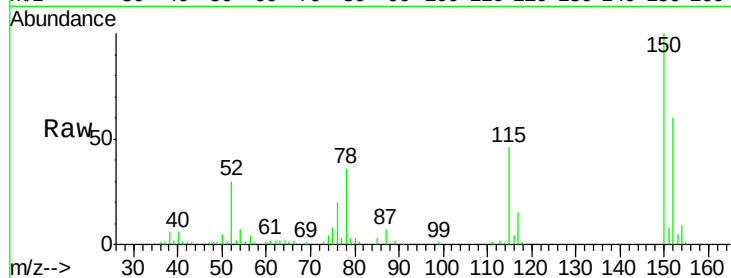
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF089012.D
Acq: 15 Jul 2016 4:20

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS01(0-2in)

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.3	123.8	185.6
115	77.0	39.6	59.4

Manual Integrations

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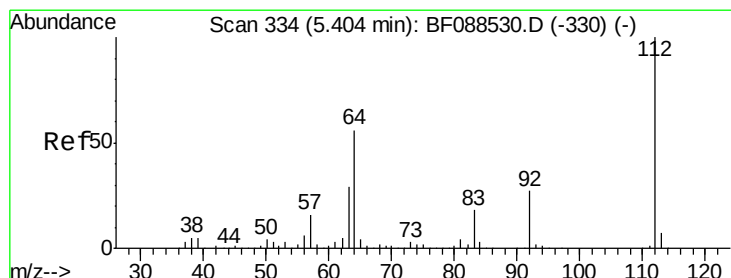
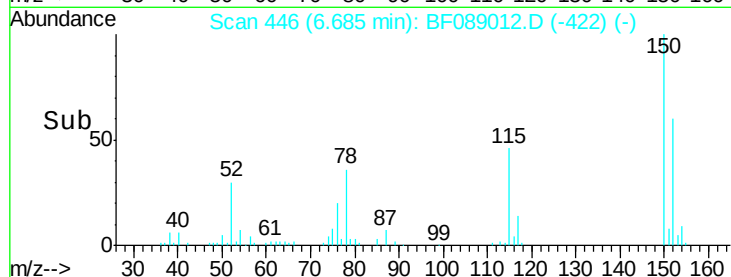
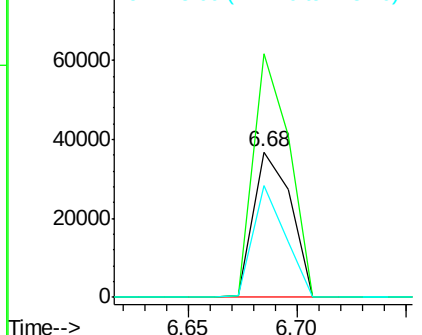


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

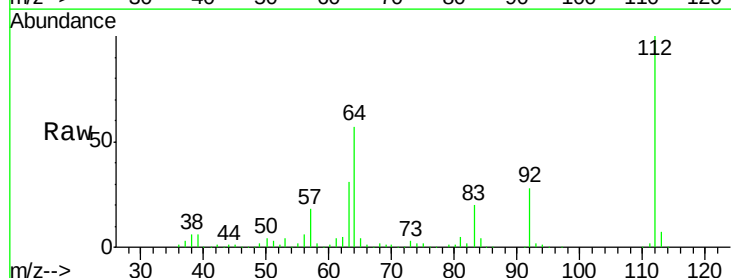
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 82.81 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.00 min
Lab File: BF089012.D
Acq: 15 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	42.2	63.2
63	31.4	21.8	32.8

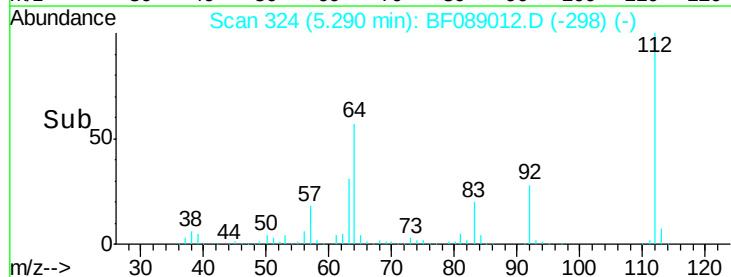
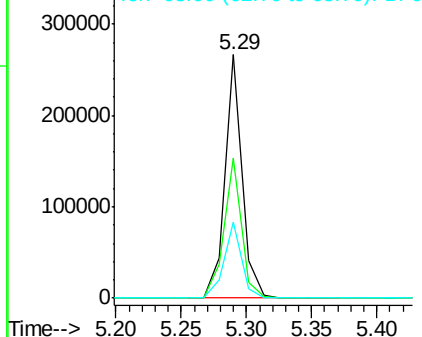


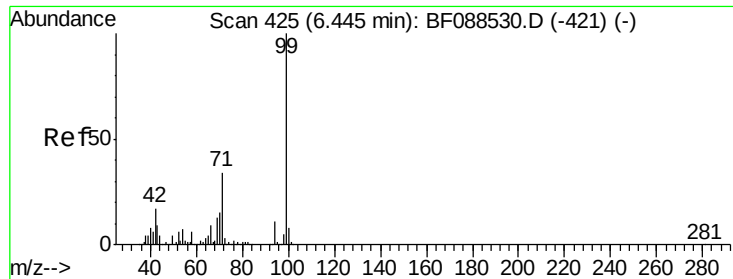
Abundance

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: 76.06 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF089012.D

Acq: 15 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

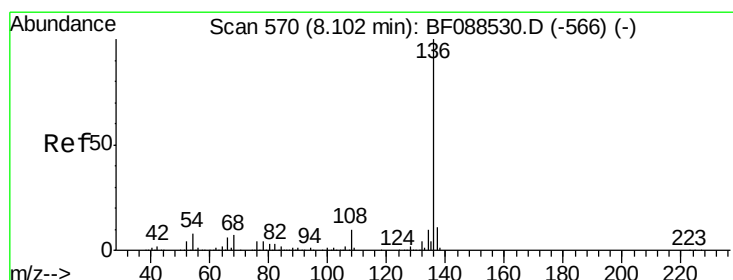
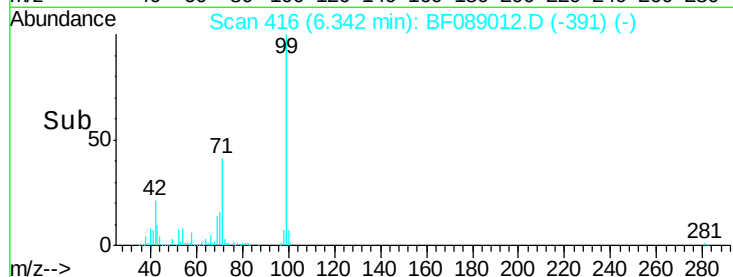
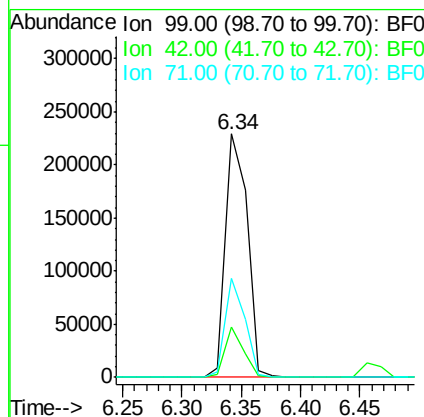
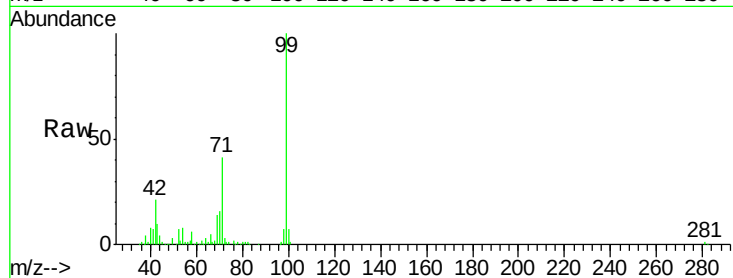
LSS-SS-SS01(0-2in)

Tot Ion:	99	Resp:	290766
Ion Ratio	Lower	Upper	
99	100		
42	20.9	12.2	18.2#
71	40.8	23.4	35.0#

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.00 ng

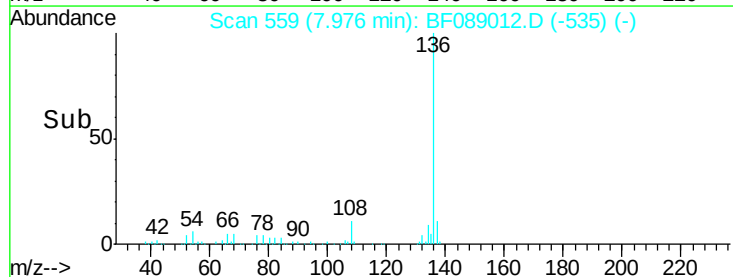
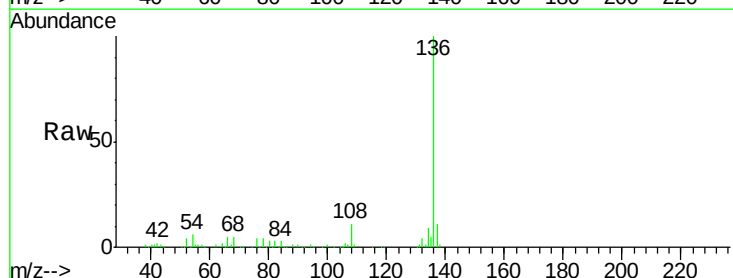
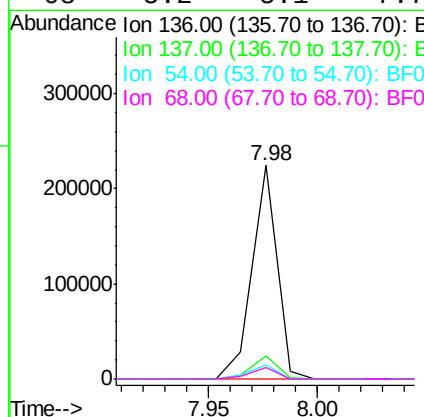
RT: 7.98 min Scan# 559

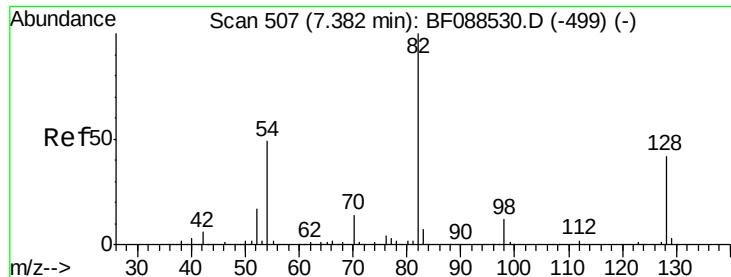
Delta R.T. -0.02 min

Lab File: BF089012.D

Acq: 15 Jul 2016 4:20

Tgt Ion:	136	Resp:	179062
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.1	13.7
54	6.5	6.6	10.0#
68	5.2	5.1	7.7





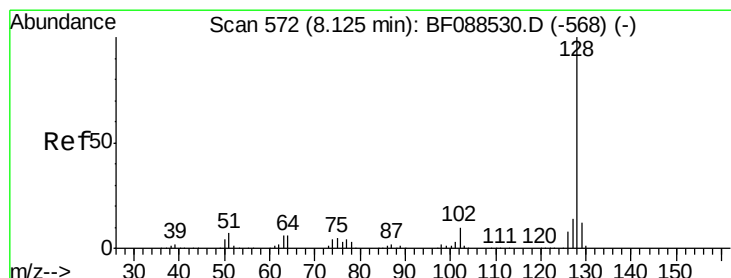
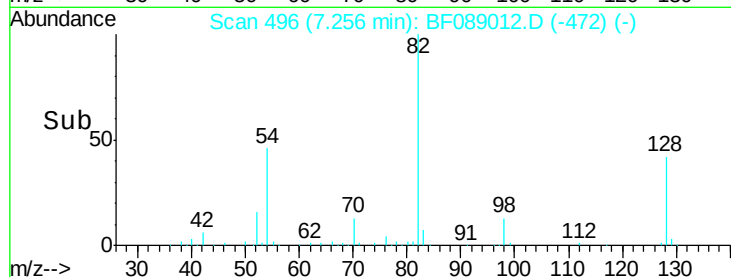
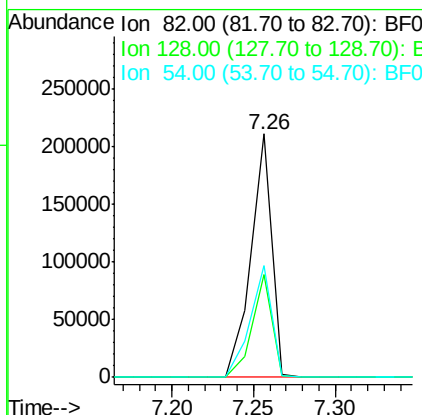
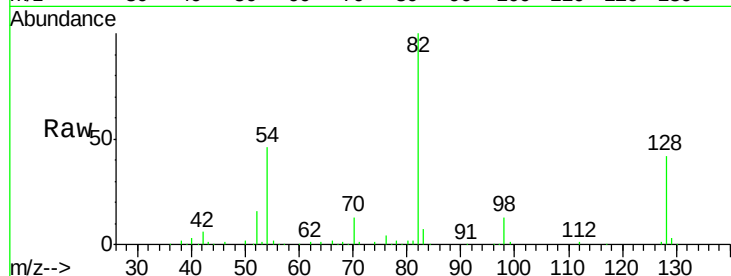
#23
Nitrobenzene-d5
Concen: 54.68 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF089012.D
Acq: 15 Jul 2016 4:20

