

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
 Data File : BF104565.D
 Acq On : 17 Apr 2018 17:04
 Operator : JU/SJ
 Sample : J2407-05 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPOILS-ICTF-E

Manual Integrations
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Sohil
 4/18/2018 3:00:36 PM

Quant Time: Apr 17 18:17:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 17 17:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	167886	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	679432	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	262774	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	430806	20.00	ng	0.00
75) Chrysene-d12	13.98	240	339356	20.00	ng	0.00
86) Perylene-d12	15.44	264	287084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	419030	38.16	ng	0.00
7) Phenol-d6	6.43	99	513610	38.07	ng	-0.01
23) Nitrobenzene-d5	7.36	82	305558	29.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	101006	37.06	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	512644	30.82	ng	0.00
78) Terphenyl-d14	12.92	244	356173	23.93	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	58942	2.844	ng	98
70) Phenanthrene	11.36	178	108808	4.535	ng	98
74) Fluoranthene	12.54	202	232332	9.269	ng	98
77) Pyrene	12.77	202	227515	9.045	ng	98
80) Benzo(a)anthracene	13.97	228	129215	6.374	ng	94
82) Chrysene	14.00	228	134603	6.464	ng	98
85) Indeno(1,2,3-cd)pyrene	16.89	276	51859	2.932	ng	95
87) Benzo(b)fluoranthene	15.02	252	167500m	9.238	ng	
88) Benzo(k)fluoranthene	15.04	252	60874m	3.556	ng	
89) Benzo(a)pyrene	15.38	252	98797	6.090	ng	# 96
91) Benzo(g,h,i)perylene	17.33	276	48162	3.731	ng	97

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

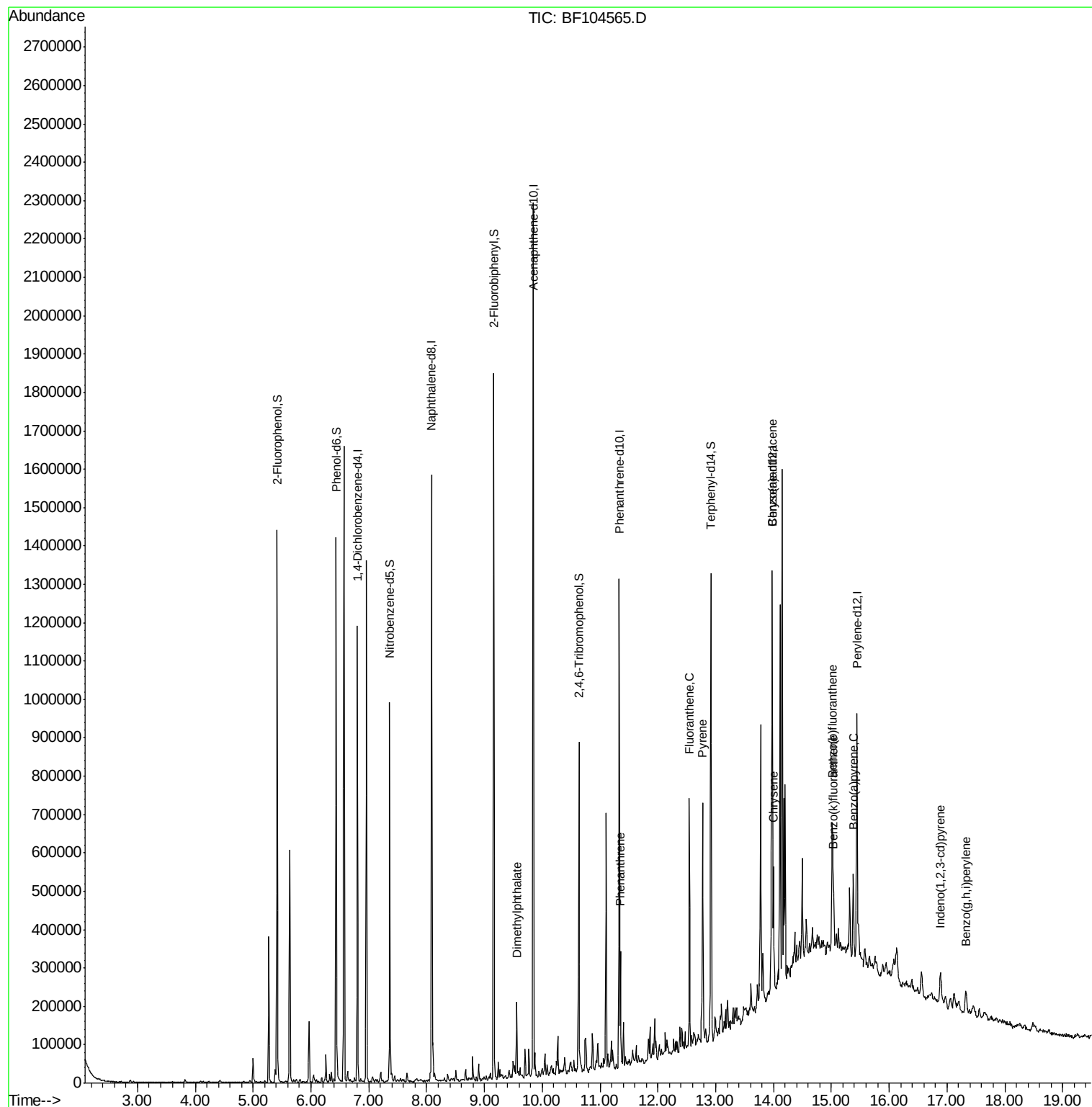
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

