

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
 Data File : BF088922.D
 Acq On : 12 Jul 2016 14:27
 Operator : UM/SJ
 Sample : H3921-24
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N8-B5(0-8)C

Manual Integrations

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 7/13/2016 9:25:31 AM

Quant Time: Jul 12 16:13:04 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	6.70	152	62536	20.00	ng	-0.01
21) Naphthalene-d8	7.99	136	273176	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	122958	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	195476	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	122169	20.00	ng	-0.01
86) Perylene-d12	15.21	264	129901	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	399723	95.80	ng	0.00
7) Phenol-d6	6.34	99	555436	103.02	ng	-0.01
23) Nitrobenzene-d5	7.27	82	341131	65.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	114728	100.48	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	602099	77.35	ng	0.00
78) Terphenyl-d14	12.80	244	403656	73.59	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.24	77	8169	2.24	ng	87
49) Dimethylphthalate	9.46	163	101338	11.57	ng	98
74) Fluoranthene	12.41	202	29818	2.75	ng	95
77) Pyrene	12.64	202	27332	2.64	ng	98
83) Bis(2-ethylhexyl)phthalate	13.84	149	13418	2.54	ng	# 99
87) Benzo(b)fluoranthene	14.82	252	20013m	2.46	ng	
91) Benzo(g,h,i)perylene	16.87	276	11947	2.00	ng	92

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

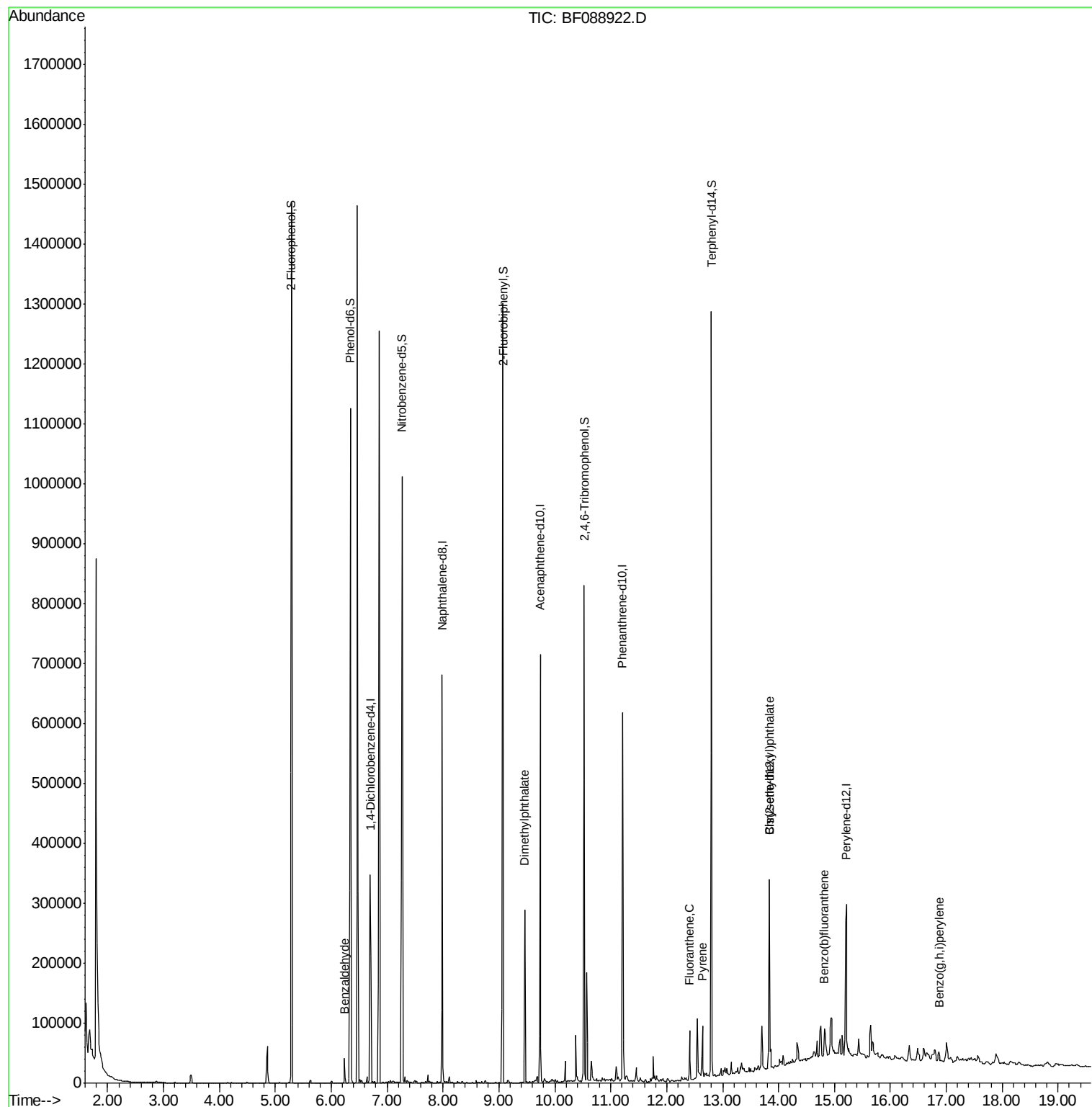
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
Data File : BF088922.D
Acq On : 12 Jul 2016 14:27
Operator : UM/SJ
Sample : H3921-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N8-B5(0-8)C

Manual Integrations

Quant Time: Jul 12 16:13:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
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Response via : Initial Calibration

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#1

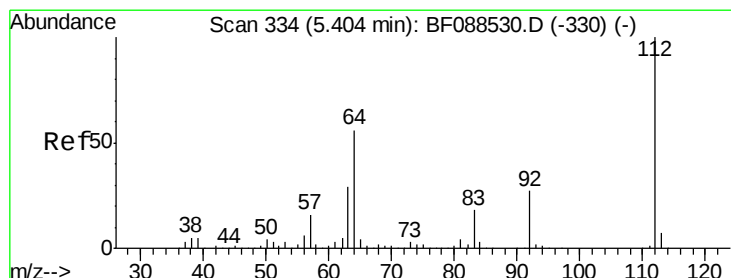
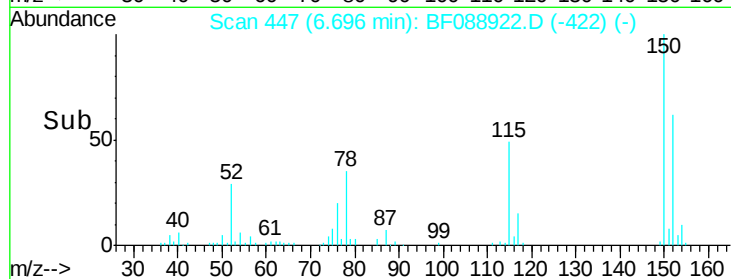
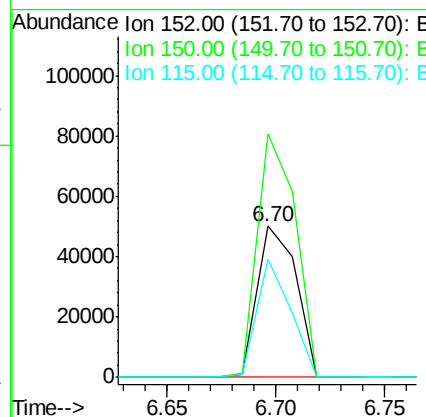
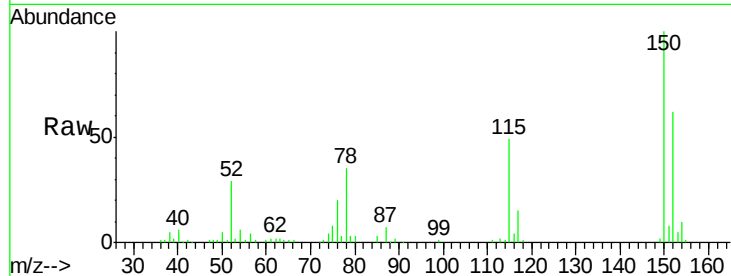
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 14:27

