

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097941.D
 Acq On : 22 Aug 2017 8:29
 Operator : SJ/JU
 Sample : I4872-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

Manual Integrations
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Sohil
 8/22/2017 5:45:36 PM

Quant Time: Aug 22 12:12:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	111402	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	391137	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	143836	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	254932	20.00	ng	0.00
75) Chrysene-d12	13.90	240	223434	20.00	ng	0.00
86) Perylene-d12	15.32	264	148582	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	611849	83.54	ng	0.00
7) Phenol-d6	6.38	99	795351	79.93	ng	0.00
23) Nitrobenzene-d5	7.31	82	446431	62.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	95963	76.89	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	581011	59.35	ng	0.00
78) Terphenyl-d14	12.85	244	436146	40.71	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.50	163	77569	7.378	ng	97
74) Fluoranthene	12.47	202	70964	5.005	ng	97
77) Pyrene	12.70	202	71924	3.936	ng	99
80) Benzo(a)anthracene	13.89	228	35227m	2.631	ng	
82) Chrysene	13.92	228	31463	2.362	ng	97
83) Bis(2-ethylhexyl)phthalate	13.89	149	17842	2.298	ng	# 96
87) Benzo(b)fluoranthene	14.91	252	34457m	3.679	ng	
89) Benzo(a)pyrene	15.26	252	24787	2.990	ng	95
91) Benzo(g,h,i)perylene	17.10	276	14411	2.046	ng	98

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

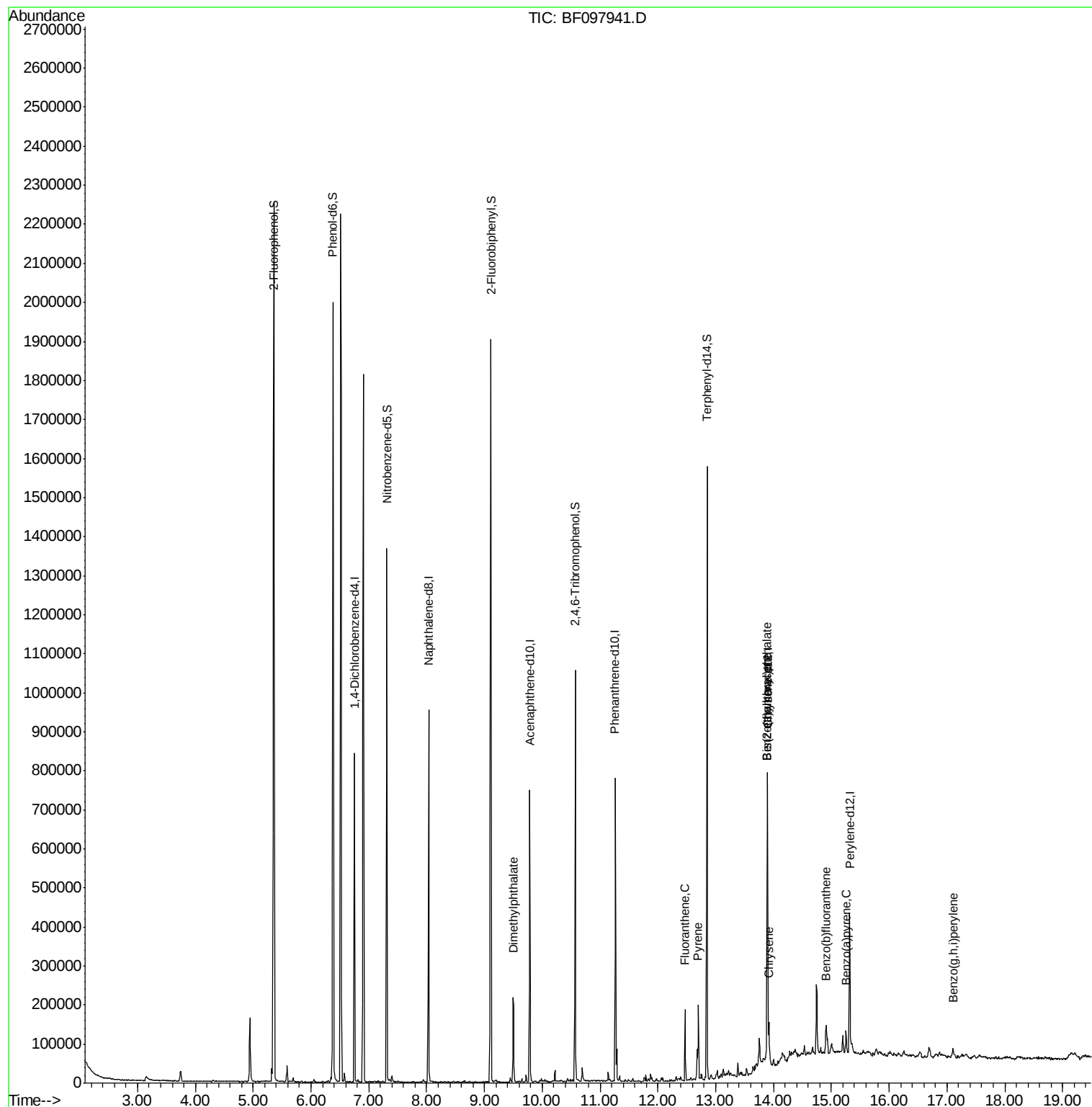
Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097941.D
Acq On : 22 Aug 2017 8:29
Operator : SJ/JU
Sample : I4872-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

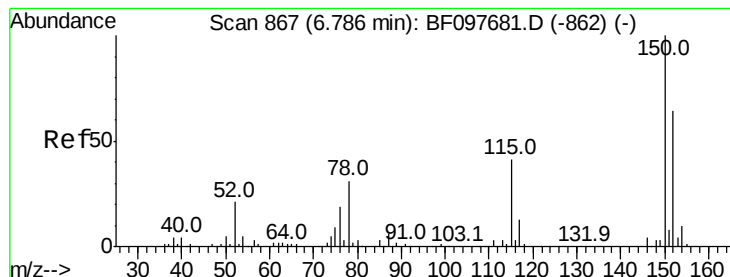
Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

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Quant Time: Aug 22 12:12:50 2017
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Response via : Initial Calibration





#1

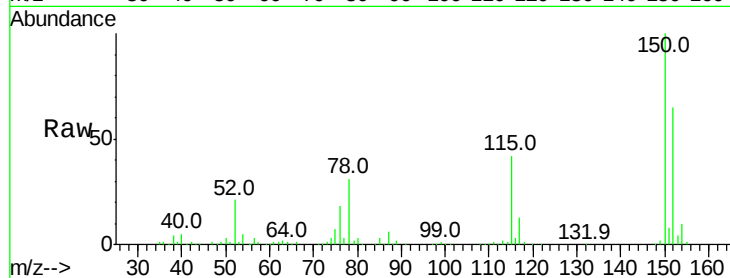
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097941.D
Acq: 22 Aug 2017 8:29

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.2	189.2
115	64.3	52.2	78.2

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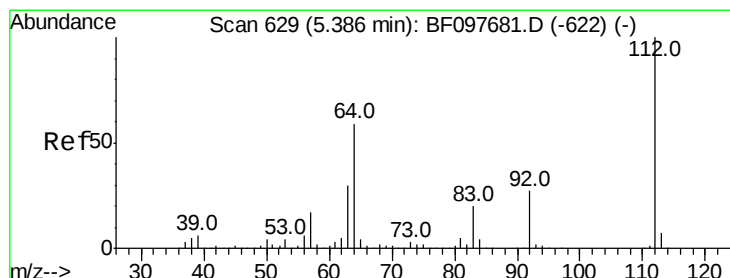
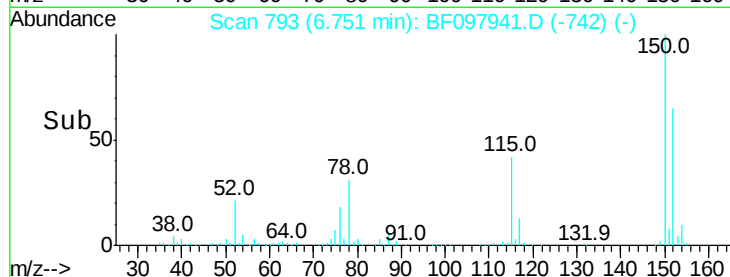
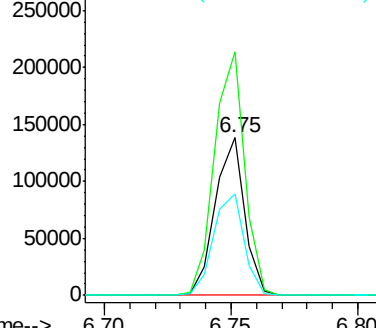


