

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097965.D
 Acq On : 22 Aug 2017 20:38
 Operator : SJ/JU
 Sample : I4889-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 8/23/2017 3:03:47 PM

Quant Time: Aug 23 01:44:49 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	143080	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	562769	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	241796	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	405147	20.00	ng	0.00
75) Chrysene-d12	13.90	240	287577	20.00	ng	0.00
86) Perylene-d12	15.32	264	270125	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	562240	59.77	ng	0.00
7) Phenol-d6	6.38	99	750373	58.71	ng	0.00
23) Nitrobenzene-d5	7.31	82	587093	56.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	116813	55.68	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	862357	52.40	ng	0.00
78) Terphenyl-d14	12.85	244	542731	39.36	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.50	163	72110	4.080	ng	97
74) Fluoranthene	12.47	202	67592	3.000	ng	98
77) Pyrene	12.70	202	69889	2.971	ng	95
80) Benzo(a)anthracene	13.89	228	42741	2.480	ng	93
82) Chrysene	13.92	228	42981m	2.507	ng	
85) Indeno(1,2,3-cd)pyrene	16.69	276	34016	2.697	ng	# 90
87) Benzo(b)fluoranthene	14.91	252	75576m	4.439	ng	
89) Benzo(a)pyrene	15.26	252	63574	4.218	ng	97
91) Benzo(g,h,i)perylene	17.10	276	34668	2.708	ng	92

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

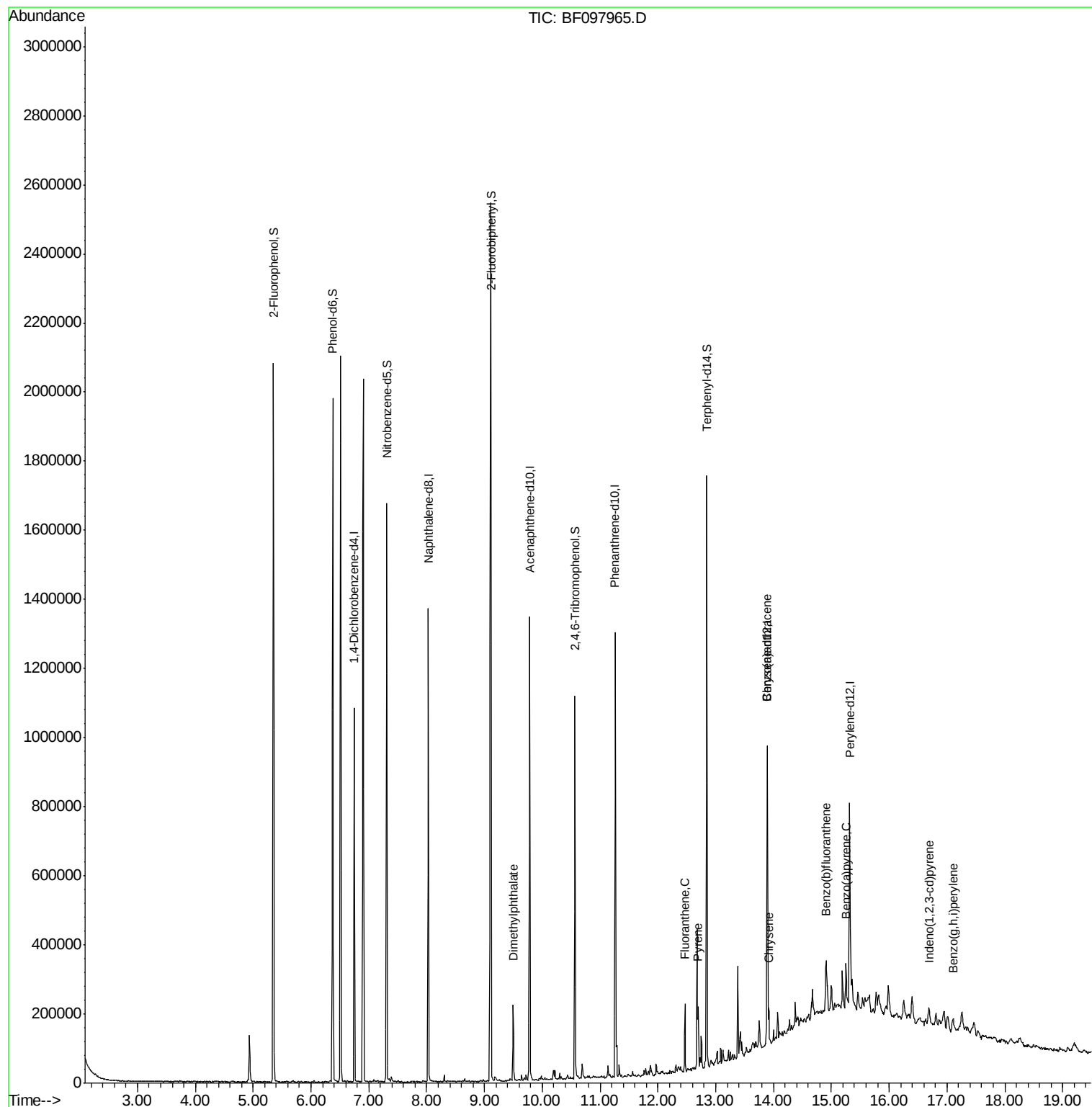
Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097965.D
Acq On : 22 Aug 2017 20:38
Operator : SJ/JU
Sample : I4889-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

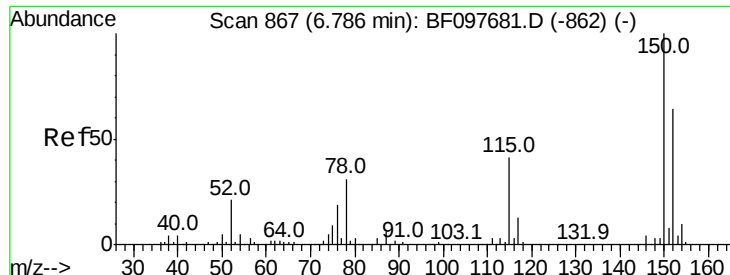
Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-E(0-5)COMP

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Quant Time: Aug 23 01:44:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
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#1

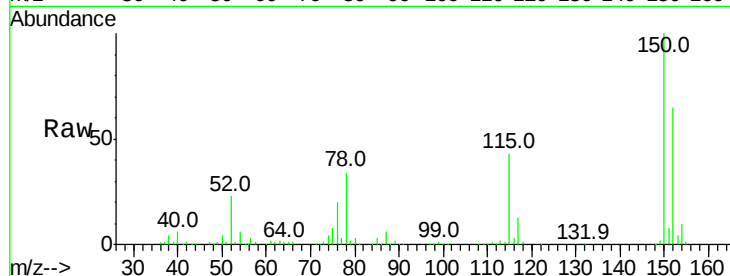
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF097965.D
Acq: 22 Aug 2017 20:38