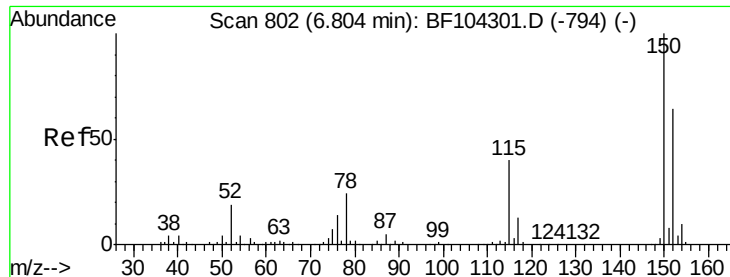
Instrument :
BNA_F
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SPOILS-ICTF-E

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#1

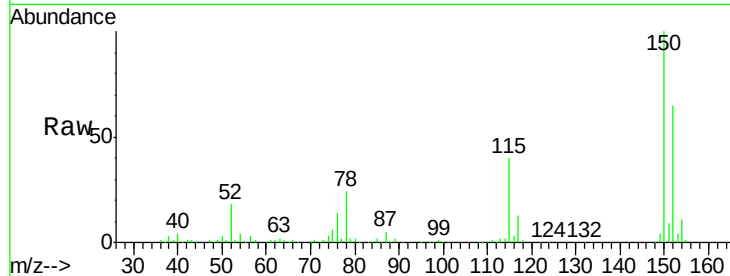
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104565.D
Acq: 17 Apr 2018 17:04

Instrument :
BNA_F
ClientSampleId :
SPOILS-ICTF-E

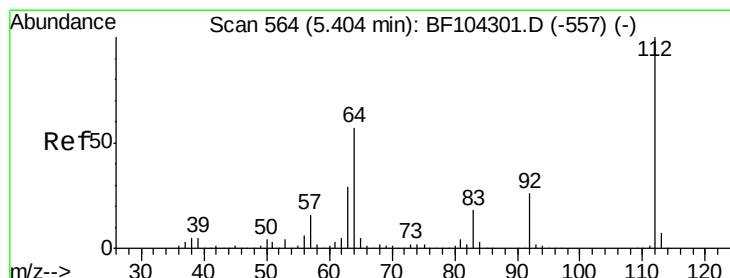
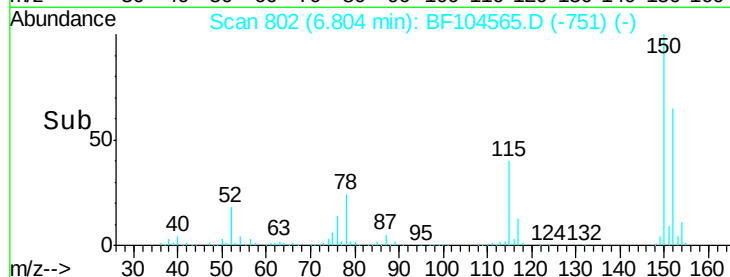
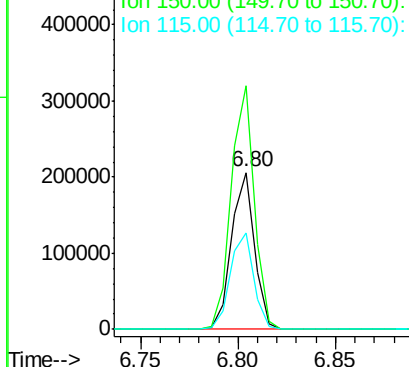
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	61.5	50.1	75.1