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

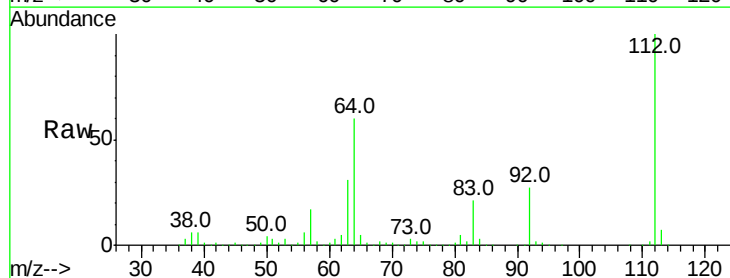
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 83.541 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF097941.D
Acq: 22 Aug 2017 8:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	46.0	69.0
63	30.6	23.4	35.0

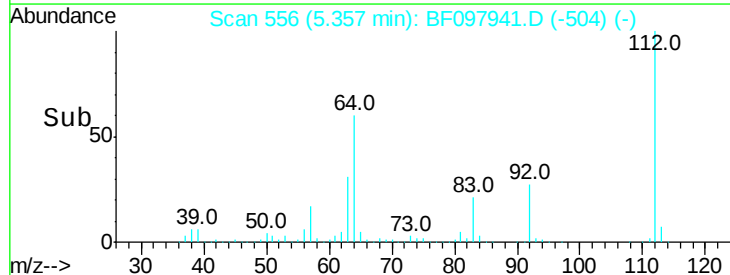
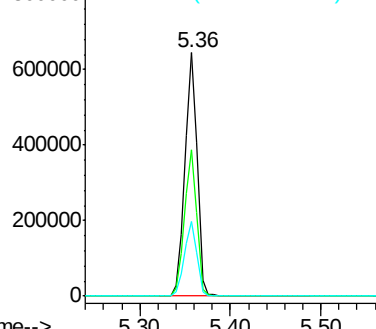


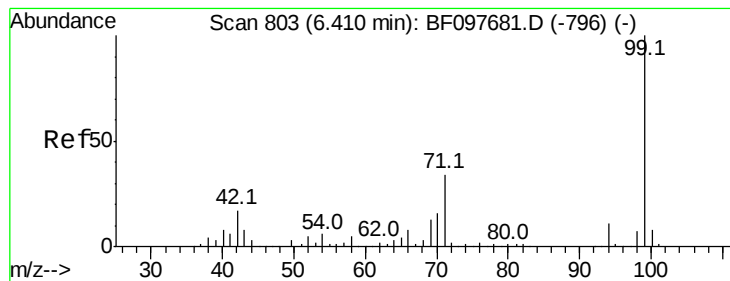
Abundance

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: 79.926 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097941.D

Acq: 22 Aug 2017 8:29

Instrument :

BNA_F

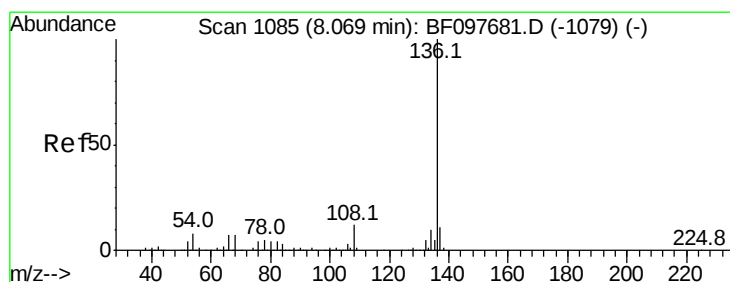
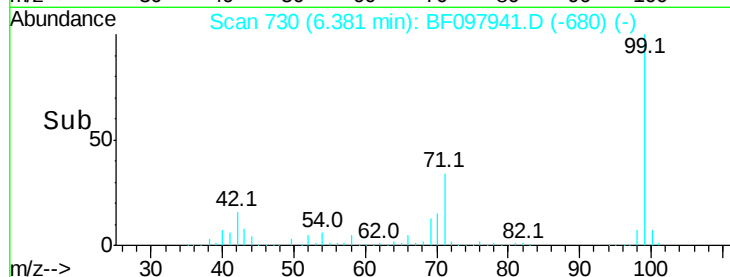
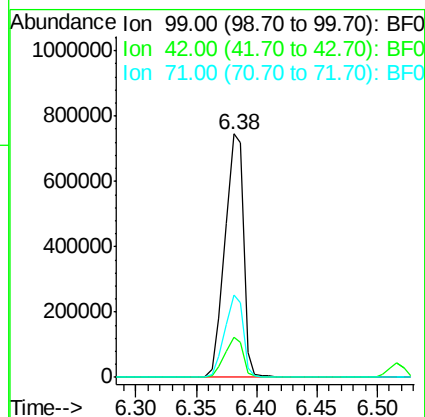
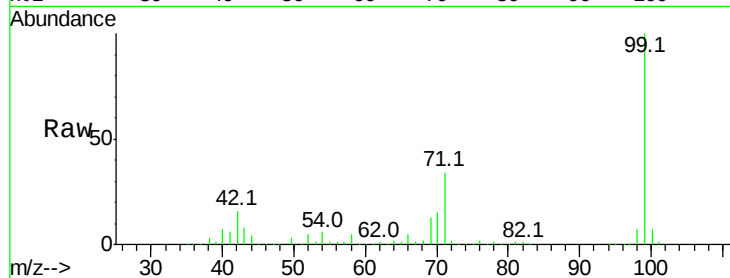
ClientSampleId :

SB-13-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		795351		
42	16.4	13.5	20.3		
71	33.8	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

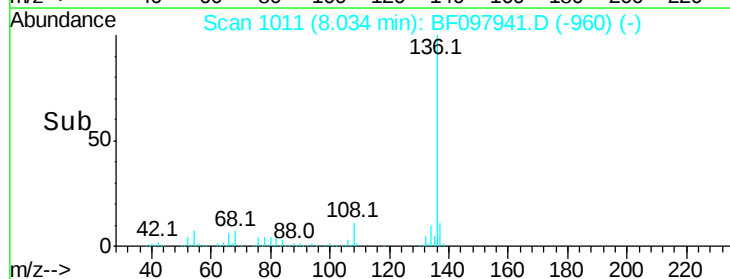
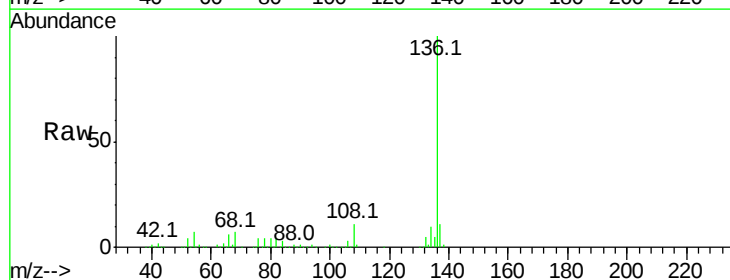
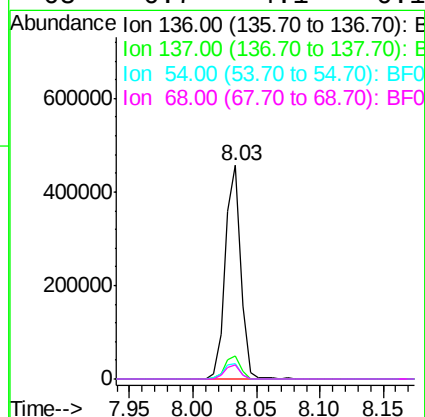
RT: 8.03 min Scan# 1011