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

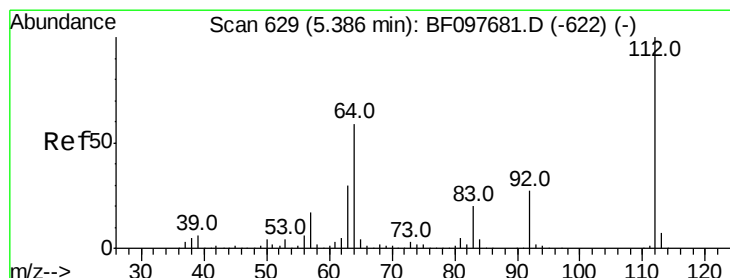
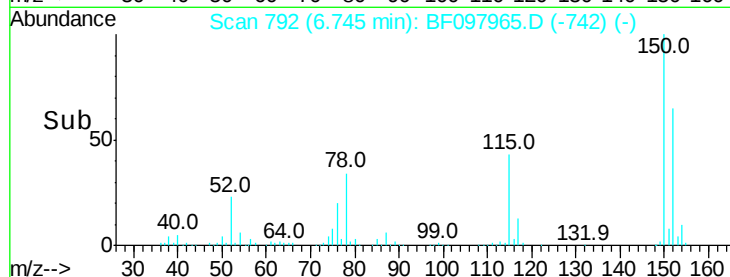
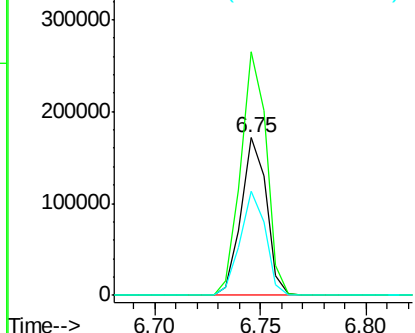
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.2	189.2
115	66.3	52.2	78.2

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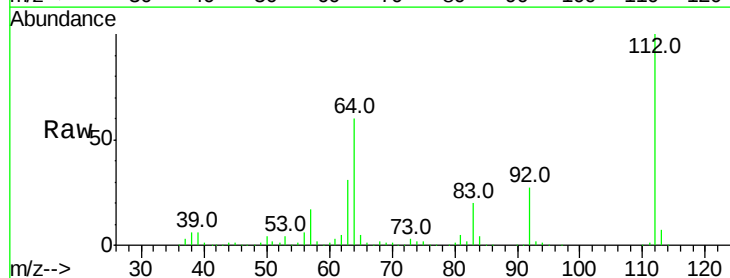
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



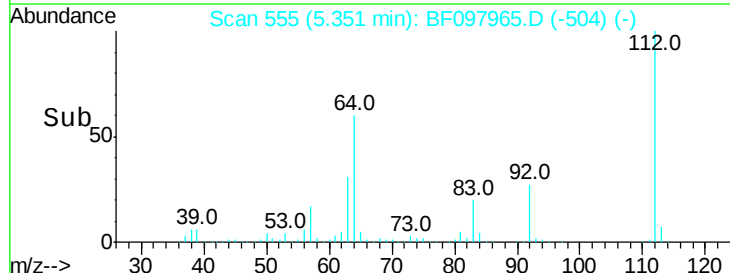
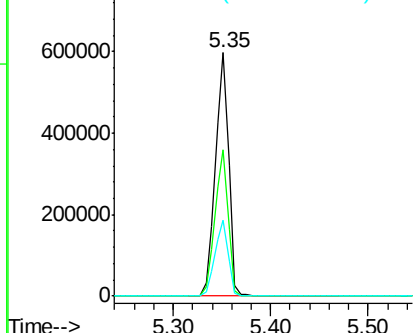
#5

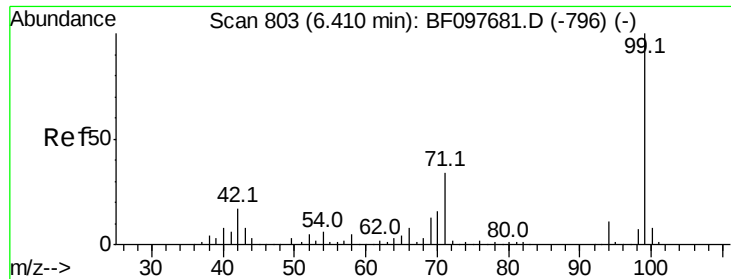
2-Fluorophenol
Concen: 59.771 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF097965.D
Acq: 22 Aug 2017 20:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	46.0	69.0
63	31.3	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: 58.711 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097965.D

Acq: 22 Aug 2017 20:38

Instrument :

BNA_F

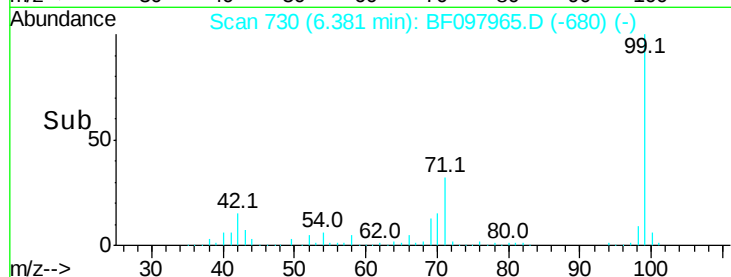
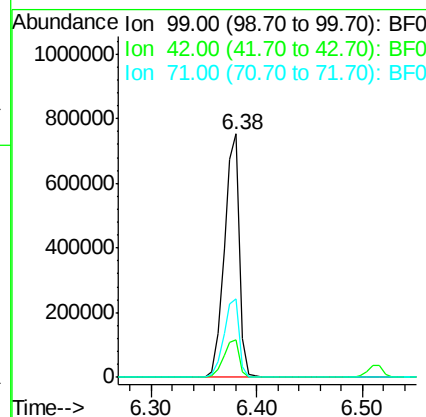
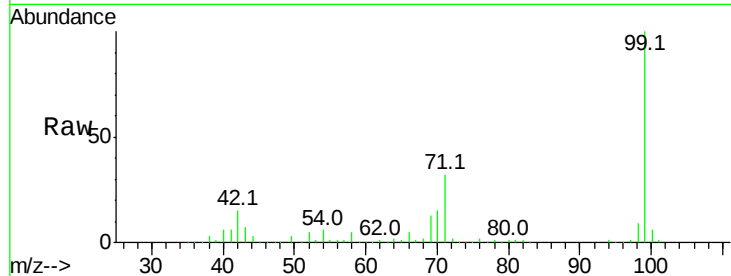
ClientSampleId :

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

Tot Ion:	99	Resp:	750373
Ion Ratio	Lower	Upper	
99	100		
42	15.2	13.5	20.3
71	32.1	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

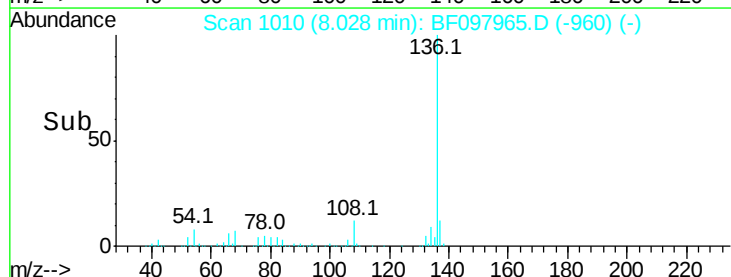
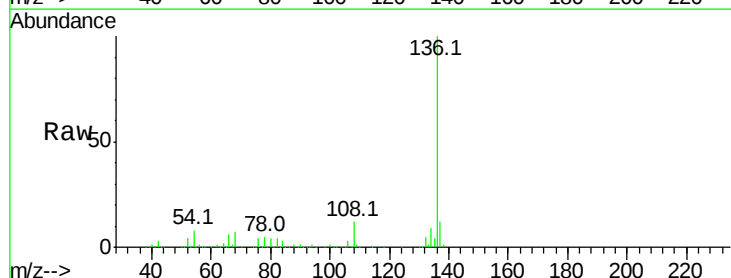
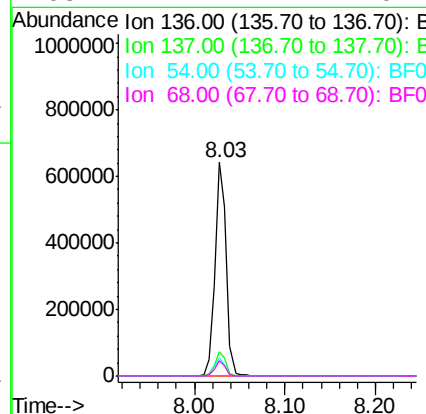
RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF097965.D