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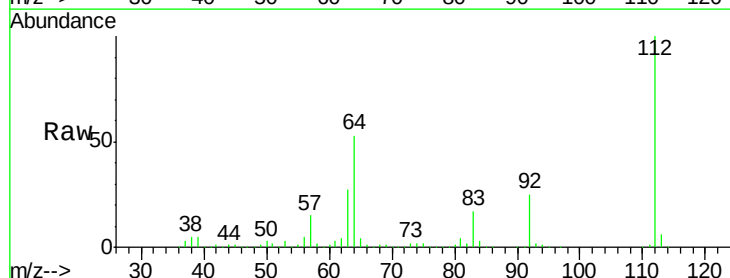
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



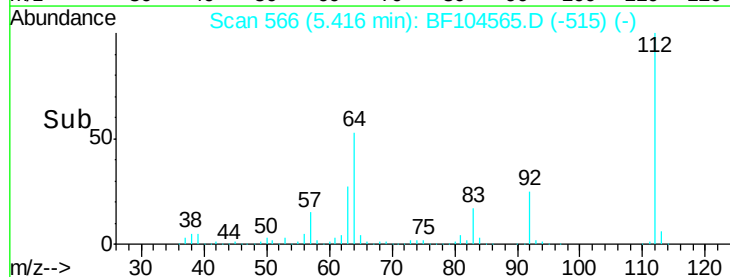
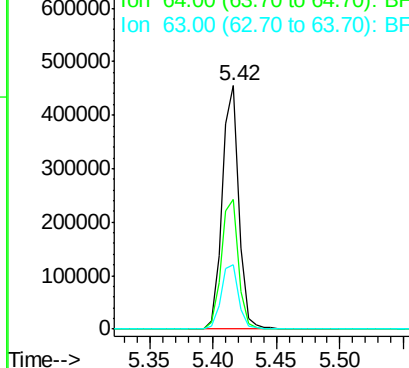
#5

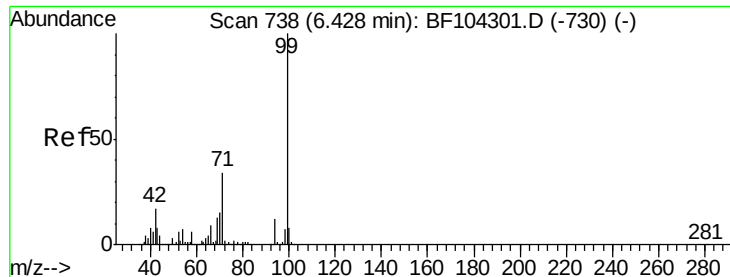
2-Fluorophenol
Concen: 38.164 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF104565.D
Acq: 17 Apr 2018 17:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	47.9	71.9
63	26.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 38.072 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104565.D

Acq: 17 Apr 2018 17:04

Instrument :

BNA_F

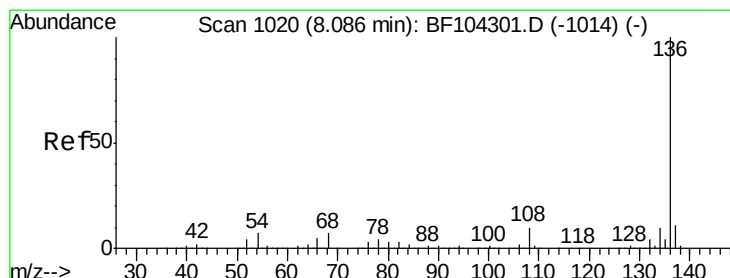
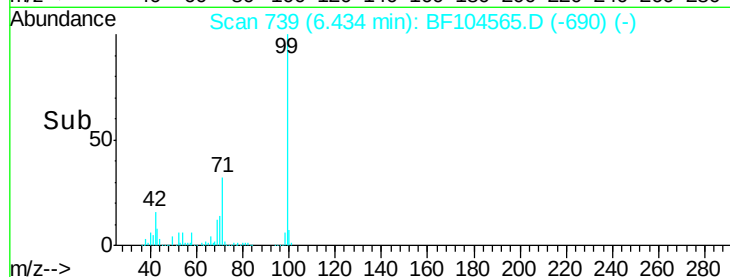
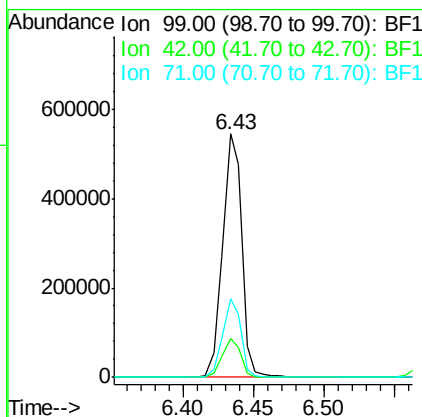
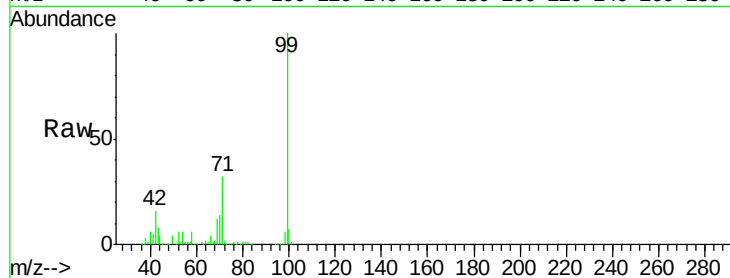
ClientSampleId :

