

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097926.D
 Acq On : 22 Aug 2017 00:58
 Operator : SJ/JU
 Sample : I4889-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-L(0-5)COMP

Manual Integrations
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Sohil
 8/22/2017 5:44:52 PM

Quant Time: Aug 22 06:42:41 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	105055	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	390024	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	148055	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	251040	20.00	ng	0.00
75) Chrysene-d12	13.90	240	217522	20.00	ng	0.00
86) Perylene-d12	15.32	264	150641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	571990	82.82	ng	0.00
7) Phenol-d6	6.38	99	784344	83.58	ng	0.00
23) Nitrobenzene-d5	7.31	82	445252	62.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	100452	78.20	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	651223	64.62	ng	0.00
78) Terphenyl-d14	12.85	244	482271	46.23	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.50	163	48152	4.449	ng	99
70) Phenanthrene	11.29	178	41869	3.130	ng	99
74) Fluoranthene	12.47	202	159858	11.449	ng	97
77) Pyrene	12.70	202	161367	9.070	ng	99
80) Benzo(a)anthracene	13.89	228	84946	6.516	ng	99
82) Chrysene	13.92	228	65530	5.053	ng	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	31725	3.325	ng	# 88
87) Benzo(b)fluoranthene	14.91	252	79600m	8.383	ng	
88) Benzo(k)fluoranthene	14.93	252	25569m	2.866	ng	
89) Benzo(a)pyrene	15.26	252	56069	6.670	ng	98
91) Benzo(g,h,i)perylene	17.10	276	30646	4.292	ng	91

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

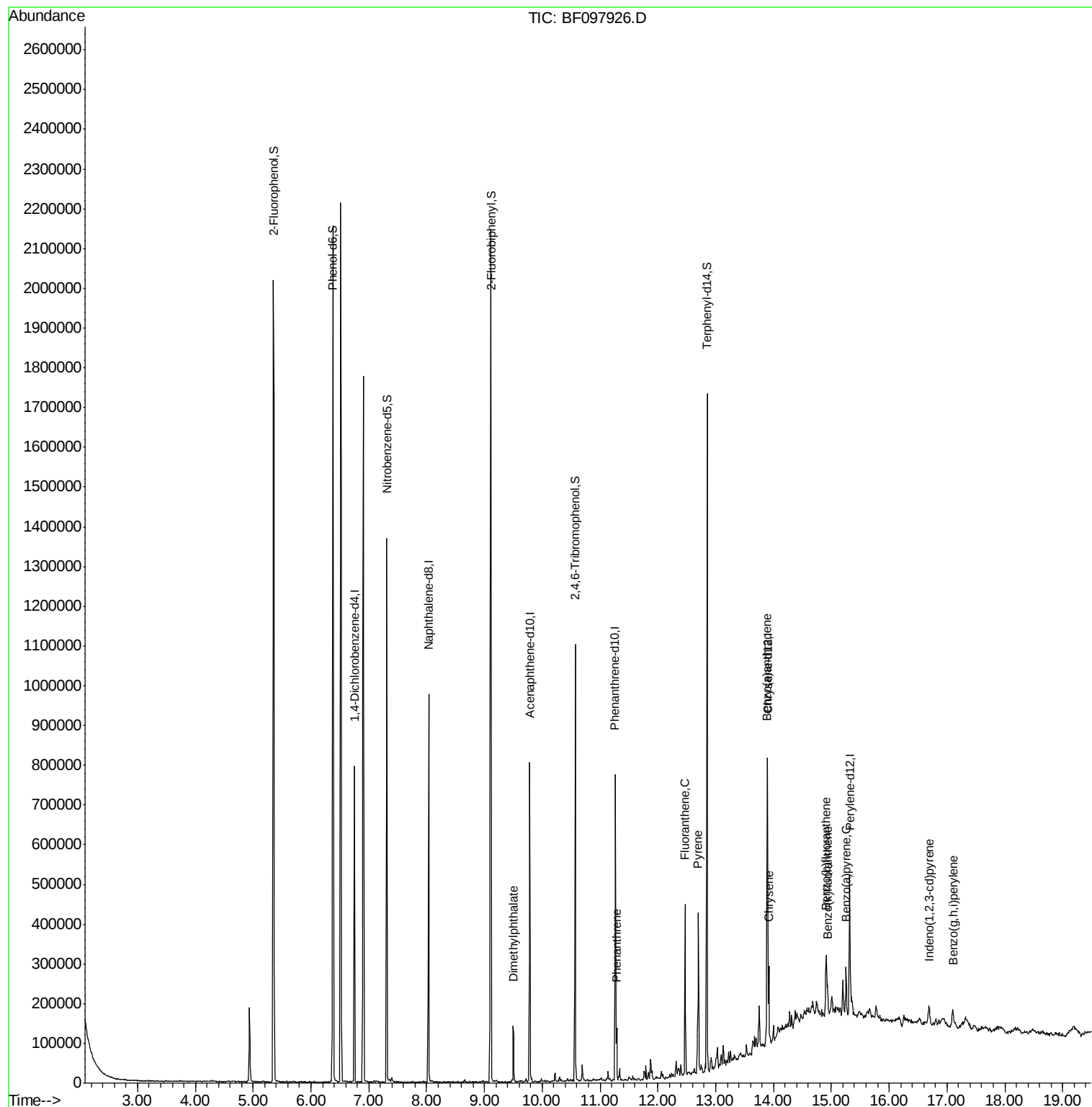
Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
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ALS Vial : 19 Sample Multiplier: 1

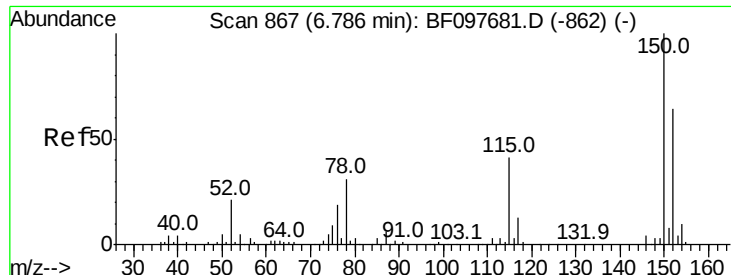
Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-L(0-5)COMP

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#1

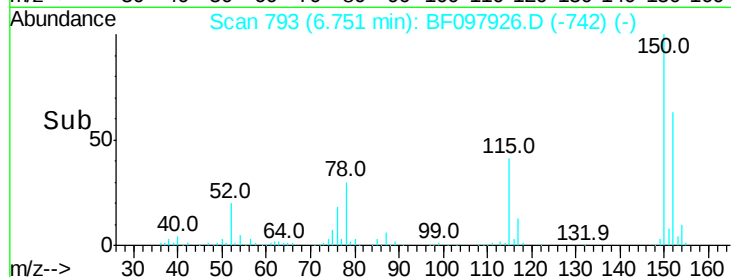
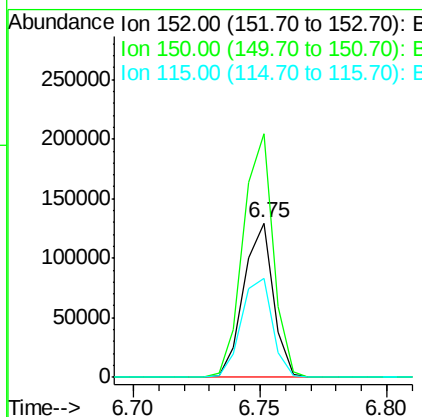
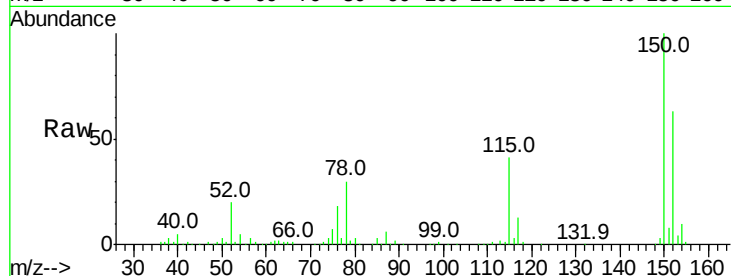
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-L(0-5)COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	64.3	52.2	78.2