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS01(0-2in)

Tot Ion	82	Resp	186843
Ion Ratio	100	Lower	Upper
82	100		
128	42.4	35.9	53.9
54	46.1	40.9	61.3

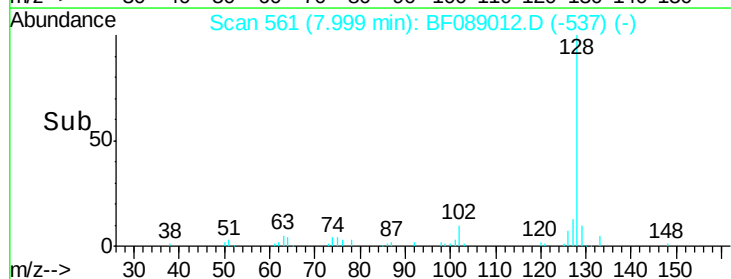
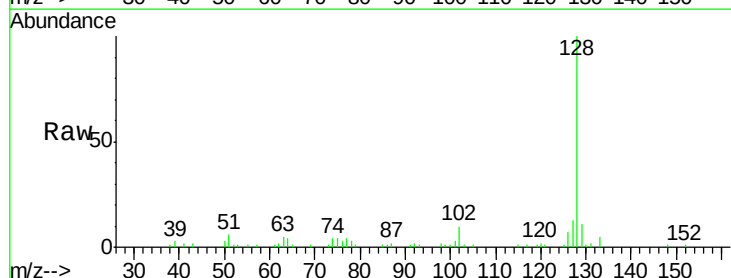
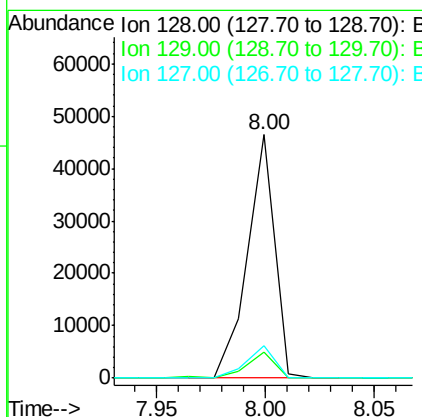
Manual Integrations

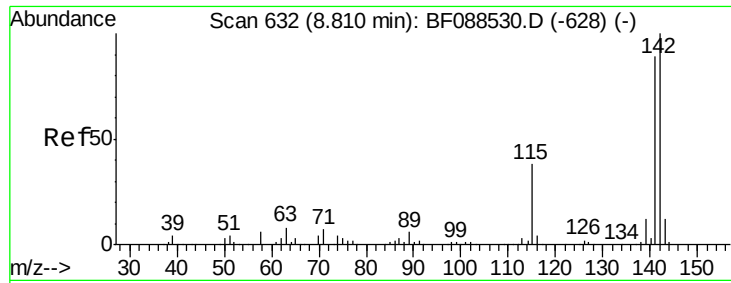
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#31
Naphthalene
Concen: 4.55 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF089012.D
Acq: 15 Jul 2016 4:20

Tgt Ion	128	Resp	40176
Ion Ratio	100	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	13.1	10.9	16.3





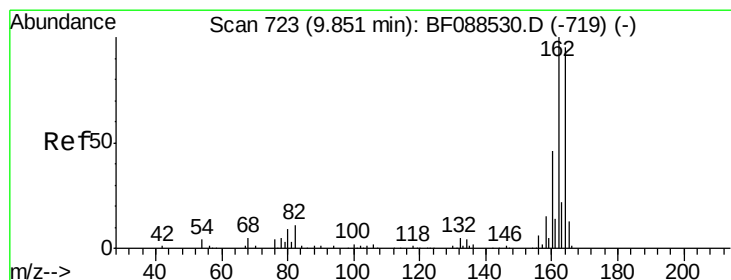
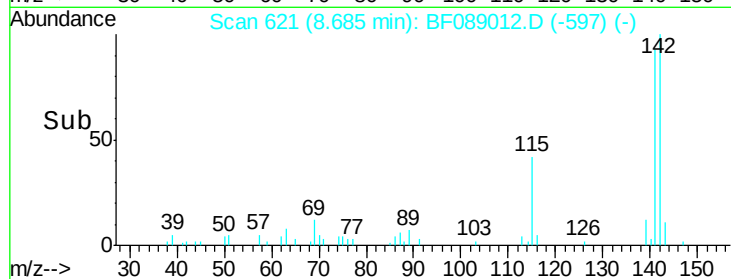
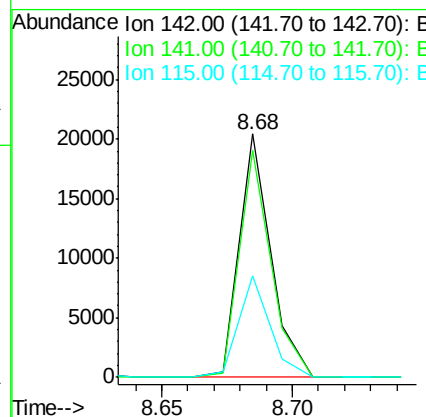
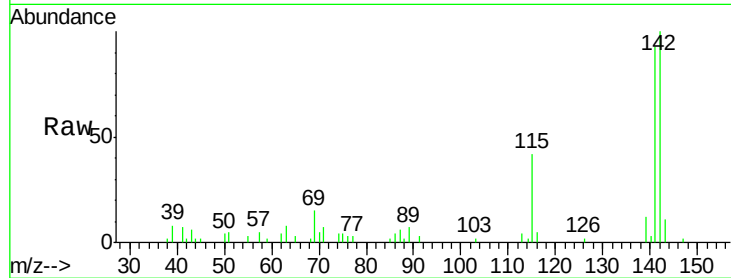
#37
2-Methylnaphthalene
Concen: 3.05 ng
RT: 8.68 min Scan# 621
Delta R.T. -0.02 min
Lab File: BF089012.D
Acq: 15 Jul 2016 4:20

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS01(0-2in)

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	71.0	106.6
115	41.7	22.6	33.8

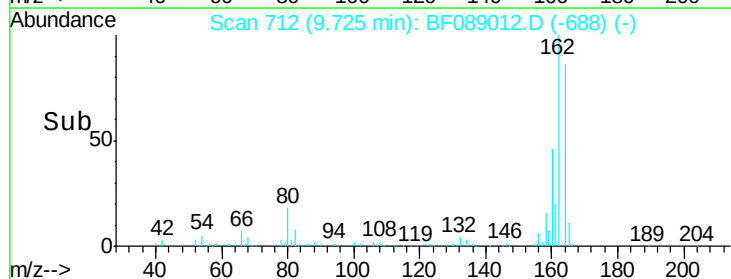
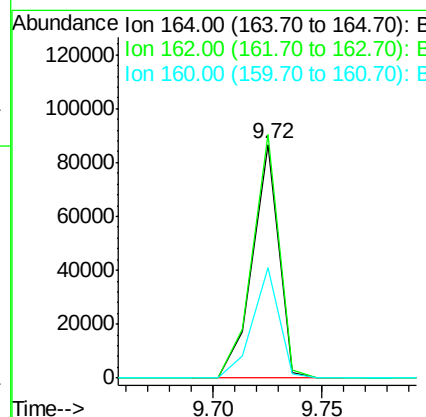
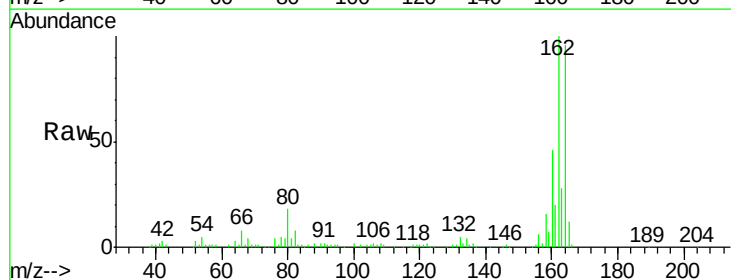
Manual Integrations

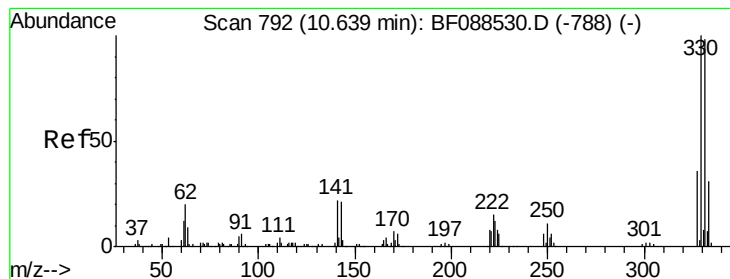
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF089012.D
Acq: 15 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.4	128.2
160	47.4	39.5	59.3





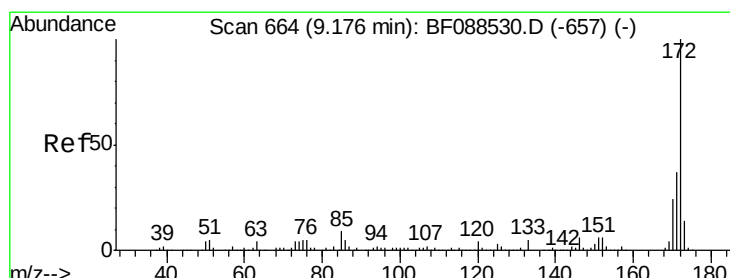
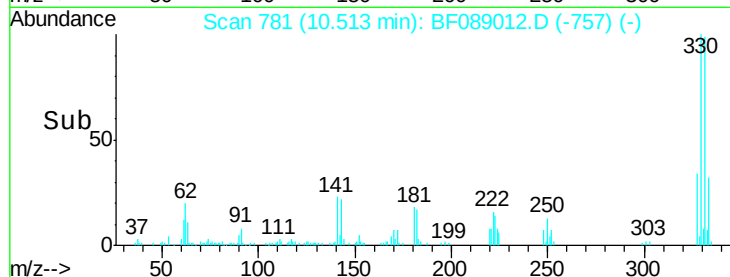
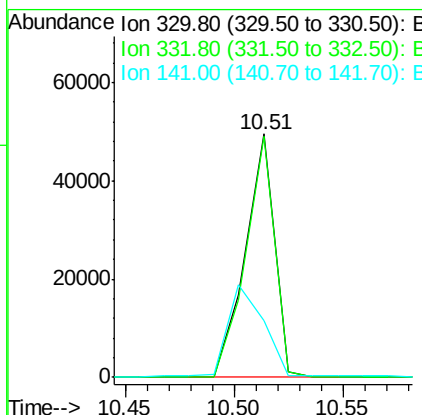
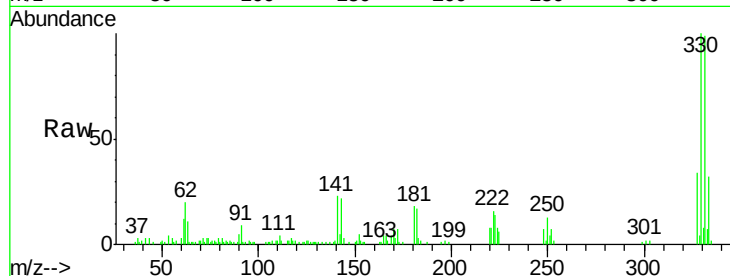
#41
 2,4,6-Tribromophenol
 Concen: 68.77 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF089012.D
 Acq: 15 Jul 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS01(0-2in)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	50.0	0.0	0.0#

