

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097484.D
 Acq On : 8 Aug 2017 22:36
 Operator : SJ/JU
 Sample : I4650-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-001-A-COMP

Manual Integrations
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Quant Time: Aug 09 01:50:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	108670	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	464993	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	192170	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	286999	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	196892	20.00	ng	-0.01
86) Perylene-d12	14.87	264	179806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	647694	89.85	ng	0.00
7) Phenol-d6	6.07	99	842671	102.40	ng	-0.01
23) Nitrobenzene-d5	6.98	82	467017	58.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	128433	84.59	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	732140	64.66	ng	0.00
78) Terphenyl-d14	12.49	244	419235	43.41	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.17	163	219402	15.035	ng	99
70) Phenanthrene	10.93	178	140950	9.166	ng	98
71) Anthracene	10.99	178	48941	3.107	ng	97
74) Fluoranthene	12.11	202	235499	15.633	ng	97
77) Pyrene	12.33	202	248717	15.430	ng	100
80) Benzo(a)anthracene	13.52	228	121776	9.559	ng	97
82) Chrysene	13.56	228	120627	9.697	ng	97
83) Bis(2-ethylhexyl)phthalate	13.53	149	57625	5.383	ng	97
85) Indeno(1,2,3-cd)pyrene	16.07	276	54529	5.112	ng	97
87) Benzo(b)fluoranthene	14.52	252	153566m	14.208	ng	
88) Benzo(k)fluoranthene	14.54	252	47623m	4.624	ng	
89) Benzo(a)pyrene	14.82	252	109751	11.095	ng	98
91) Benzo(a,h,i)perylene	16.42	276	52548	6.177	ng	97

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

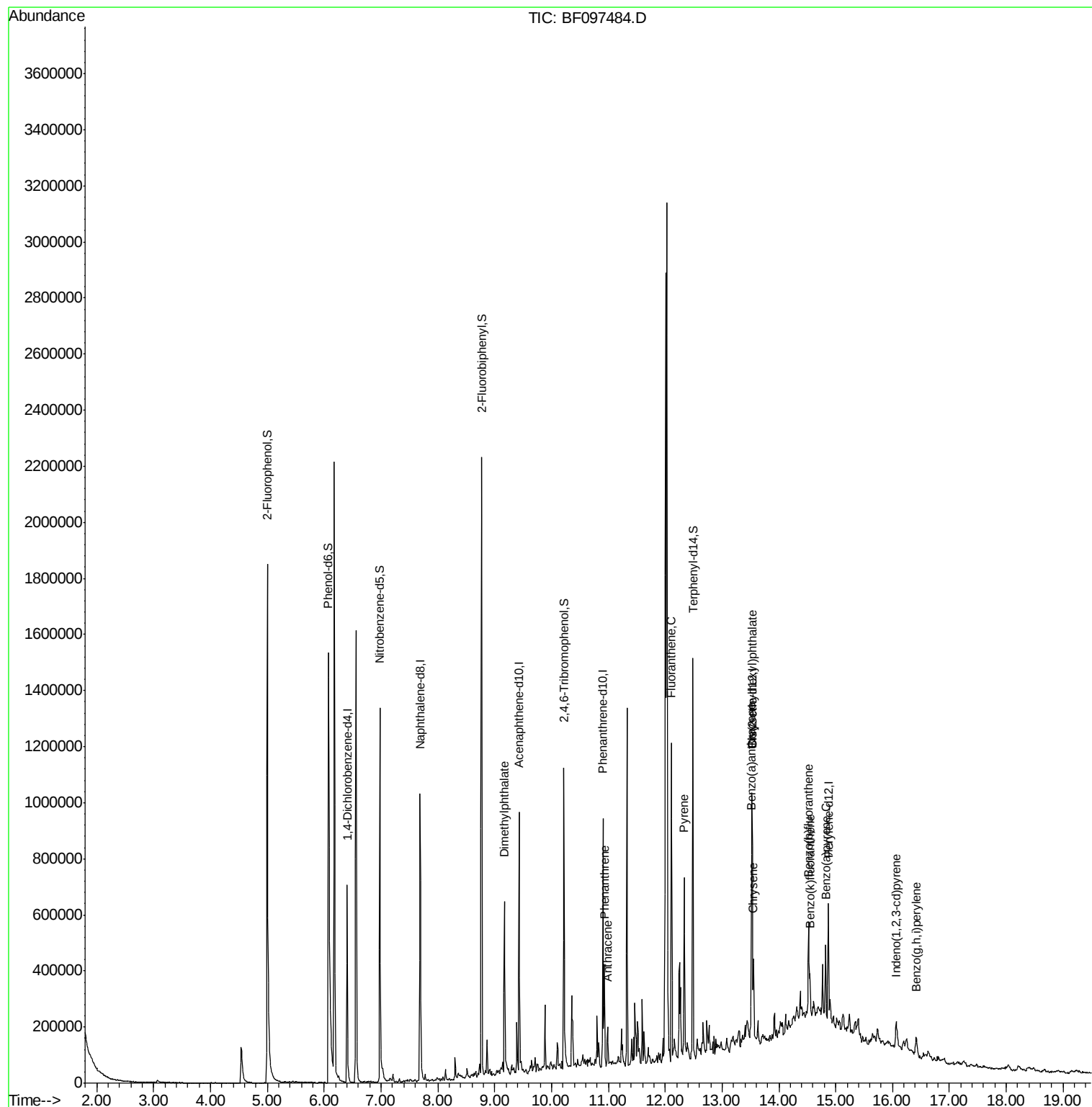
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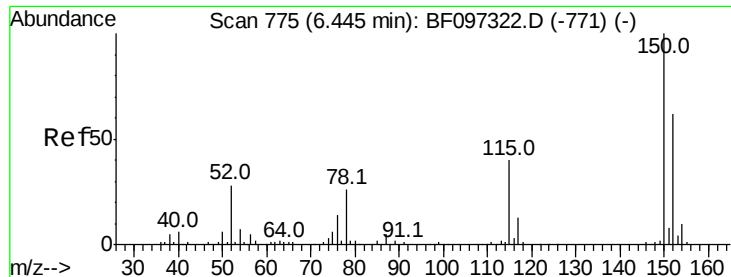
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#1

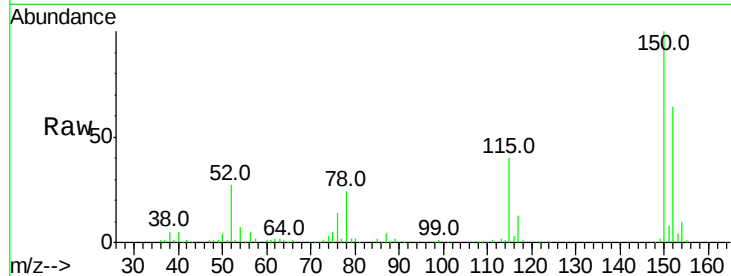
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097484.D
Acq: 8 Aug 2017 22:36

Instrument :
BNA_F
ClientSampleId :
SP-001-A-COMP

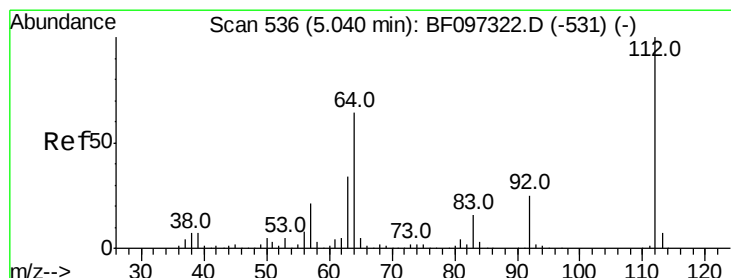
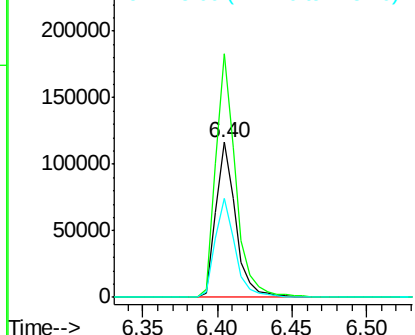
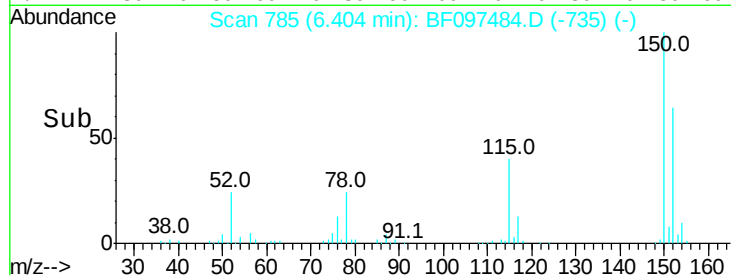
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	63.5	52.2	78.2

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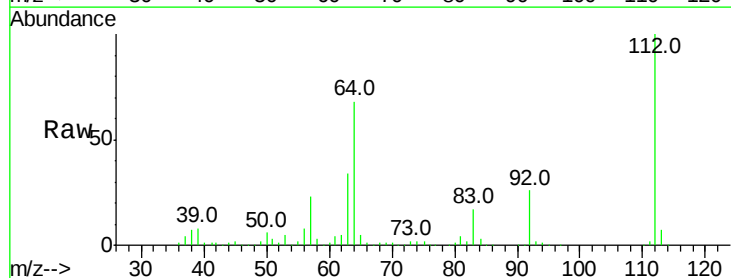
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