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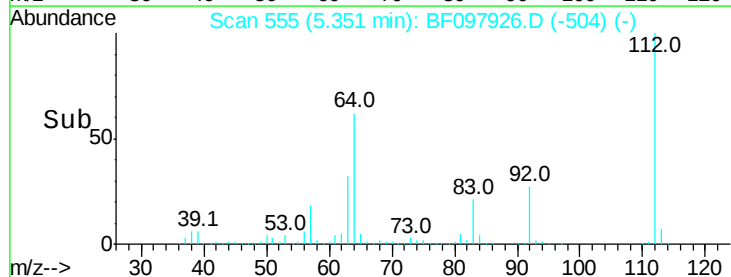
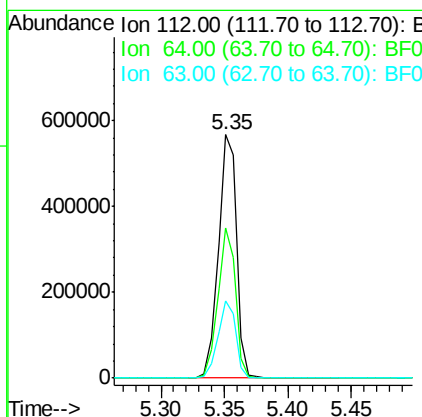
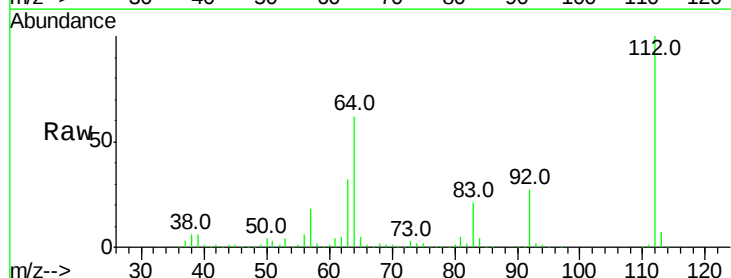
Sohil
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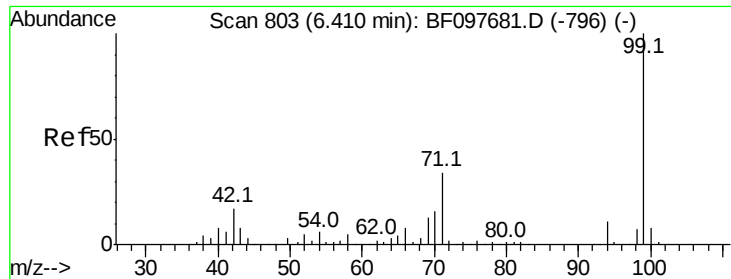


#5

2-Fluorophenol
Concen: 82.817 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	46.0	69.0
63	31.7	23.4	35.0





#7

Phenol-d6

Concen: 83.582 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097926.D

Acq: 22 Aug 2017 00:58

Instrument :

BNA_F

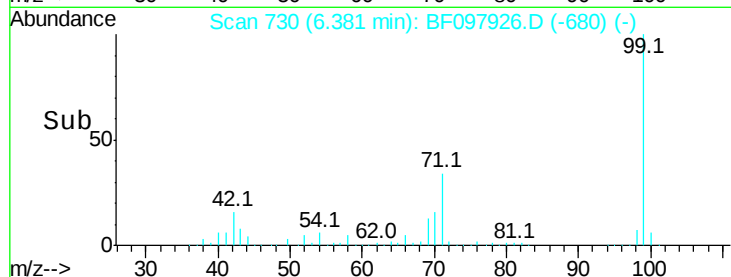
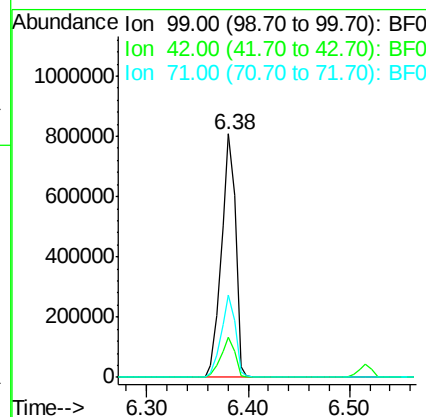
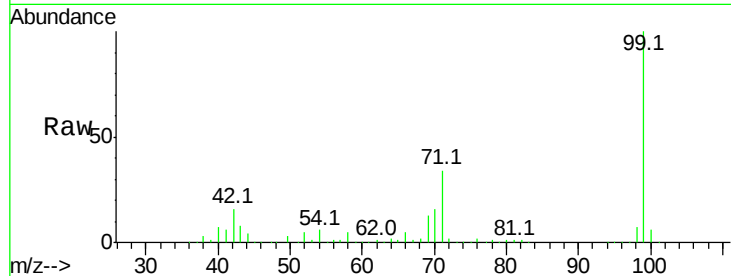
ClientSampleId :

SASP2P-TP-106-L(0-5)COMP

Tot Ion:	99	Resp:	784344
Ion Ratio	Lower	Upper	
99	100		
42	16.3	13.5	20.3
71	33.9	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

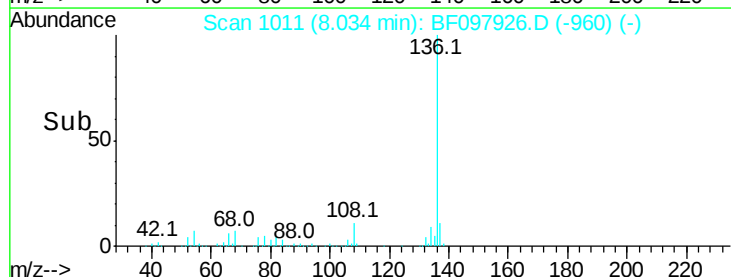
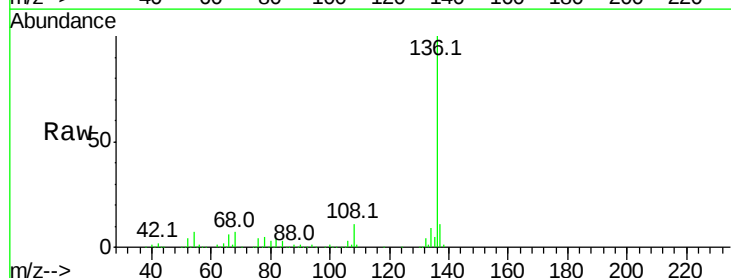
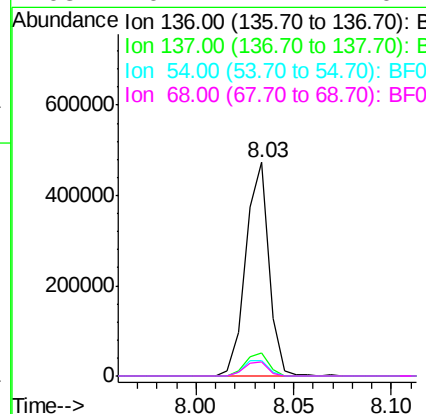
RT: 8.03 min Scan# 1011

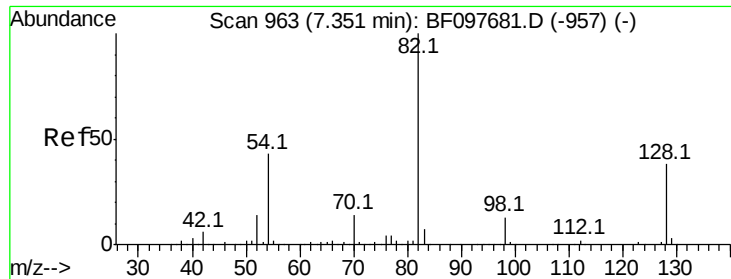
Delta R.T. 0.00 min

Lab File: BF097926.D

Acq: 22 Aug 2017 00:58

Tgt Ion:	136	Resp:	390024
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	7.0	4.9	7.3
68	6.7	4.1	6.1#