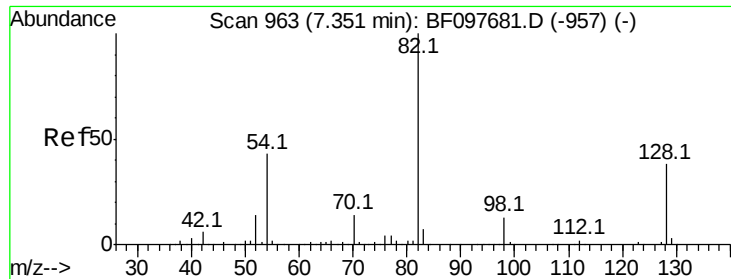
Delta R.T. 0.00 min

Lab File: BF097941.D

Acq: 22 Aug 2017 8:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		391137		
137	10.8	8.5	12.7		
54	7.3	4.9	7.3		
68	6.7	4.1	6.1#		





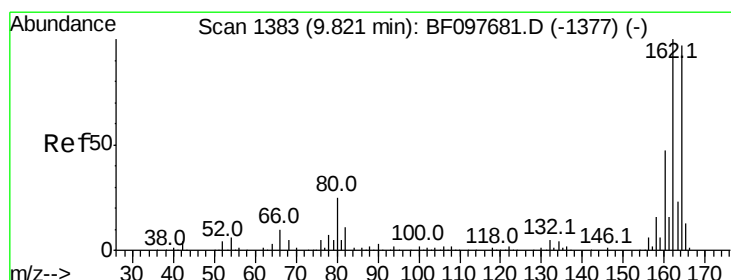
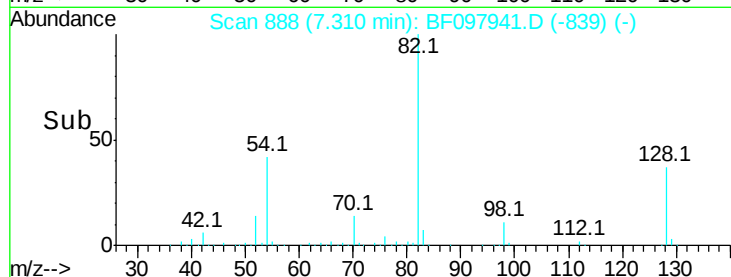
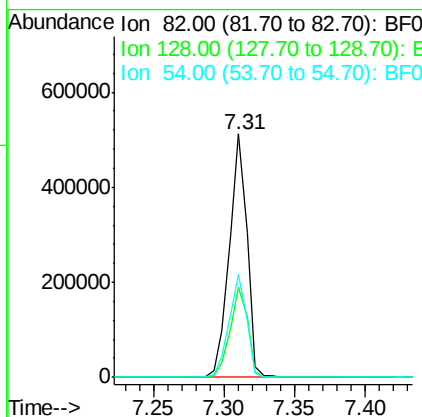
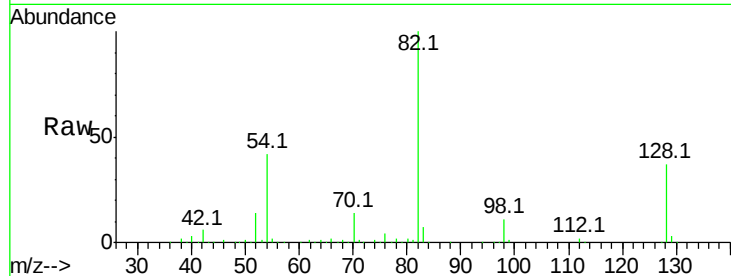
#23
Nitrobenzene-d5
Concen: 62.004 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF097941.D
Acq: 22 Aug 2017 8:29

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.8	34.0	51.0	
54	42.2	42.2	63.2	

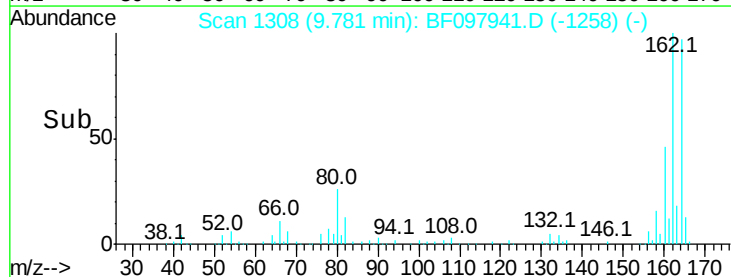
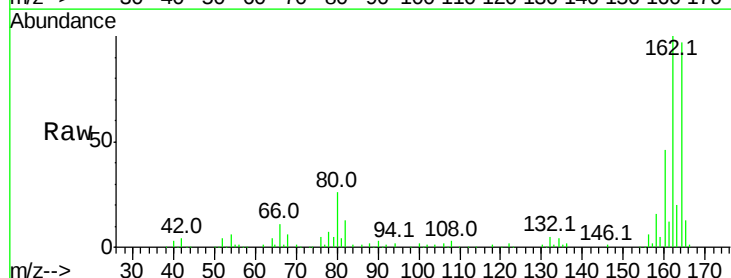
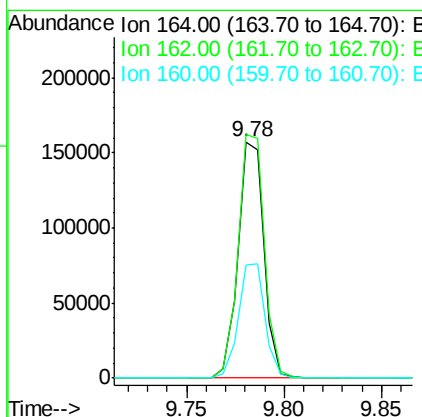
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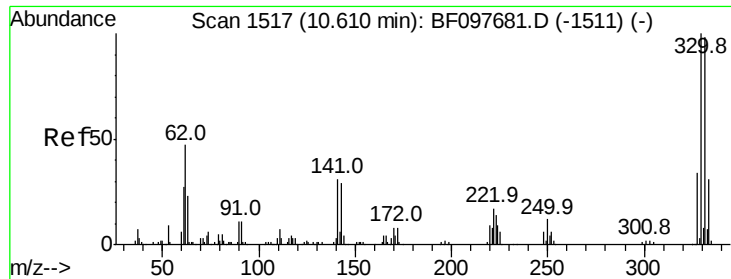
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF097941.D
Acq: 22 Aug 2017 8:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	82.6	123.8	
160	47.8	36.2	54.2	