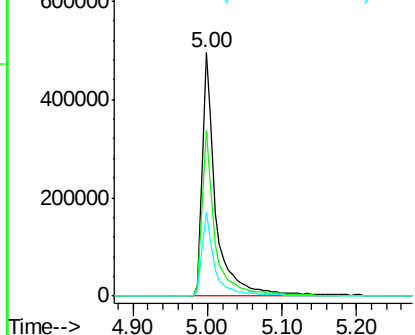
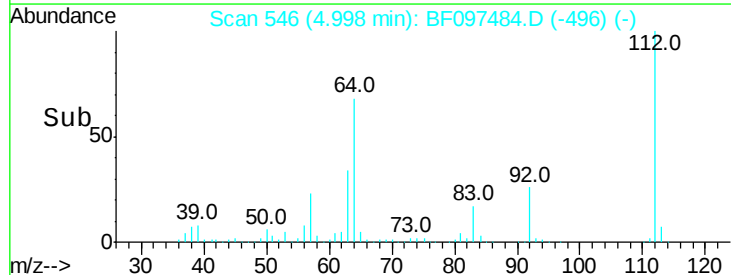
#5

2-Fluorophenol
Concen: 89.849 ng
RT: 5.00 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF097484.D
Acq: 8 Aug 2017 22:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	46.0	69.0
63	34.5	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: 102.396 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097484.D

Acq: 8 Aug 2017 22:36

Instrument :

BNA_F

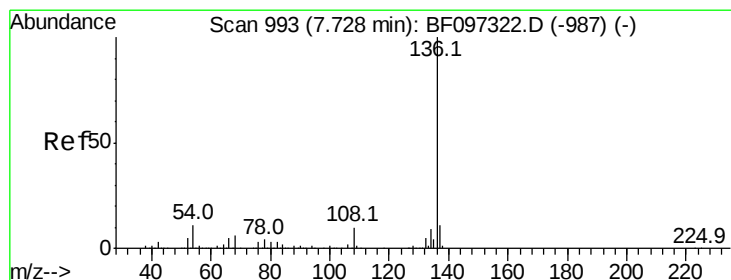
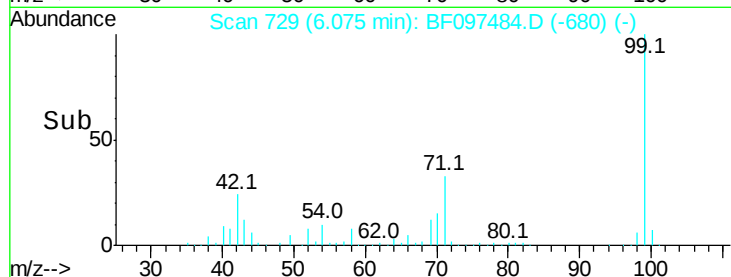
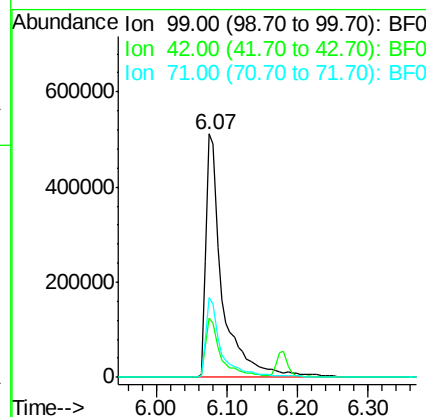
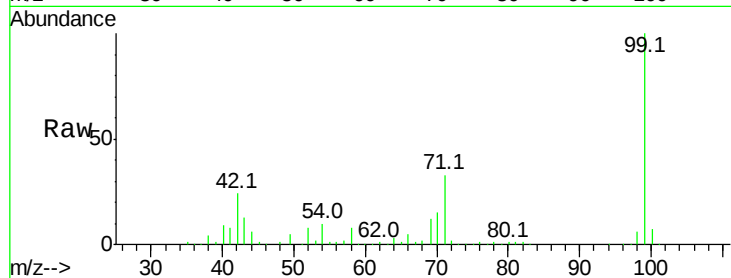
ClientSampleId :

SP-001-A-COMP

Tot Ion:	99	Resp:	842671
Ion Ratio	Lower	Upper	
99	100		
42	24.3	13.5	20.3#
71	32.9	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

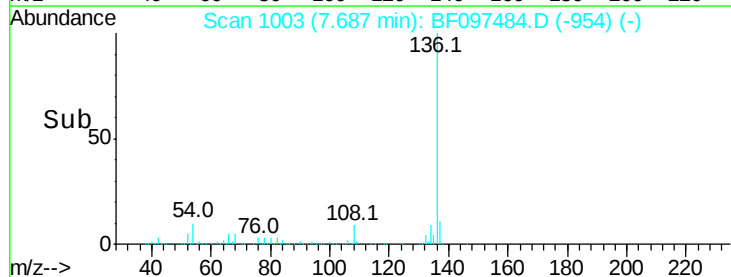
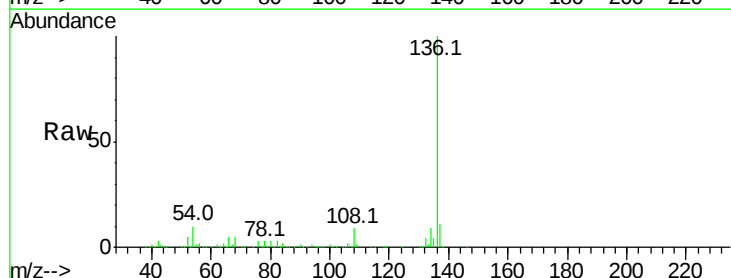
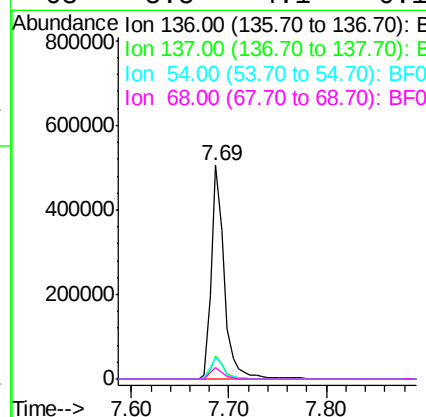
RT: 7.69 min Scan# 1003

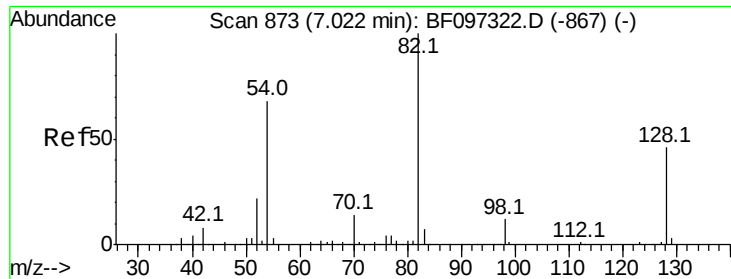
Delta R.T. -0.01 min

Lab File: BF097484.D

Acq: 8 Aug 2017 22:36

Tgt Ion:	136	Resp:	464993
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	10.3	4.9	7.3#
68	5.5	4.1	6.1





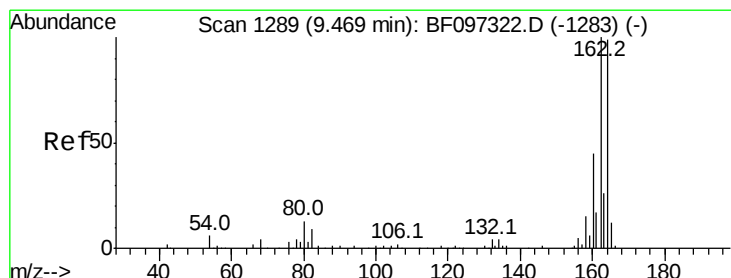
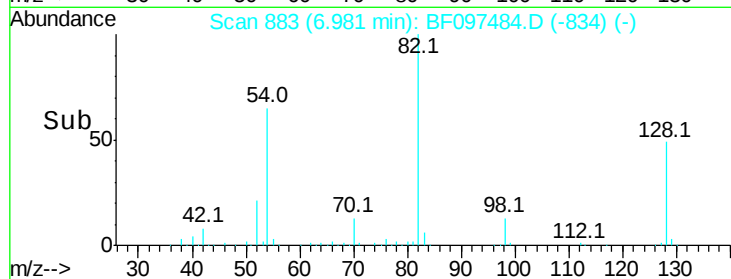
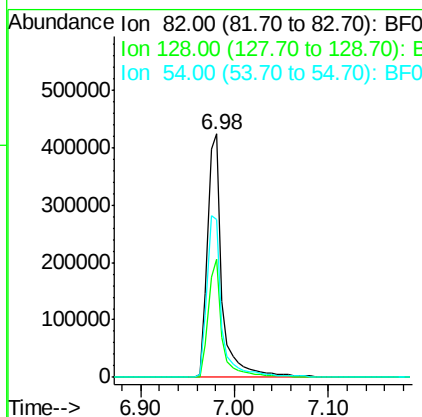
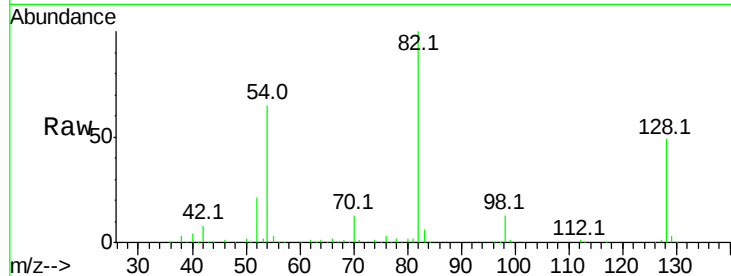
#23
 Nitrobenzene-d5
 Concen: 58.919 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097484.D
 Acq: 8 Aug 2017 22:36