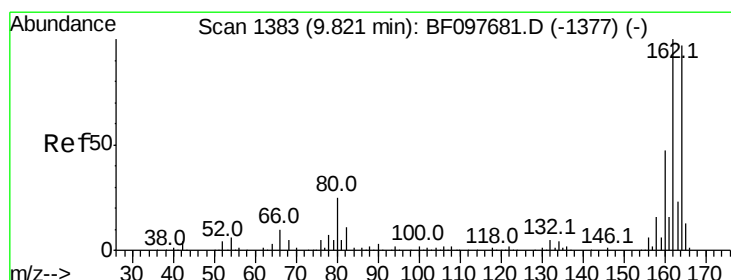
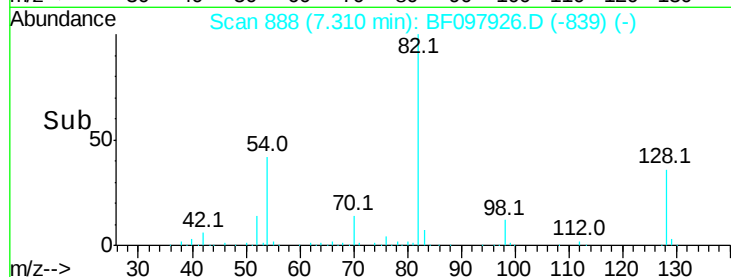
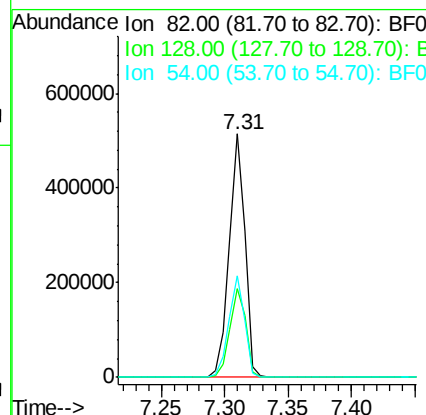
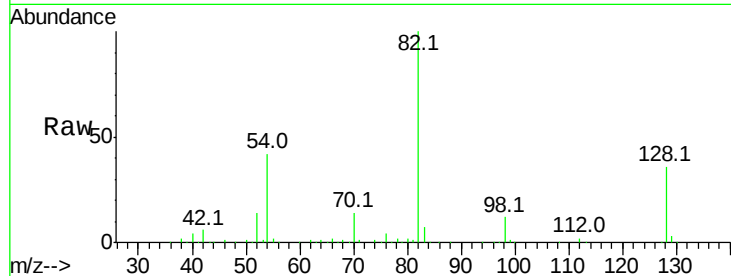
#23
 Nitrobenzene-d5
 Concen: 62.017 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF097926.D
 Acq: 22 Aug 2017 00:58

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-L(0-5)COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.3	34.0	51.0
54	41.9	42.2	63.2#

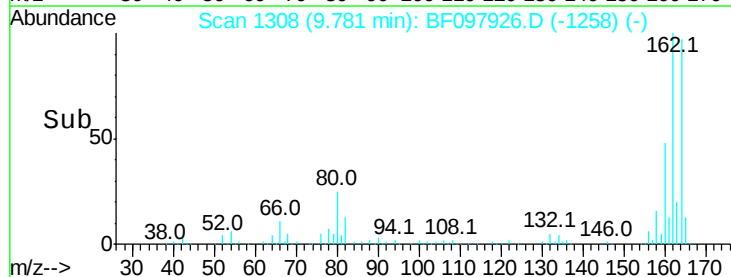
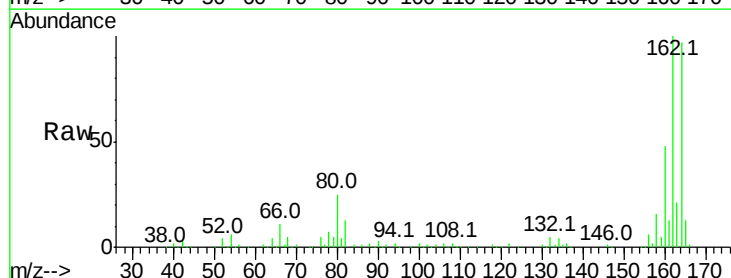
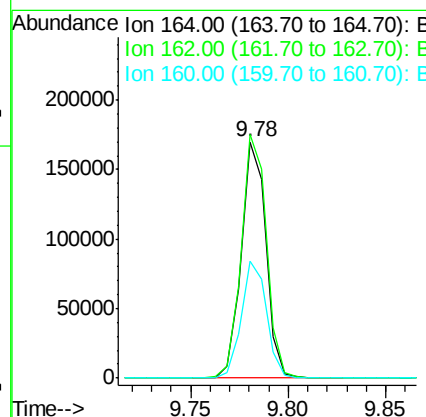
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097926.D
 Acq: 22 Aug 2017 00:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	49.5	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 78.196 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF097926.D

Acq: 22 Aug 2017 00:58

Instrument :

BNA_F

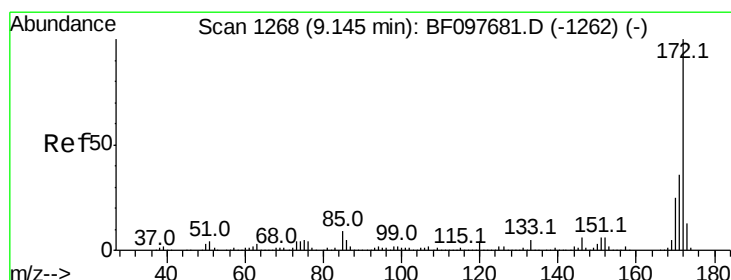
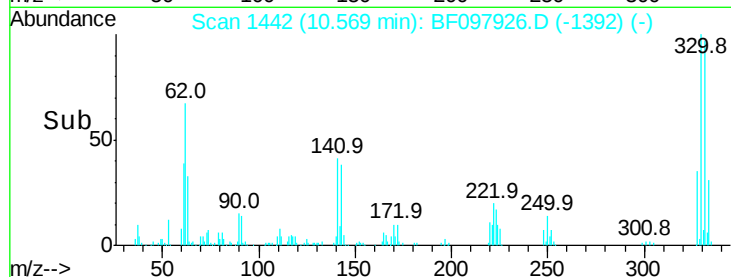
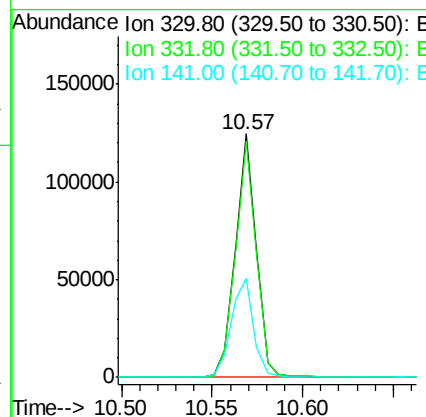
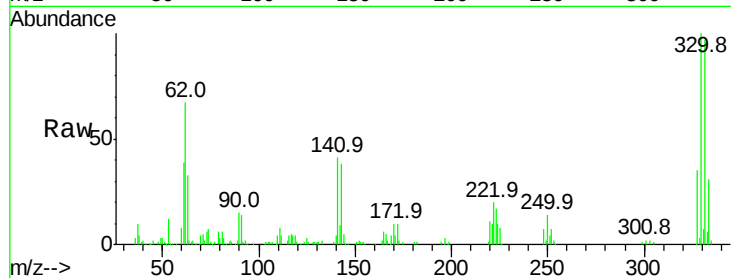
ClientSampleId :

SASP2P-TP-106-L(0-5)COMP

Tot Ion:	330	Resp:	100452
Ion Ratio	Lower	Upper	
330	100		
332	97.2	76.6	115.0
141	43.2	31.4	47.2

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#44

2-Fluorobiphenyl

Concen: 64.623 ng

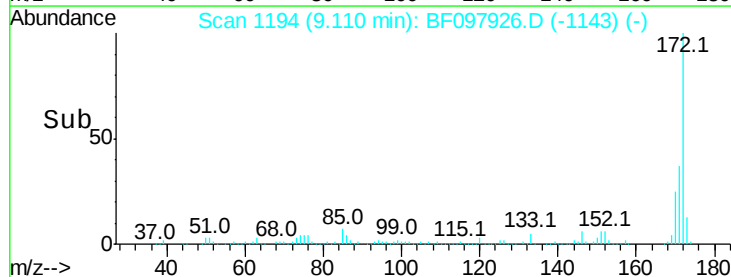
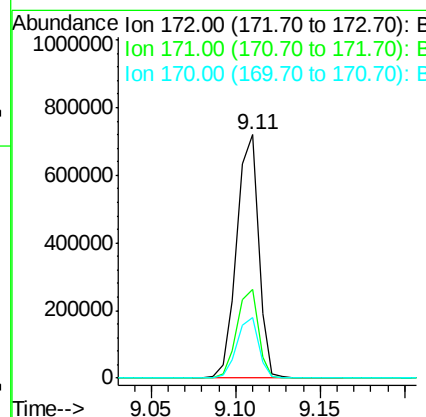
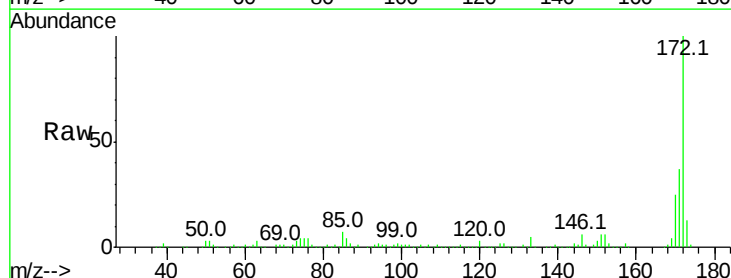
RT: 9.11 min Scan# 1194