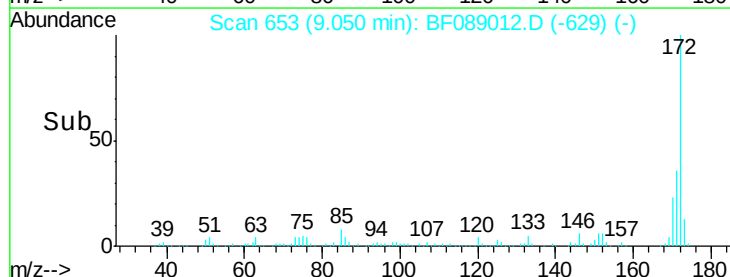
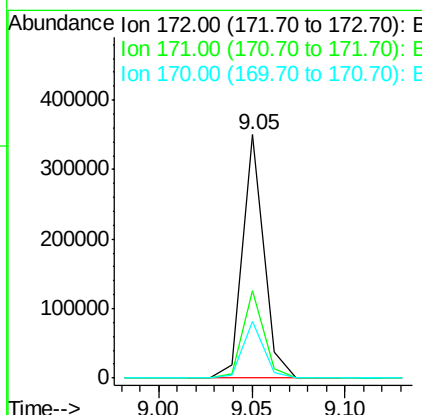
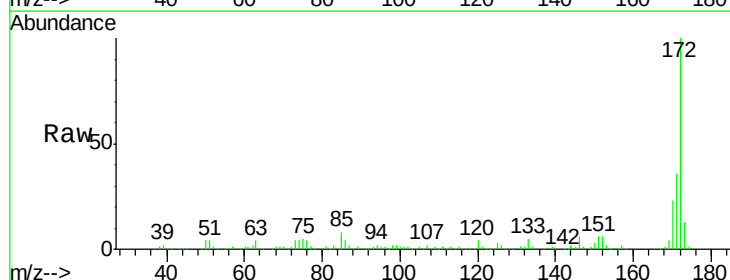
Manual Integrations

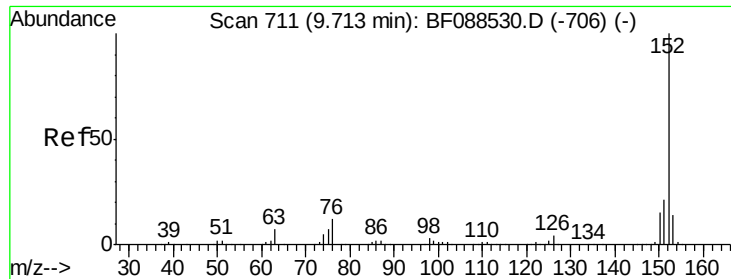
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#44
 2-Fluorobiphenyl
 Concen: 60.84 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF089012.D
 Acq: 15 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.4	19.2	28.8





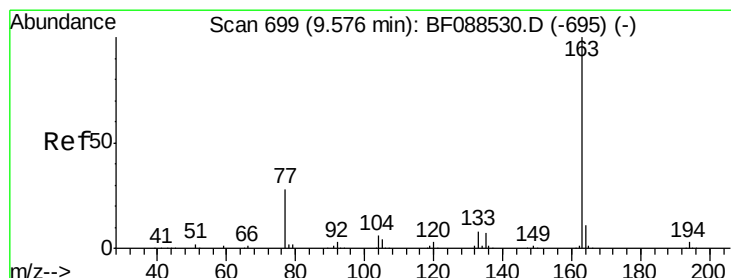
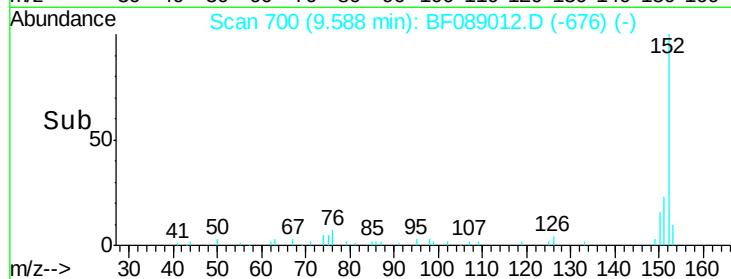
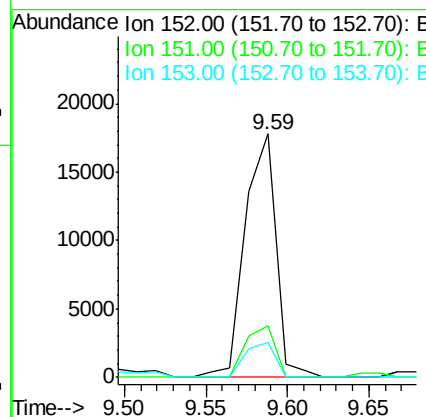
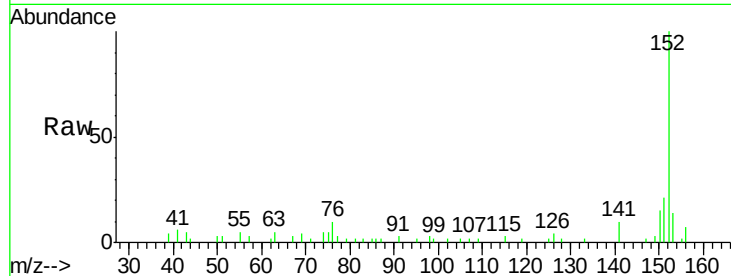
#48
Acenaphthylene
Concen: 3.12 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF089012.D
Acq: 15 Jul 2016 4:20

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS01(0-2in)

Tot Ion:	152	Resp:	23340
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.2	24.4
153	14.2	11.0	16.6

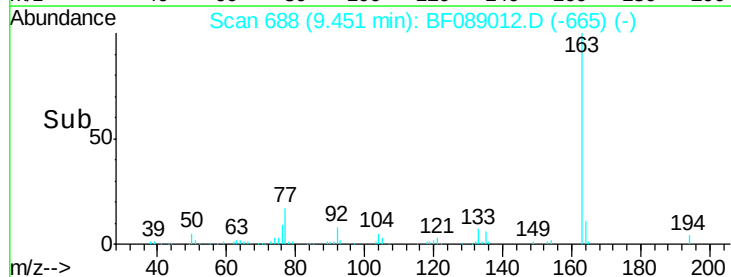
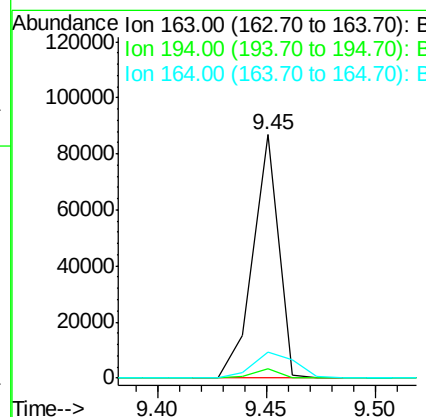
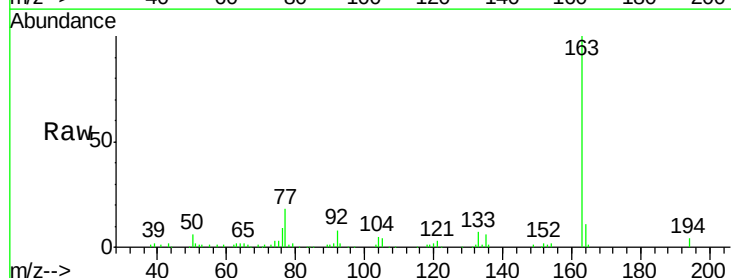
Manual Integrations

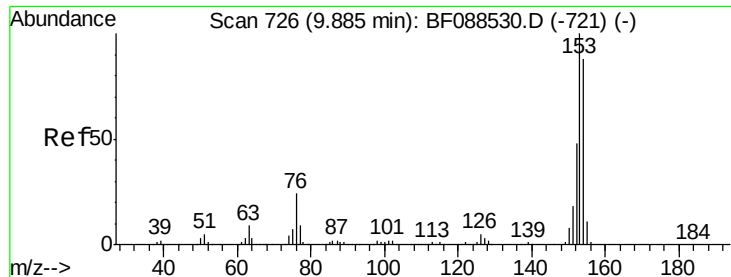
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#49
Dimethylphthalate
Concen: 13.74 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF089012.D
Acq: 15 Jul 2016 4:20

Tgt Ion:	163	Resp:	70843
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.8	4.2
164	10.7	8.3	12.5





#51

Acenaphthene

Concen: 5.02 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF089012.D

Acq: 15 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS01(0-2in)

Tot Ion:154 Resp: 23050

Ion Ratio Lower Upper

154 100

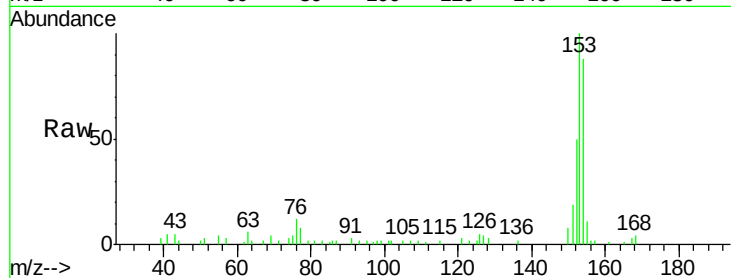
153 114.0 89.5 134.3

152 57.1 42.7 64.1

Manual Integrations

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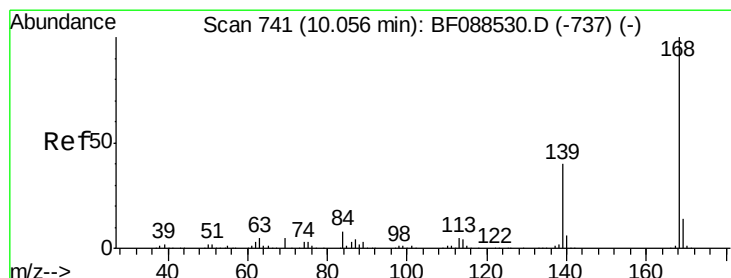
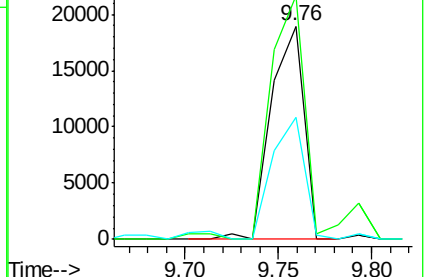
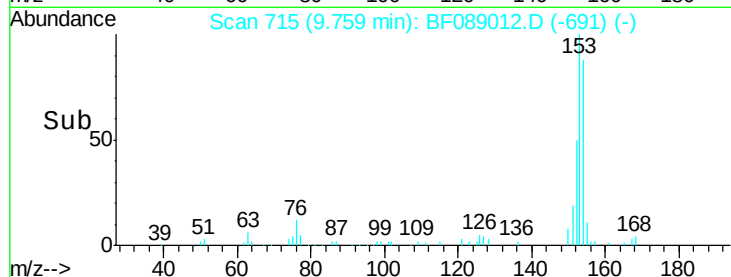
7/15/2016 9:16:49 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 4.36 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF089012.D

Acq: 15 Jul 2016 4:20

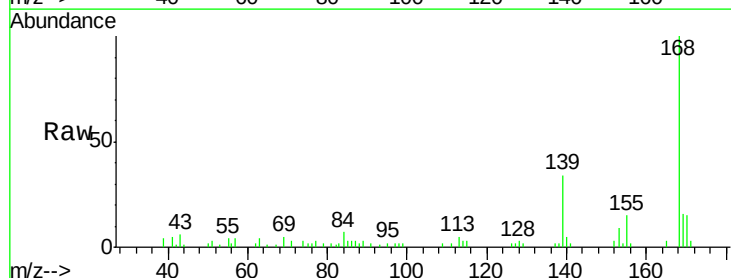
Tgt Ion:168 Resp: 26220

Ion Ratio Lower Upper

168 100

139 33.8 26.4 39.6

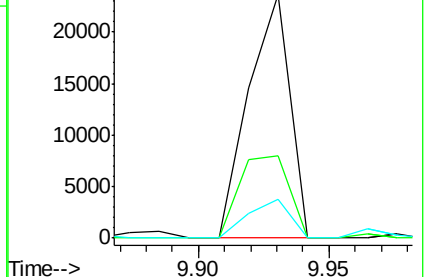
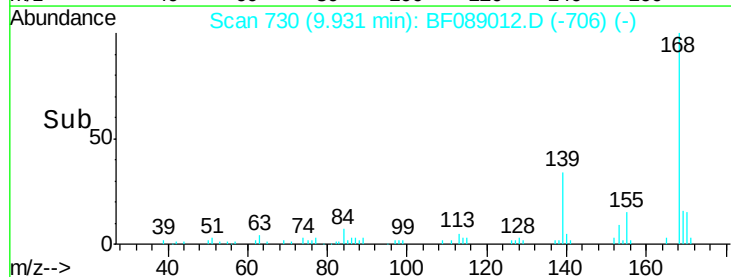
169 15.9 10.4 15.6#