SPOILS-ICTF-E

Tot Ion:	99	Resp:	513610
Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.5	21.7
71	32.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

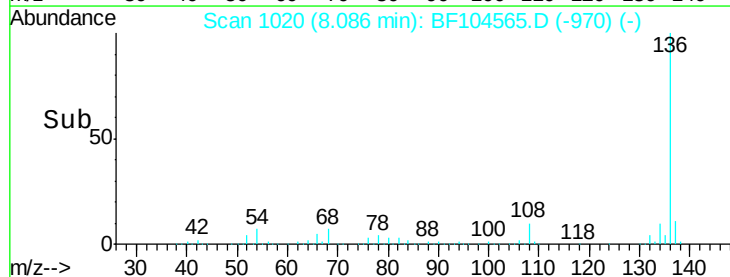
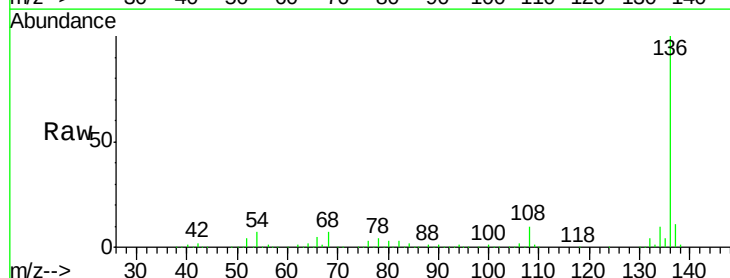
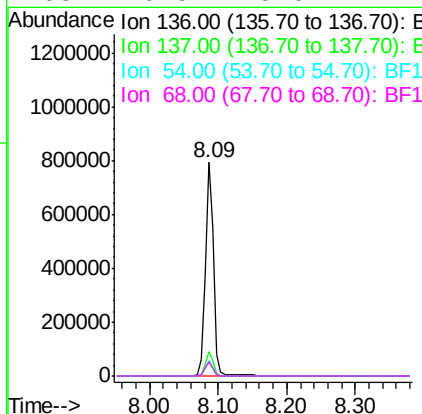
RT: 8.09 min Scan# 1020

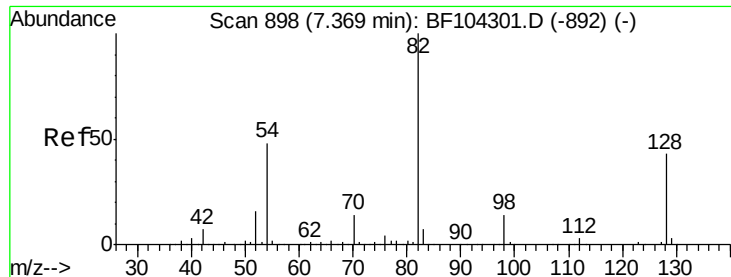
Delta R.T. -0.01 min

Lab File: BF104565.D

Acq: 17 Apr 2018 17:04

Tgt Ion:	136	Resp:	679432
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.4	6.6	9.8
68	6.5	5.0	7.4