Instrument :
BNA_F
ClientSampled :
N8-B5(0-8)C

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	123.8	185.6
115	78.4	39.6	59.4

Manual Integrations

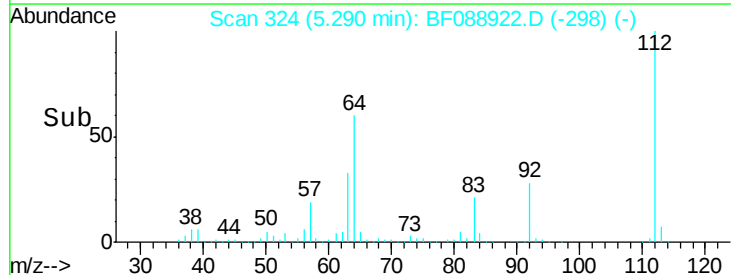
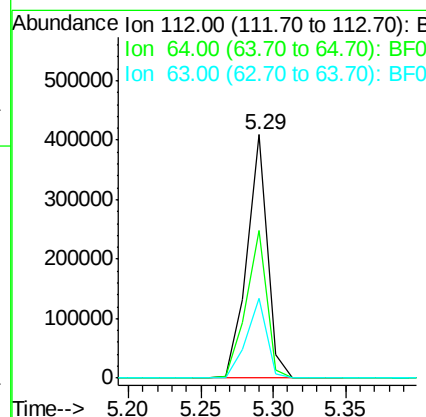
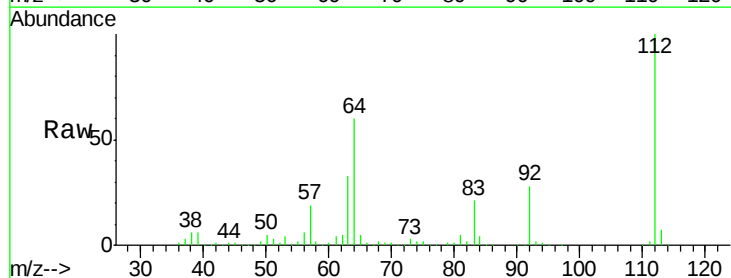
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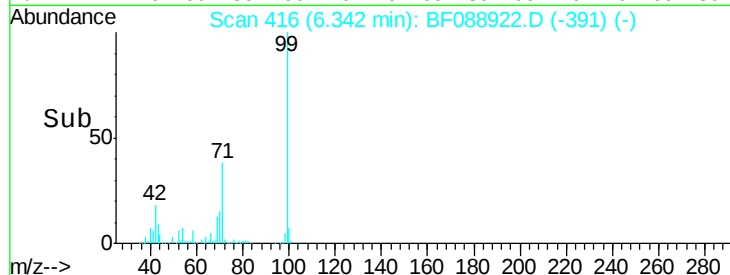
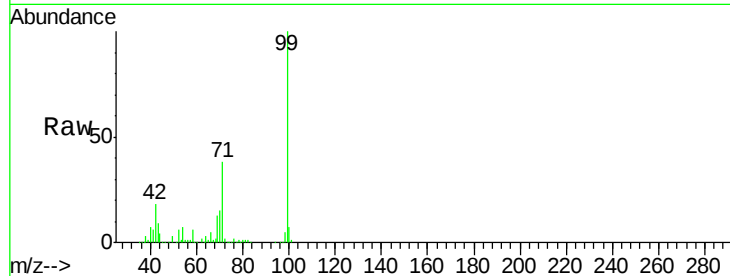


#5

2-Fluorophenol
Concen: 95.80 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.00 min
Lab File: BF088922.D
Acq: 12 Jul 2016 14:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	42.2	63.2
63	32.6	21.8	32.8





#7

Phenol-d6

Concen: 103.02 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 14:27

Tot Ion:	99	Resp:	555436
Ion	Ratio	Lower	Upper
99	100		
42	18.4	12.2	18.2#
71	37.6	23.4	35.0#

Instrument :

BNA_F

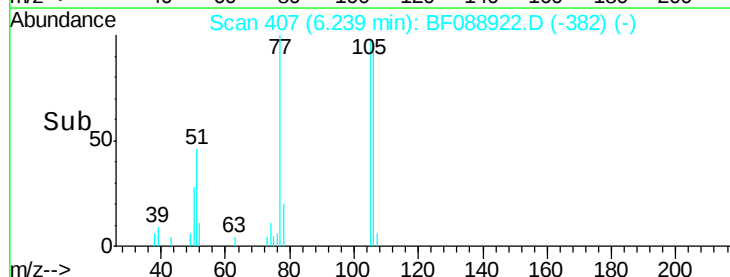
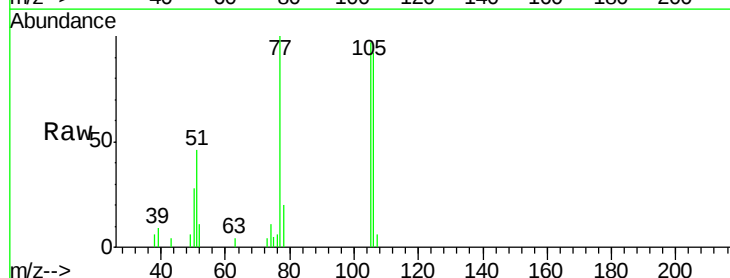
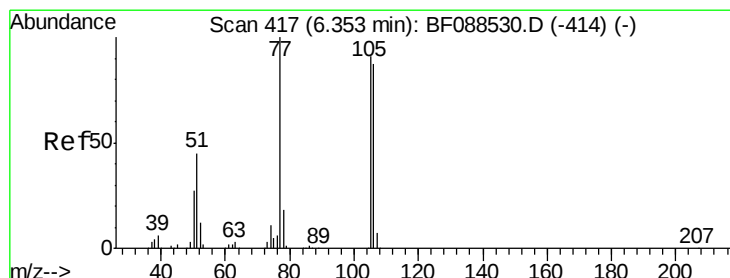
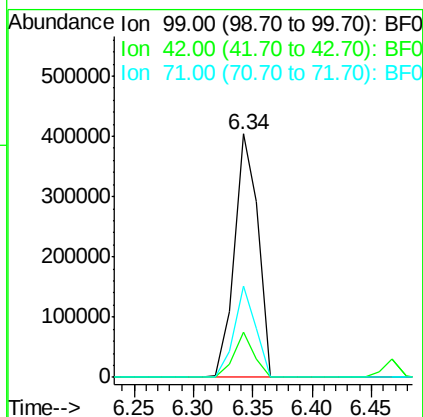
ClientSampleId :