Instrument :
 BNA_F
 ClientSampleId :
 SP-001-A-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.7	34.0	51.0
54	64.6	42.2	63.2

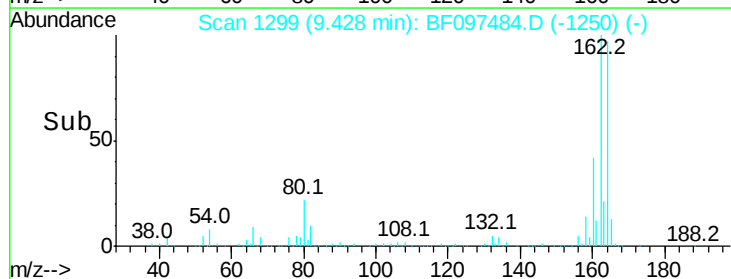
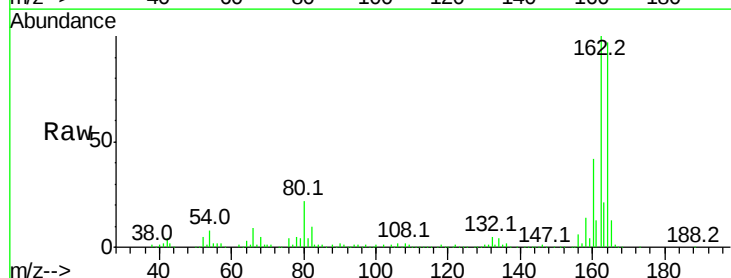
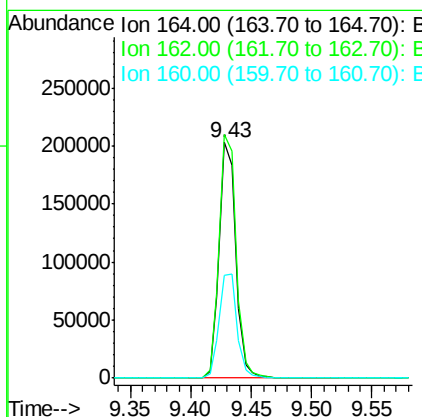
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097484.D
 Acq: 8 Aug 2017 22:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	43.7	36.2	54.2





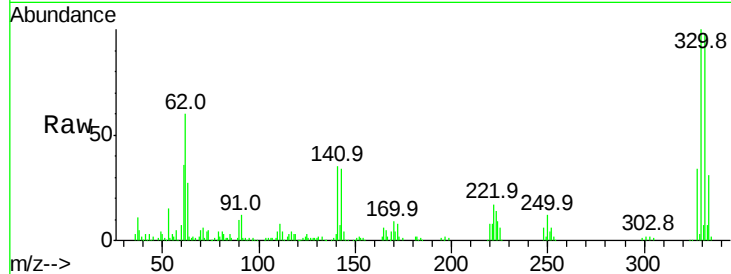
#41
 2,4,6-Tribromophenol
 Concen: 84.588 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097484.D
 Acq: 8 Aug 2017 22:36

Instrument :
 BNA_F
 ClientSampleId :
 SP-001-A-COMP

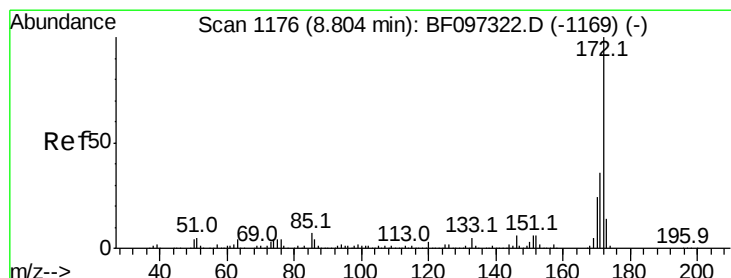
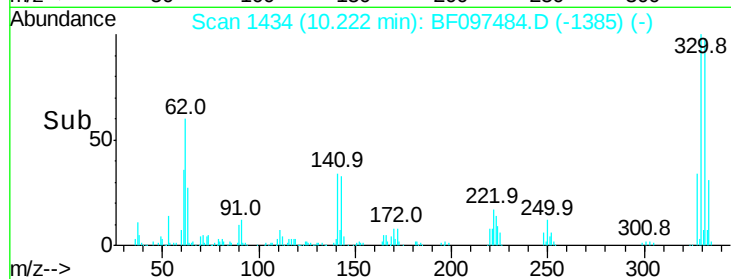
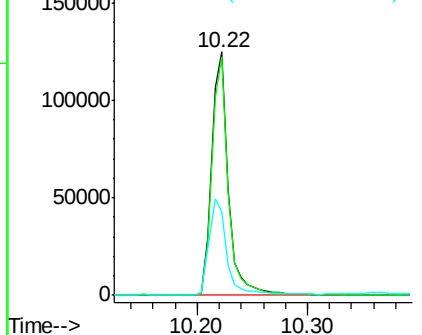
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	76.6	115.0	
141	40.7	31.4	47.2	

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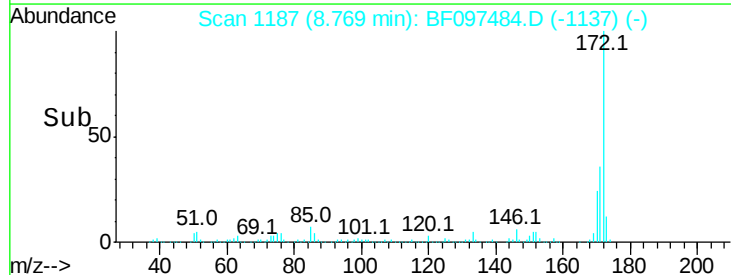
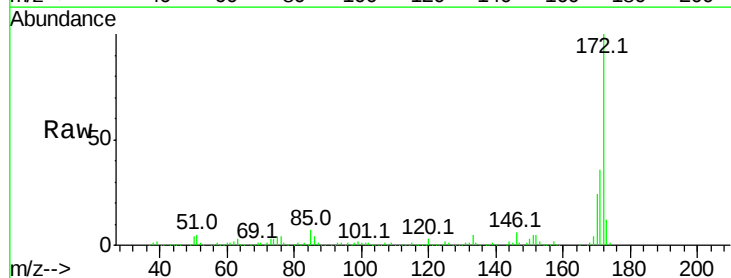
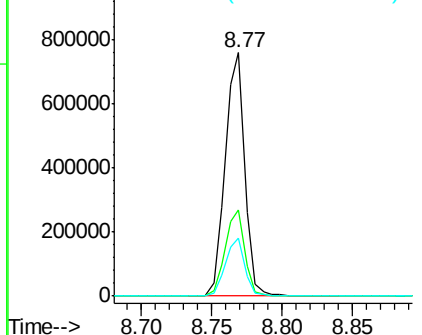
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

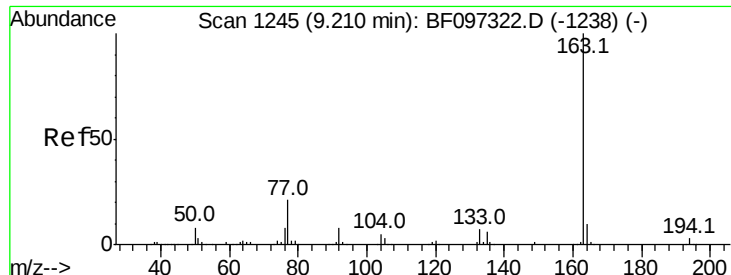


#44
 2-Fluorobiphenyl
 Concen: 64.657 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097484.D
 Acq: 8 Aug 2017 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.7	29.6	44.4	
170	23.6	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