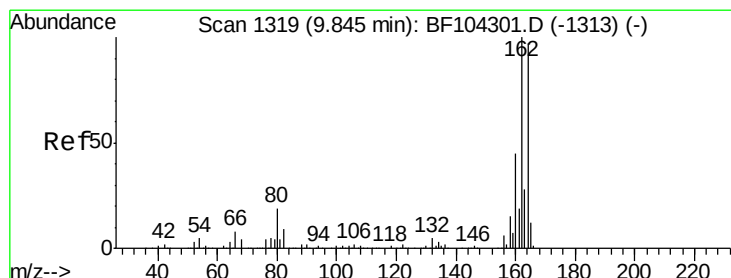
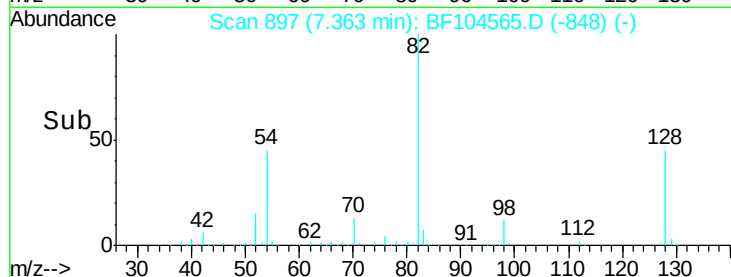
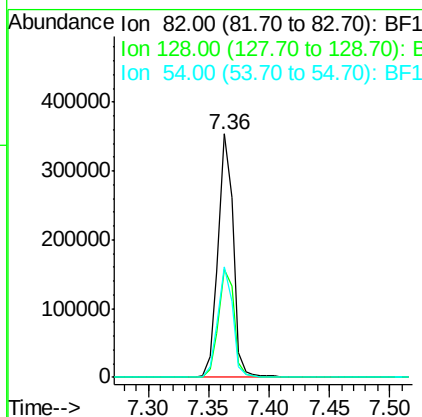
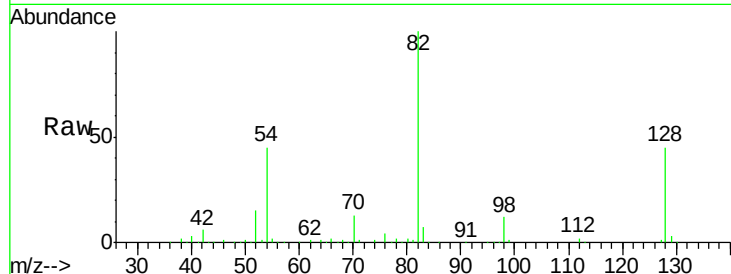
#23
 Nitrobenzene-d5
 Concen: 29.366 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104565.D
 Acq: 17 Apr 2018 17:04

Instrument :
 BNA_F
 ClientSampleId :
 SPOILS-ICTF-E

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	45.5	41.4	62.2

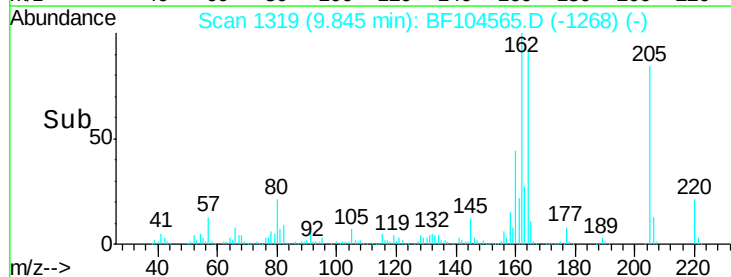
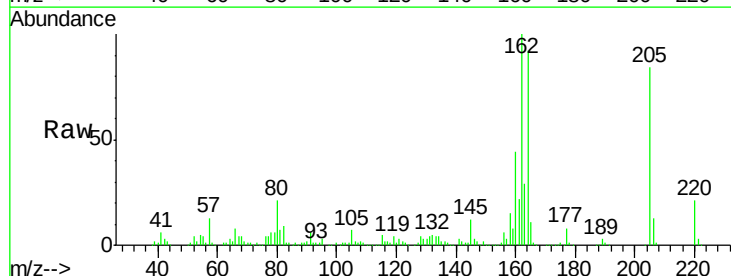
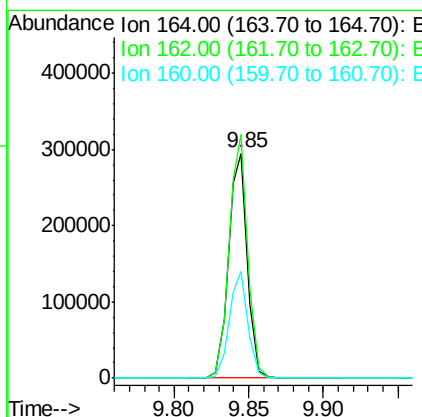
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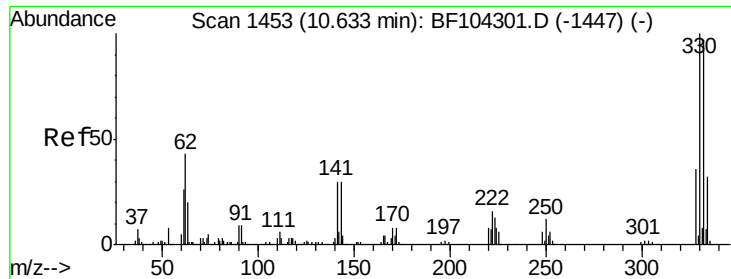
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF104565.D
 Acq: 17 Apr 2018 17:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.4	86.1	129.1
160	47.6	38.3	57.5