N8-B5(0-8)C

Manual Integrations

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#9

Benzaldehyde

Concen: 2.24 ng

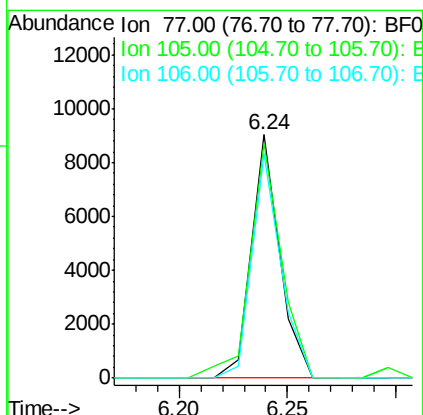
RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 14:27

Tgt Ion:	77	Resp:	8169
Ion	Ratio	Lower	Upper
77	100		
105	96.6	90.6	130.6
106	92.1	85.3	125.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 14:27

Instrument :

BNA_F

ClientSampleId :

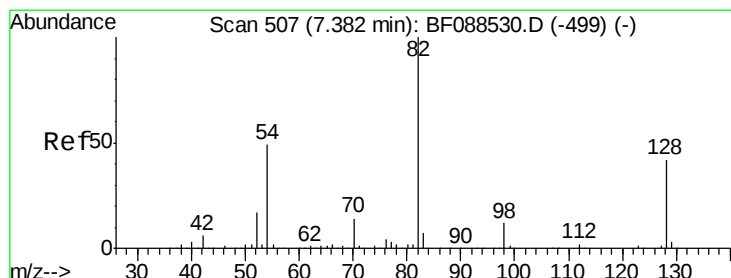
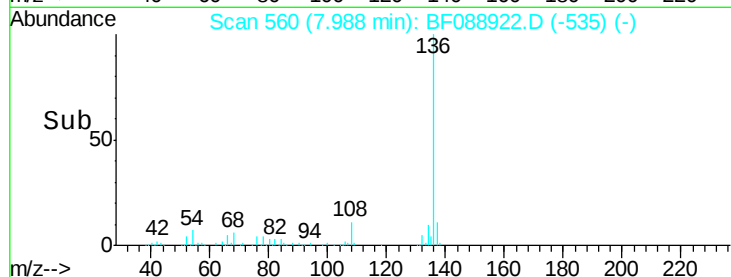
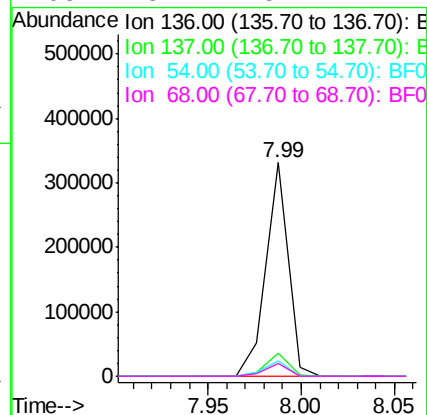
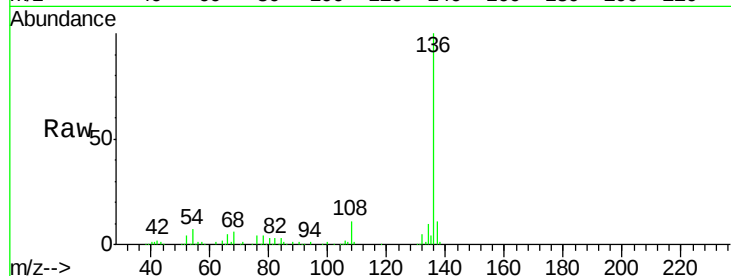
N8-B5(0-8)C

Tot Ion	136	Resp	273176
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.1	13.7
54	7.0	6.6	10.0
68	5.7	5.1	7.7

Manual Integrations

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#23

Nitrobenzene-d5

Concen: 65.44 ng

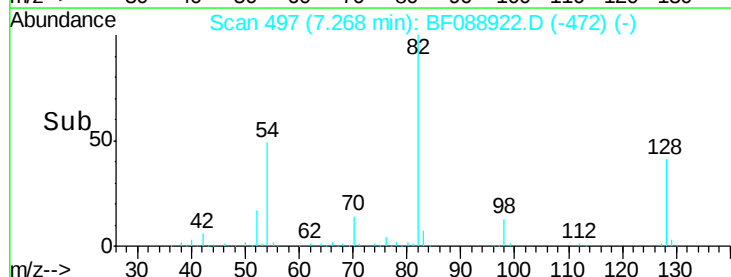
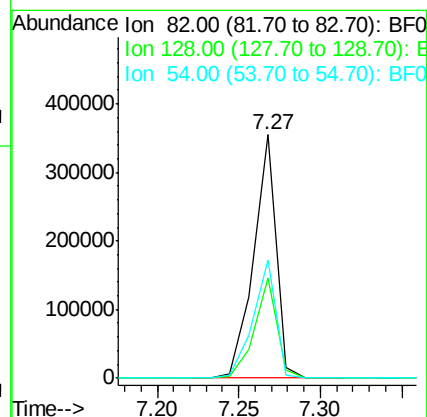
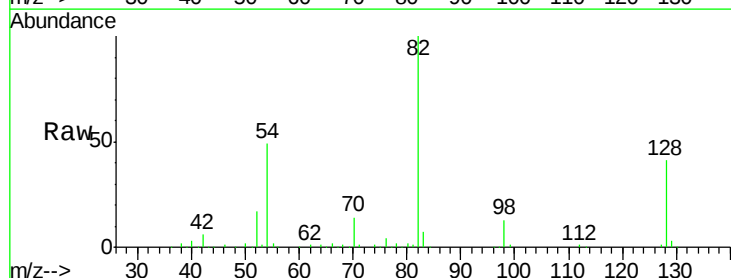
RT: 7.27 min Scan# 497