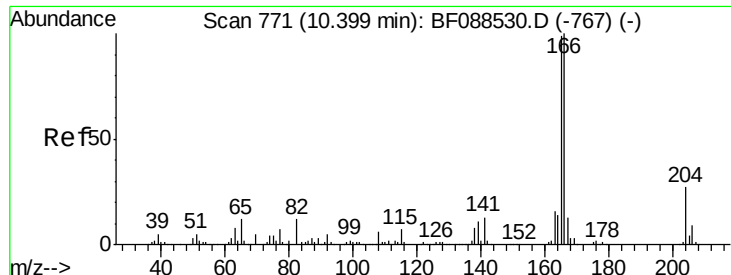


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 7.91 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.03 min

Lab File: BF089012.D

Acq: 15 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS01(0-2in)

Tot Ion:166 Resp: 36602

Ion Ratio Lower Upper

166 100

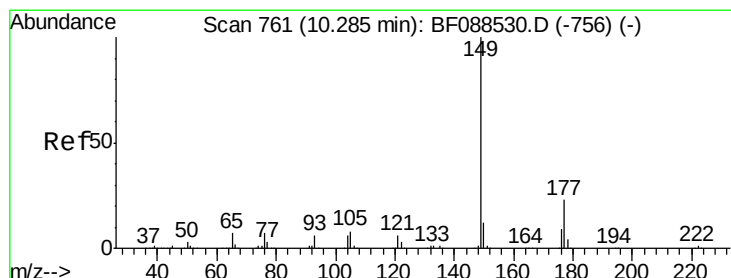
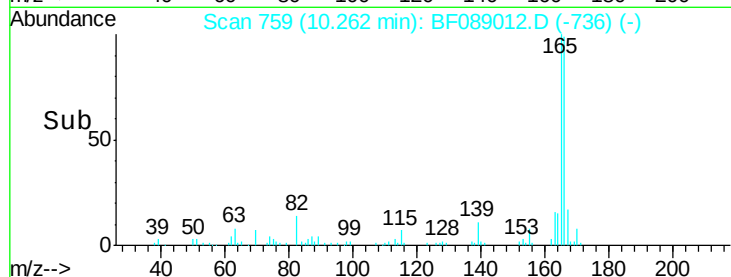
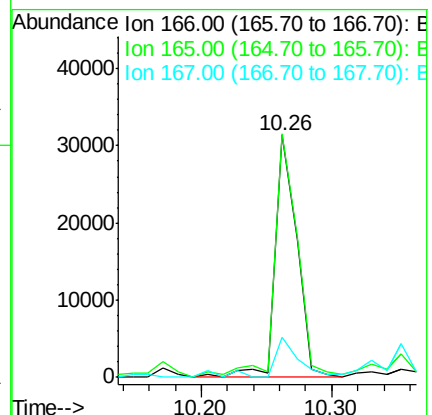
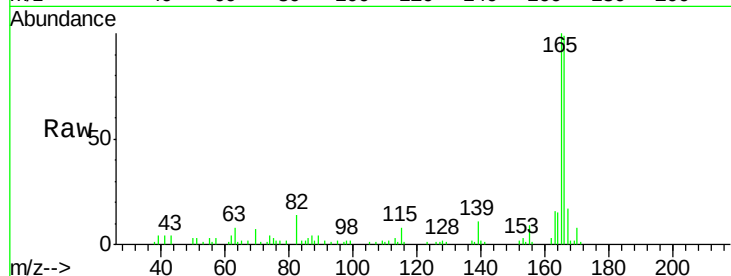
165 100.6 77.8 116.8

167 16.8 11.2 16.8

Manual Integrations

Sohil

7/15/2016 9:16:49 AM



#59

Diethylphthalate

Concen: 3.62 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF089012.D

Acq: 15 Jul 2016 4:20

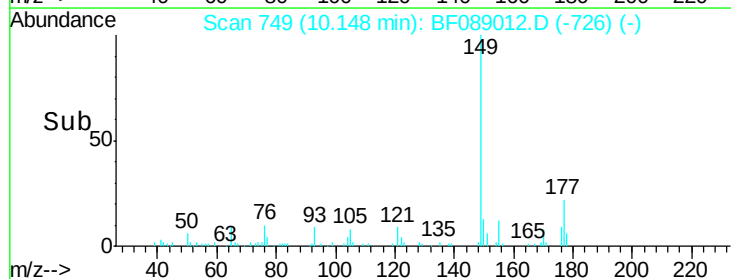
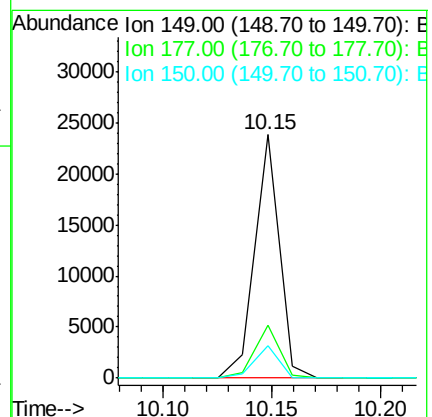
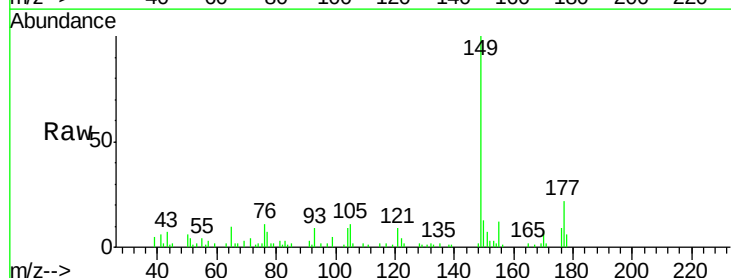
Tgt Ion:149 Resp: 18748

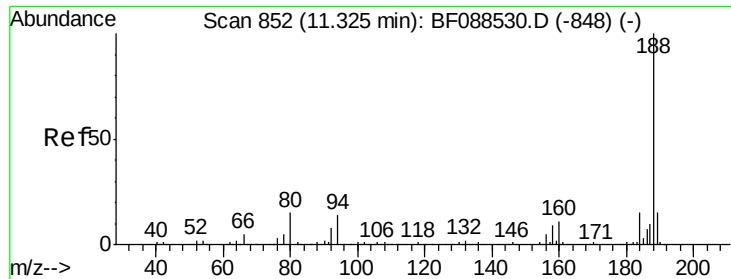
Ion Ratio Lower Upper

149 100

177 21.7 16.9 25.3

150 13.2 10.1 15.1





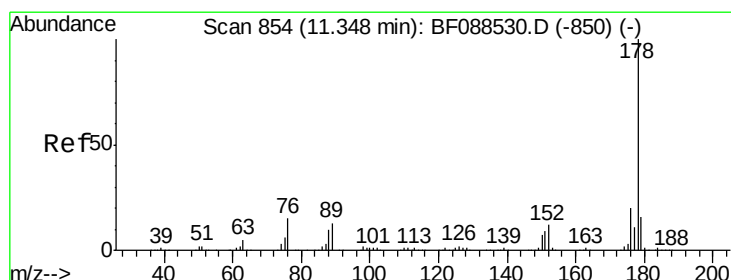
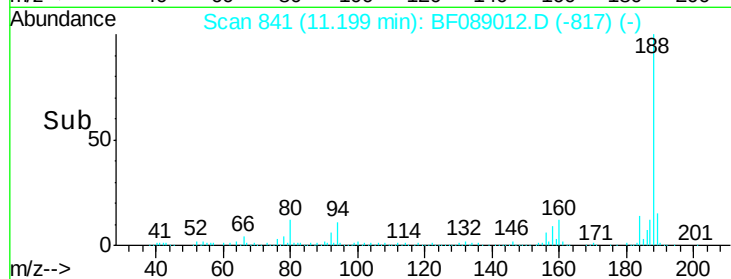
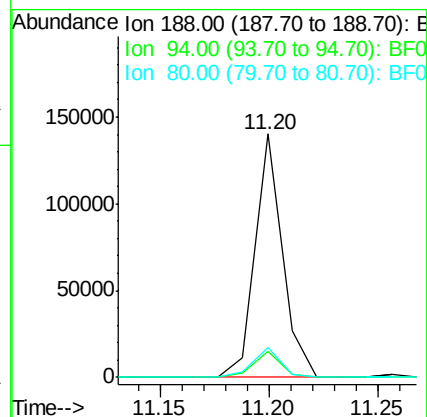
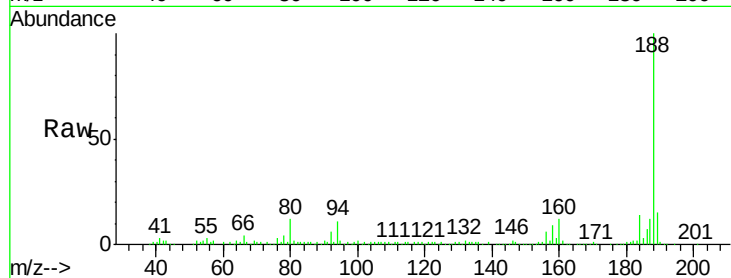
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF089012.D
Acq: 15 Jul 2016 4:20

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS01(0-2in)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	122622		
94	10.8		9.0	13.6
80	12.3		10.0	15.0

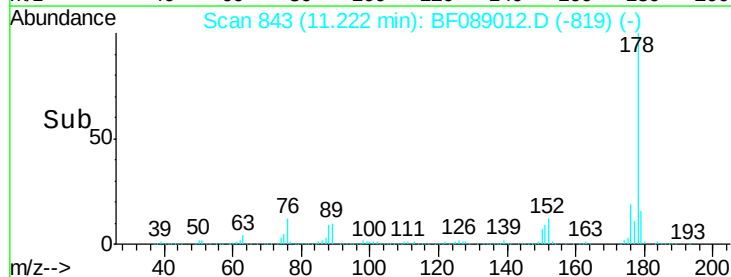
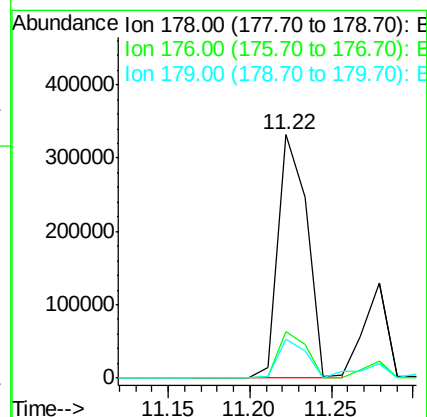
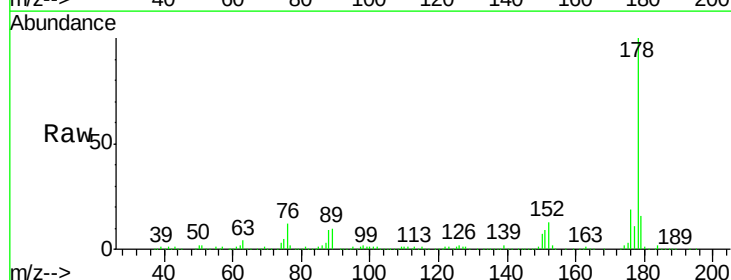
Manual Integrations

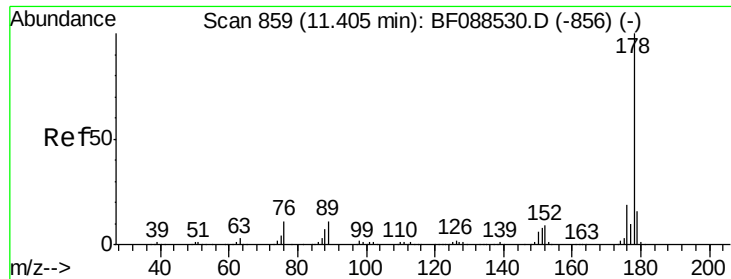
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Sohil
7/15/2016 9:16:49 AM



#70
Phenanthrene
Concen: 61.38 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF089012.D
Acq: 15 Jul 2016 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	411430		
176	18.9		15.8	23.6
179	15.8		13.0	19.4