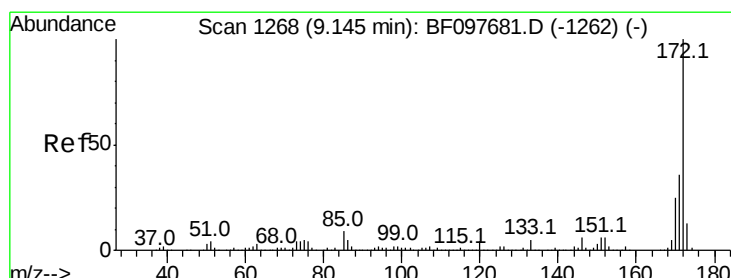
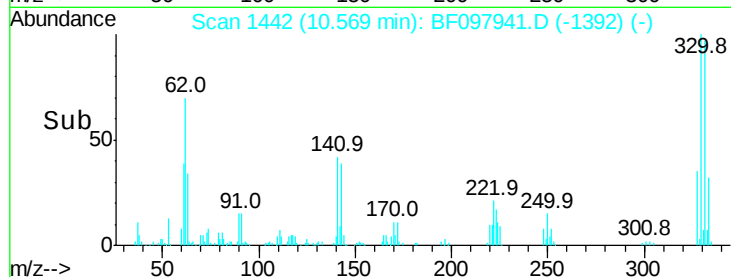
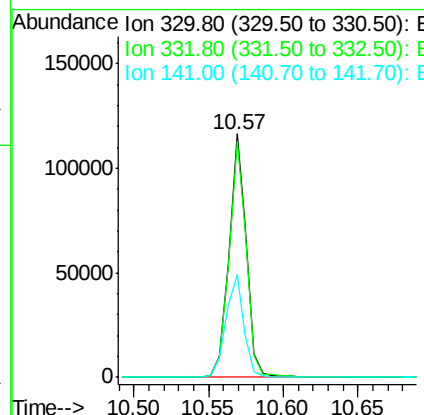
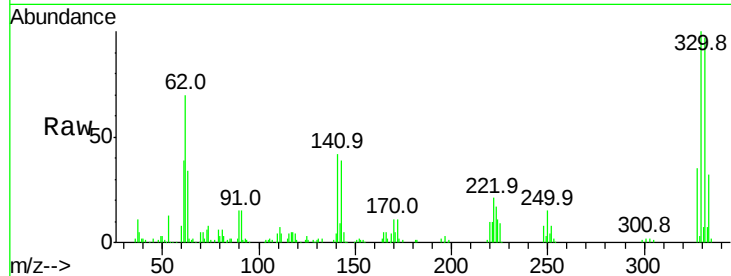
#41
 2,4,6-Tribromophenol
 Concen: 76.893 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097941.D
 Acq: 22 Aug 2017 8:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	76.6	115.0	
141	43.4	31.4	47.2	

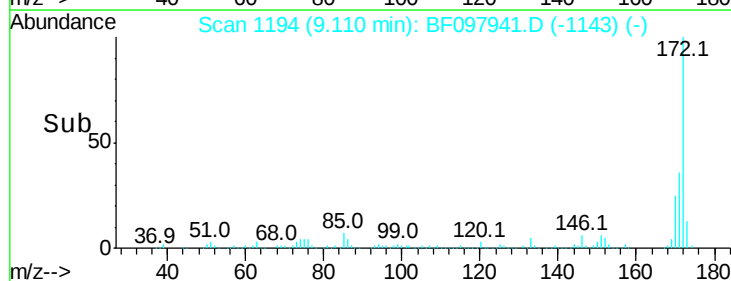
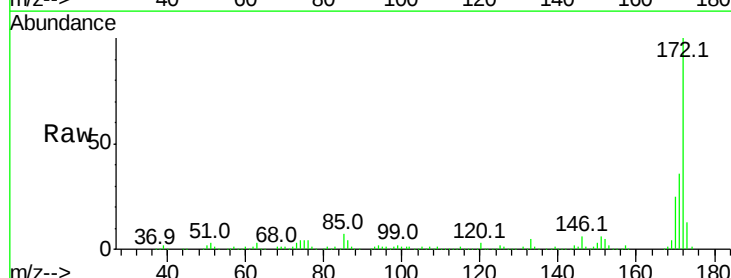
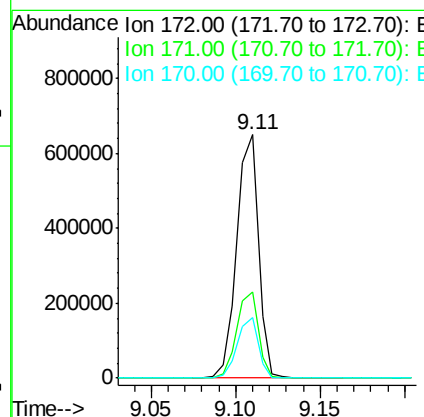
Manual Integrations
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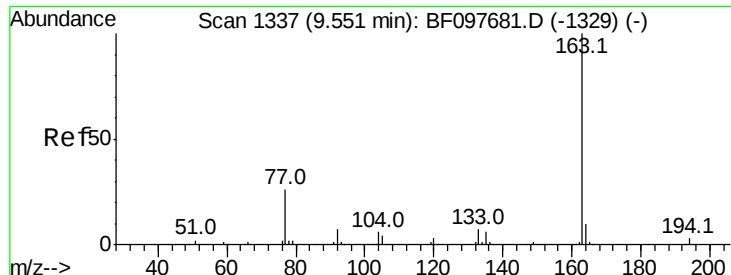
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#44
 2-Fluorobiphenyl
 Concen: 59.347 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097941.D
 Acq: 22 Aug 2017 8:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.6	29.6	44.4	
170	24.7	19.8	29.8	





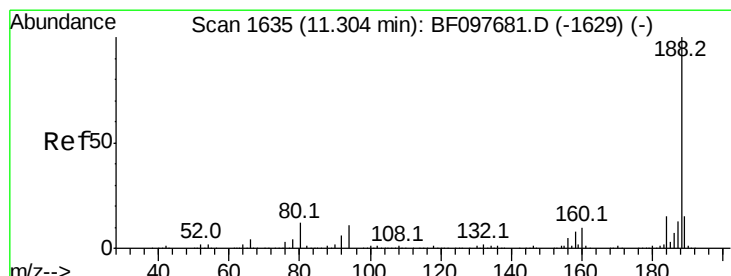
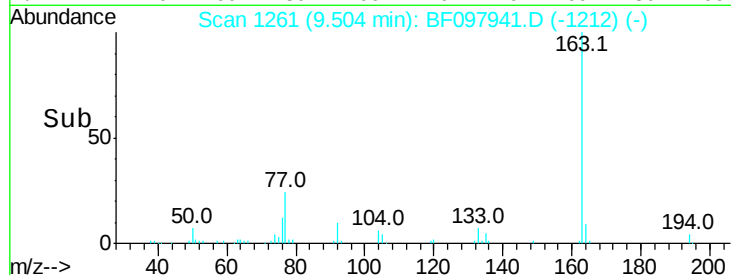
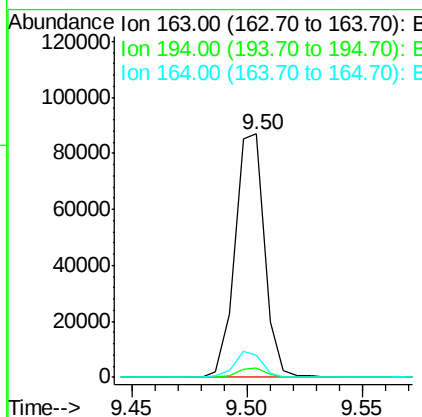
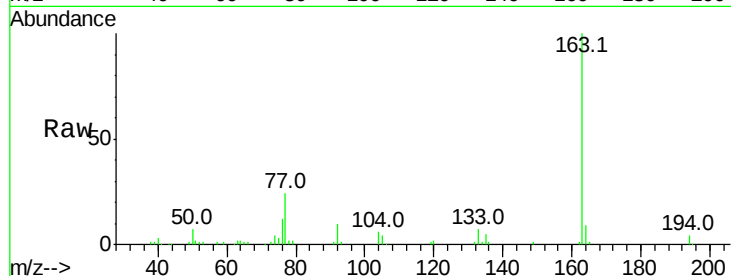
#49
 Dimethylphthalate
 Concen: 7.378 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF097941.D
 Acq: 22 Aug 2017 8:29

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:	163	Resp:	77569
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.6	4.0
164	9.3	8.4	12.6