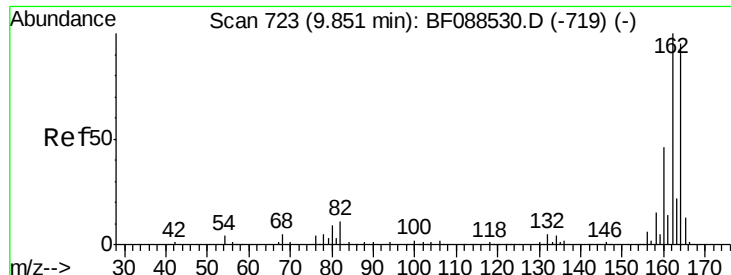
Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 14:27

Tgt Ion	82	Resp	341131
Ion Ratio	Lower	Upper	
82	100		
128	41.2	35.9	53.9
54	48.7	40.9	61.3





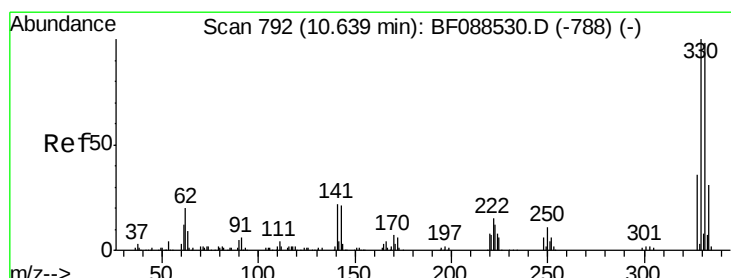
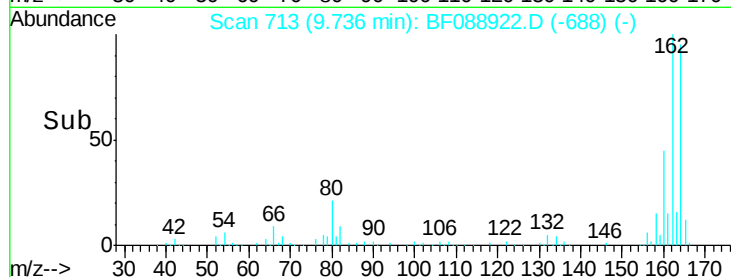
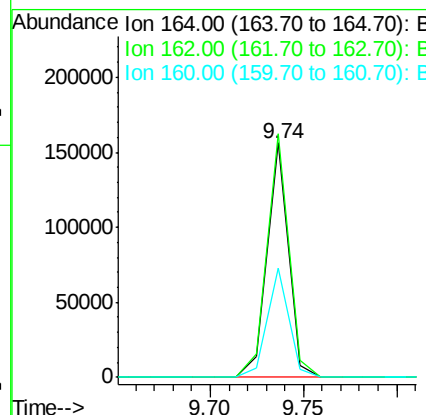
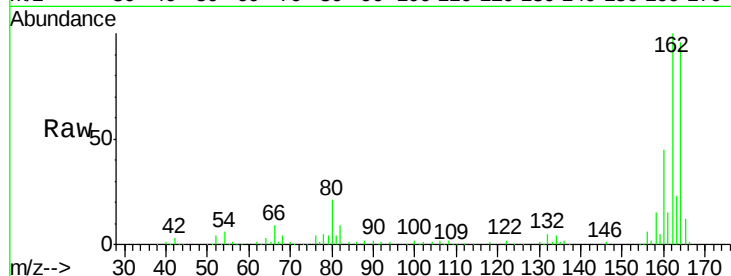
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 14:27

Instrument :
BNA_F
ClientSampleId :
N8-B5(0-8)C

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.4	128.2
160	46.8	39.5	59.3

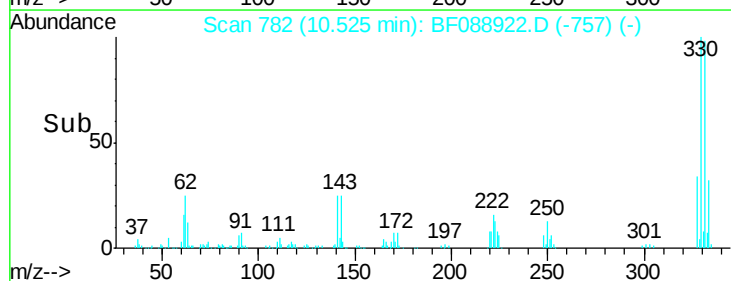
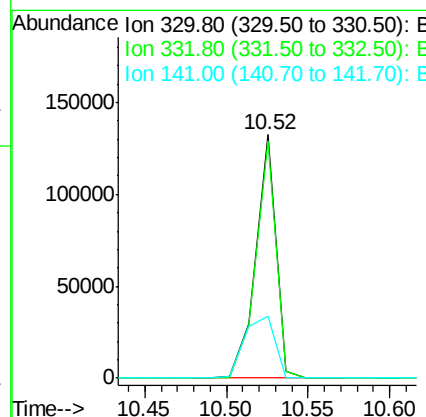
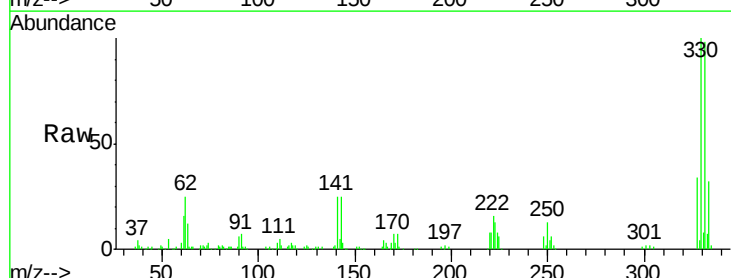
Manual Integrations

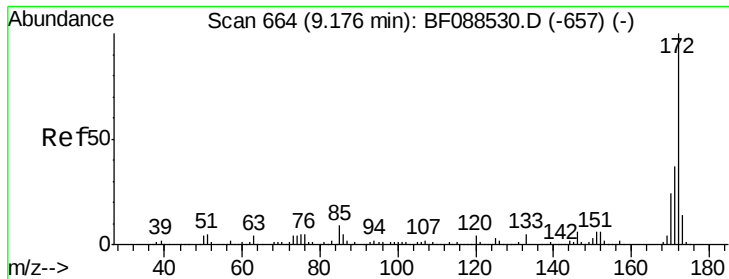
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#41
2,4,6-Tribromophenol
Concen: 100.48 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 14:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	38.0	0.0	0.0#