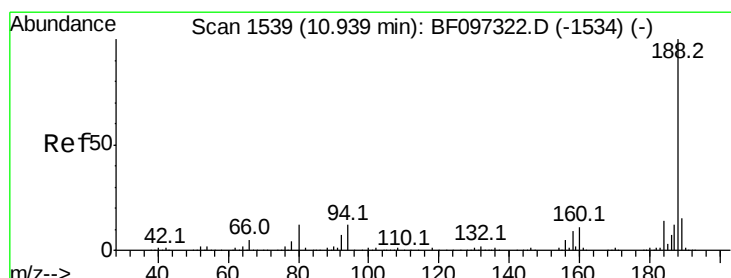
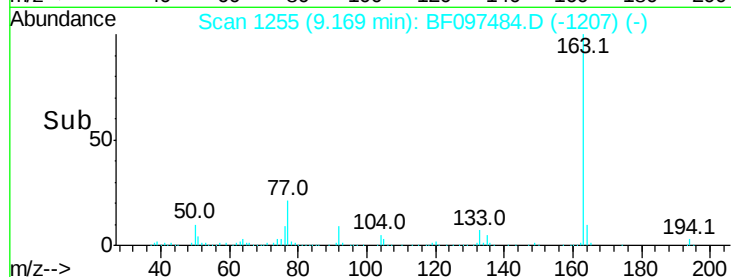
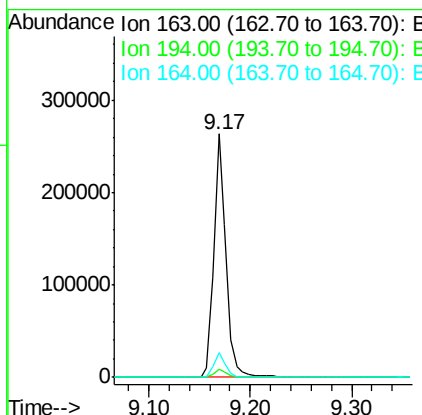
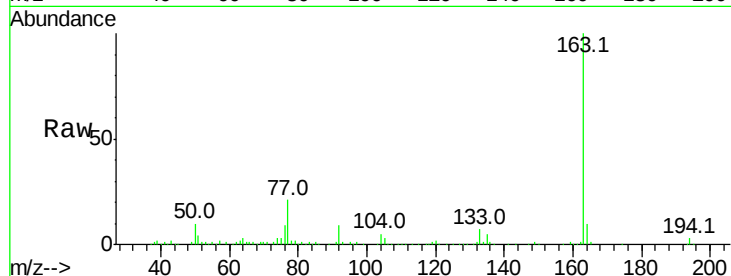
#49
Dimethylphthalate
Concen: 15.035 ng
RT: 9.17 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF097484.D
Acq: 8 Aug 2017 22:36

Instrument :
BNA_F
ClientSampleId :
SP-001-A-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	219402		
194	3.1		2.6	4.0
164	10.2		8.4	12.6

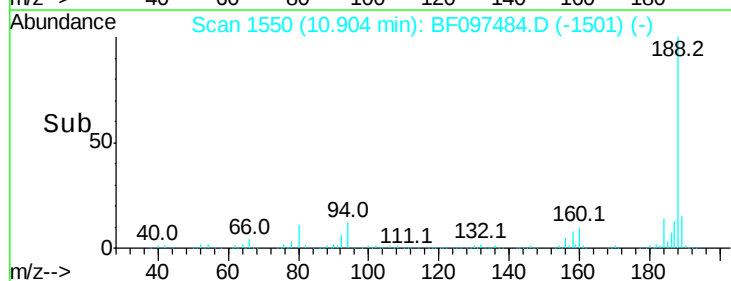
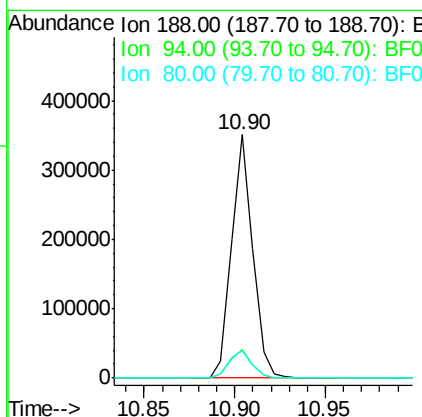
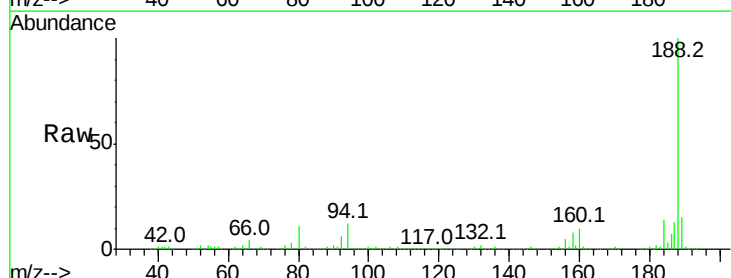
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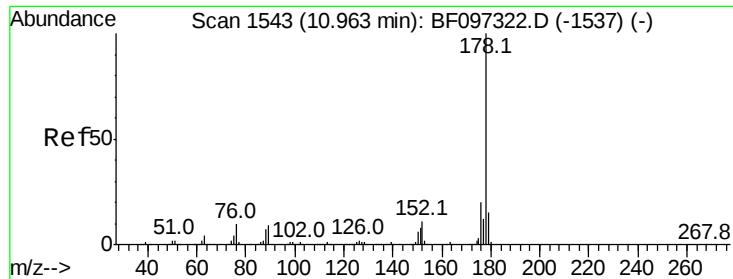
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097484.D
Acq: 8 Aug 2017 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	286999		
94	11.8		9.4	14.2
80	11.4		10.2	15.2





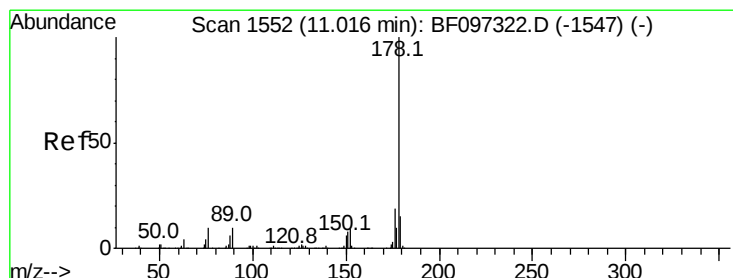
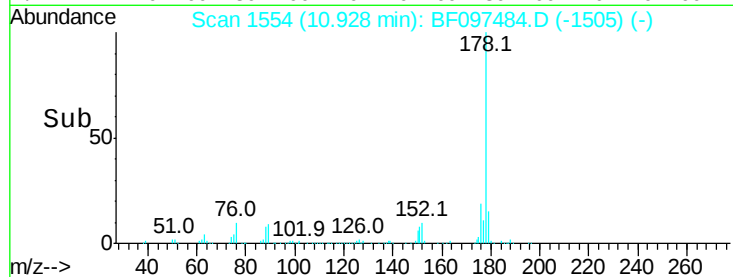
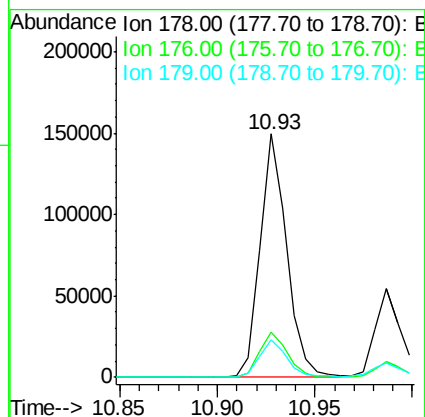
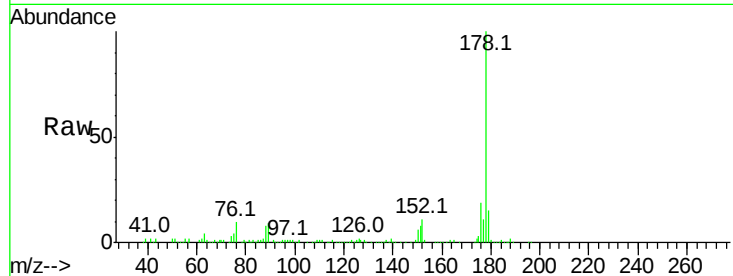
#70
Phenanthrene
Concen: 9.166 ng
RT: 10.93 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF097484.D
Acq: 8 Aug 2017 22:36

Instrument :
BNA_F
ClientSampleId :
SP-001-A-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	15.5	12.6	19.0