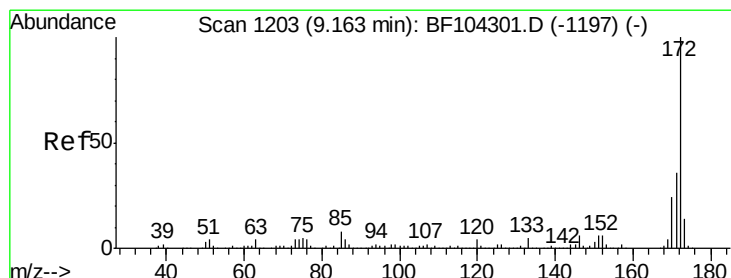
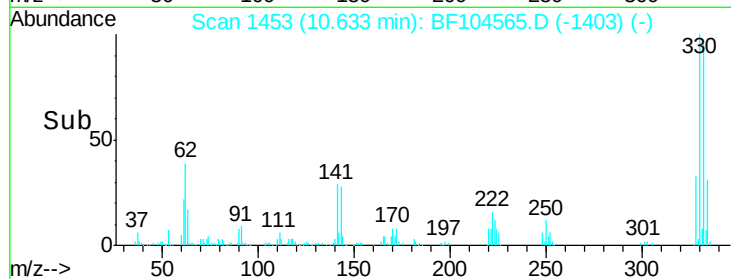
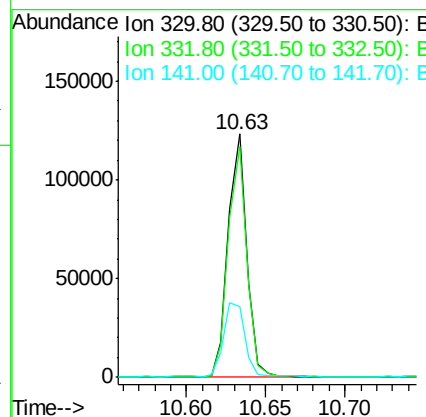
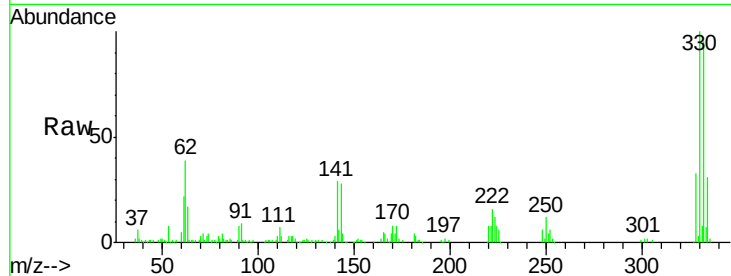
#41
 2,4,6-Tribromophenol
 Concen: 37.055 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104565.D
 Acq: 17 Apr 2018 17:04

Instrument :
 BNA_F
 ClientSampleId :
 SPOILS-ICTF-E

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	77.0	115.6	
141	37.3	29.9	44.9	