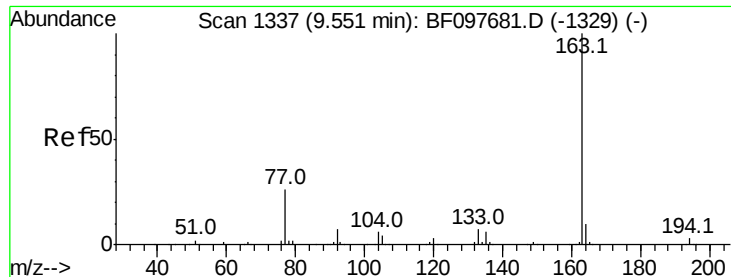
Delta R.T. 0.00 min

Lab File: BF097926.D

Acq: 22 Aug 2017 00:58

Tgt Ion:	172	Resp:	651223
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.6	44.4
170	24.6	19.8	29.8





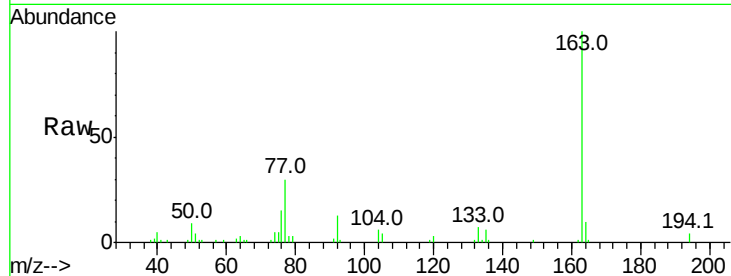
#49
Dimethylphthalate
Concen: 4.449 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-L(0-5)COMP

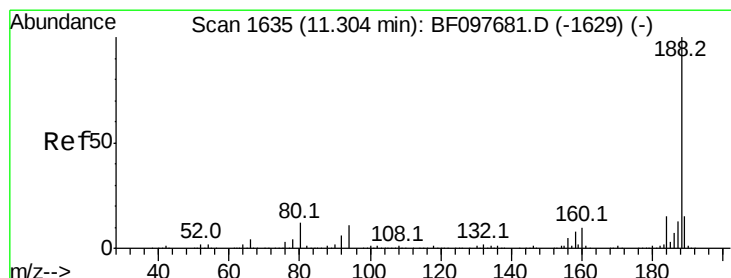
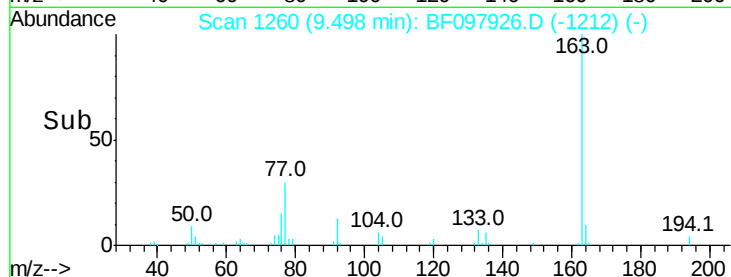
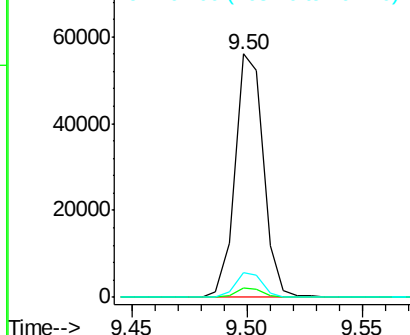
Tot Ion	Ratio	Resp	Lower	Upper
163	100	48152		
194	3.6		2.6	4.0
164	10.0		8.4	12.6

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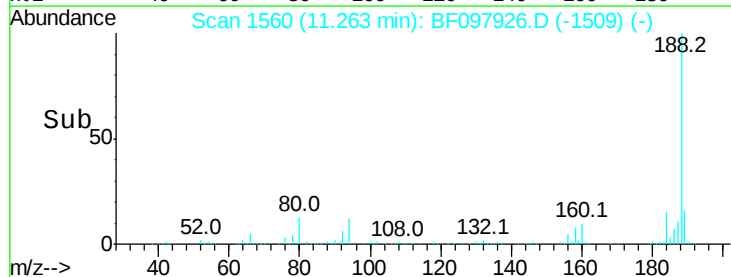
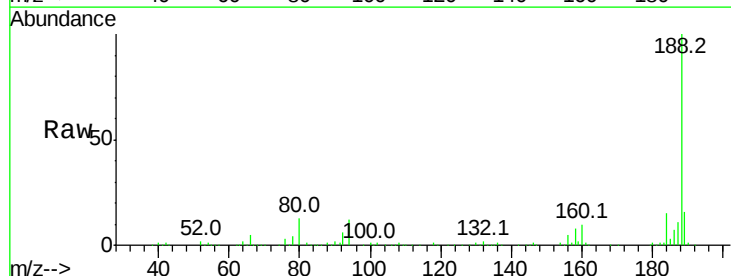
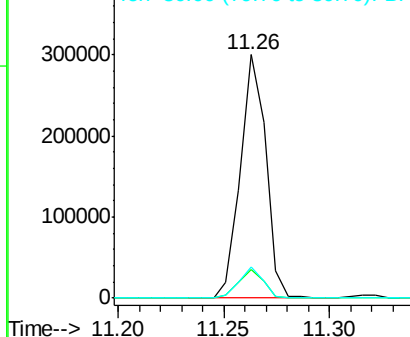
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Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

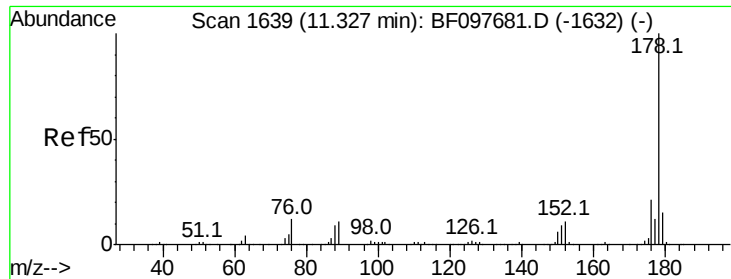


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	251040		
94	11.6		9.4	14.2
80	12.7		10.2	15.2

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





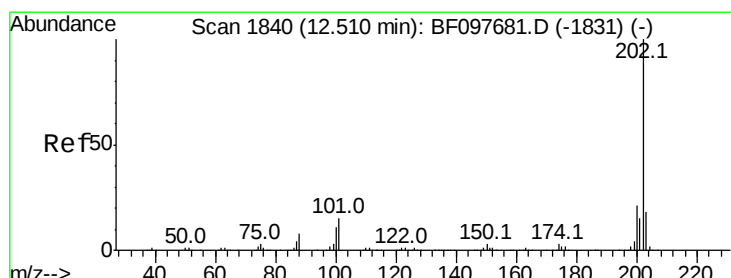
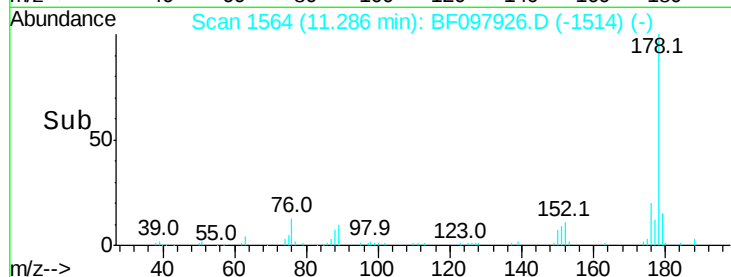
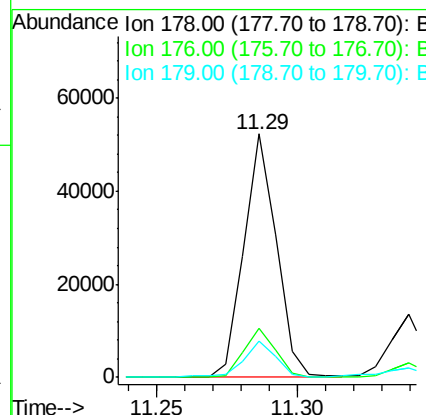
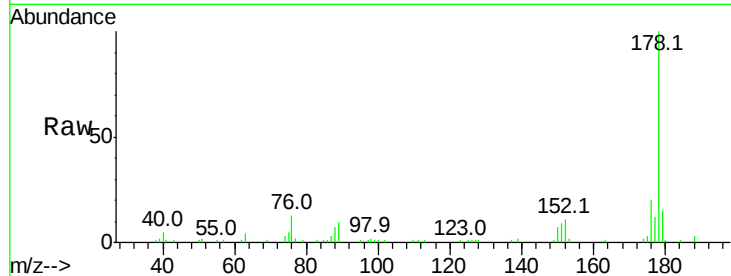
#70
Phenanthrene
Concen: 3.130 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-L(0-5)COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.0	12.6	19.0