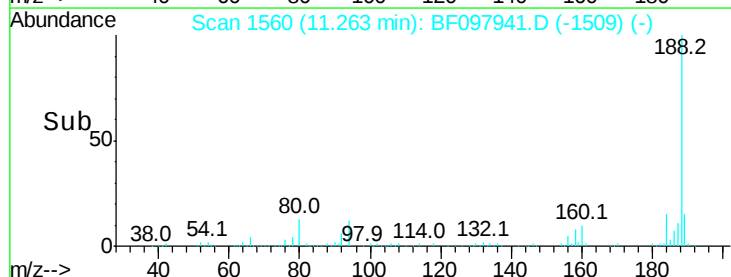
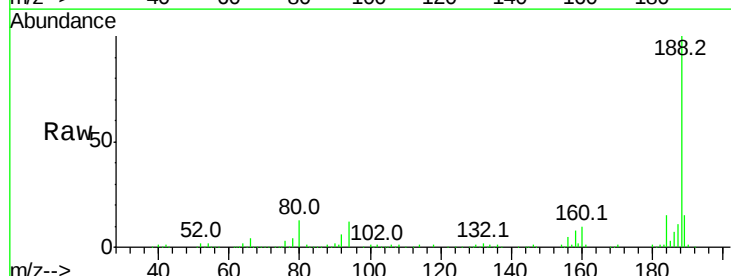
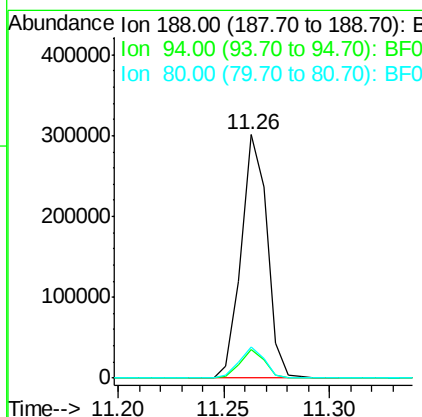
Manual Integrations
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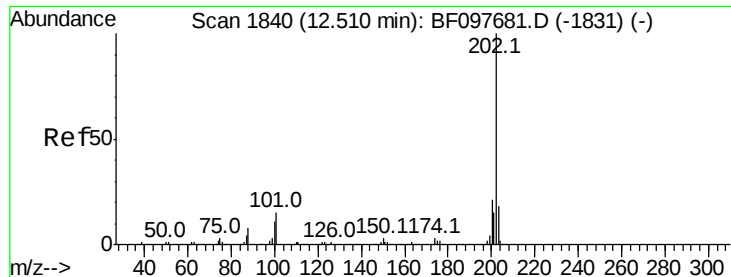
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF097941.D
 Acq: 22 Aug 2017 8:29

Tgt Ion:	188	Resp:	254932
Ion Ratio	Lower	Upper	
188	100		
94	11.9	9.4	14.2
80	12.9	10.2	15.2





#74

Fluoranthene

Concen: 5.005 ng

RT: 12.47 min Scan# 1766

Delta R.T. 0.00 min

Lab File: BF097941.D

Acq: 22 Aug 2017 8:29

Instrument :

BNA_F

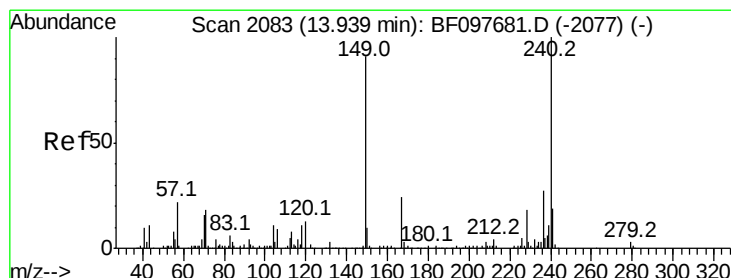
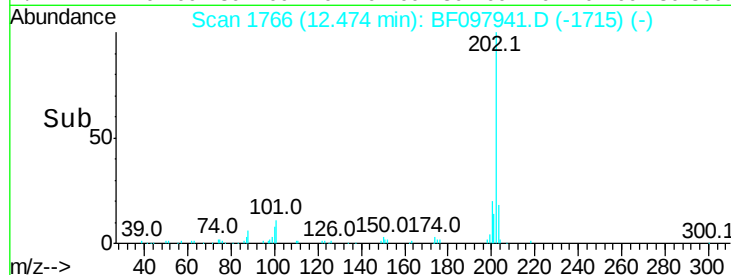
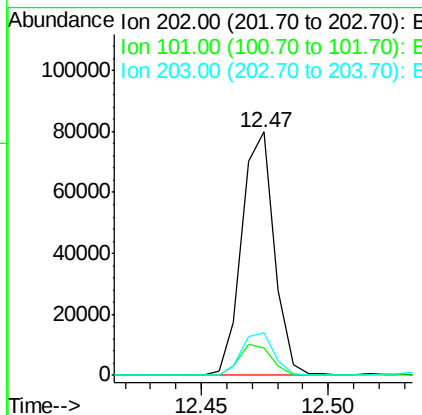
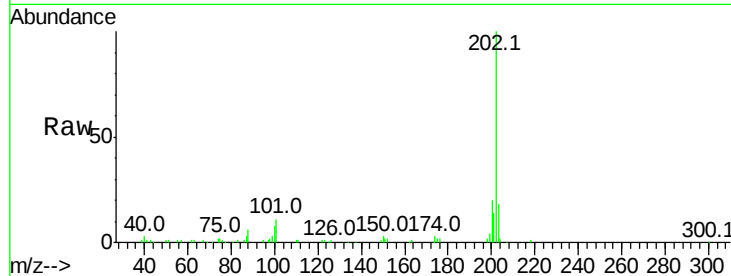
ClientSampled :

SB-13-COMP

Tot Ion:	202	Resp:	70964
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	33.2
203	17.7	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

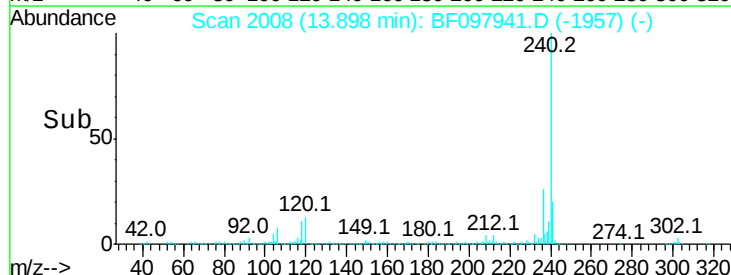
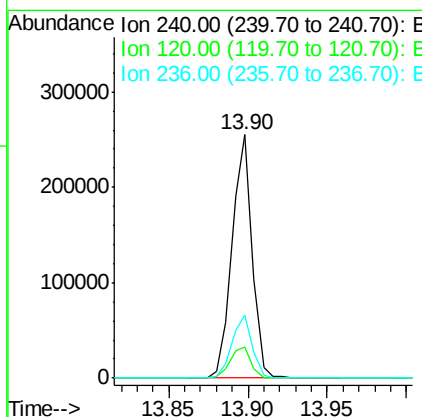
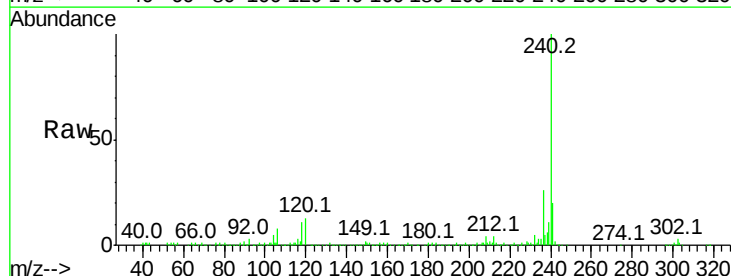
RT: 13.90 min Scan# 2008