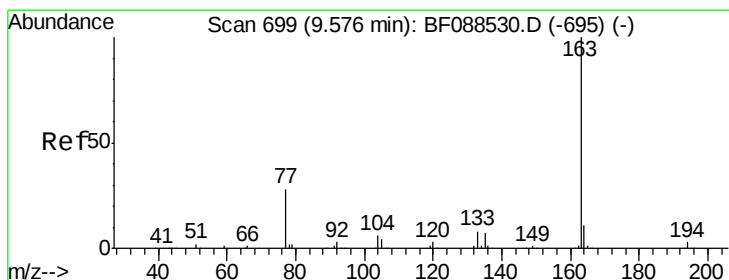
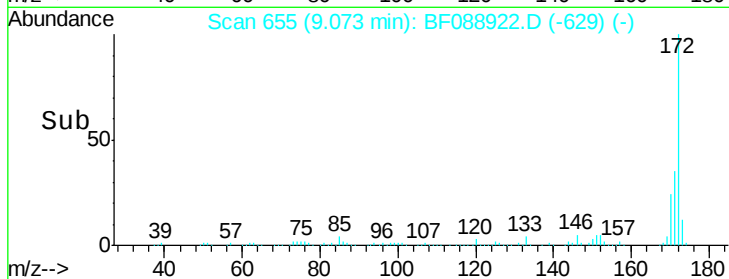
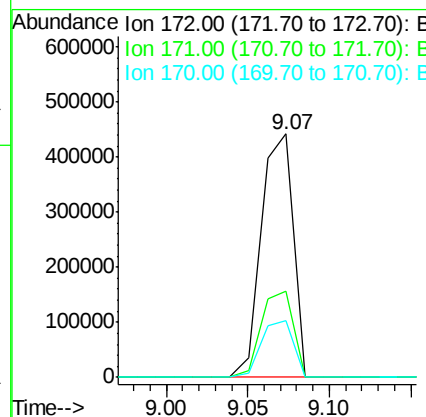
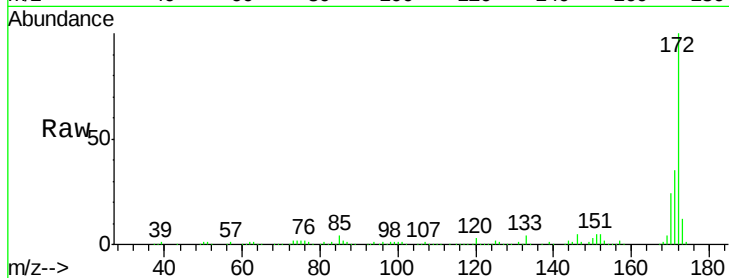
#44
2-Fluorobiphenyl
Concen: 77.35 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF088922.D
Acq: 12 Jul 2016 14:27

Instrument :
BNA_F
ClientSampleId :
N8-B5(0-8)C

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.5	19.2	28.8

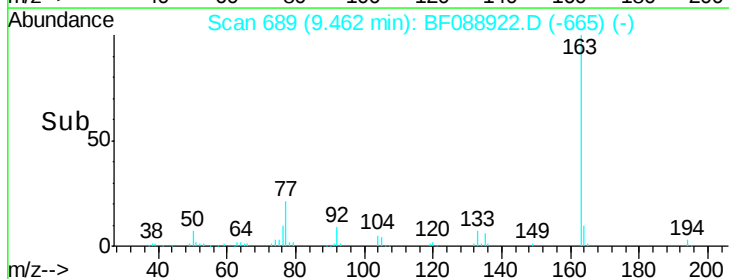
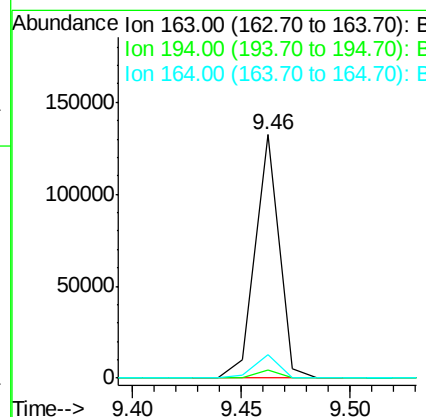
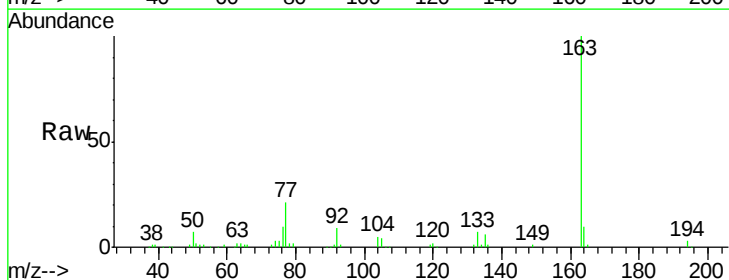
Manual Integrations

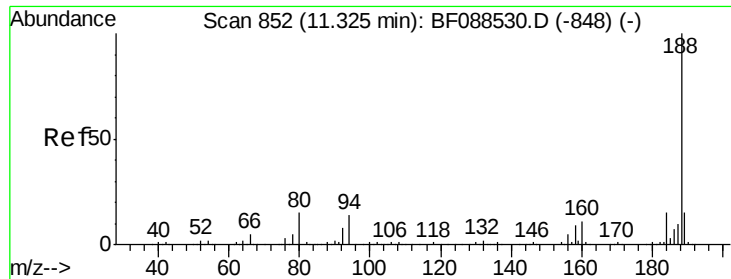
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#49
Dimethylphthalate
Concen: 11.57 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF088922.D
Acq: 12 Jul 2016 14:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	9.7	8.3	12.5





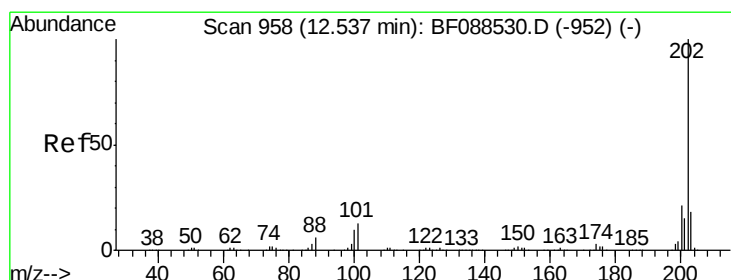
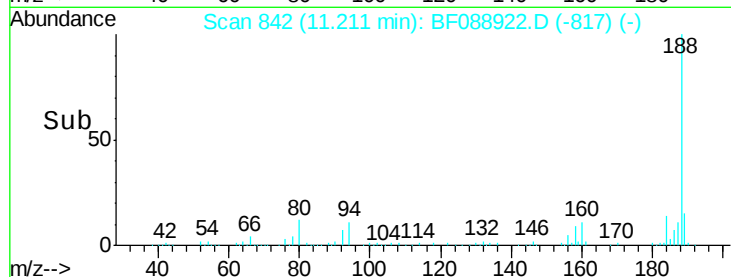
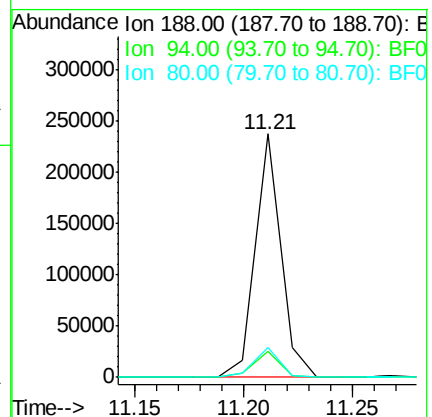
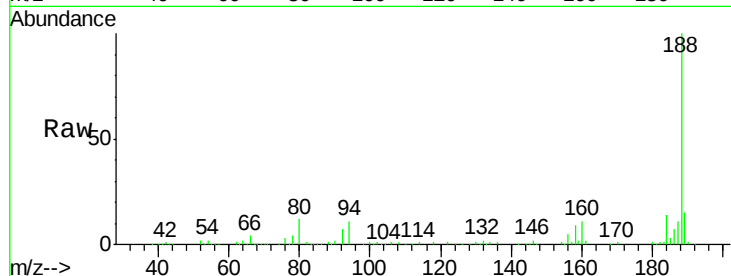
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 14:27