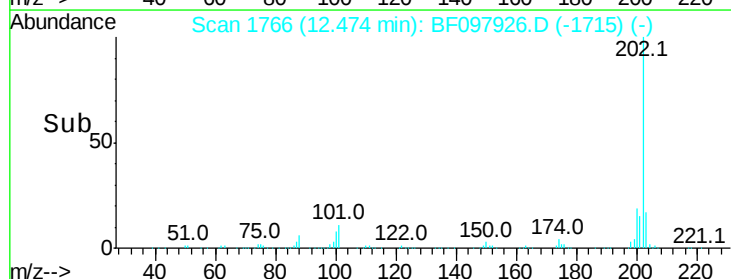
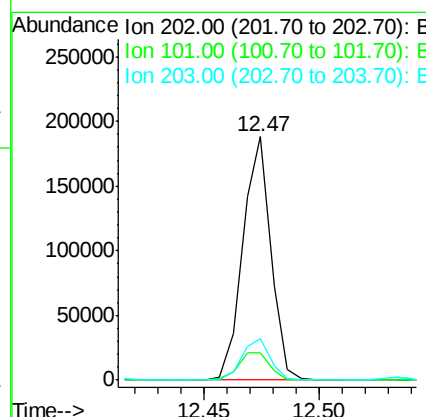
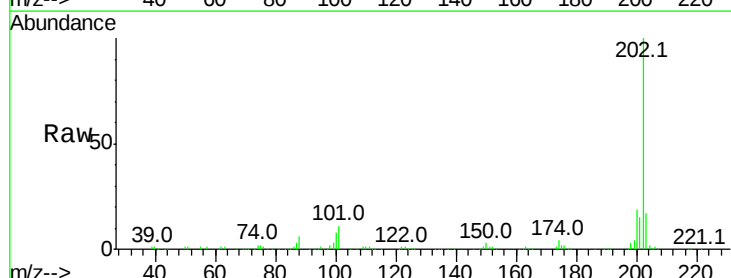
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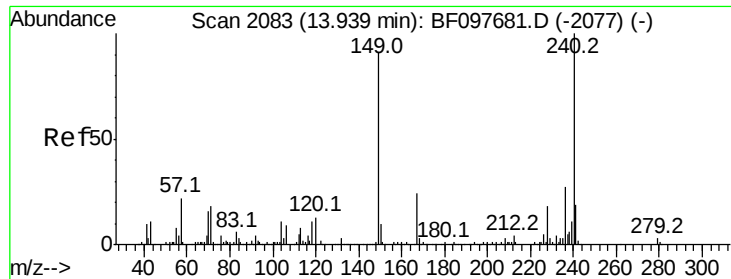
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#74
Fluoranthene
Concen: 11.449 ng
RT: 12.47 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	33.2
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF097926.D

Acq: 22 Aug 2017 00:58

Instrument :

BNA_F

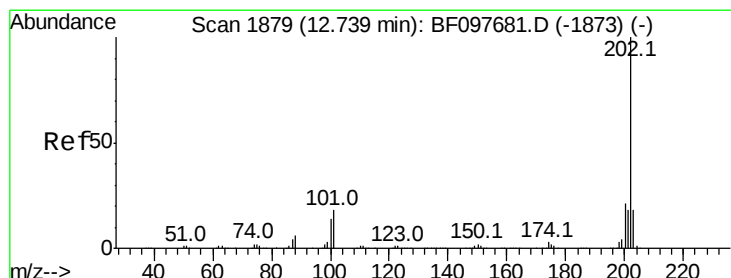
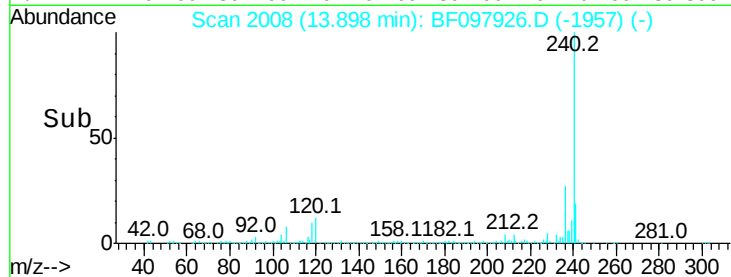
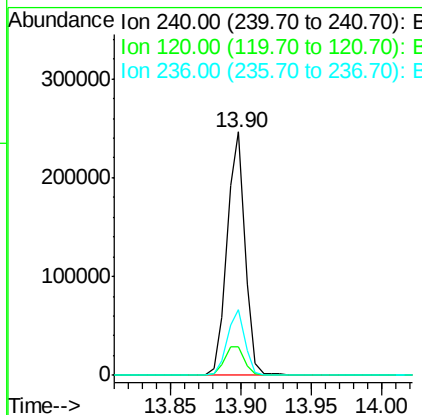
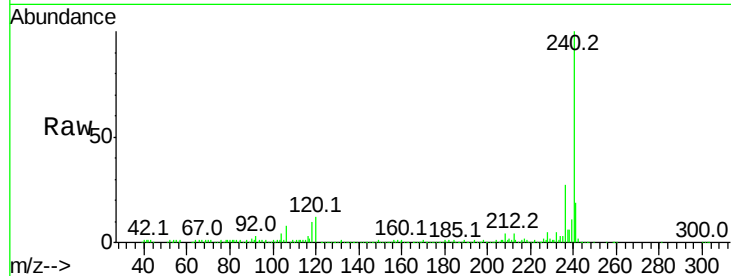
ClientSampleId :

SASP2P-TP-106-L(0-5)COMP

Tot Ion:	240	Resp:	217522
Ion Ratio	Lower	Upper	
240	100		
120	11.9	5.8	8.8#
236	27.1	20.5	30.7

Manual Integrations
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#77

Pyrene

Concen: 9.070 ng

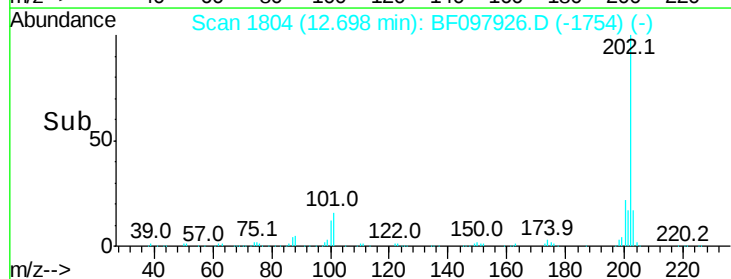
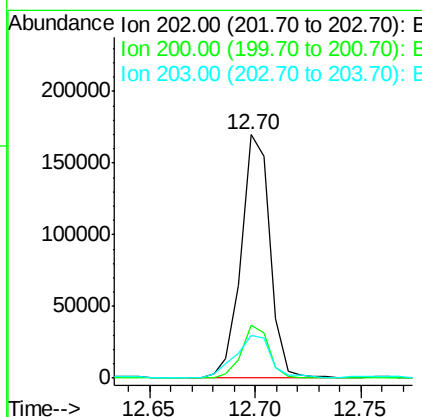
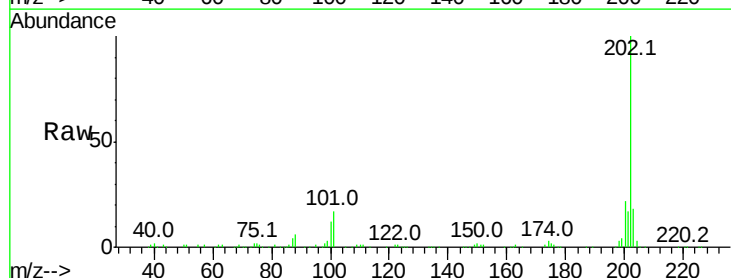
RT: 12.70 min Scan# 1804