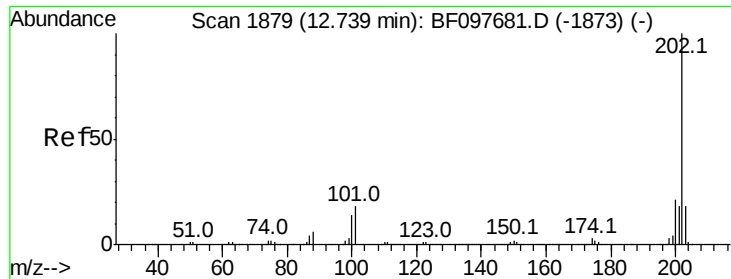
Delta R.T. 0.00 min

Lab File: BF097941.D

Acq: 22 Aug 2017 8:29

Tgt Ion:	240	Resp:	223434
Ion Ratio	Lower	Upper	
240	100		
120	12.6	5.8	8.8#
236	26.0	20.5	30.7





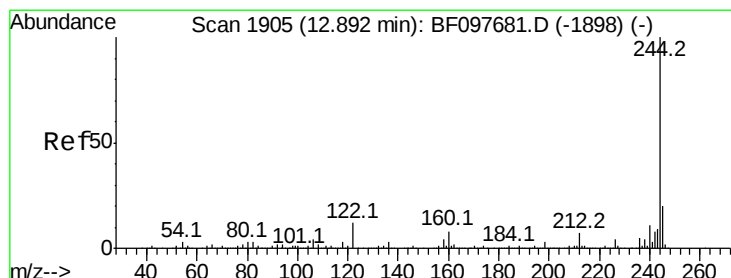
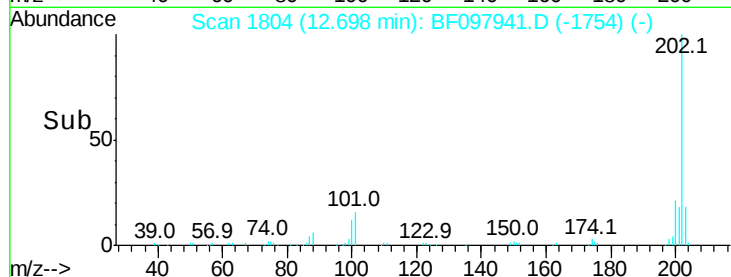
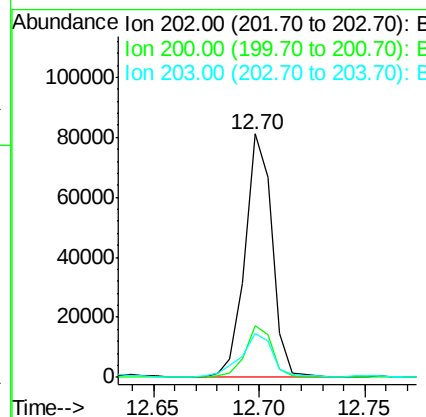
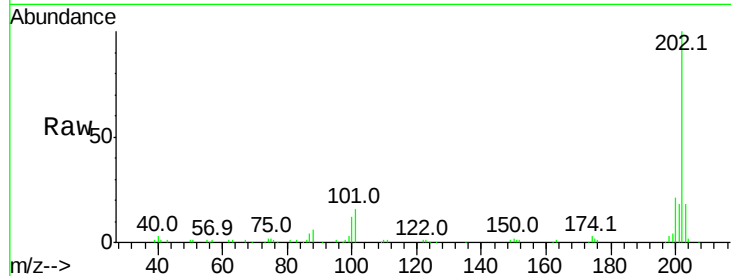
#77
Pvrene
Concen: 3.936 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF097941.D
Acq: 22 Aug 2017 8:29

Instrument :
BNA_F
ClientSampled :
SB-13-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	17.9	14.4	21.6

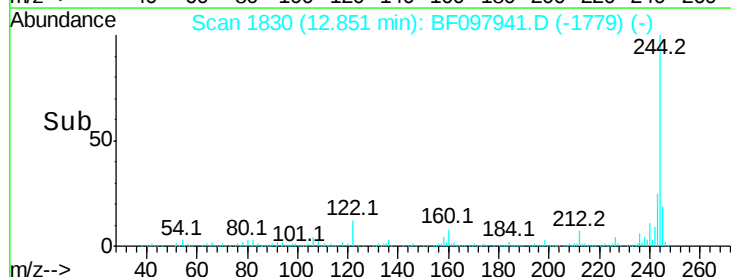
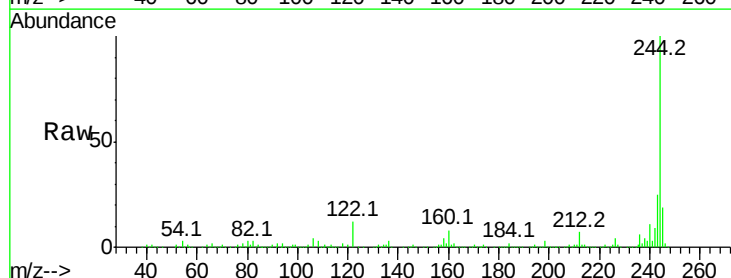
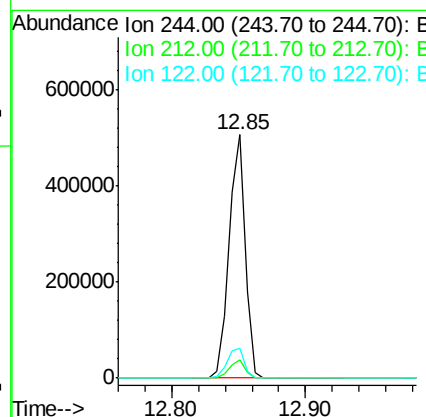
Manual Integrations
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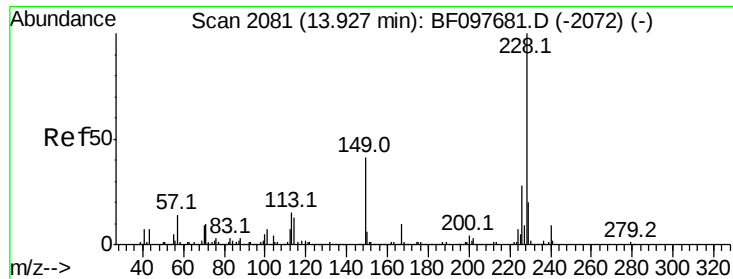
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#78
Terphenyl-d14
Concen: 40.706 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF097941.D
Acq: 22 Aug 2017 8:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	12.2	10.3	15.5