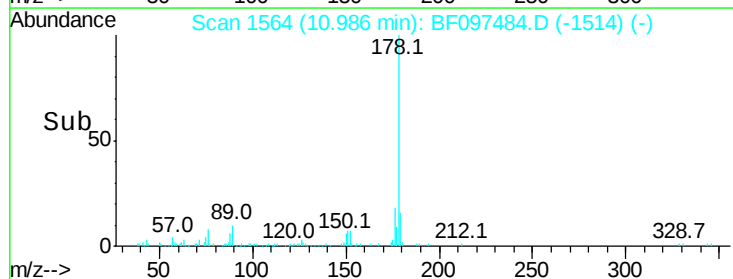
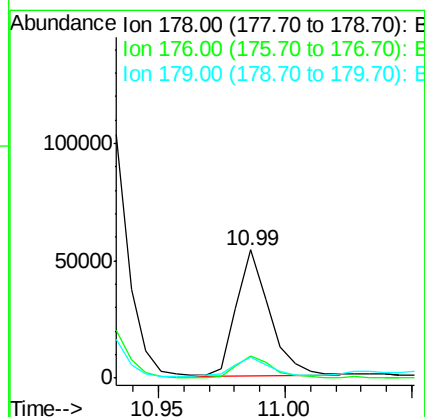
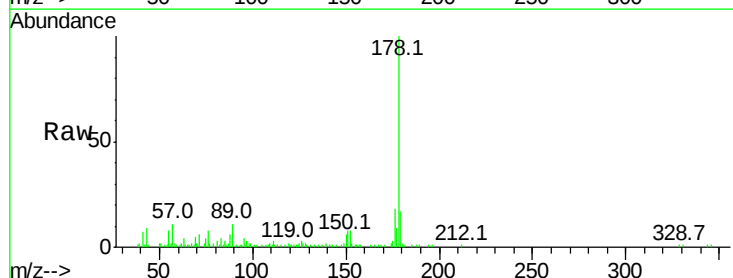
Manual Integrations
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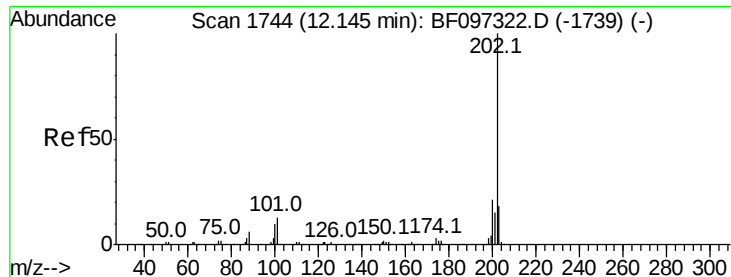
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#71
Anthracene
Concen: 3.107 ng
RT: 10.99 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF097484.D
Acq: 8 Aug 2017 22:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.8	23.8
179	16.7	12.7	19.1





#74

Fluoranthene

Concen: 15.633 ng

RT: 12.11 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF097484.D

Acq: 8 Aug 2017 22:36

Instrument :

BNA_F

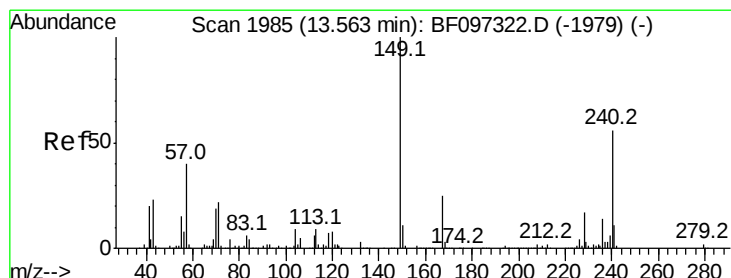
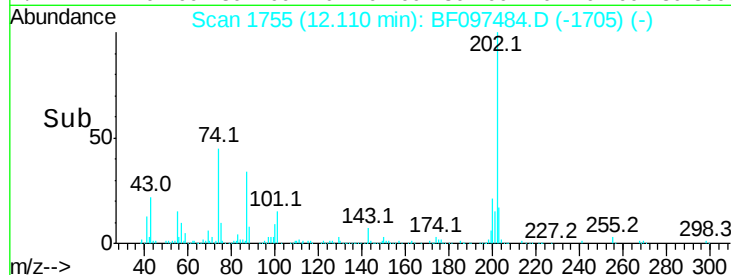
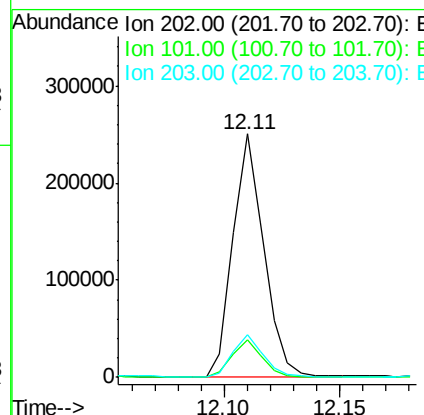
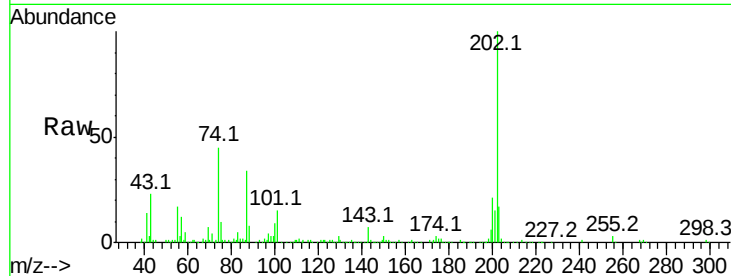
ClientSampleId :

SP-001-A-COMP

Tot Ion:	202	Resp:	235499
Ion Ratio	Lower	Upper	
202	100		
101	15.4	0.0	33.2
203	17.5	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

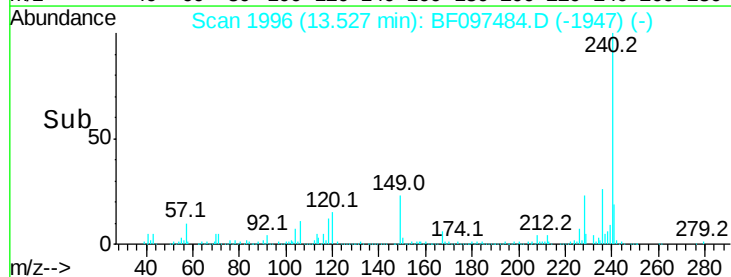
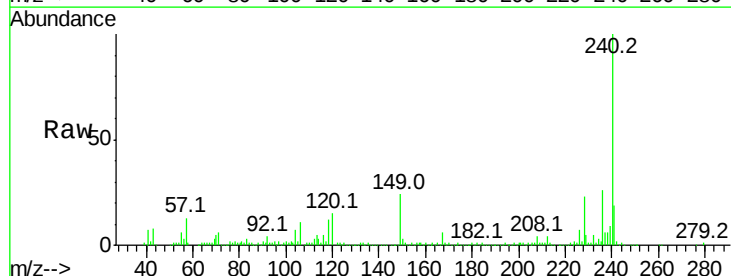
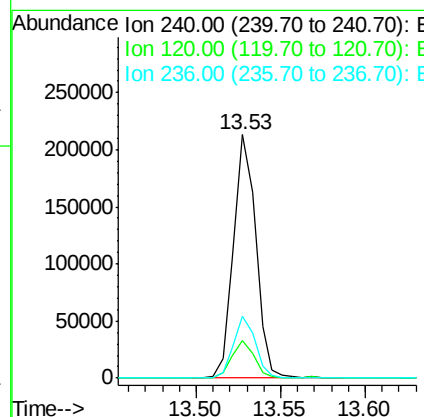
RT: 13.53 min Scan# 1996

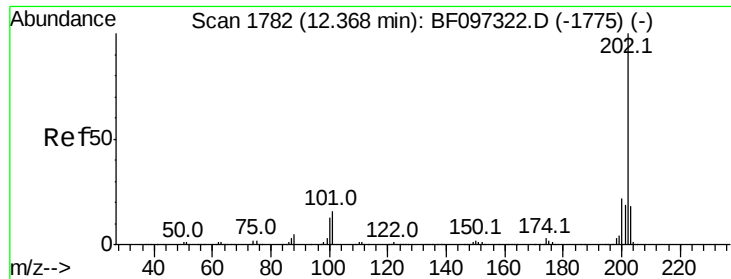
Delta R.T. -0.01 min

Lab File: BF097484.D

Acq: 8 Aug 2017 22:36

Tgt Ion:	240	Resp:	196892
Ion Ratio	Lower	Upper	
240	100		
120	15.4	5.8	8.8#
236	25.6	20.5	30.7





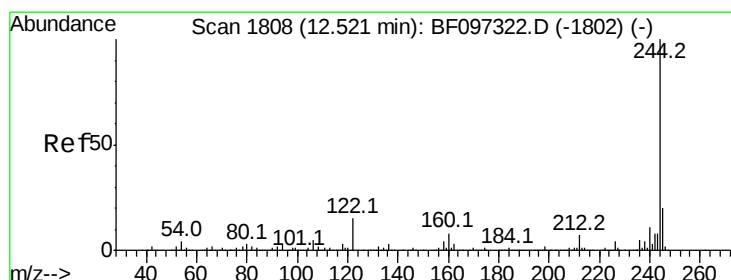
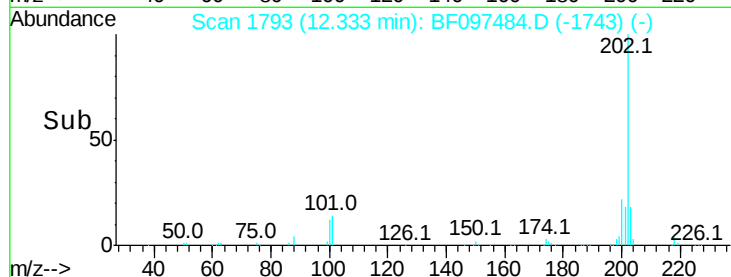
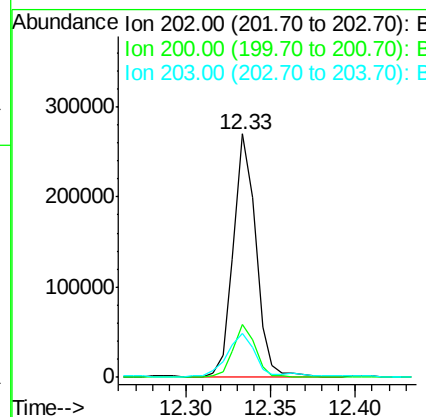
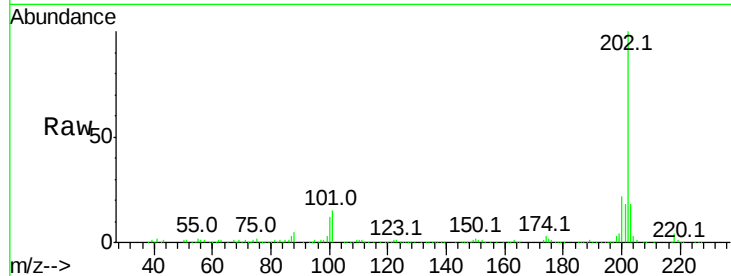
#77
Pvrene
Concen: 15.430 ng
RT: 12.33 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF097484.D
Acq: 8 Aug 2017 22:36