Instrument :
BNA_F
ClientSampleId :
N8-B5(0-8)C

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.0	13.6
80	12.3	10.0	15.0

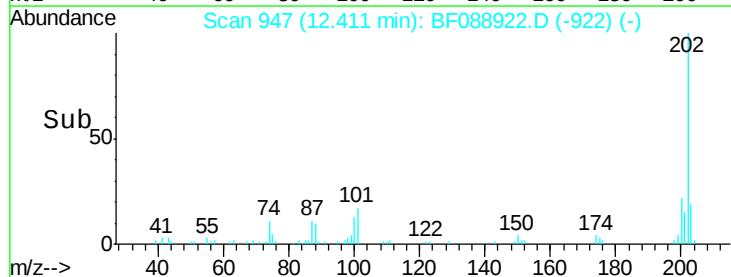
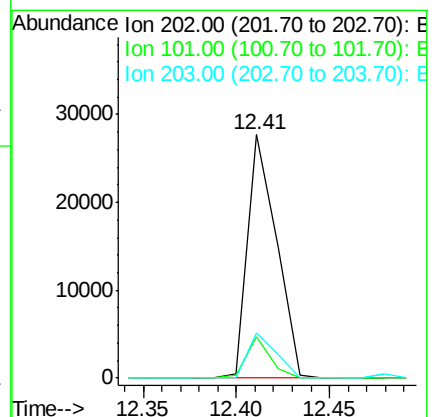
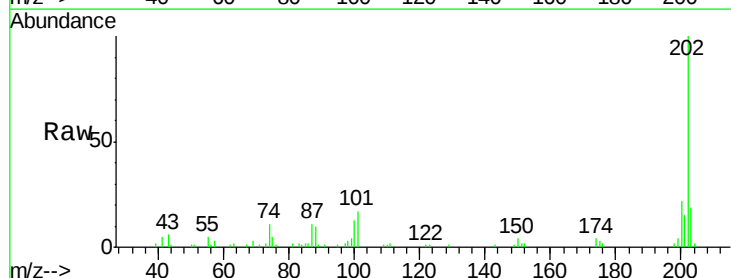
Manual Integrations

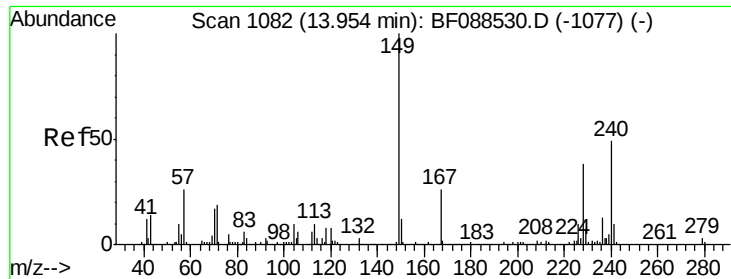
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#74
Fluoranthene
Concen: 2.75 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 14:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.2	0.0	33.1
203	18.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 14:27

Instrument :

BNA_F

ClientSampled :

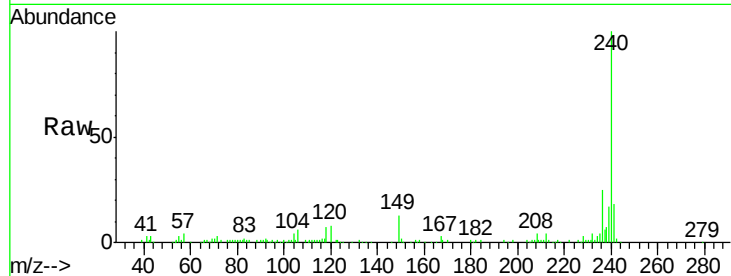
N8-B5(0-8)C

Tot Ion:	240	Resp:	122169
Ion Ratio	Lower	Upper	
240	100		
120	7.6	6.8	10.2
236	25.0	20.2	30.2

Manual Integrations

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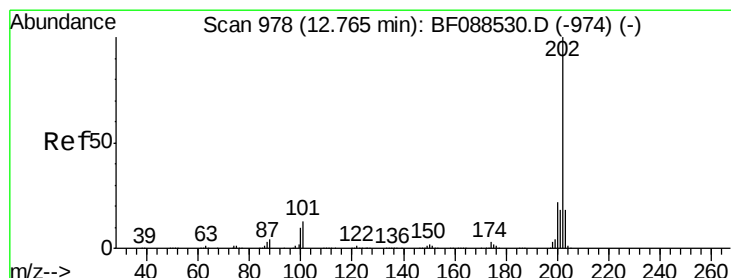
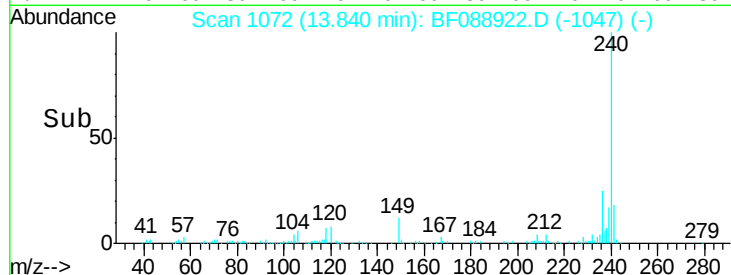
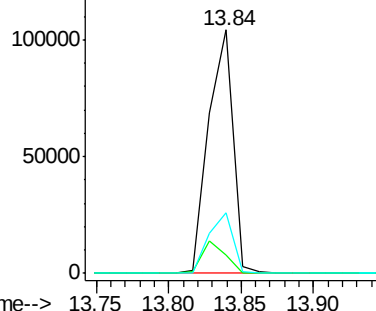
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.64 ng