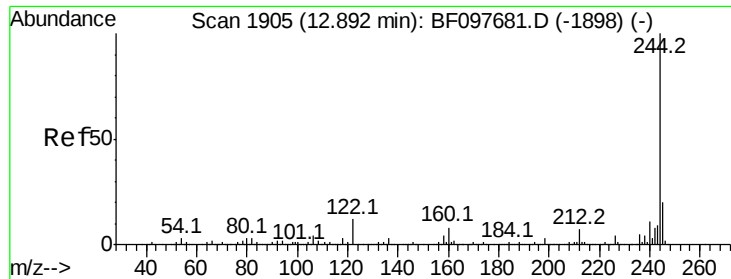
Delta R.T. -0.01 min

Lab File: BF097926.D

Acq: 22 Aug 2017 00:58

Tgt Ion:	202	Resp:	161367
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.6	26.4
203	17.7	14.4	21.6





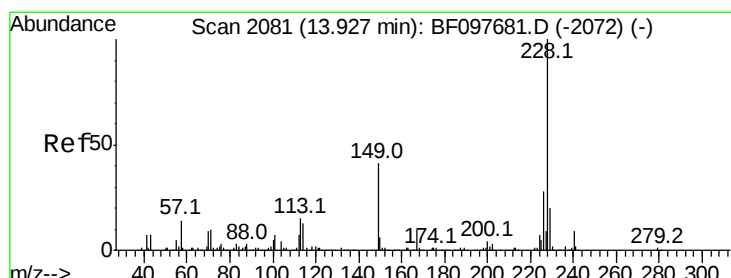
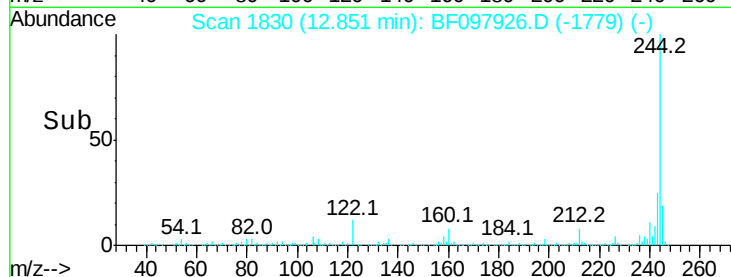
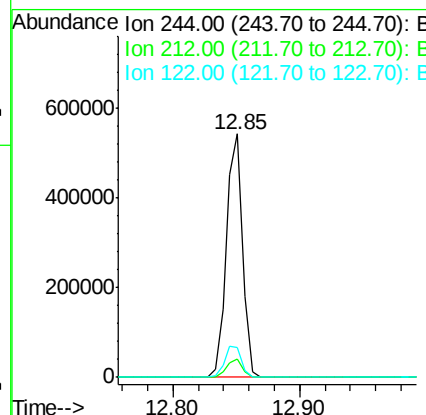
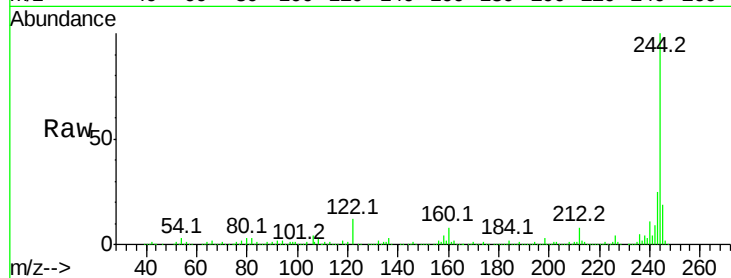
#78
 Terphenyl-d14
 Concen: 46.234 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. 0.00 min
 Lab File: BF097926.D
 Acq: 22 Aug 2017 00:58

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-L(0-5)COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.2	10.3	15.5

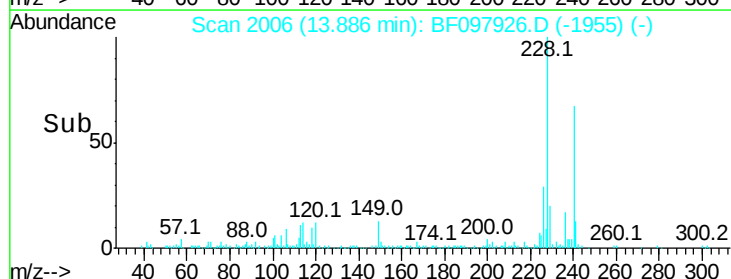
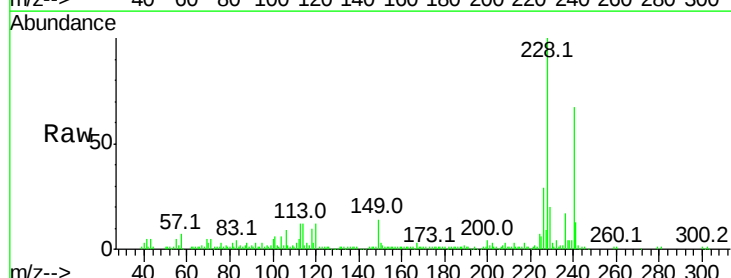
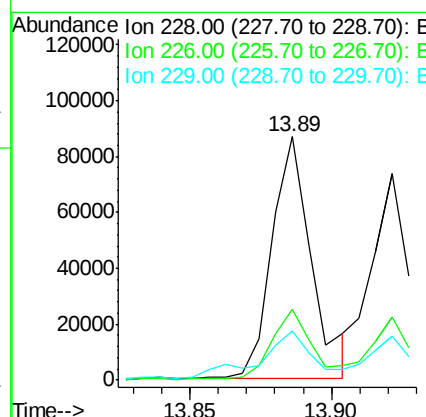
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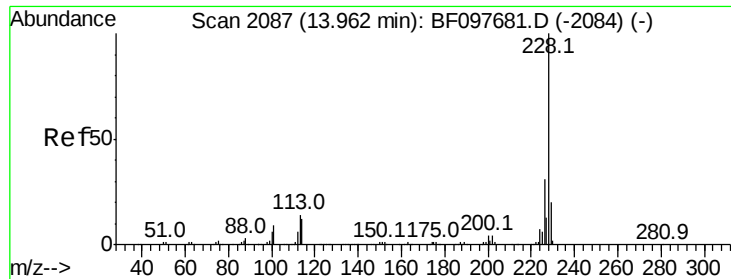
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#80
 Benzo(a)anthracene
 Concen: 6.516 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF097926.D
 Acq: 22 Aug 2017 00:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	20.2	16.3	24.5