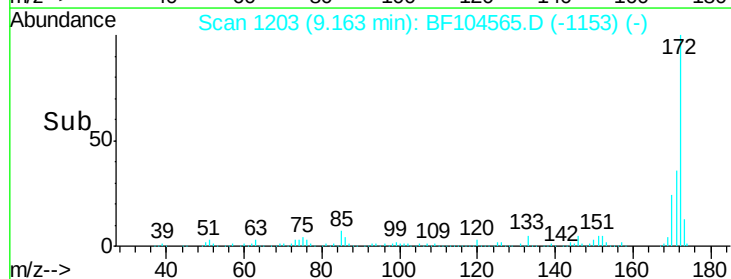
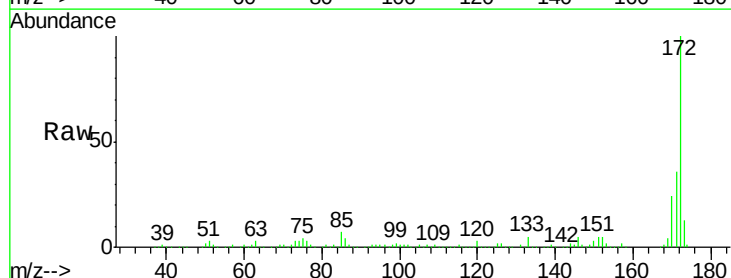
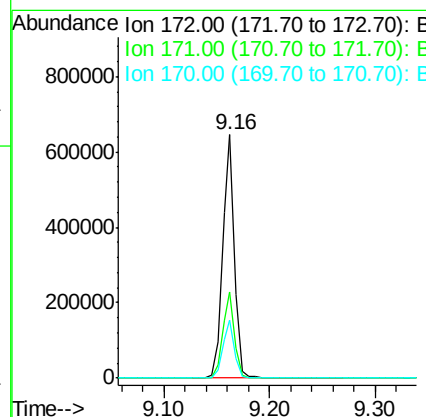
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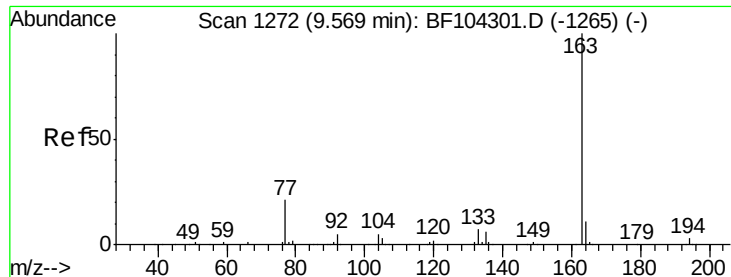
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#44
 2-Fluorobiphenyl
 Concen: 30.819 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104565.D
 Acq: 17 Apr 2018 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.6	29.7	44.5	
170	23.6	19.6	29.4	





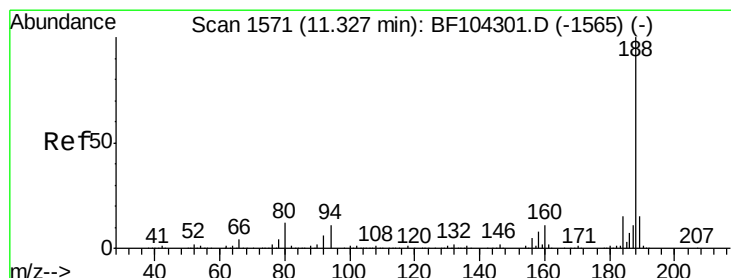
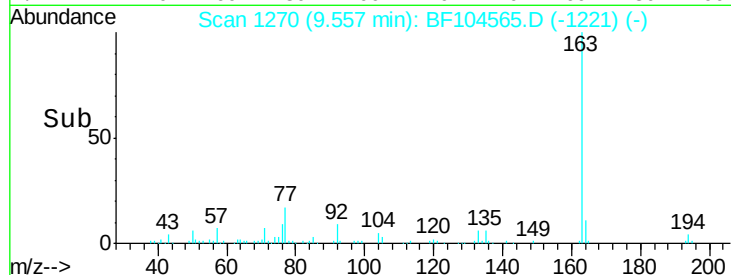
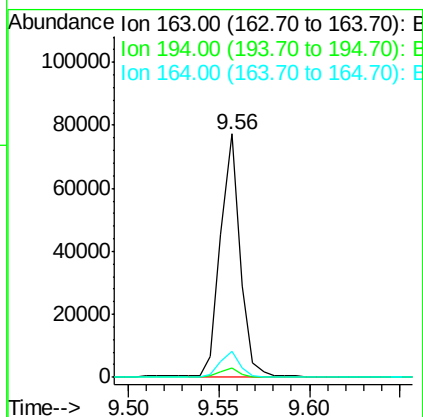
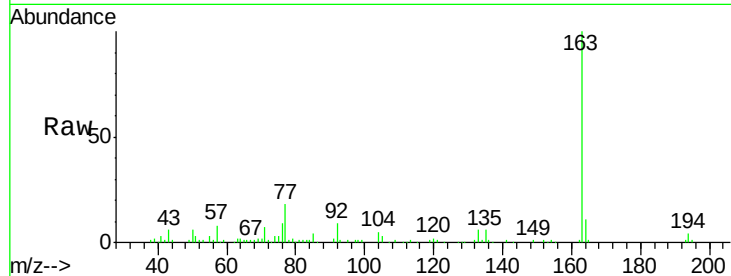
#49
Dimethylphthalate
Concen: 2.844 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104565.D
Acq: 17 Apr 2018 17:04