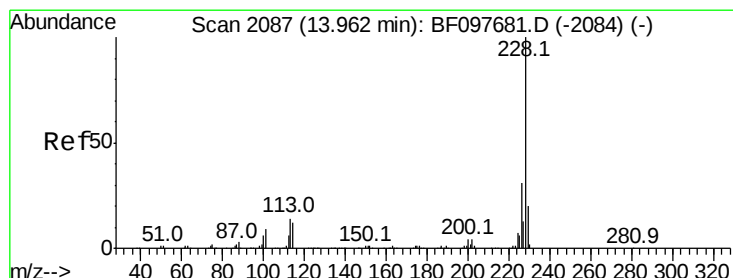
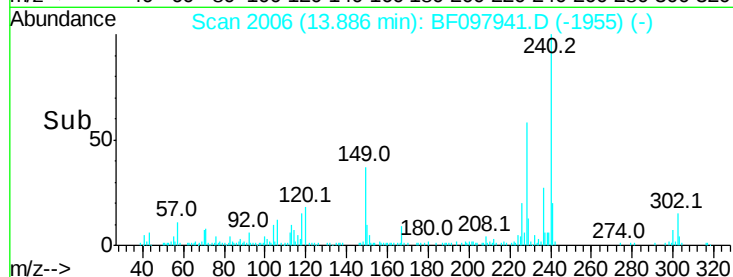
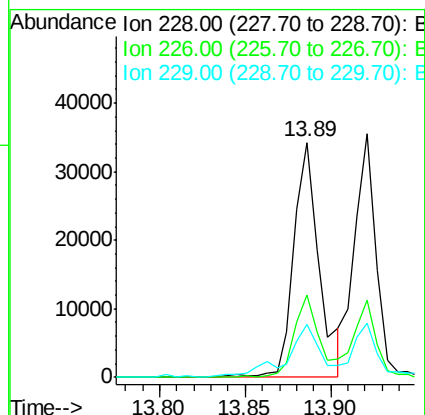
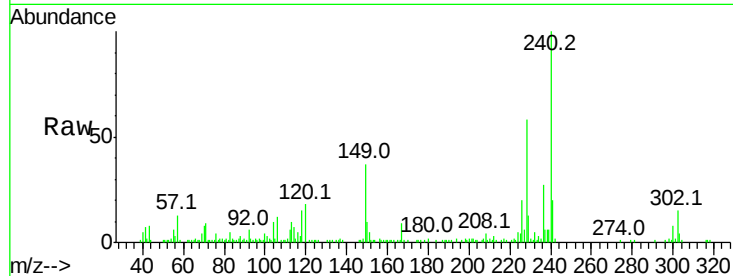
#80
Benzo(a)anthracene
Concen: 2.631 ng m
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF097941.D
Acq: 22 Aug 2017 8:29

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.9	22.6	33.8#
229	22.5	16.3	24.5

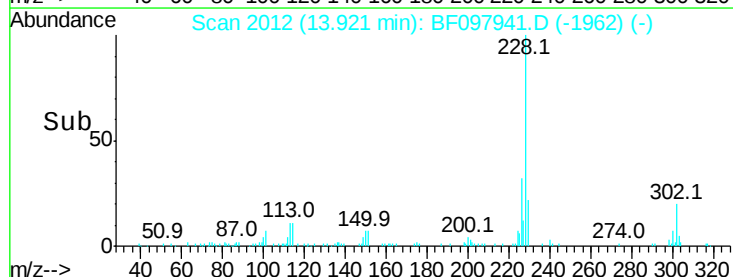
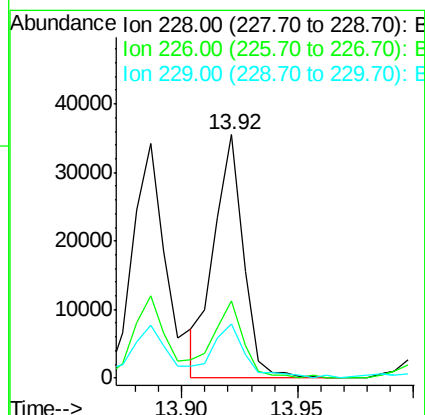
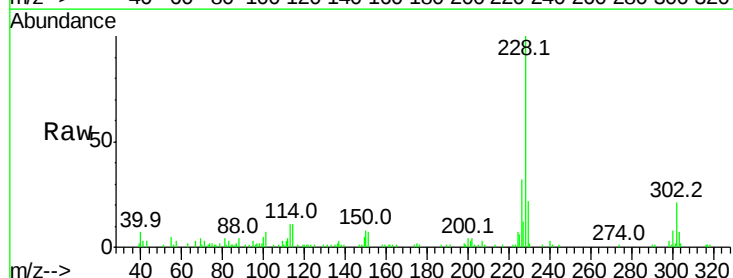
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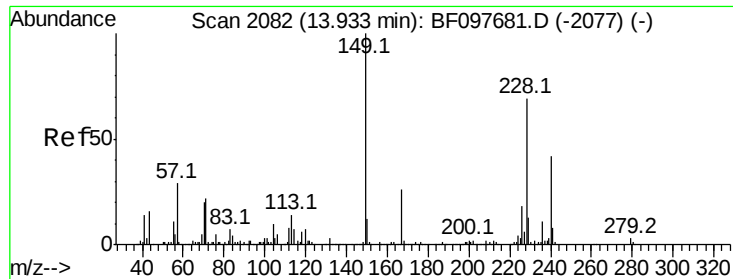
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#82
Chrysene
Concen: 2.362 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097941.D
Acq: 22 Aug 2017 8:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	22.1	15.8	23.6





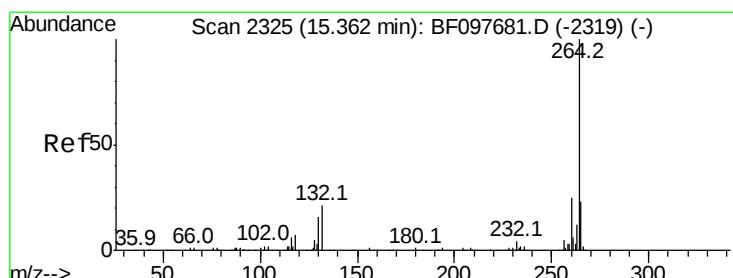
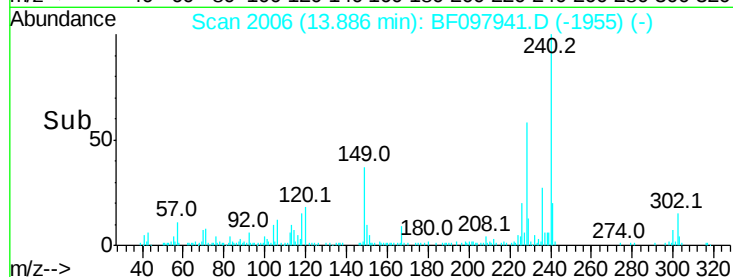
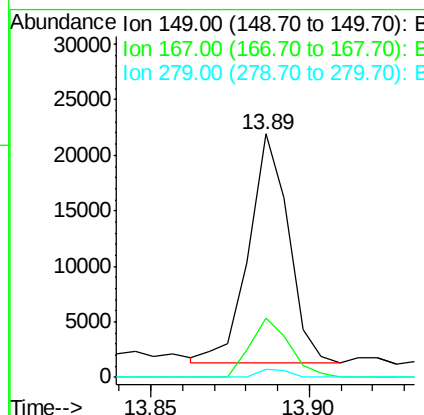
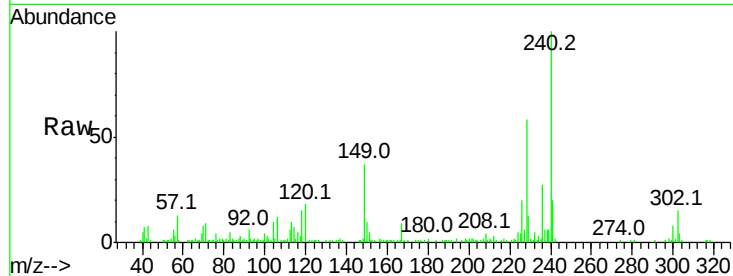
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.298 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF097941.D
 Acq: 22 Aug 2017 8:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	24.2	21.0	31.4	
279	3.1	1.9	2.9	