Acq: 22 Aug 2017 20:38

Tgt Ion:	136	Resp:	562769
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.5	12.7
54	8.2	4.9	7.3#
68	7.2	4.1	6.1#





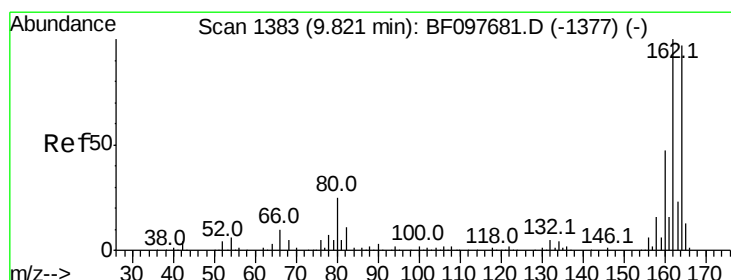
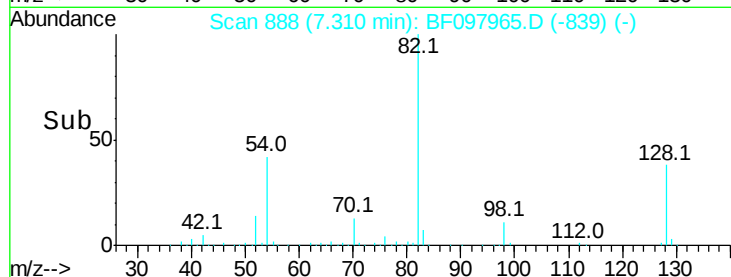
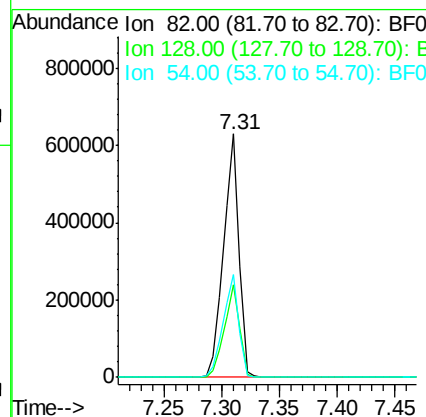
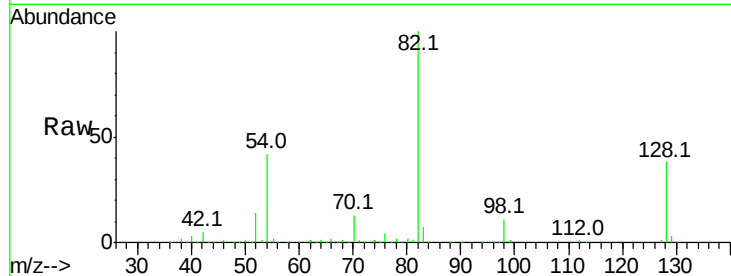
#23
 Nitrobenzene-d5
 Concen: 56.673 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF097965.D
 Acq: 22 Aug 2017 20:38

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.9	34.0	51.0	
54	42.0	42.2	63.2	

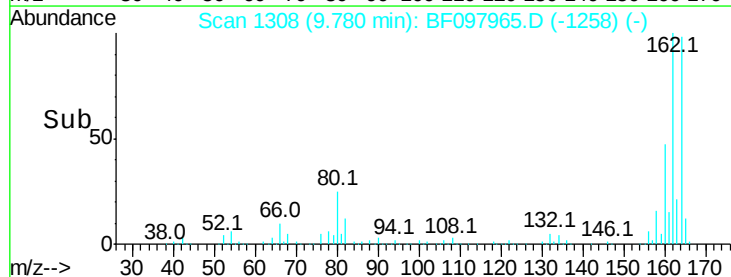
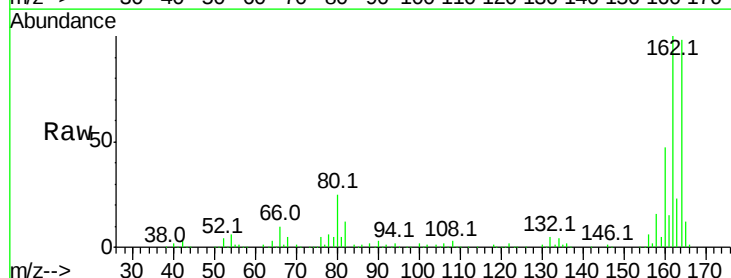
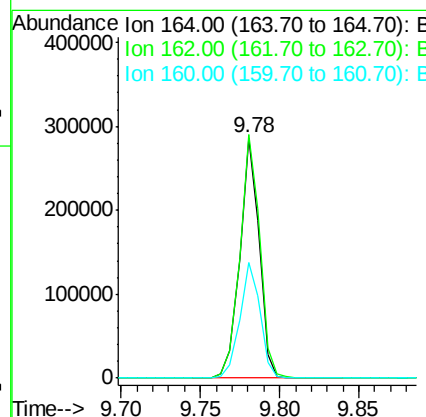
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097965.D
 Acq: 22 Aug 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.5	82.6	123.8	
160	48.1	36.2	54.2	





#41

2,4,6-Tribromophenol

Concen: 55.679 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF097965.D

Acq: 22 Aug 2017 20:38

Instrument :

BNA_F

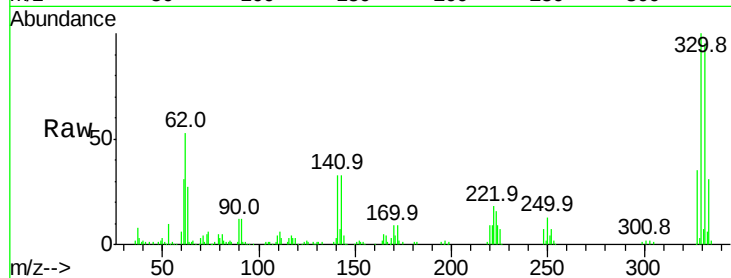
ClientSampleId :

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

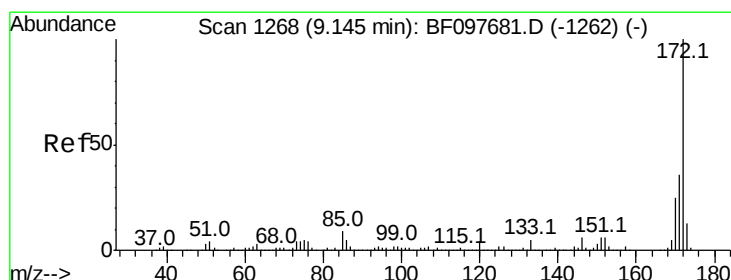
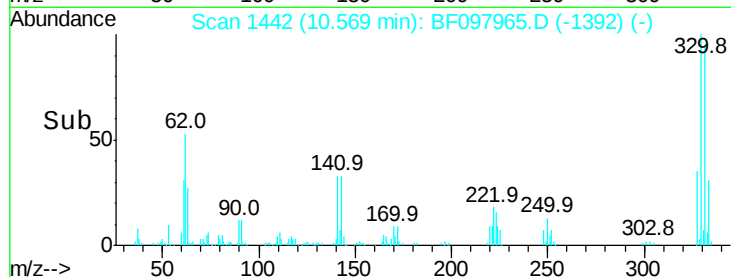
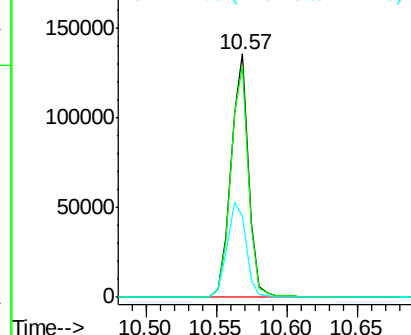
Tot Ion:	330	Resp:	116813
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.6	115.0
141	42.6	31.4	47.2