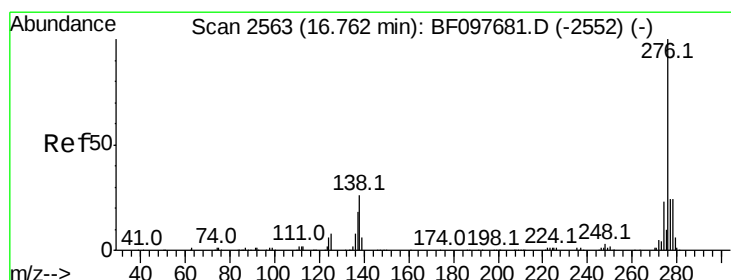
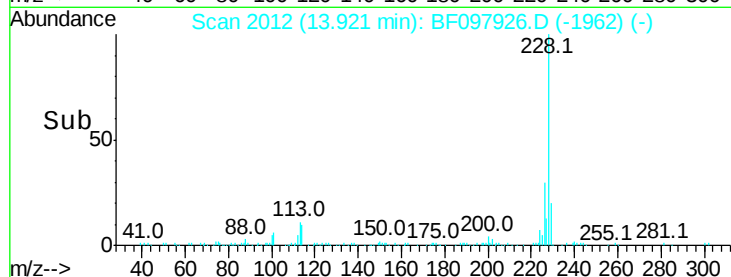
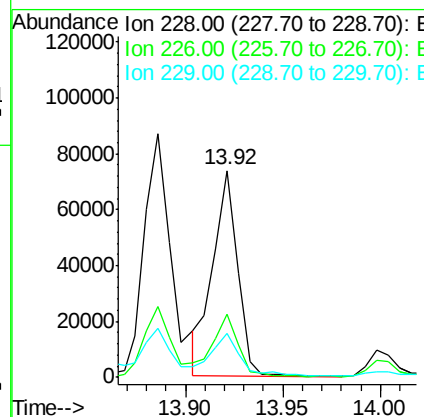
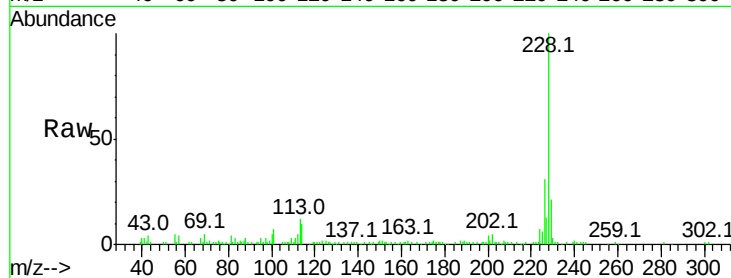
#82
Chrysene
Concen: 5.053 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-L(0-5)COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	21.4	15.8	23.6

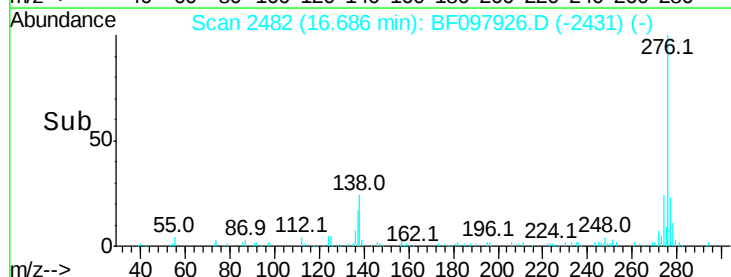
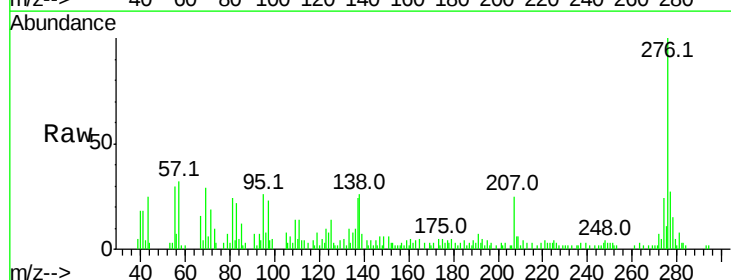
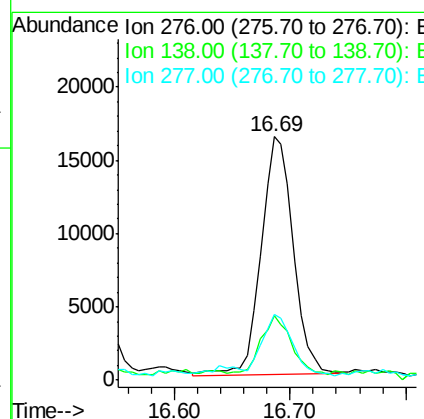
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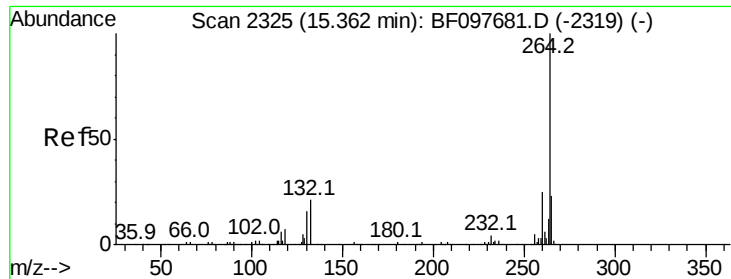
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.325 ng
RT: 16.69 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	27.8	41.6#
277	23.9	20.2	30.4





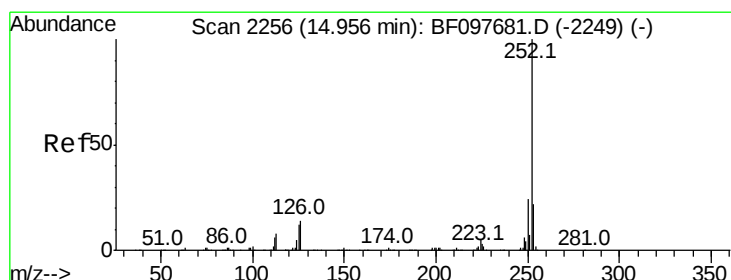
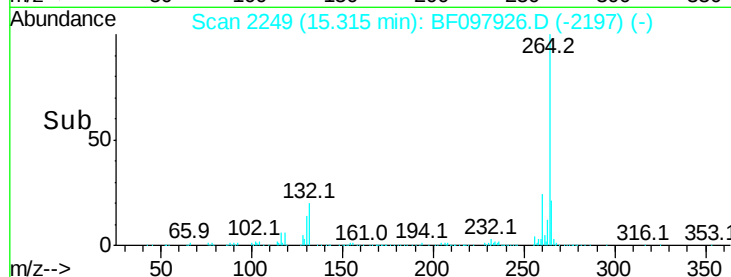
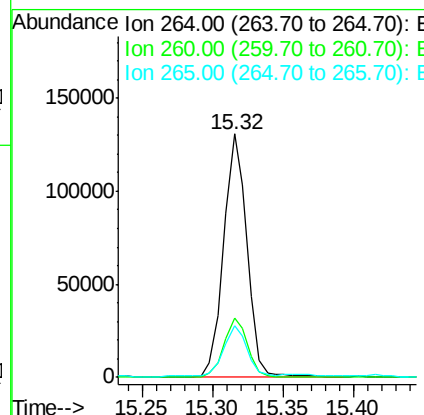
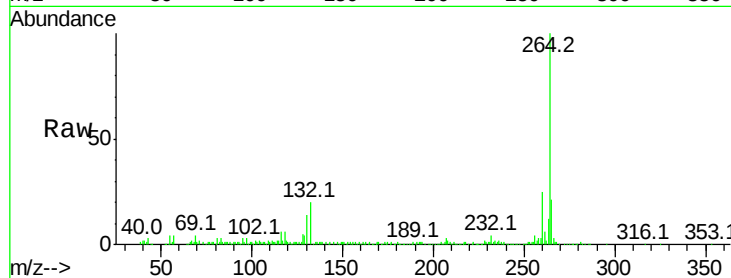
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-L(0-5)COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.4	17.2	25.8

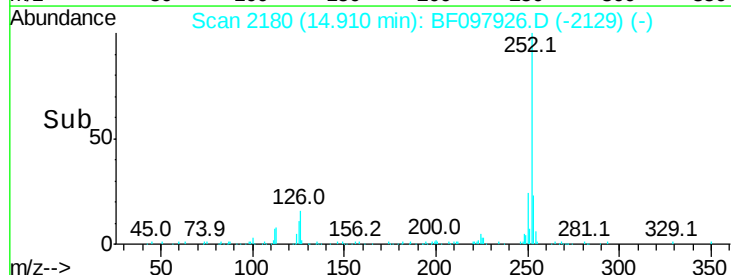
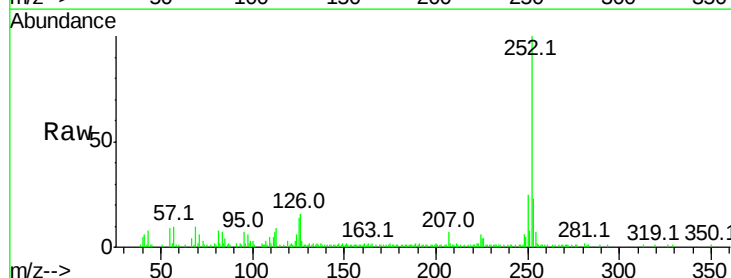
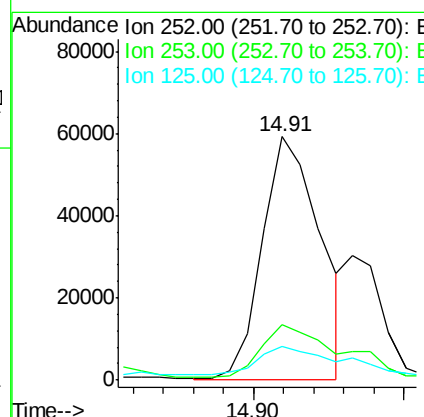
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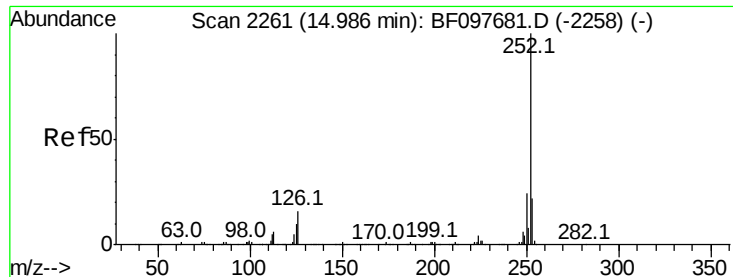
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#87
Benzo(b)fluoranthene
Concen: 8.383 ng m
RT: 14.91 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	13.6	9.8	14.8