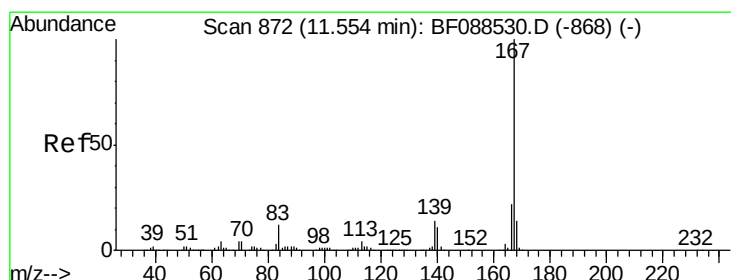
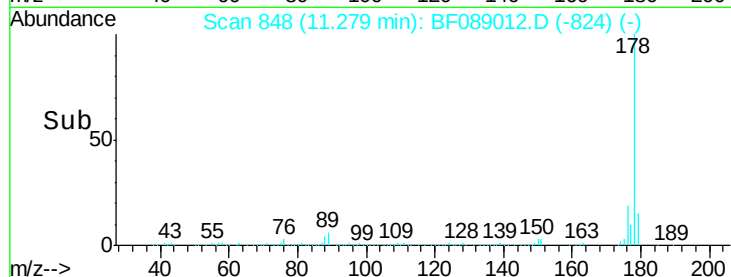
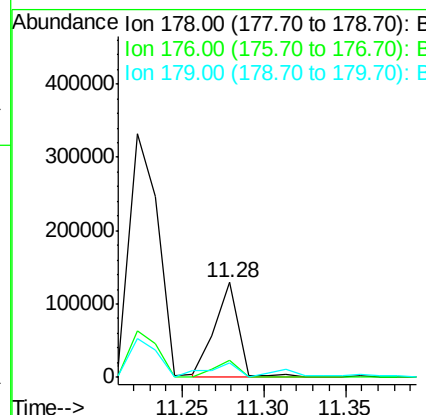
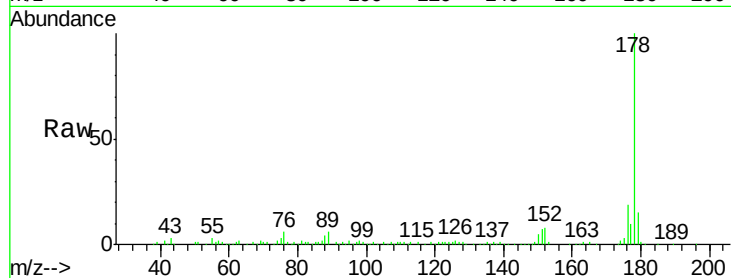
#71
 Anthracene
 Concen: 19.67 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.02 min
 Lab File: BF089012.D
 Acq: 15 Jul 2016 4:20

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS01(0-2in)

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.5	15.6	23.4	
179	15.3	12.8	19.2	

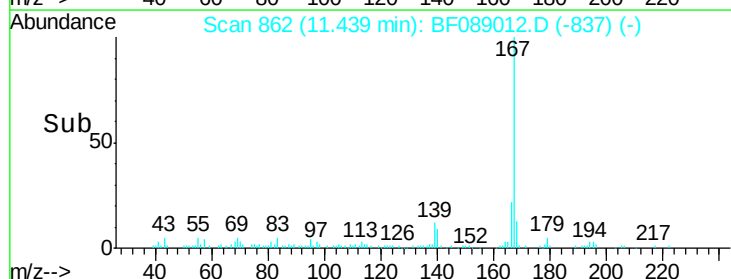
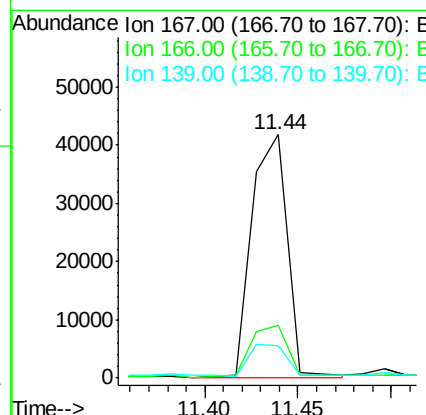
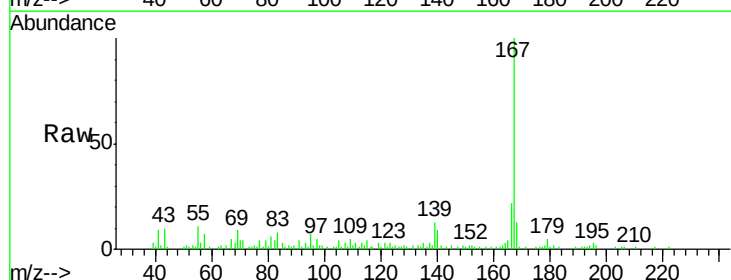
Manual Integrations

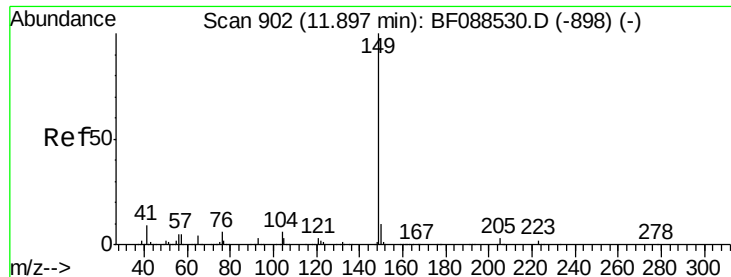
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#72
 Carbazole
 Concen: 8.77 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BF089012.D
 Acq: 15 Jul 2016 4:20

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.0	17.8	26.6	
139	13.2	11.2	16.8	





#73

Di-n-butylphthalate

Concen: 8.28 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF089012.D

Acq: 15 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

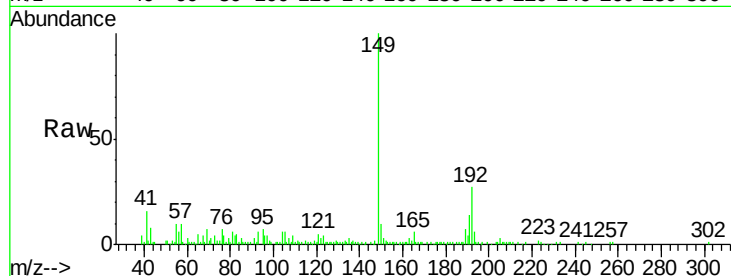
LSS-SS-SS01(0-2in)

Tot Ion:	149	Resp:	60422
Ion Ratio	Lower	Upper	
149	100		
150	10.3	7.8	11.6
104	6.1	4.0	6.0

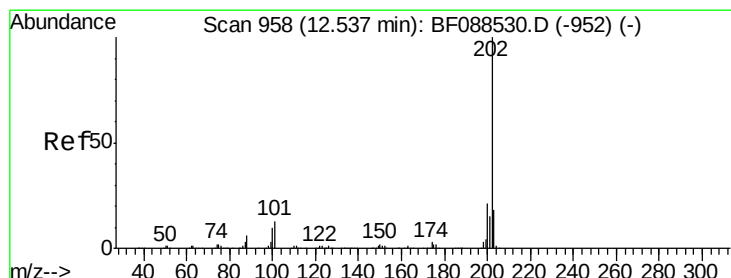
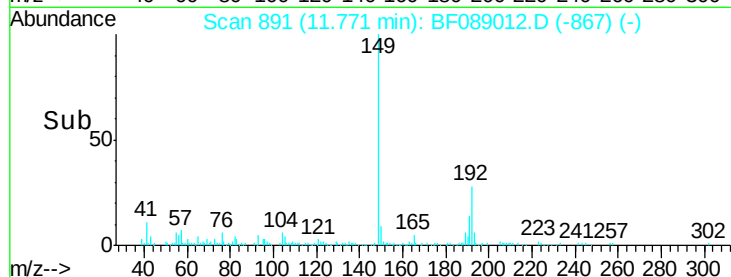
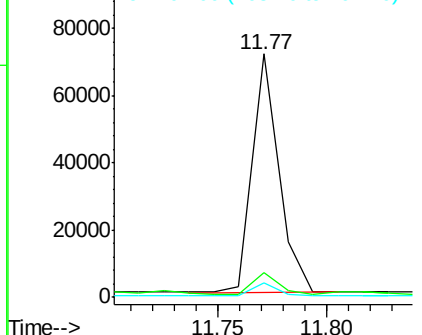
Manual Integrations

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7/15/2016 9:16:49 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 80.24 ng

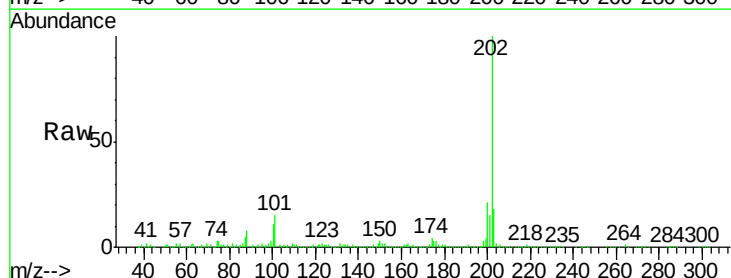
RT: 12.41 min Scan# 947

Delta R.T. -0.01 min

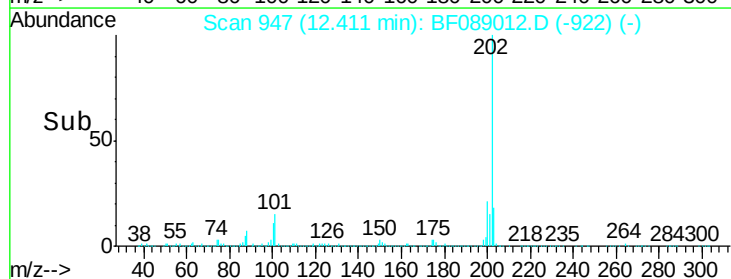
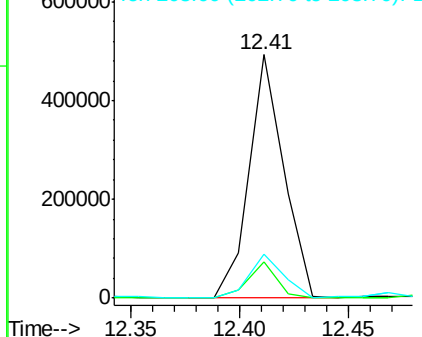
Lab File: BF089012.D

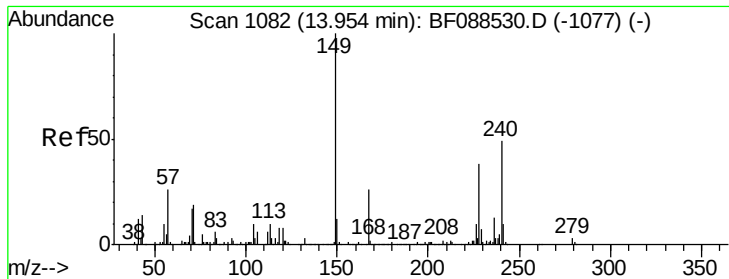
Acq: 15 Jul 2016 4:20

Tgt Ion:	202	Resp:	545246
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	33.1
203	18.0	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF089012.D

Acq: 15 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS01(0-2in)

Tot Ion:240 Resp: 79218

Ion Ratio Lower Upper

240 100

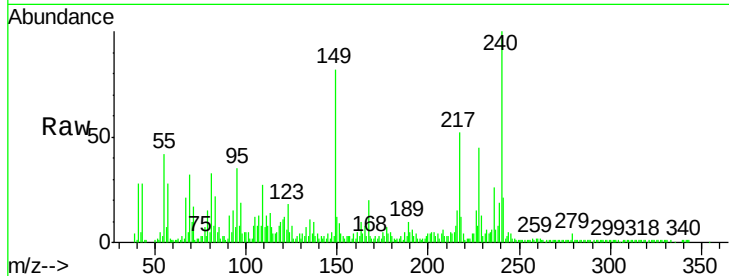
120 10.6 6.8 10.2#

236 26.1 20.2 30.2

Manual Integrations

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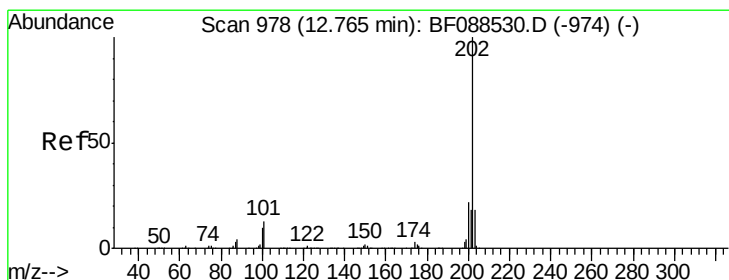
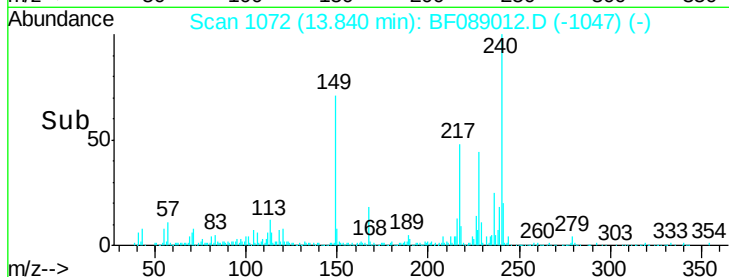
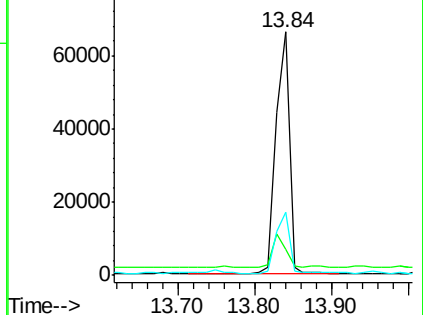
7/15/2016 9:16:49 AM