Manual Integrations
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 52.399 ng

RT: 9.11 min Scan# 1194

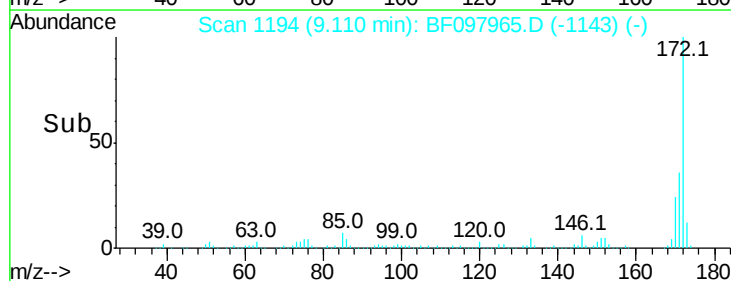
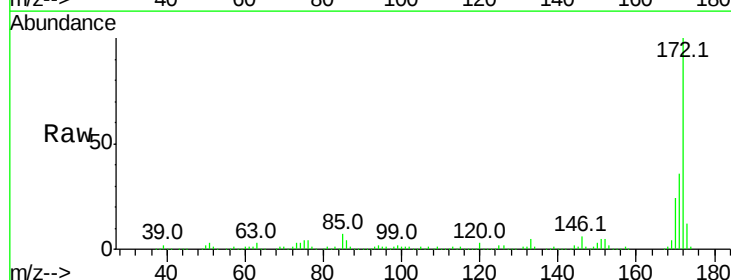
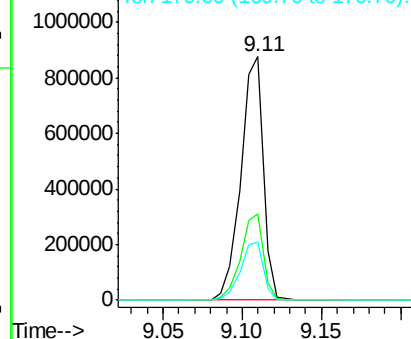
Delta R.T. 0.00 min

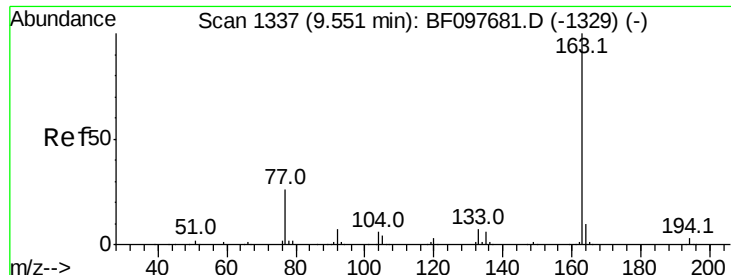
Lab File: BF097965.D

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Tgt Ion:	172	Resp:	862357
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.6	44.4
170	24.0	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





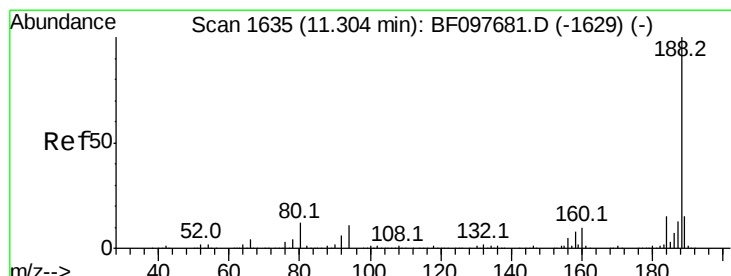
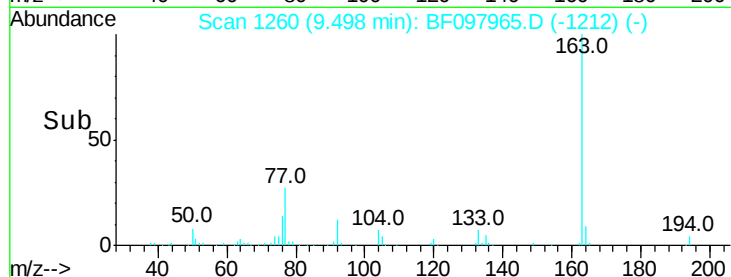
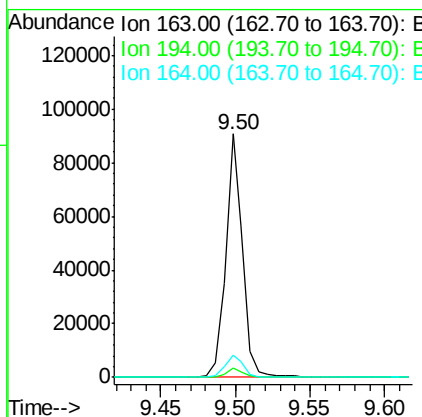
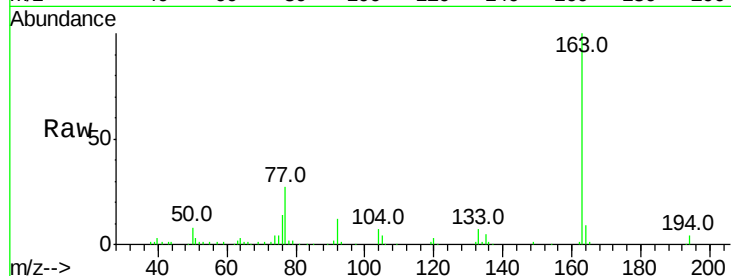
#49
Dimethylphthalate
Concen: 4.080 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF097965.D
Acq: 22 Aug 2017 20:38

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	72110		
194	3.6		2.6	4.0
164	9.1		8.4	12.6