Instrument :
BNA_F
ClientSampleId :
SP-001-A-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	17.6	26.4
203	18.2	14.4	21.6

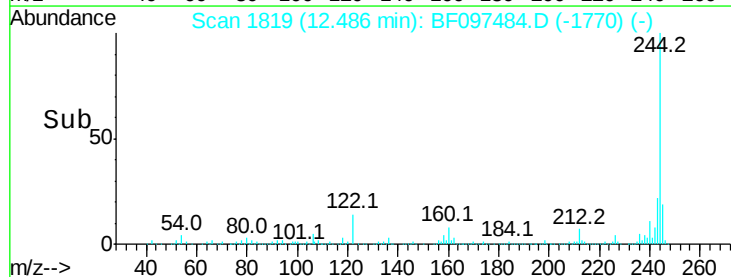
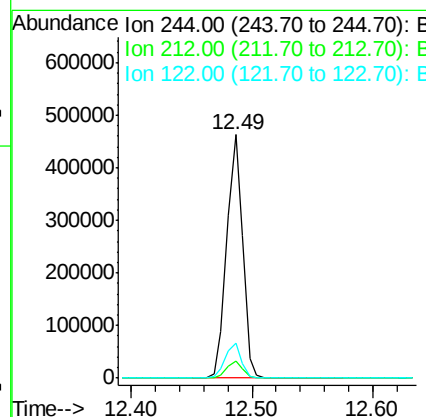
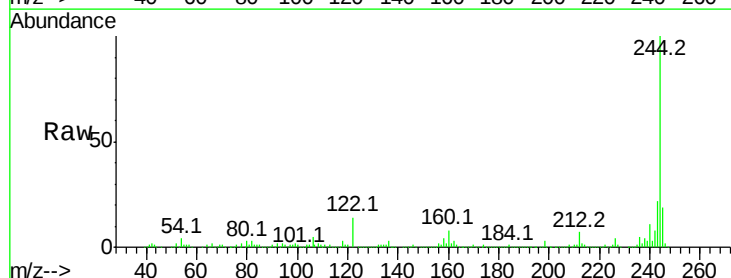
Manual Integrations
APPROVED

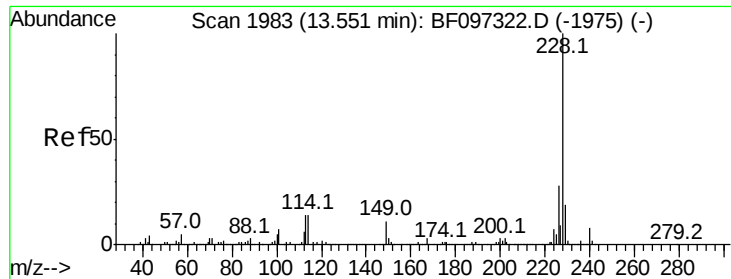
Sohil
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#78
Terphenyl-d14
Concen: 43.413 ng
RT: 12.49 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF097484.D
Acq: 8 Aug 2017 22:36

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.4	10.3	15.5





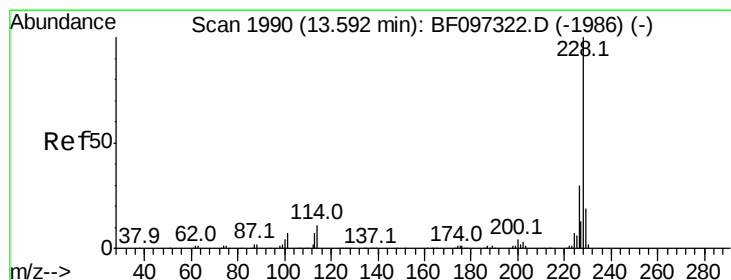
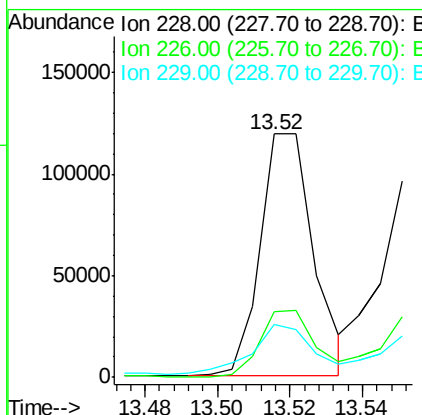
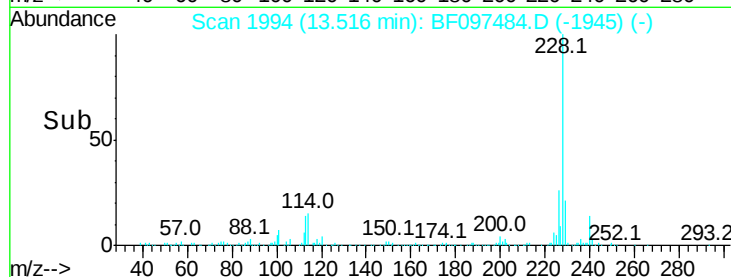
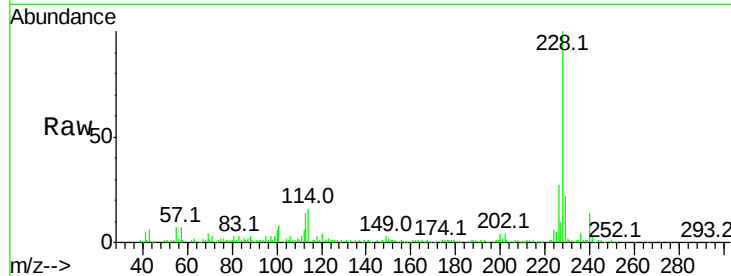
#80
Benzo(a)anthracene
Concen: 9.559 ng
RT: 13.52 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF097484.D
Acq: 8 Aug 2017 22:36

Instrument :
BNA_F
ClientSampleId :
SP-001-A-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	21.6	16.3	24.5

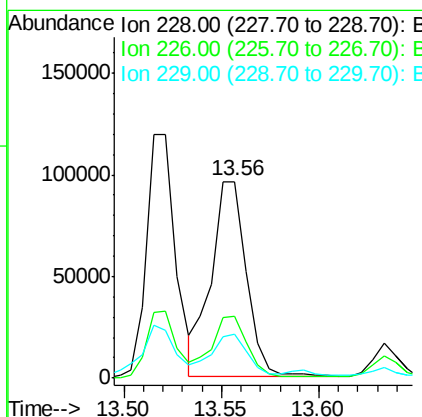
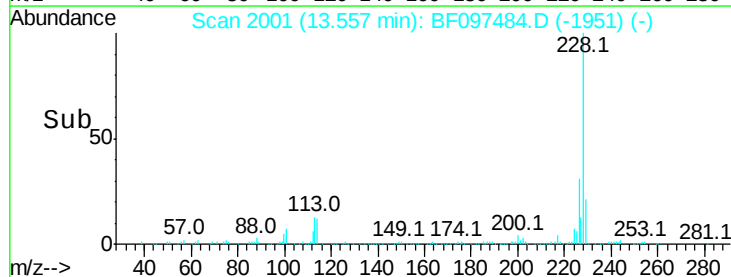
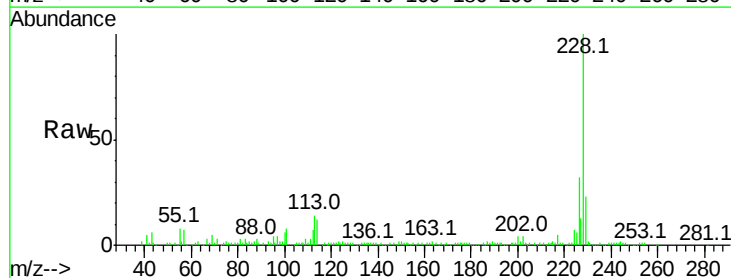
Manual Integrations
APPROVED