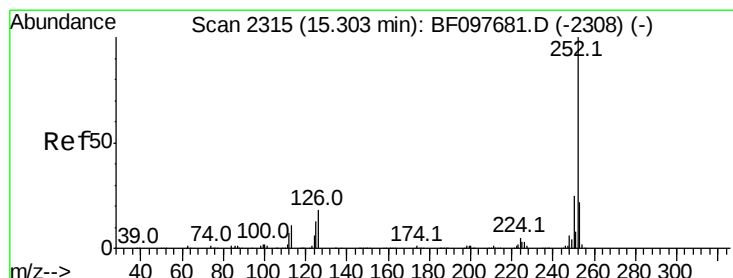
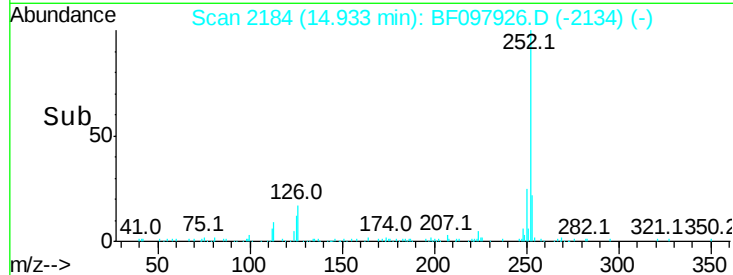
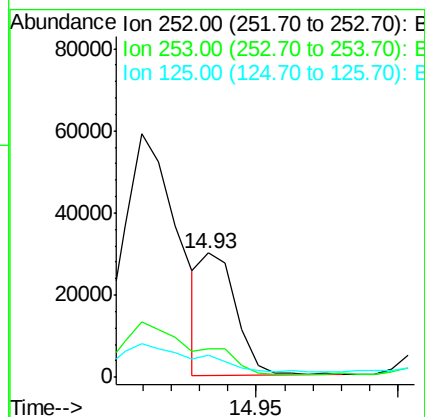
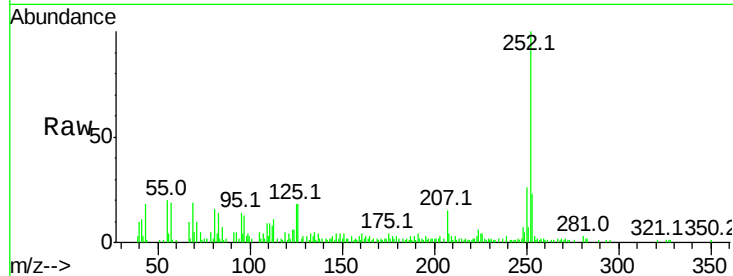
#88
Benzo(k)fluoranthene
Concen: 2.866 ng/mL
RT: 14.93 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-L(0-5)COMP

Tot Ion:	252	Resp:	25569
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.4	27.6
125	17.5	13.1	19.7

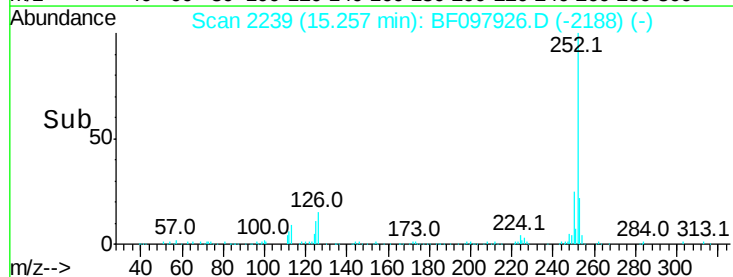
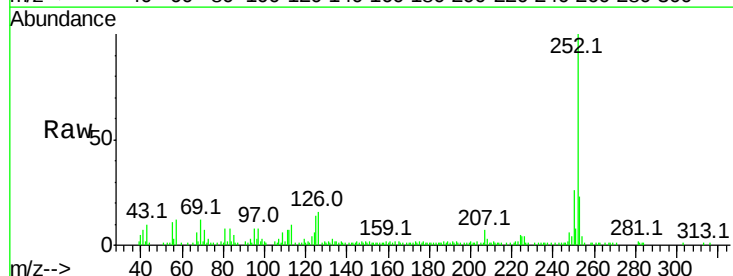
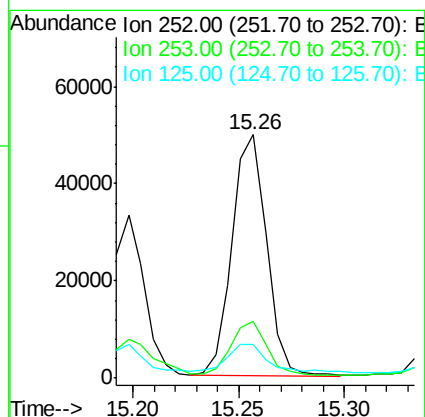
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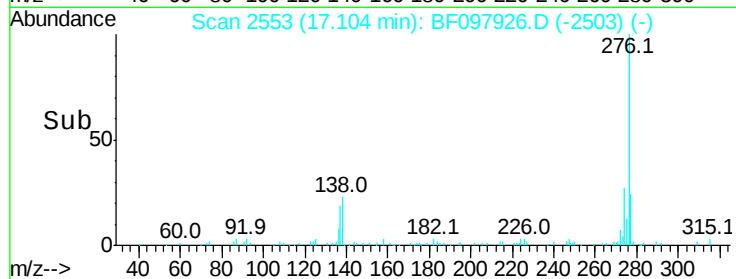
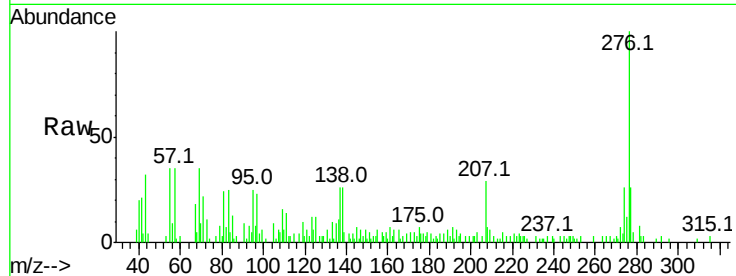
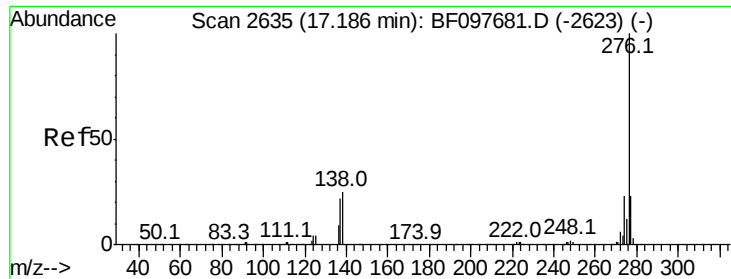
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#89
Benzo(a)pyrene
Concen: 6.670 ng/mL
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF097926.D
Acq: 22 Aug 2017 00:58

Tgt Ion:	252	Resp:	56069
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.5	26.3
125	13.8	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 4.292 ng
 RT: 17.10 min Scan# 2553
 Delta R.T. -0.01 min
 Lab File: BF097926.D
 Acq: 22 Aug 2017 00:58

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-L(0-5)COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.6	28.0
138	25.7	25.4	38.0

Manual Integrations
 APPROVED

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