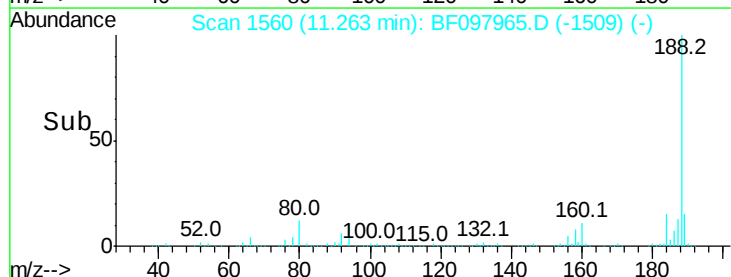
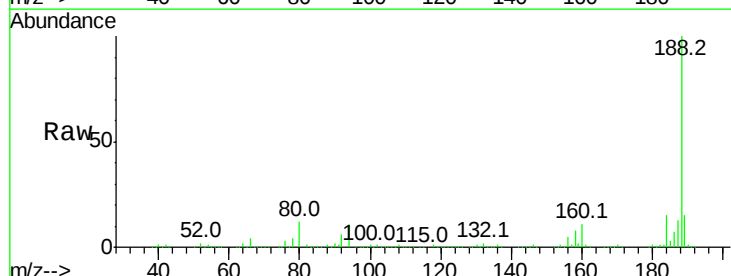
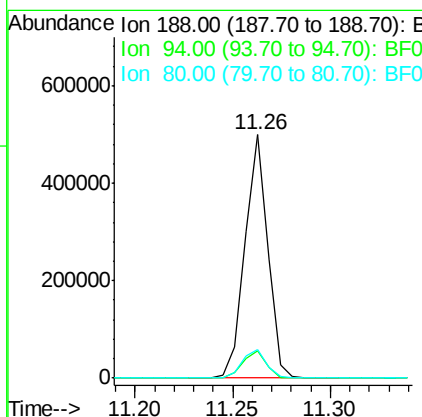
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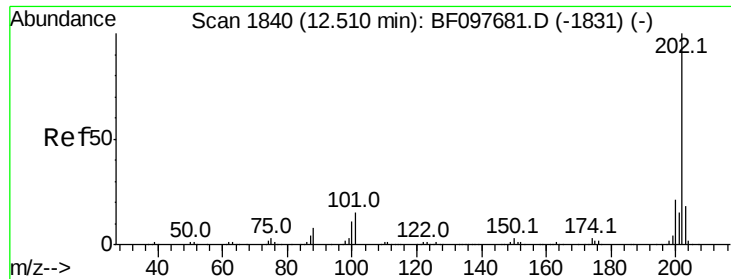
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF097965.D
Acq: 22 Aug 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	405147		
94	11.4		9.4	14.2
80	12.0		10.2	15.2





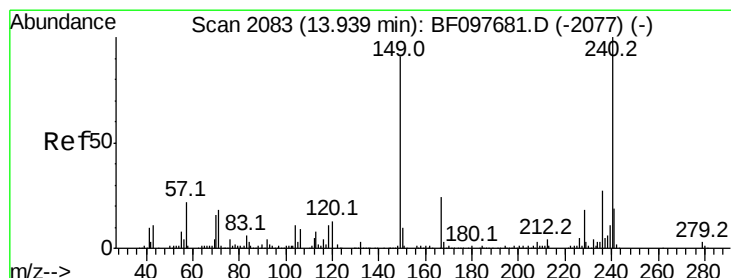
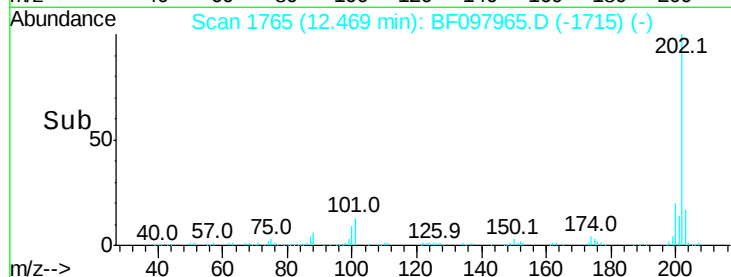
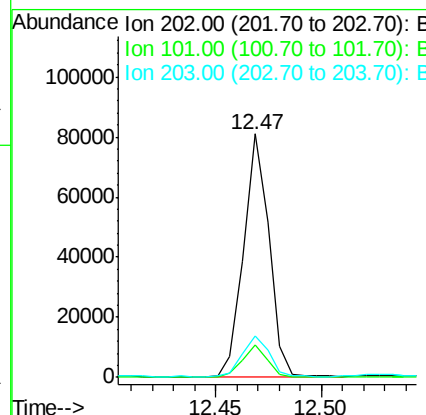
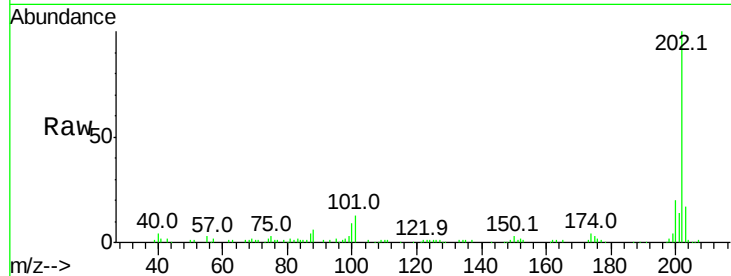
#74
Fluoranthene
 Concen: 3.000 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BF097965.D
 Acq: 22 Aug 2017 20:38

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.3	0.0	33.2
203	16.8	0.0	38.1

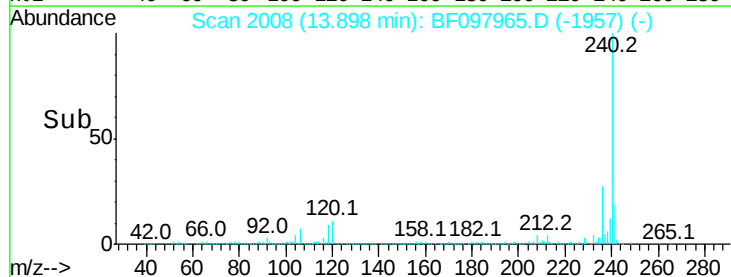
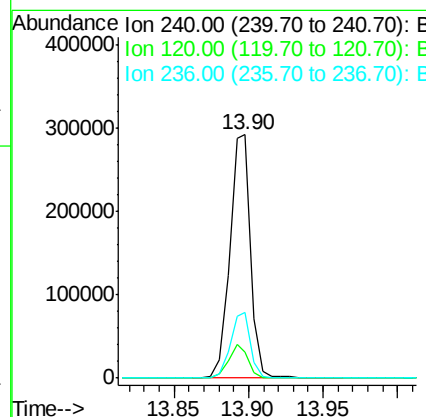
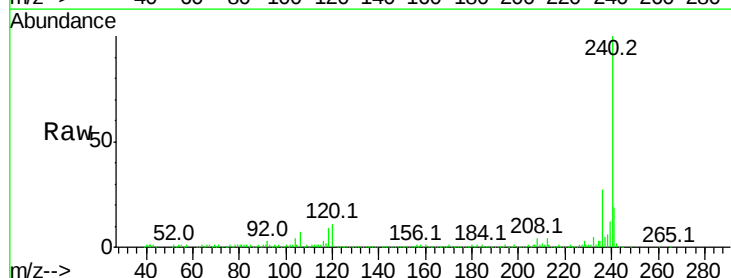
Manual Integrations
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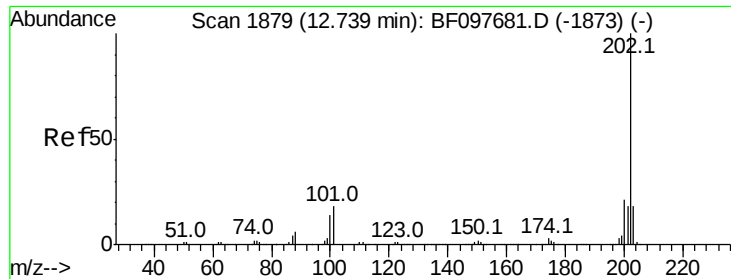
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#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF097965.D
 Acq: 22 Aug 2017 20:38

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.8	5.8	8.8#
236	26.8	20.5	30.7