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



#77

Pyrene

Concen: 71.05 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF089012.D

Acq: 15 Jul 2016 4:20

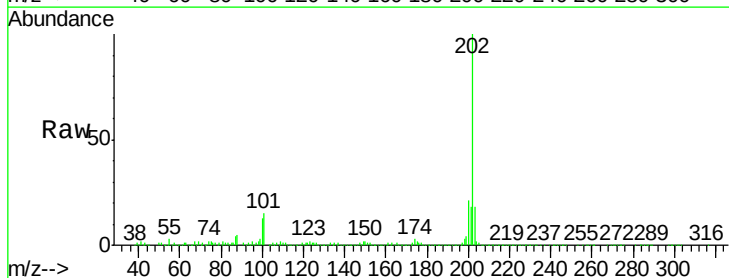
Tgt Ion:202 Resp: 477202

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

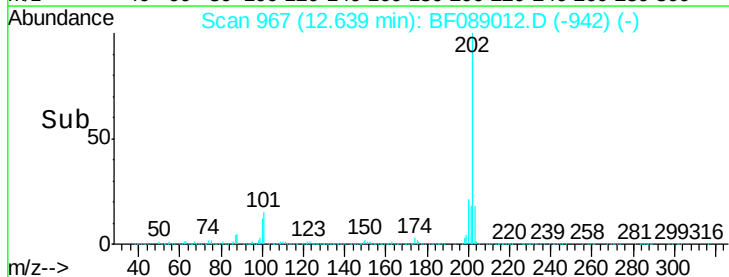
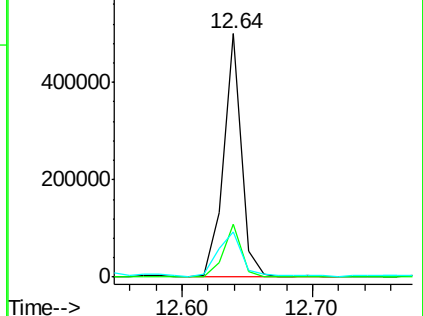
203 18.4 14.5 21.7

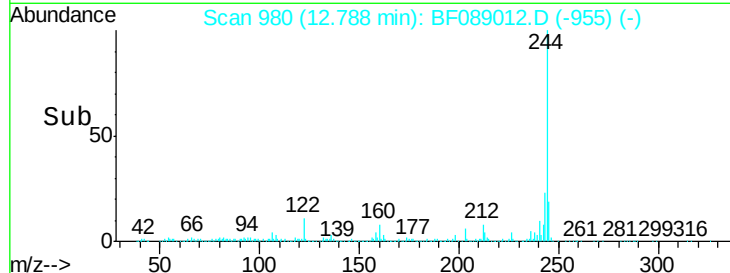
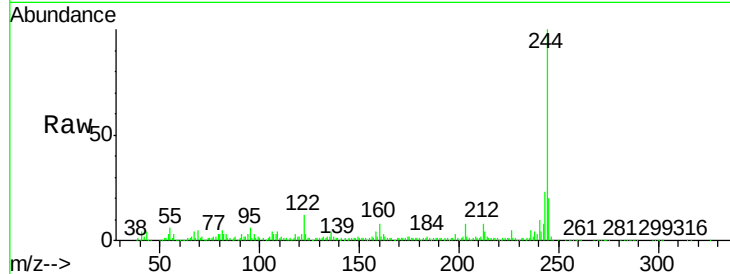
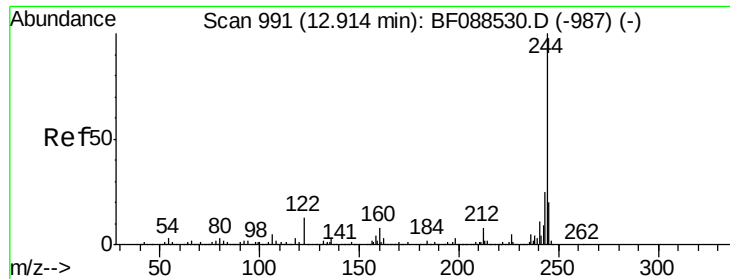


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





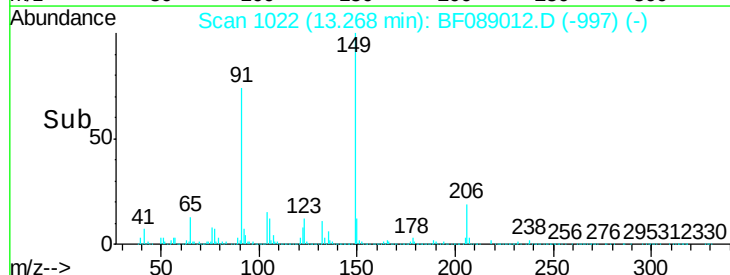
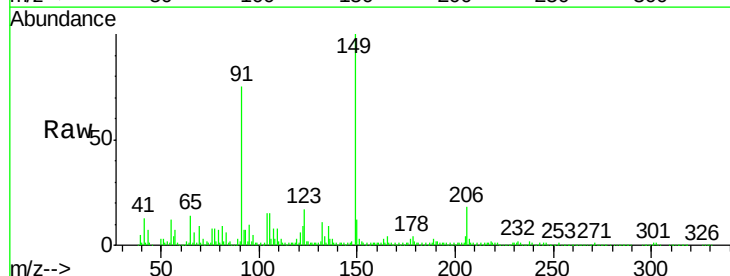
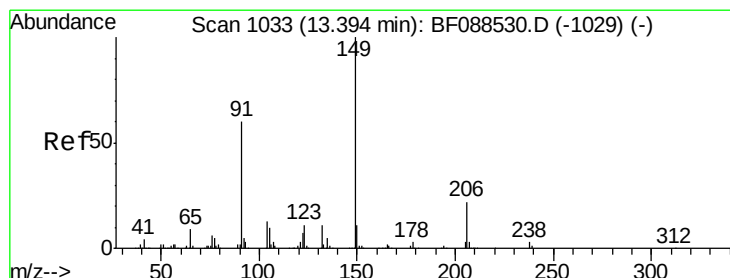
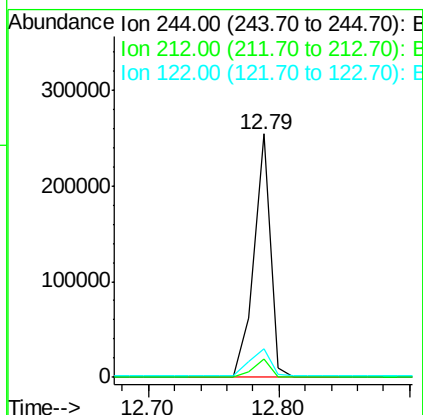
#78
Terphenyl-d14
Concen: 62.85 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF089012.D
Acq: 15 Jul 2016 4:20

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	11.7	11.2	16.8

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS01(0-2in)

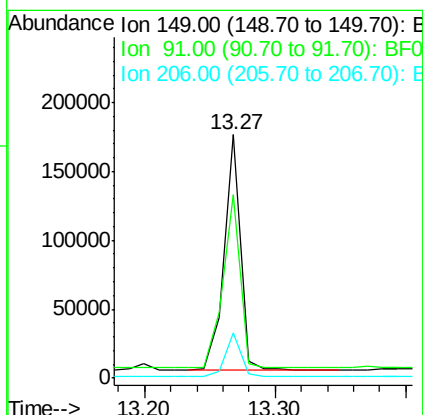
Manual Integrations

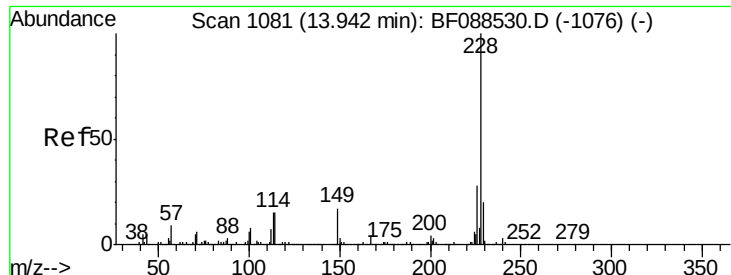
APPROVED
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7/15/2016 9:16:49 AM



#79
Butylbenzylphthalate
Concen: 49.87 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF089012.D
Acq: 15 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.1	48.0	72.0#
206	18.4	16.0	24.0





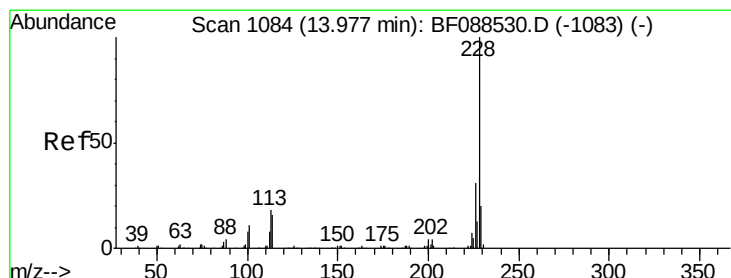
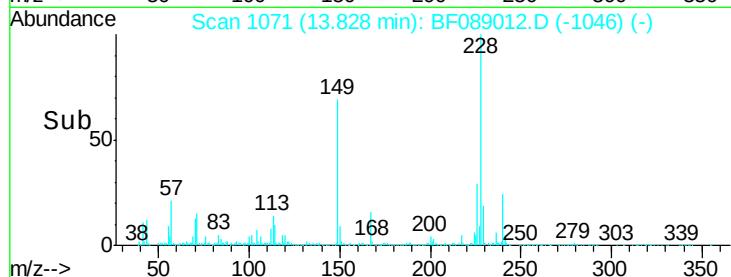
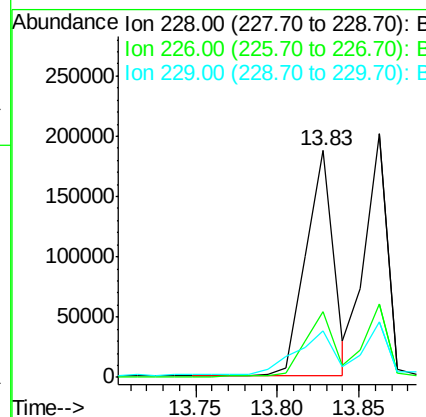
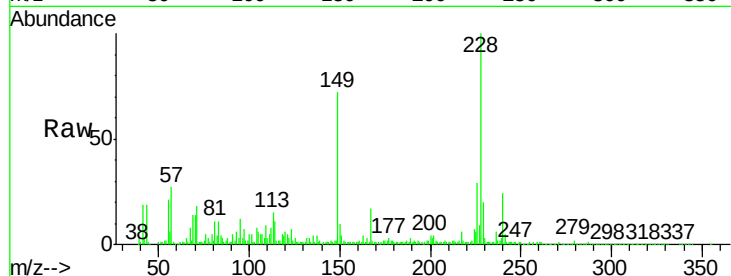
#80
Benzo(a)anthracene
Concen: 43.78 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF089012.D
Acq: 15 Jul 2016 4:20

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS01(0-2in)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.3	33.5
229	20.3	16.0	24.0

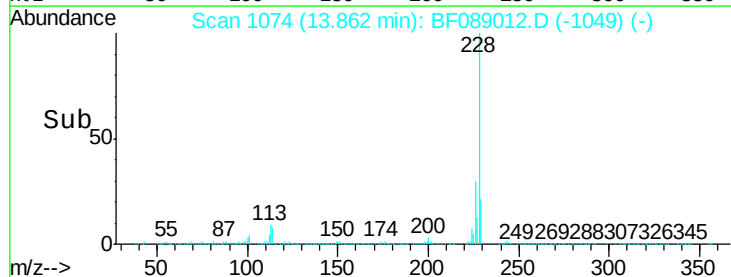
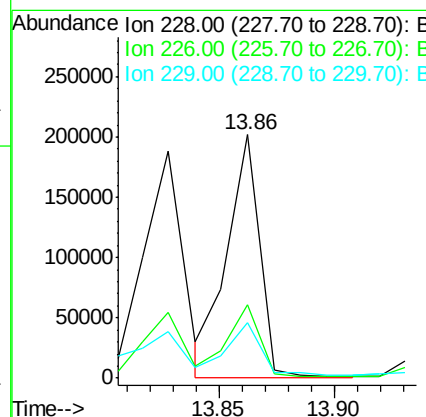
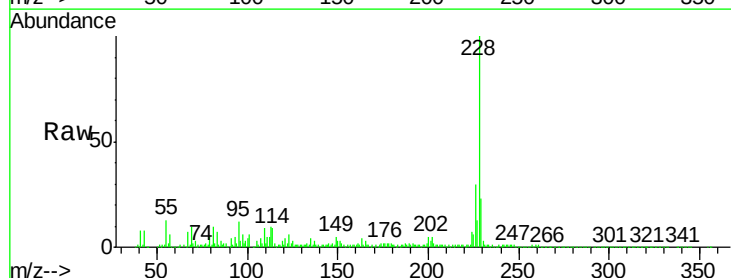
Manual Integrations