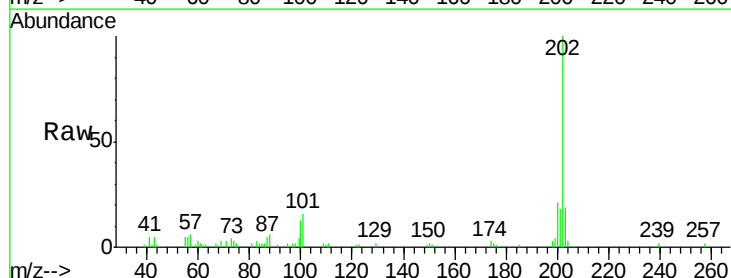
RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF088922.D

Acq: 12 Jul 2016 14:27

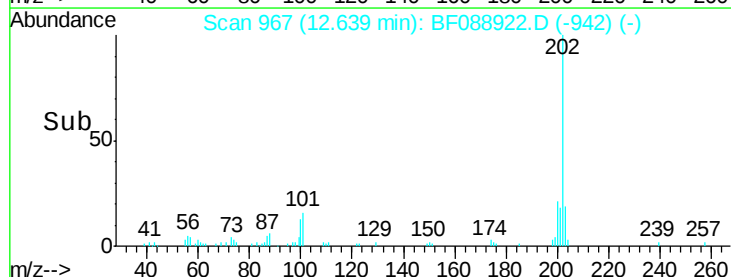
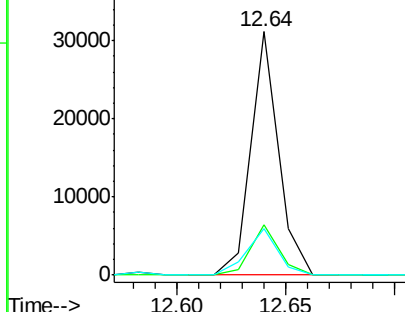
Tgt Ion:	202	Resp:	27332
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.4	26.2
203	18.9	14.5	21.7



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





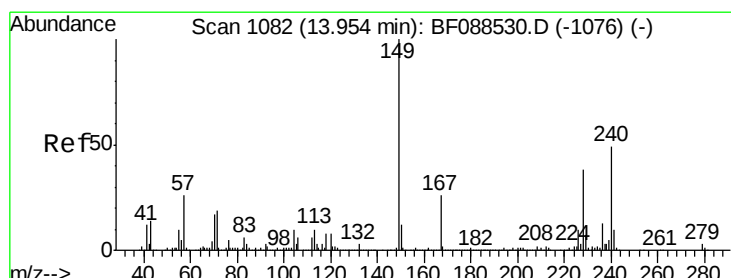
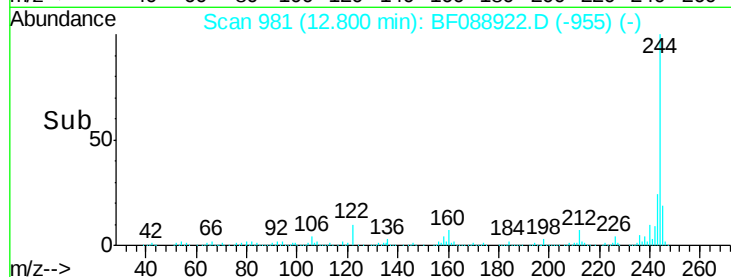
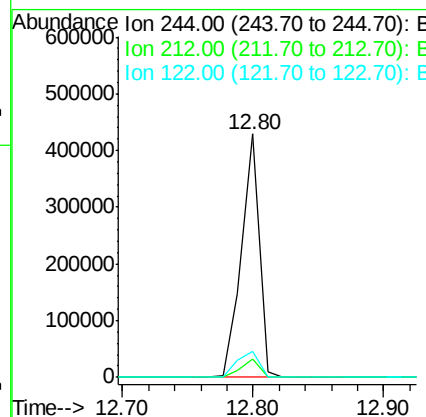
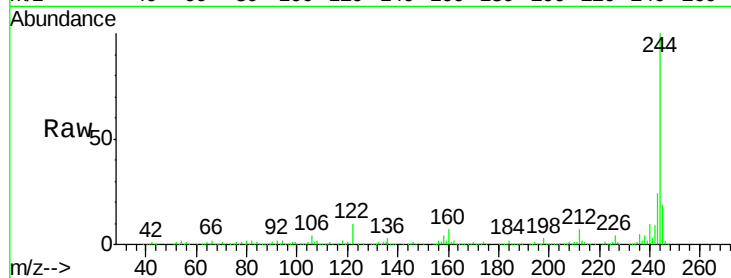
#78
 Terphenyl-d14
 Concen: 73.59 ng
 RT: 12.80 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 N8-B5(0-8)C

Tot Ion:244 Resp: 403656
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.4 11.2 16.8#

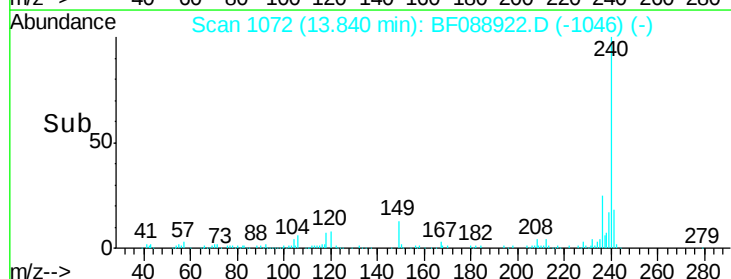
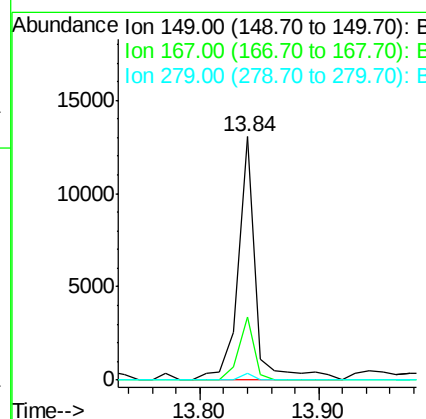
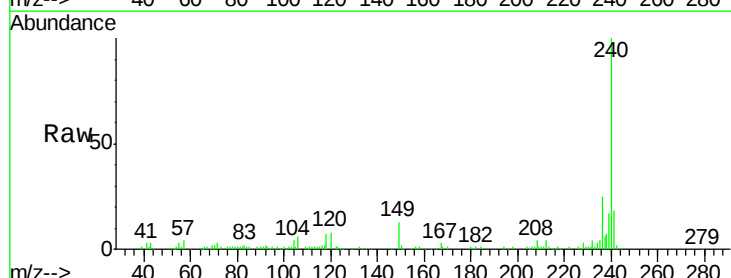
Manual Integrations

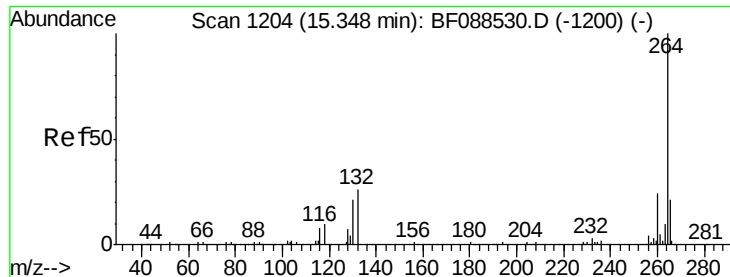
SOHIL
 7/13/2016 9:25:31 AM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.54 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 14:27