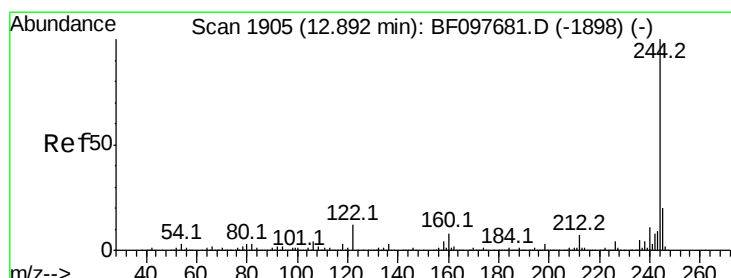
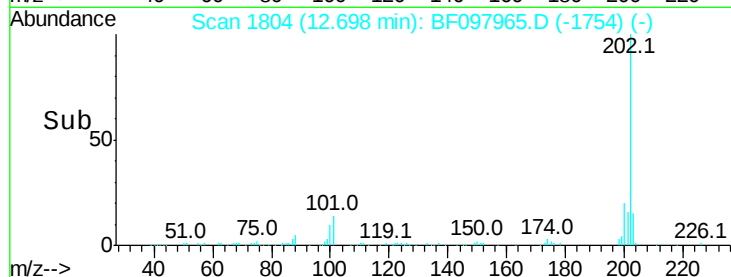
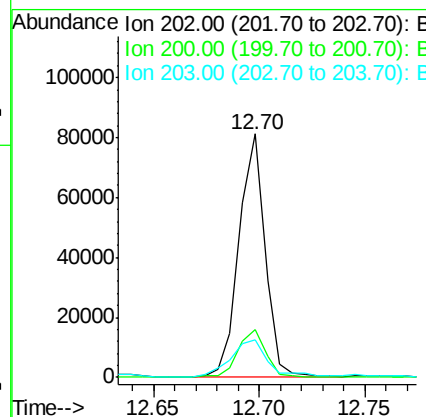
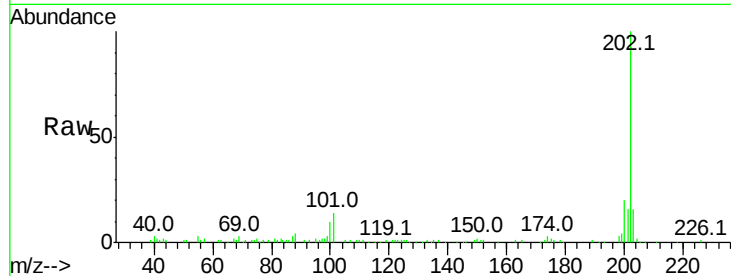
#77
Pvrene
Concen: 2.971 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF097965.D
Acq: 22 Aug 2017 20:38

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.6	26.4
203	15.6	14.4	21.6

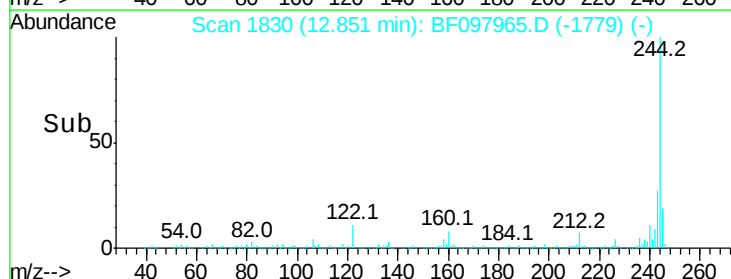
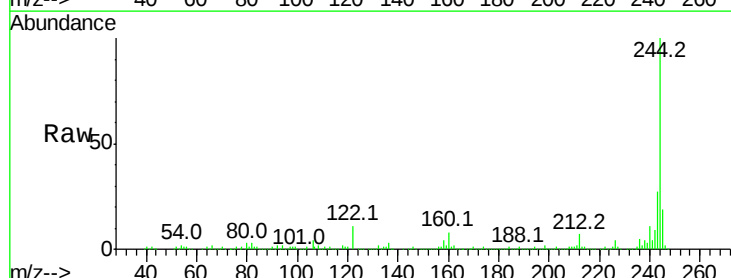
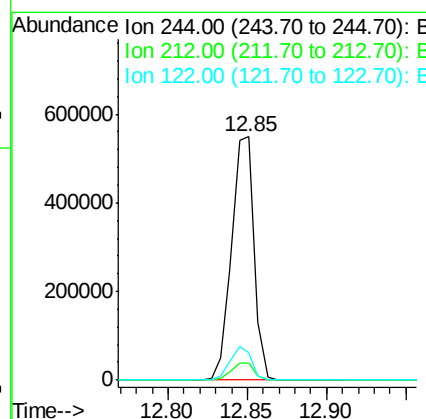
Manual Integrations
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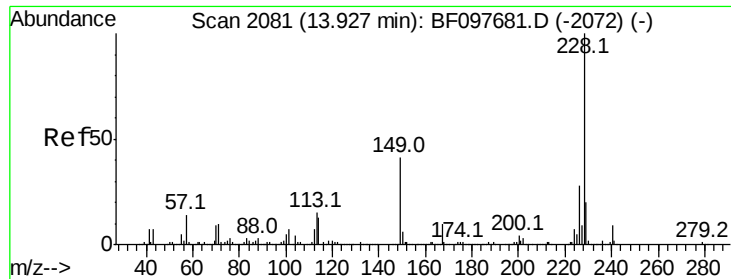
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#78
Terphenyl-d14
Concen: 39.356 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF097965.D
Acq: 22 Aug 2017 20:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.3	10.3	15.5





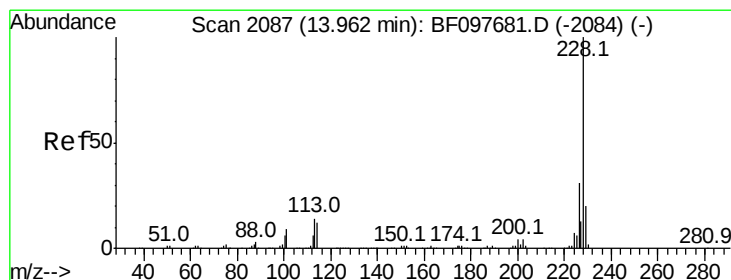
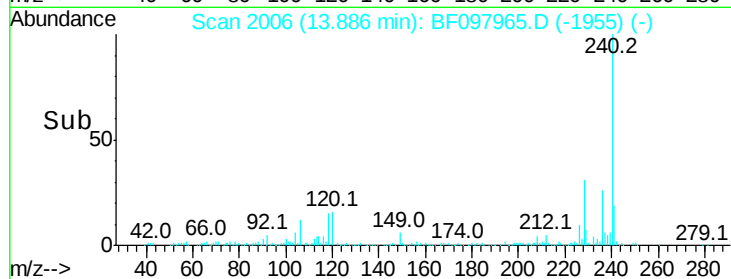
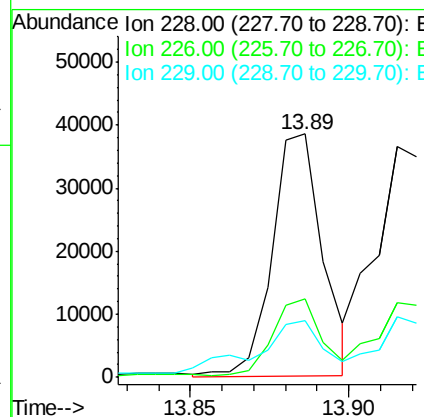
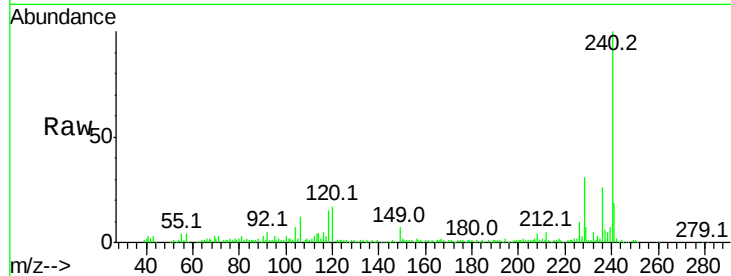
#80
Benzo(a)anthracene
Concen: 2.480 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF097965.D
Acq: 22 Aug 2017 20:38