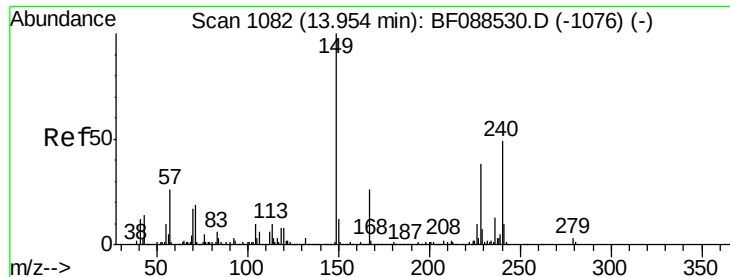
APPROVED
Sohil
7/15/2016 9:16:49 AM



#82
Chrysene
Concen: 38.84 ng m
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF089012.D
Acq: 15 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.4	38.2
229	22.7	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.47 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF089012.D

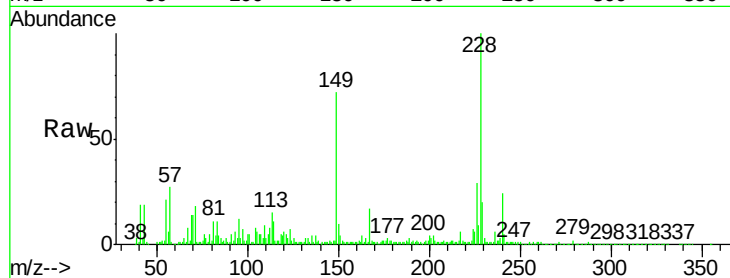
Acq: 15 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS01(0-2in)



Tot Ion:149 Resp: 134992

Ion Ratio Lower Upper

149 100

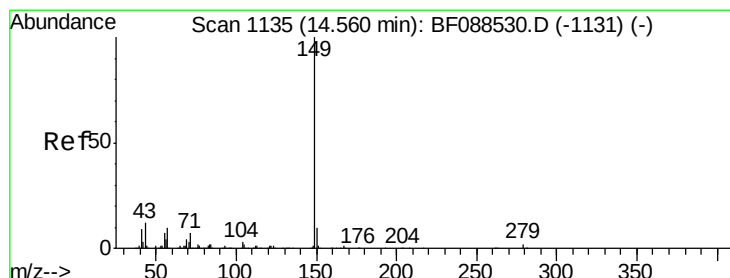
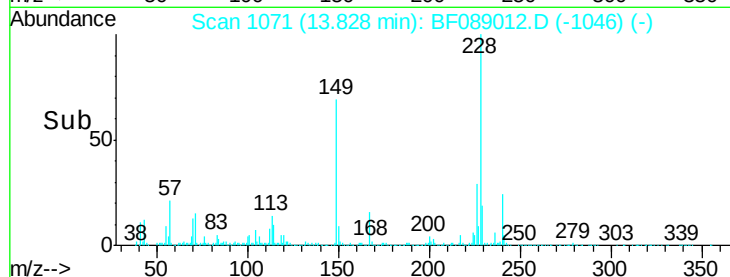
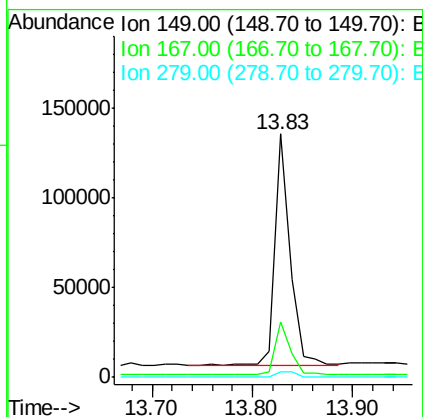
167 23.0 20.5 30.7

279 2.1 2.0 3.0

Manual Integrations

Sohil

7/15/2016 9:16:49 AM



#84

Di-n-octyl phthalate

Concen: 5.26 ng

RT: 14.45 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF089012.D

Acq: 15 Jul 2016 4:20

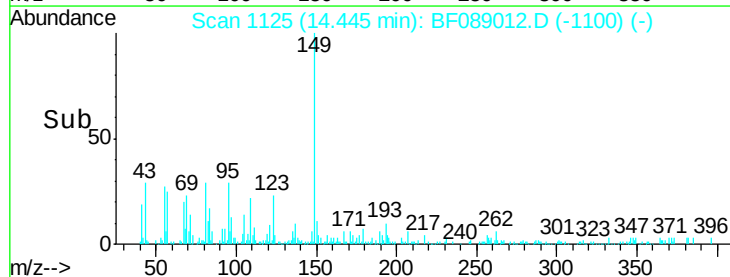
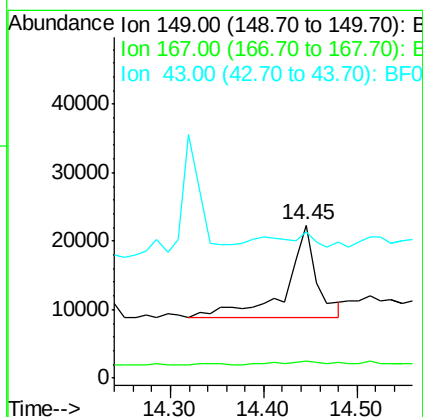
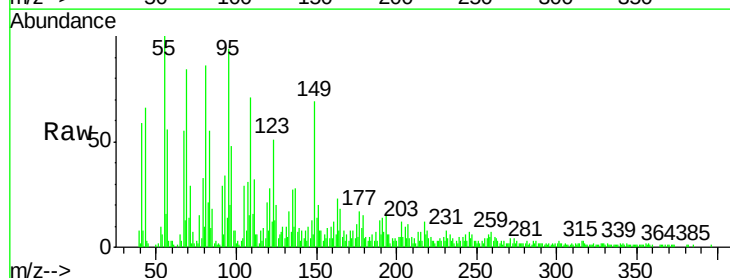
Tgt Ion:149 Resp: 30595

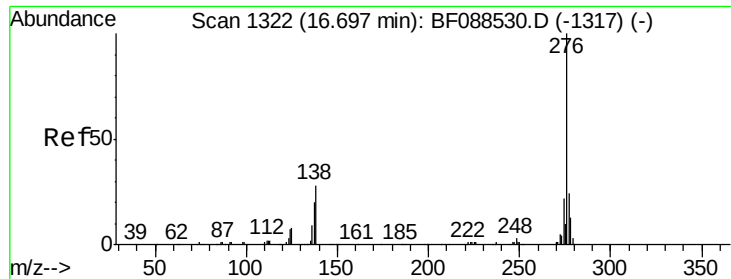
Ion Ratio Lower Upper

149 100

167 6.8 0.0 0.0#

43 0.0 0.0 0.0





#85

Indeno(1,2,3-cd)pyrene

Concen: 22.35 ng

RT: 16.50 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF089012.D

Acq: 15 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS01(0-2in)

Tot Ion:276 Resp: 86798

Ion Ratio Lower Upper

276 100

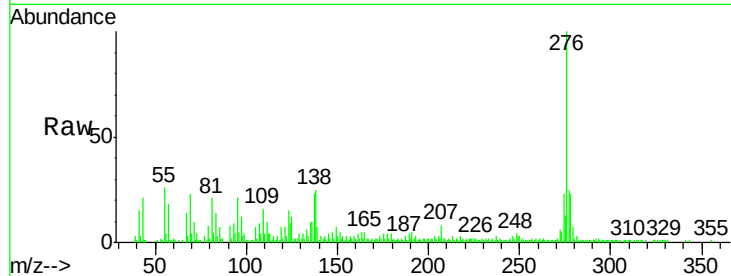
138 26.1 0.0 0.0#

277 24.9 0.0 0.0#

Manual Integrations

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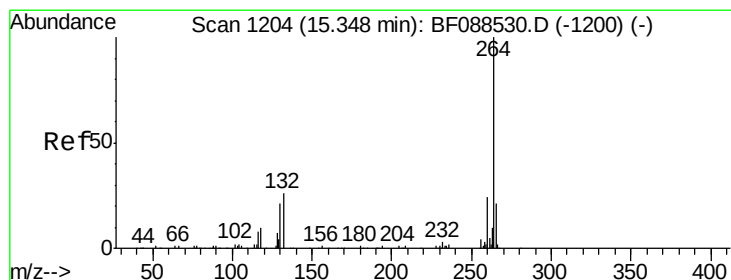
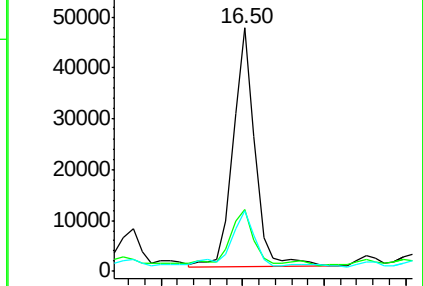
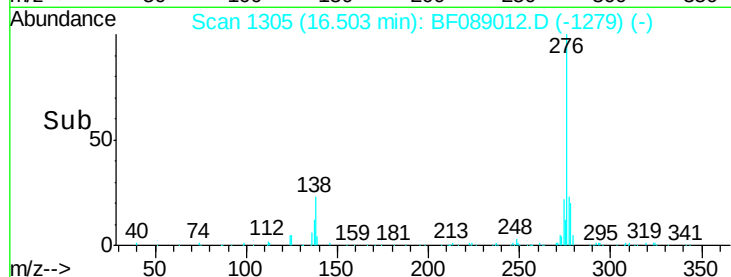
7/15/2016 9:16:49 AM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.21 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF089012.D

Acq: 15 Jul 2016 4:20

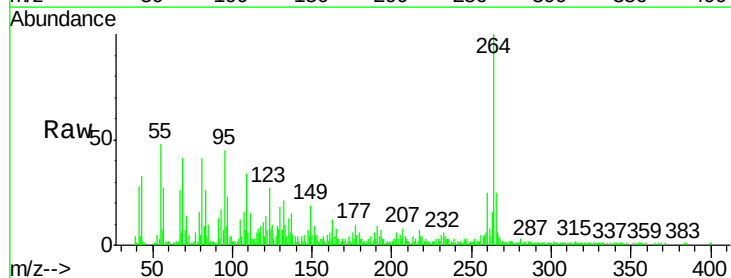
Tgt Ion:264 Resp: 62349

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

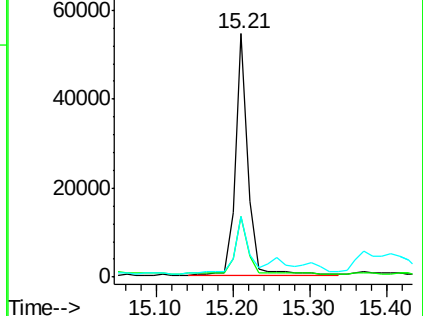
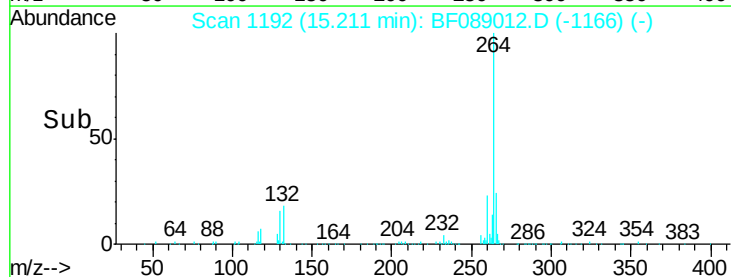
265 24.9 16.9 25.3

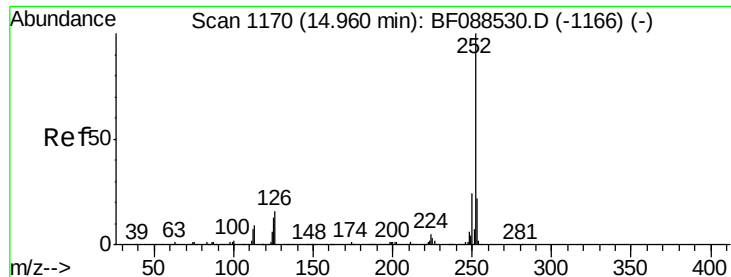


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 52.44 ng m

RT: 14.83 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF089012.D

Acq: 15 Jul 2016 4:20

Instrument :

BNA_F

ClientSampleId :