Tgt Ion:149 Resp: 13418
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.5 30.7
 279 3.1 2.0 3.0#





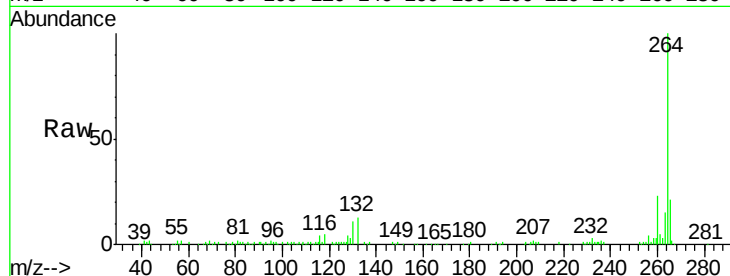
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF088922.D
Acq: 12 Jul 2016 14:27

Instrument :
BNA_F
ClientSampled :
N8-B5(0-8)C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.7	16.9	25.3

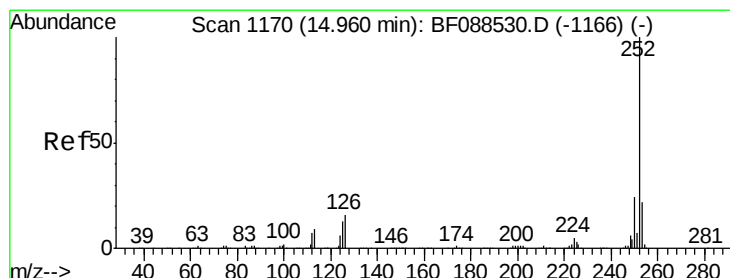
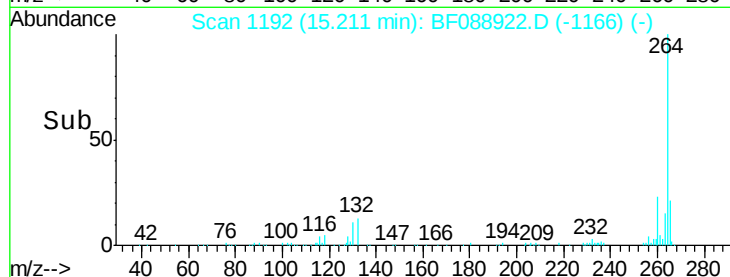
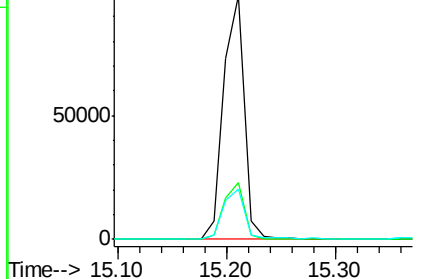
Manual Integrations

SOHIL
7/13/2016 9:25:31 AM



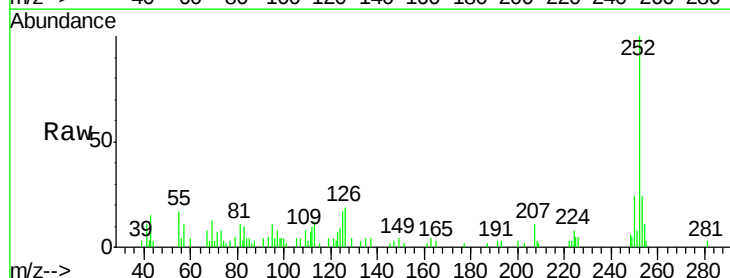
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

15.21



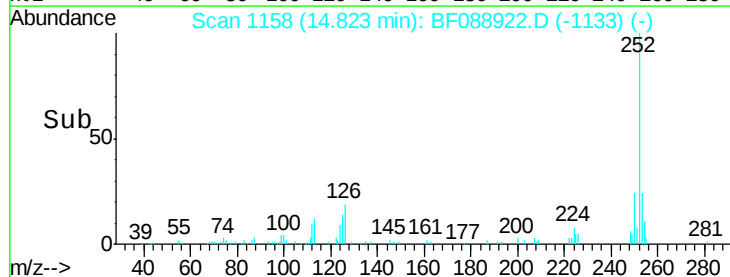
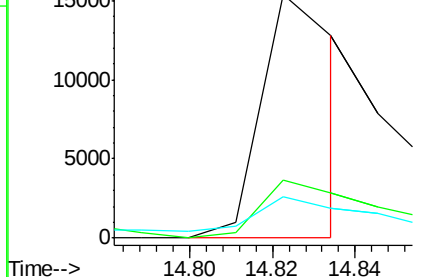
#87
Benzo(b)fluoranthene
Concen: 2.46 ng m
RT: 14.82 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 14:27

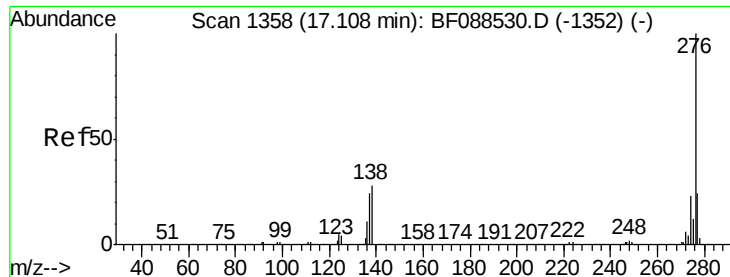
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	17.1	7.1	10.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

14.82





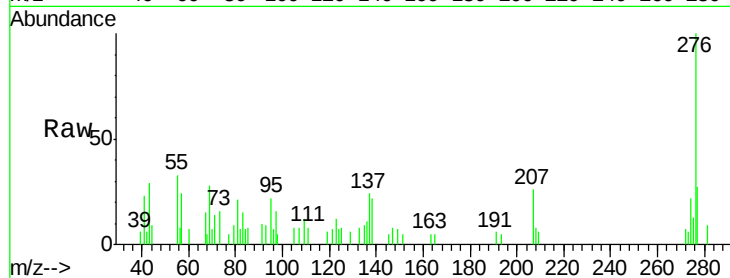
#91
 Benzo(a,h,i)perylene
 Concen: 2.00 ng
 RT: 16.87 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: BF088922.D
 Acq: 12 Jul 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 N8-B5(0-8)C

Tot Ion:	276	Resp:	11947
Ion Ratio	Lower	Upper	
276	100		
277	26.8	18.9	28.3
138	22.2	21.4	32.2

Manual Integrations

APPROVED
 SOHIL
 7/13/2016 9:25:31 AM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