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.6	33.8
229	23.3	16.3	24.5

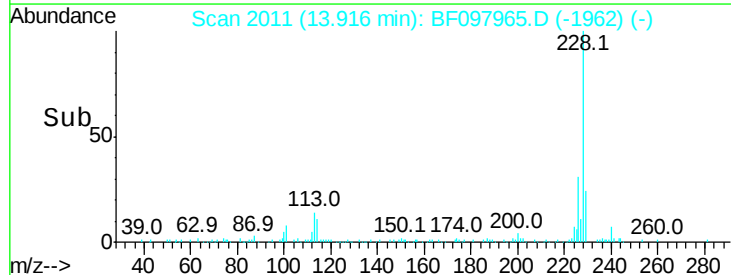
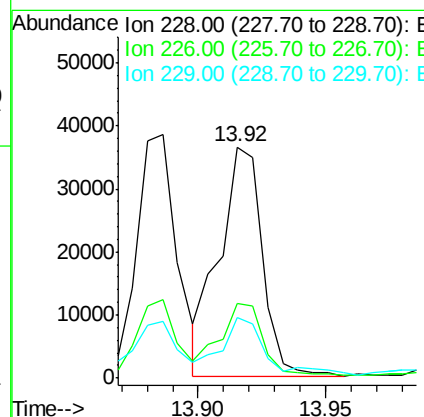
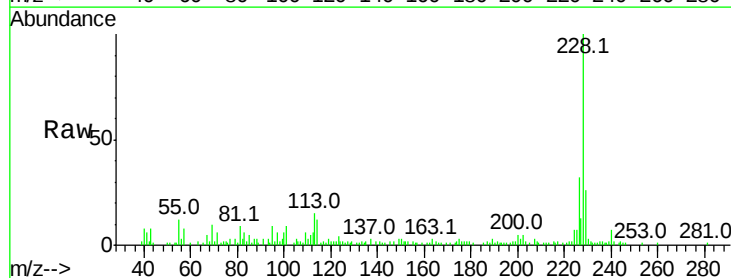
Manual Integrations
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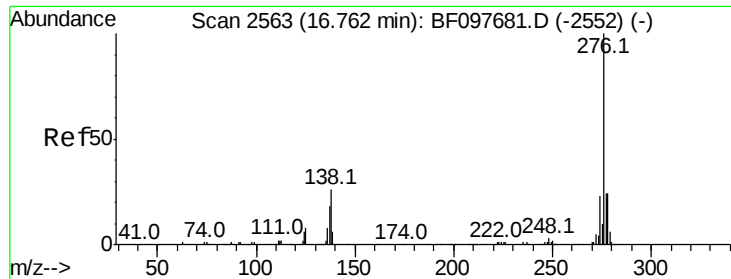
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#82
Chrysene
Concen: 2.507 ng m
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF097965.D
Acq: 22 Aug 2017 20:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	26.2	15.8	23.6





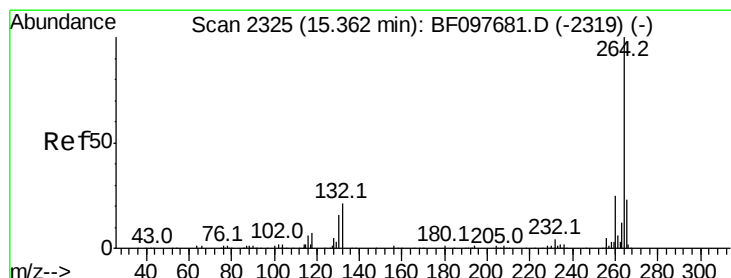
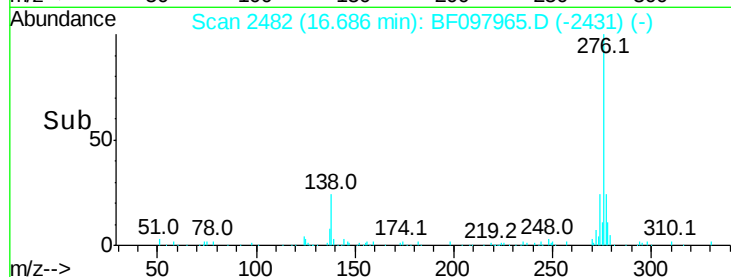
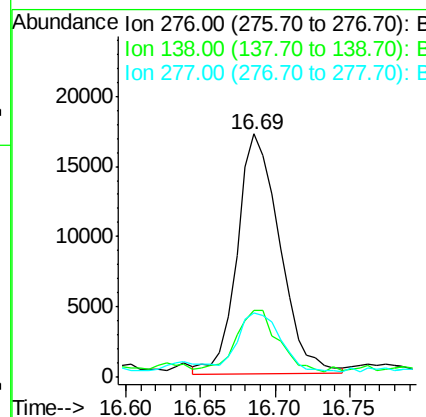
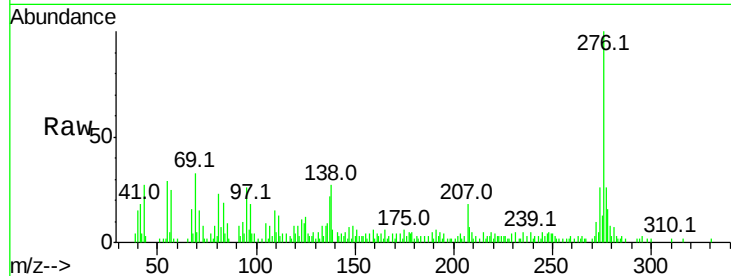
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.697 ng
RT: 16.69 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BF097965.D
Acq: 22 Aug 2017 20:38

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	27.8	41.6#
277	24.8	20.2	30.4

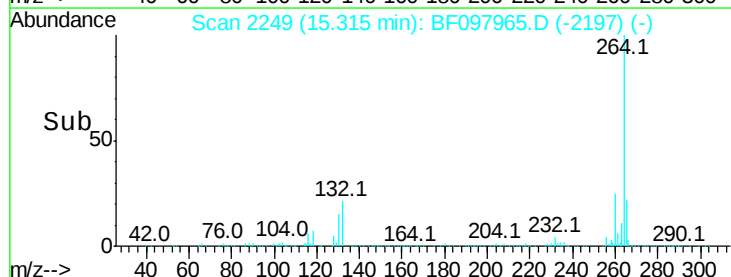
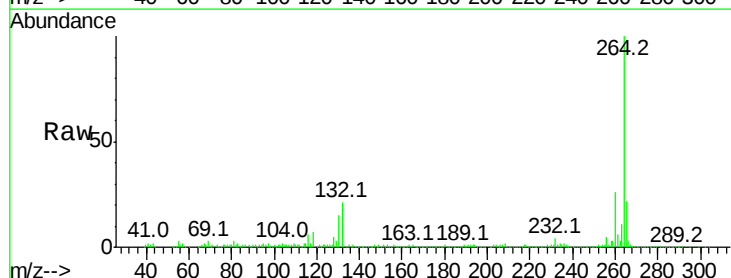
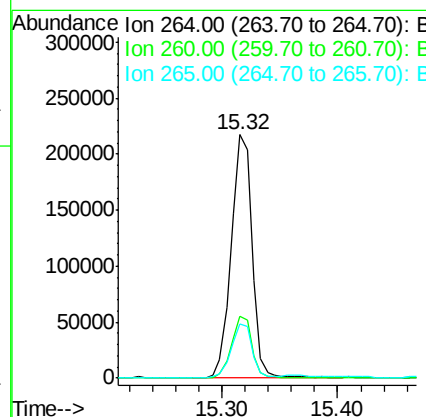
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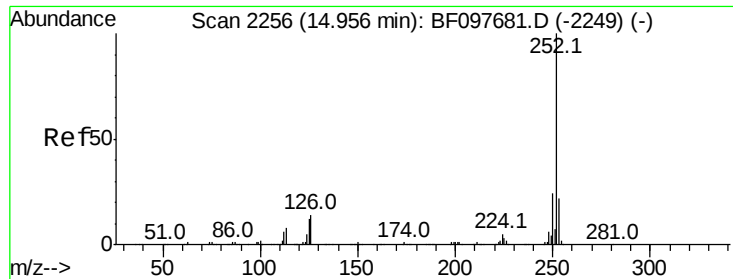
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF097965.D
Acq: 22 Aug 2017 20:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.5	29.3
265	22.3	17.2	25.8