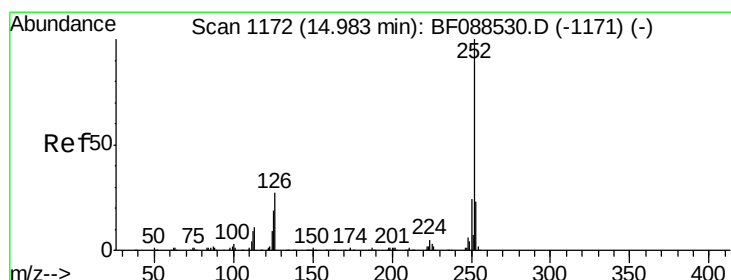
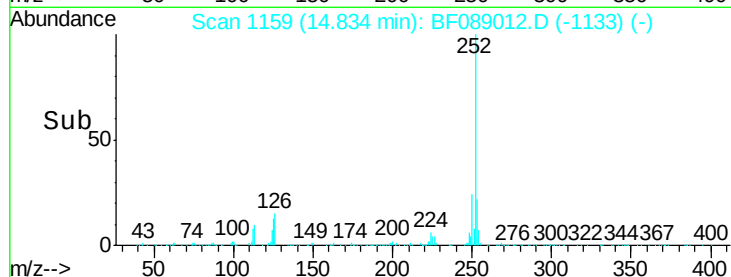
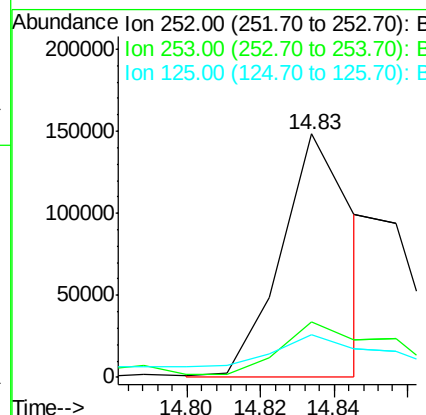
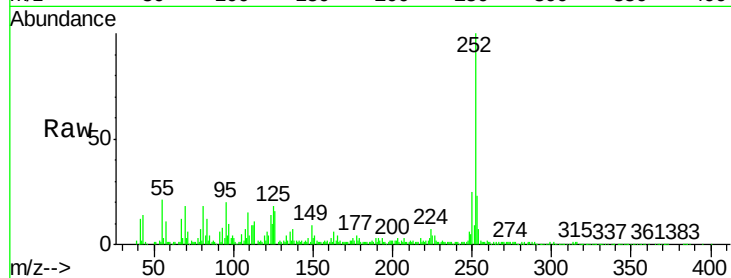
LSS-SS-SS01(0-2in)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	17.6	7.1	10.7

Manual Integrations

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#88

Benzo(k)fluoranthene

Concen: 22.00 ng m

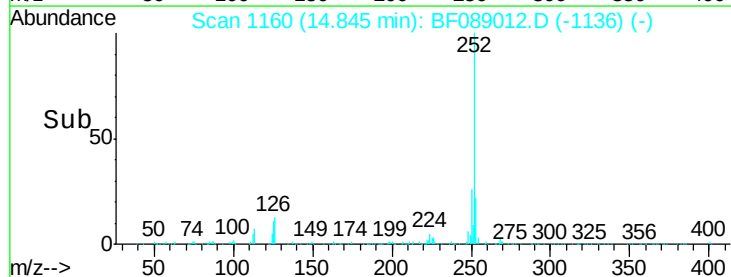
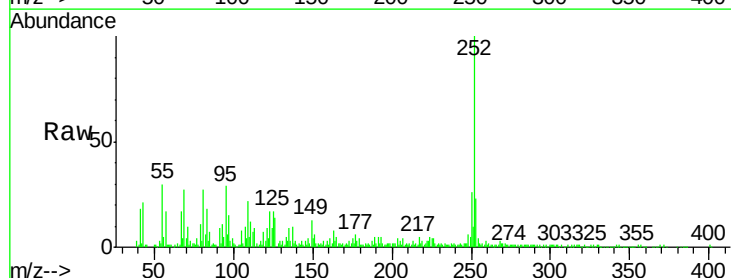
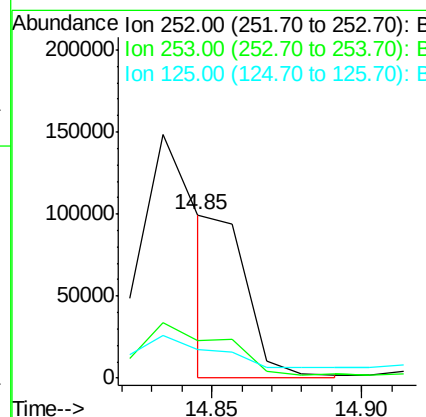
RT: 14.85 min Scan# 1160

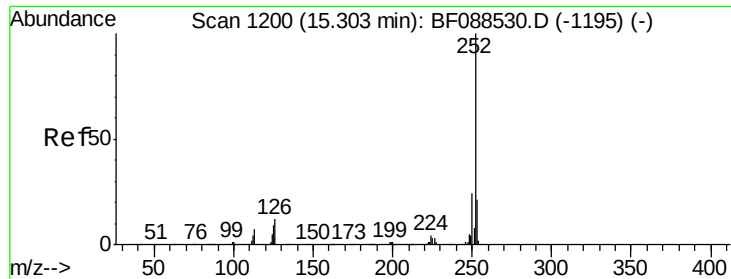
Delta R.T. -0.02 min

Lab File: BF089012.D

Acq: 15 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	17.2	11.2	16.8





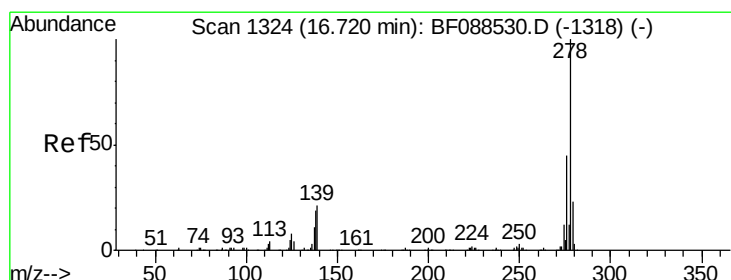
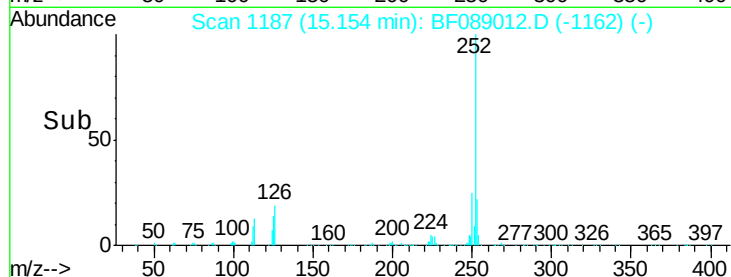
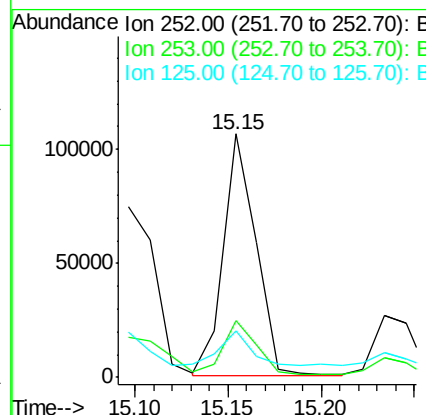
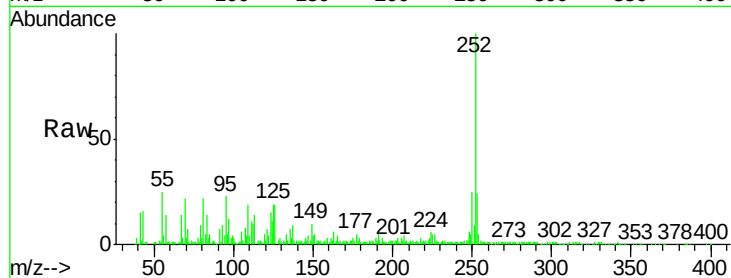
#89
Benzo(a)pyrene
Concen: 38.95 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF089012.D
Acq: 15 Jul 2016 4:20

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS01(0-2in)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	19.2	12.5	18.7

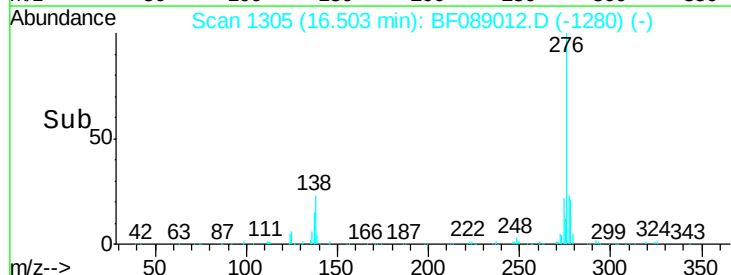
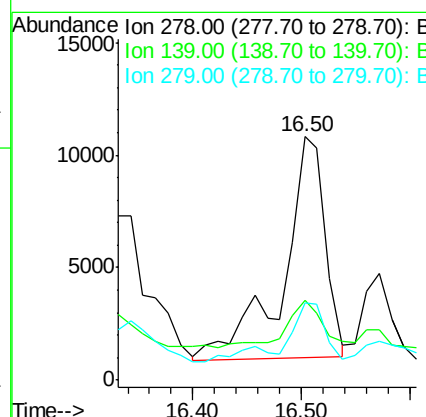
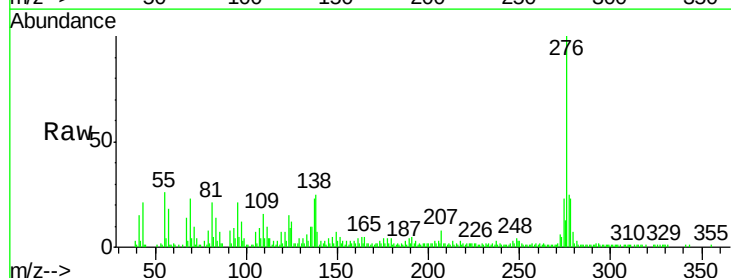
Manual Integrations

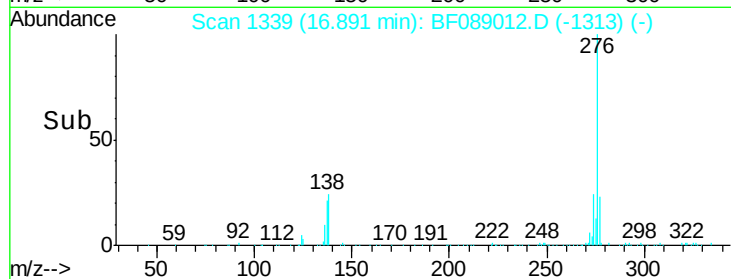
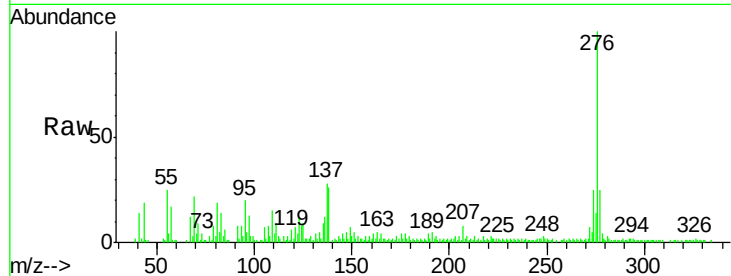
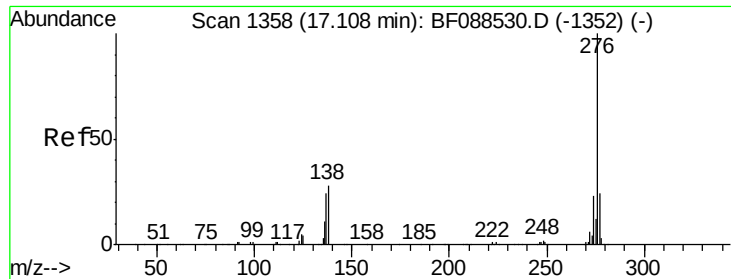
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#90
Dibenzo(a,h)anthracene
Concen: 9.60 ng
RT: 16.50 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF089012.D
Acq: 15 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.6	15.7	23.5
279	31.7	19.4	29.2





#91

Benzo(a,h,i)perylene

Concen: 29.16 ng

RT: 16.89 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF089012.D

Acq: 15 Jul 2016 4:20

Tot Ion:	276	Resp:	83435
Ion Ratio	Lower	Upper	
276	100		
277	25.1	18.9	28.3
138	26.3	21.4	32.2

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS01(0-2in)

Manual Integrations

APPROVED

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7/15/2016 9:16:49 AM