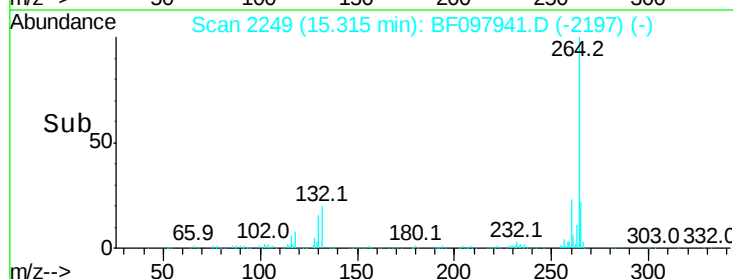
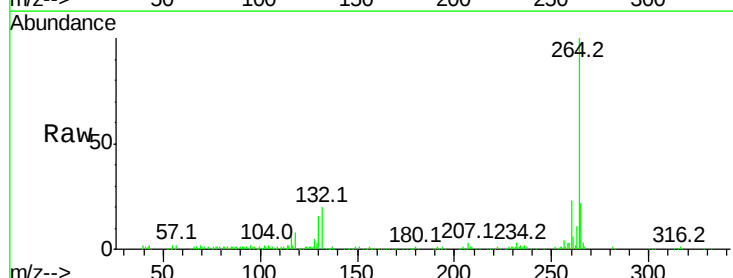
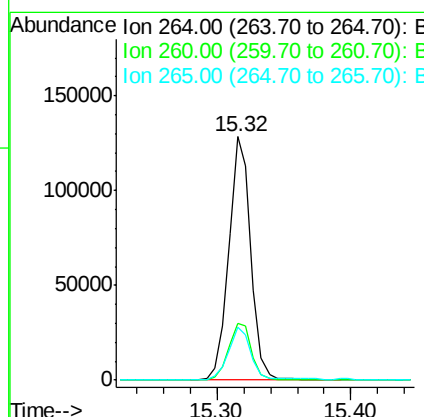
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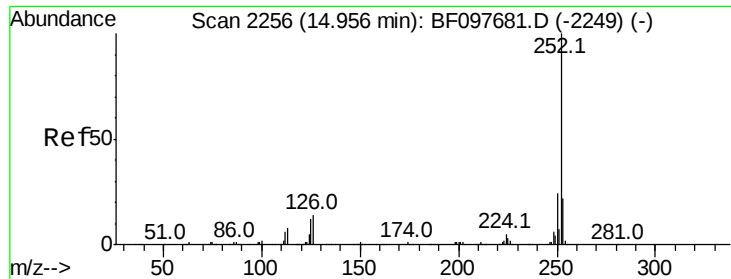
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF097941.D
 Acq: 22 Aug 2017 8:29

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.1	19.5	29.3	
265	21.8	17.2	25.8	





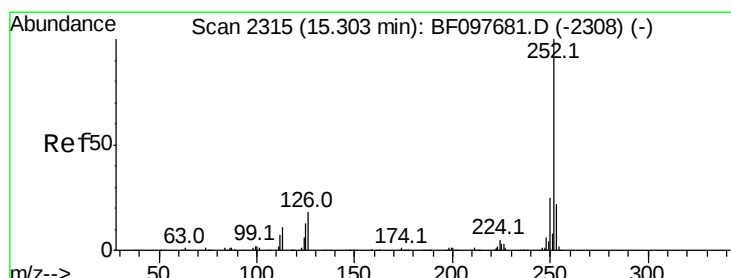
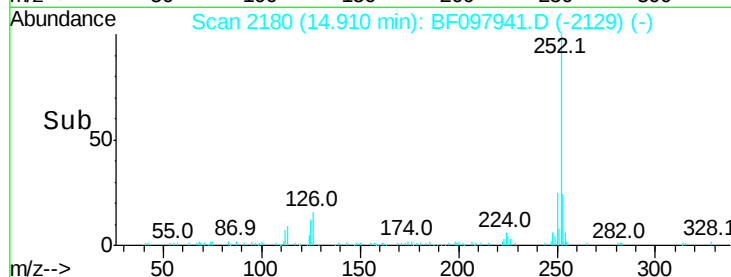
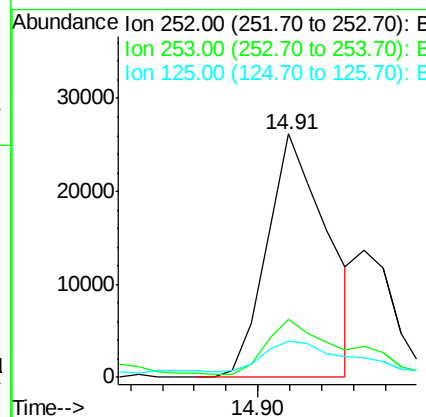
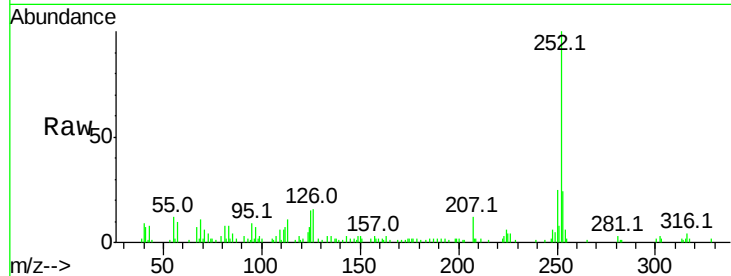
#87
Benzo(b)fluoranthene
Concen: 3.679 ng/mL
RT: 14.91 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BF097941.D
Acq: 22 Aug 2017 8:29

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	15.1	9.8	14.8

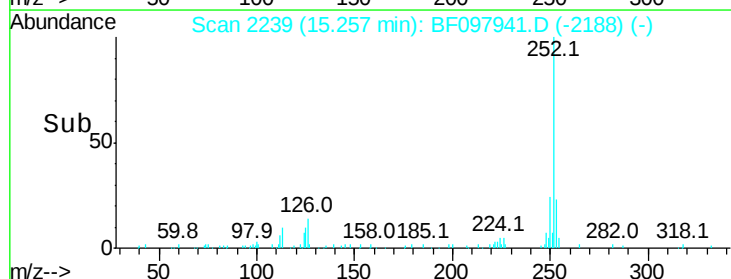
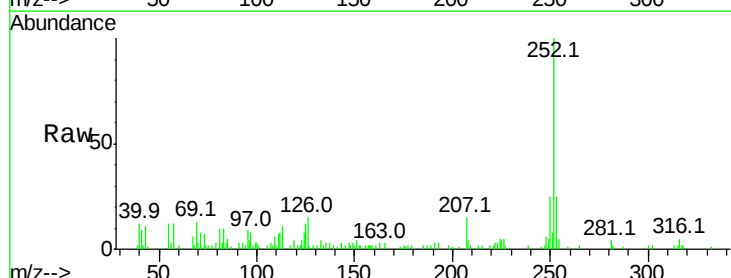
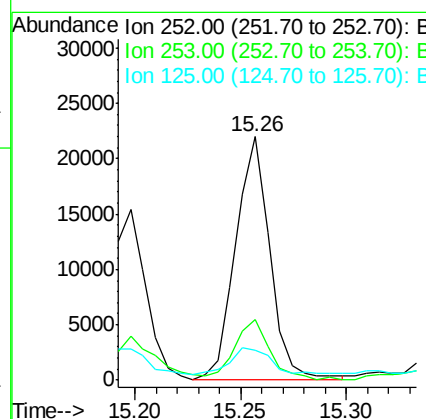
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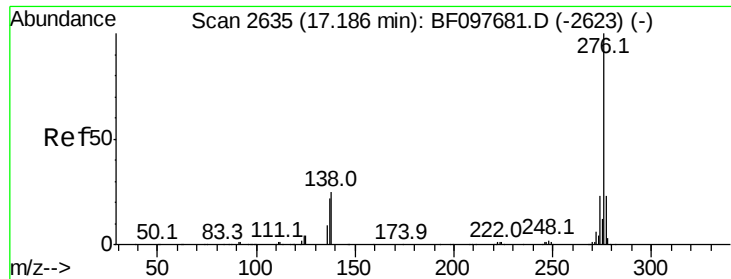
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#89
Benzo(a)pyrene
Concen: 2.990 ng/mL
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF097941.D
Acq: 22 Aug 2017 8:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	12.4	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 2.046 ng
 RT: 17.10 min Scan# 2553
 Delta R.T. -0.01 min
 Lab File: BF097941.D
 Acq: 22 Aug 2017 8:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.6	28.0
138	31.0	25.4	38.0

Manual Integrations
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