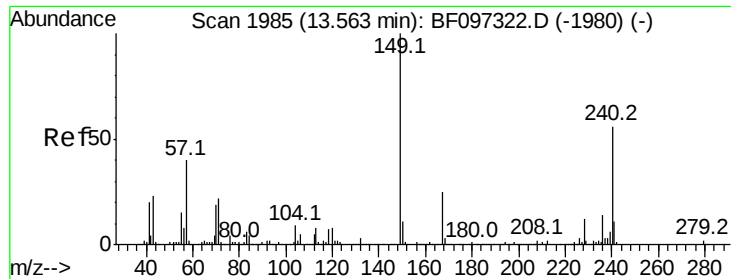
Sohil
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#82
Chrysene
Concen: 9.697 ng
RT: 13.56 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF097484.D
Acq: 8 Aug 2017 22:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	22.6	15.8	23.6





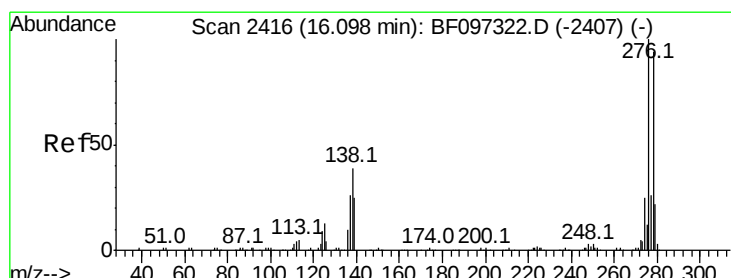
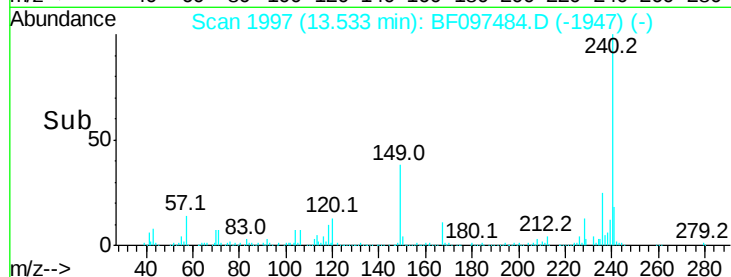
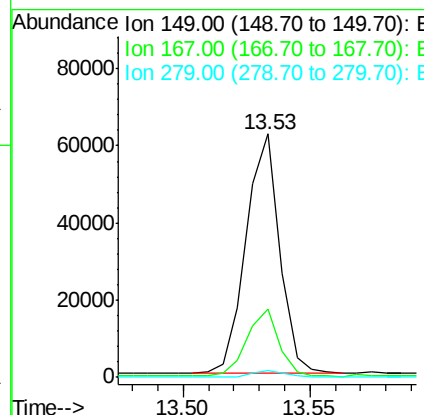
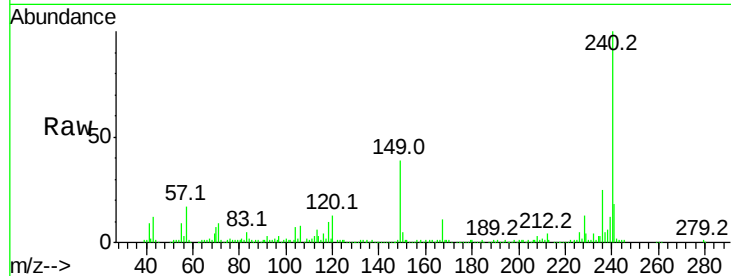
#83
Bis(2-ethylhexyl)phthalate
Concen: 5.383 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097484.D
Acq: 8 Aug 2017 22:36

Instrument :
BNA_F
ClientSampleId :
SP-001-A-COMP

Tot Ion	Ratio	Resp	Lower	Upper
149	100	57625		
167	28.0		21.0	31.4
279	2.8		1.9	2.9

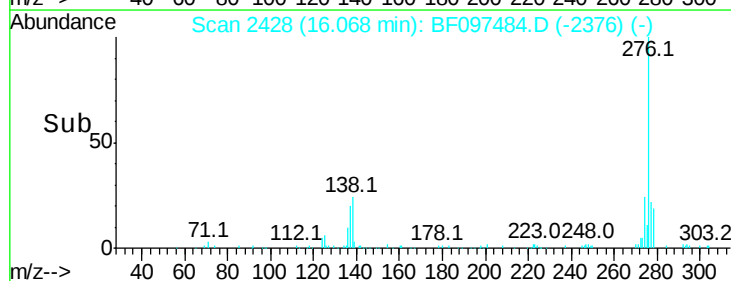
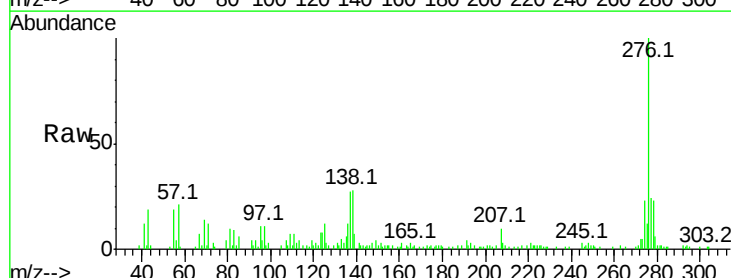
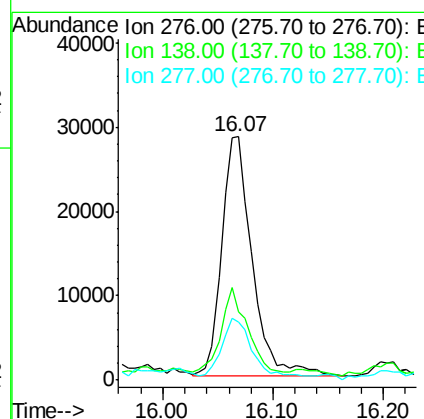
Manual Integrations
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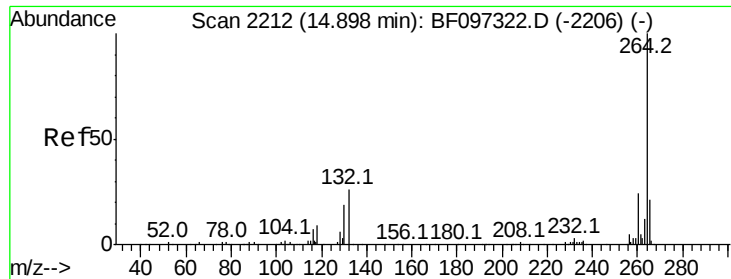
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 5.112 ng
RT: 16.07 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BF097484.D
Acq: 8 Aug 2017 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	54529		
138	33.7		27.8	41.6
277	23.0		20.2	30.4





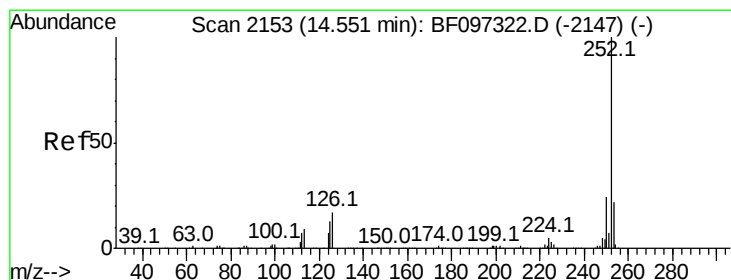
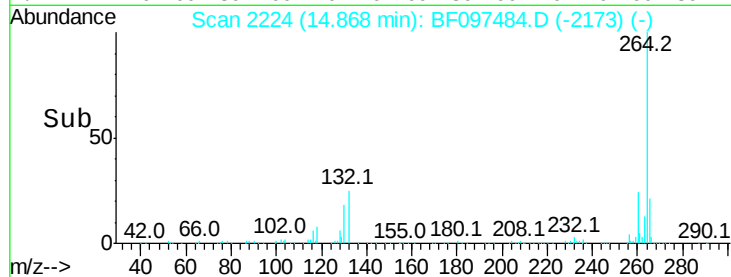
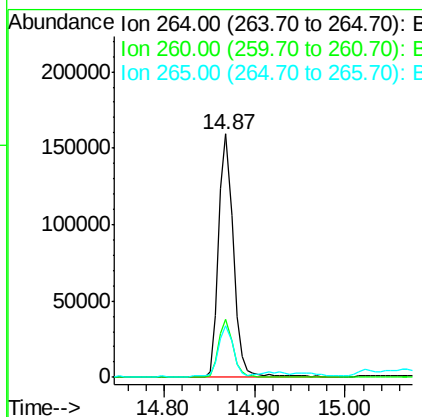
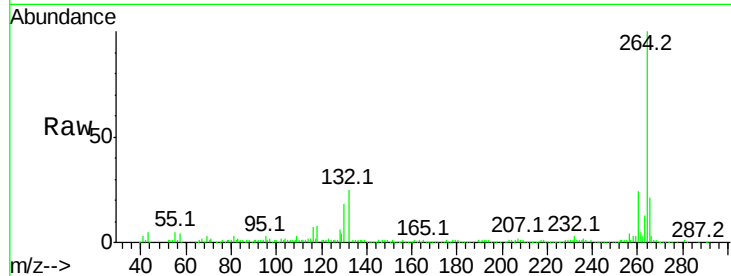
#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.87 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF097484.D
Acq: 8 Aug 2017 22:36