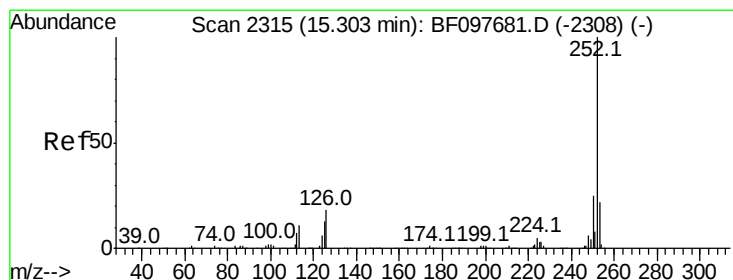
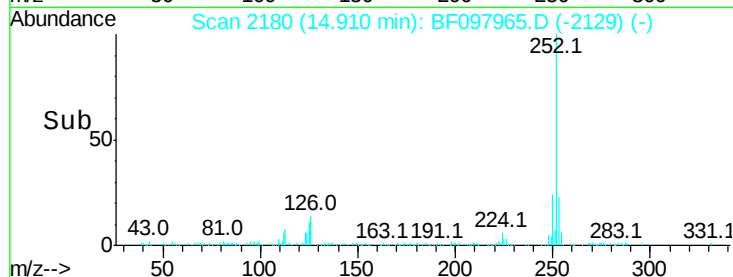
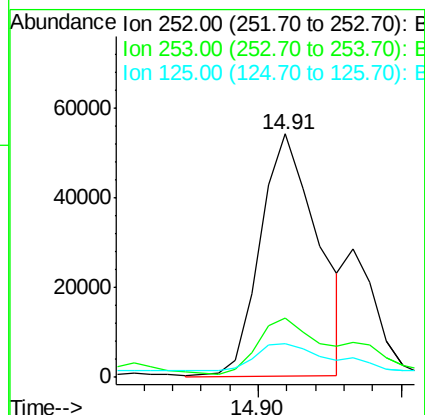
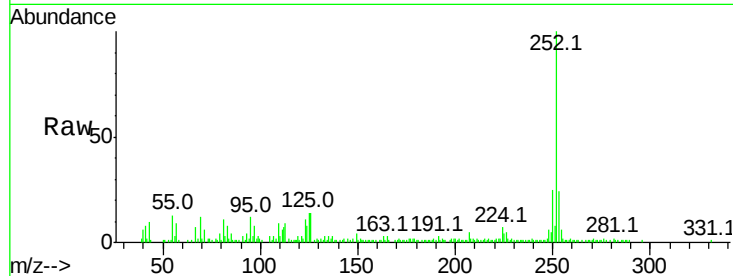
#87
Benzo(b)fluoranthene
Concen: 4.439 ng m
RT: 14.91 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BF097965.D
Acq: 22 Aug 2017 20:38

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	13.7	9.8	14.8

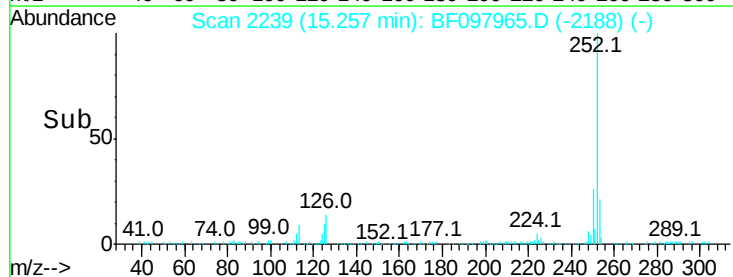
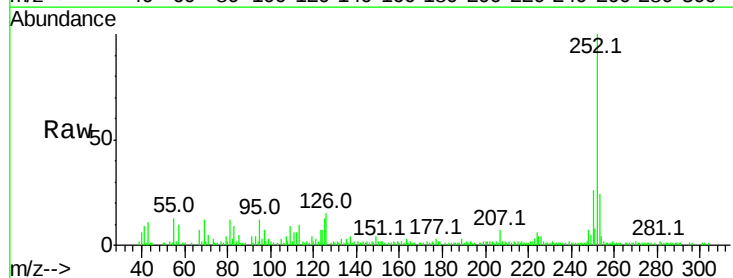
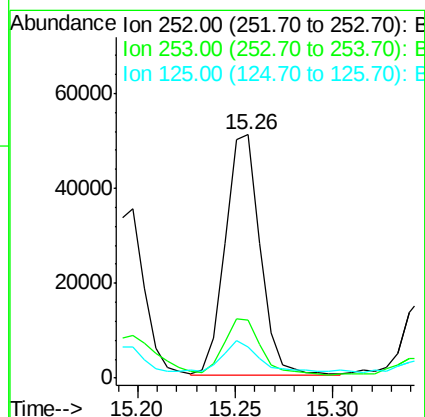
Manual Integrations
APPROVED

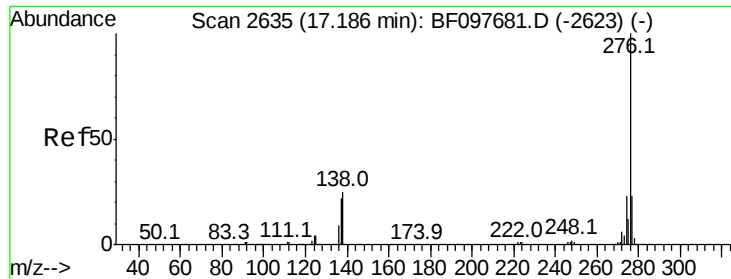
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#89
Benzo(a)pyrene
Concen: 4.218 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF097965.D
Acq: 22 Aug 2017 20:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	12.9	11.0	16.4





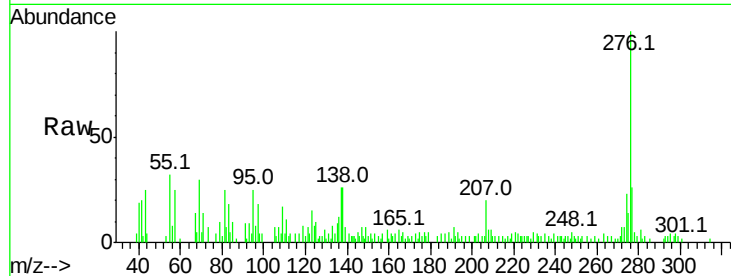
#91
 Benzo(a,h,i)perylene
 Concen: 2.708 ng
 RT: 17.10 min Scan# 2553
 Delta R.T. -0.01 min
 Lab File: BF097965.D
 Acq: 22 Aug 2017 20:38

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

Tot Ion:	276	Resp:	34668
Ion Ratio	Lower	Upper	
276	100		
277	26.1	18.6	28.0
138	26.2	25.4	38.0

Manual Integrations
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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