Instrument :
BNA_F
ClientSampleId :
SP-001-A-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.1	17.2	25.8

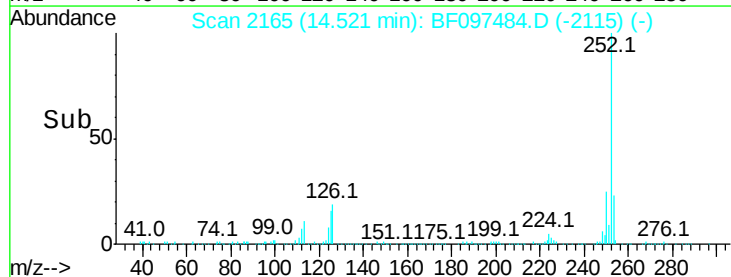
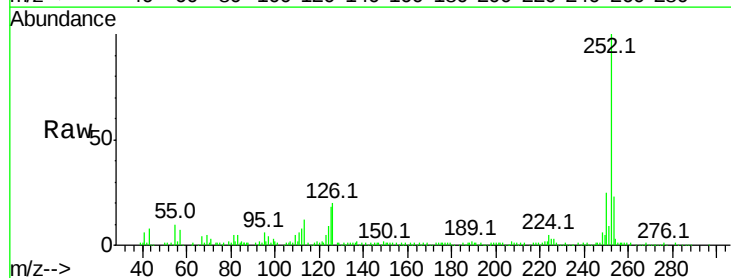
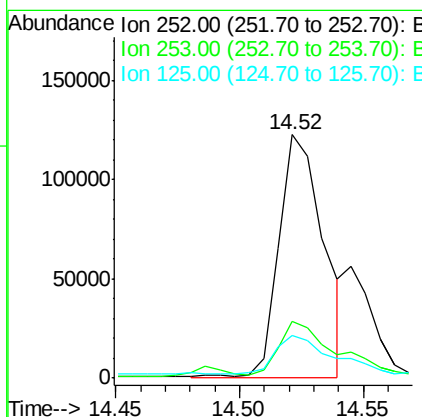
Manual Integrations
APPROVED

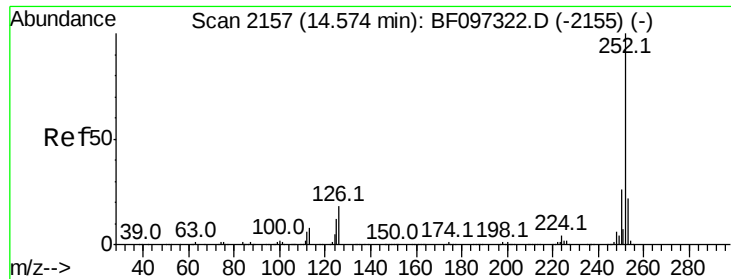
Sohil
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#87
Benzo(b)fluoranthene
Concen: 14.208 ng m
RT: 14.52 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BF097484.D
Acq: 8 Aug 2017 22:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	17.5	9.8	14.8#





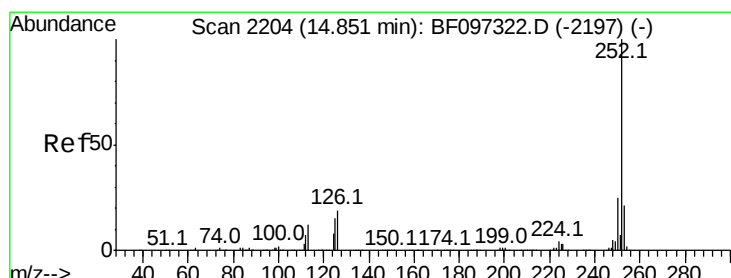
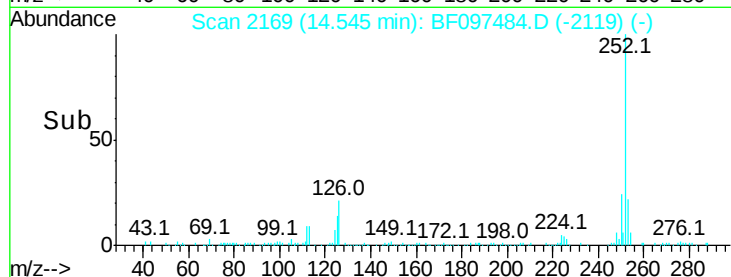
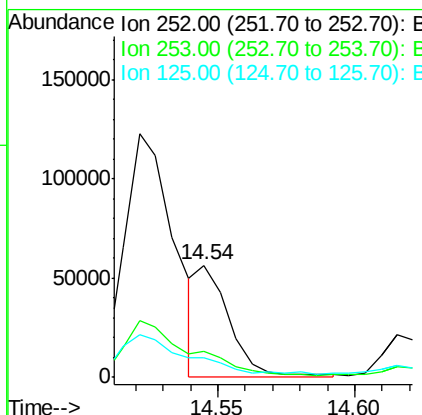
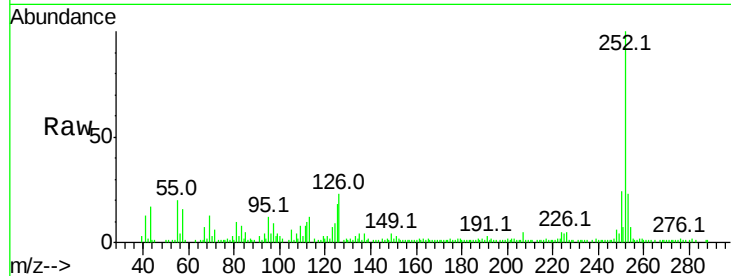
#88
Benzo(k)fluoranthene
Concen: 4.624 ng m
RT: 14.54 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF097484.D
Acq: 8 Aug 2017 22:36

Instrument :
BNA_F
ClientSampleId :
SP-001-A-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	18.0	13.1	19.7

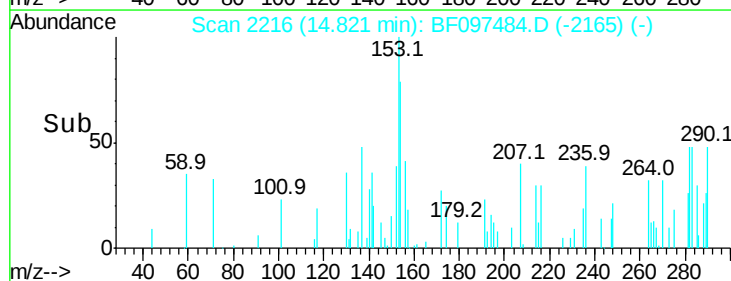
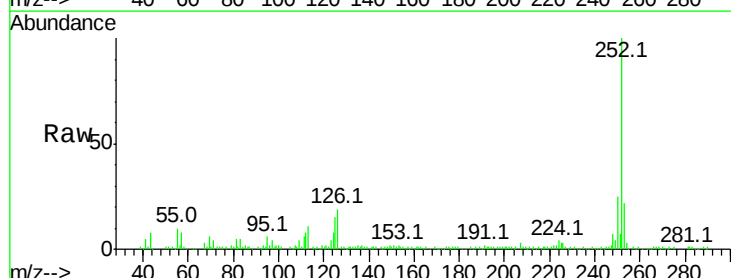
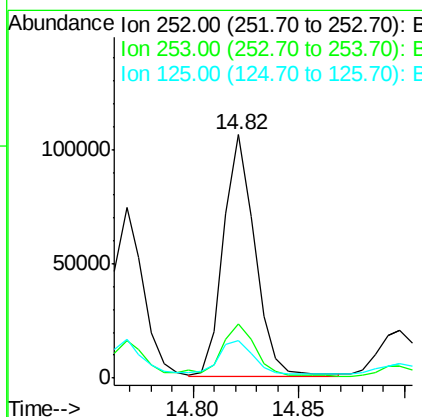
Manual Integrations
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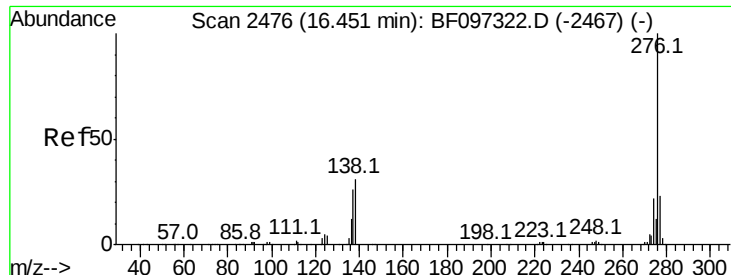
Sohil
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#89
Benzo(a)pyrene
Concen: 11.095 ng
RT: 14.82 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF097484.D
Acq: 8 Aug 2017 22:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	15.2	11.0	16.4





#91
Benzo(a,h,i)perylene
Concen: 6.177 ng
RT: 16.42 min Scan# 2487
Delta R.T. 0.01 min
Lab File: BF097484.D
Acq: 8 Aug 2017 22:36

Instrument :
BNA_F
ClientSampleId :
SP-001-A-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.6	28.0
138	32.7	25.4	38.0

Manual Integrations
APPROVED

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8/9/2017 7:16:30 PM