Instrument :
BNA_F
ClientSampled :
SPOILS-ICTF-E

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.9	8.2	12.2

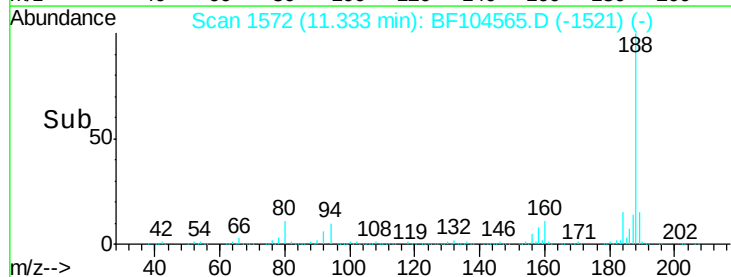
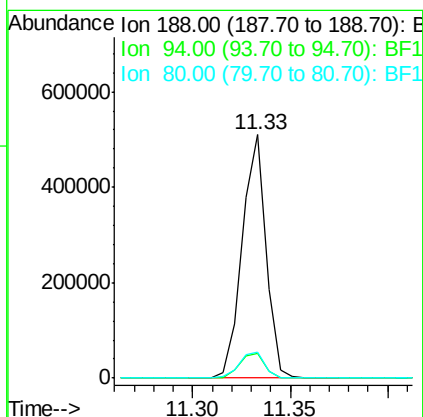
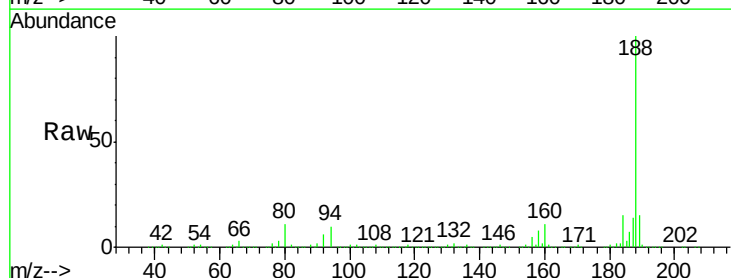
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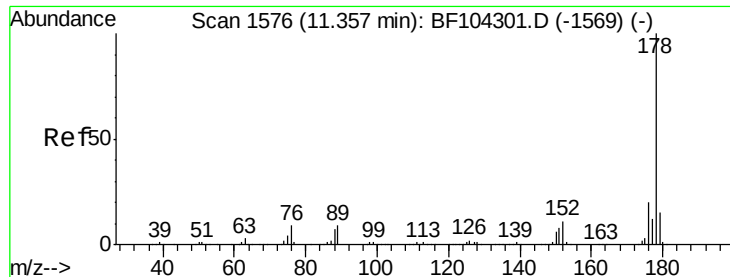
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104565.D
Acq: 17 Apr 2018 17:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.8	9.2	13.8





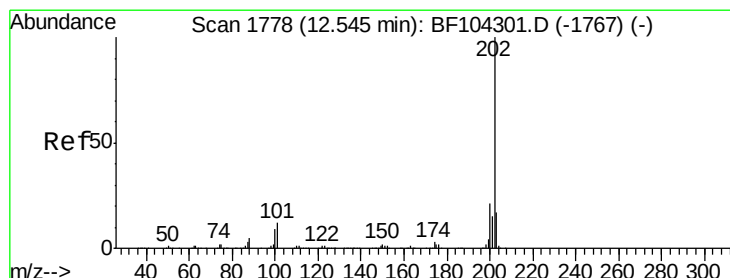
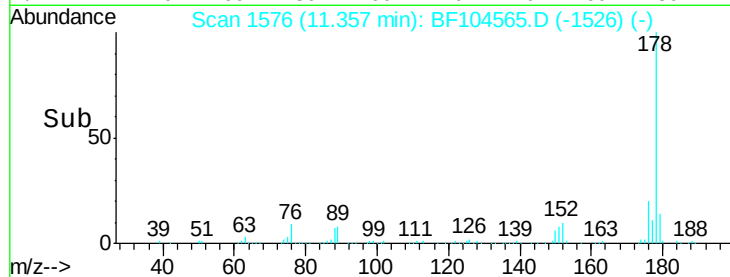
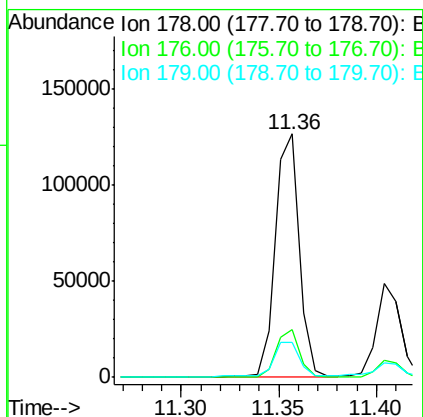
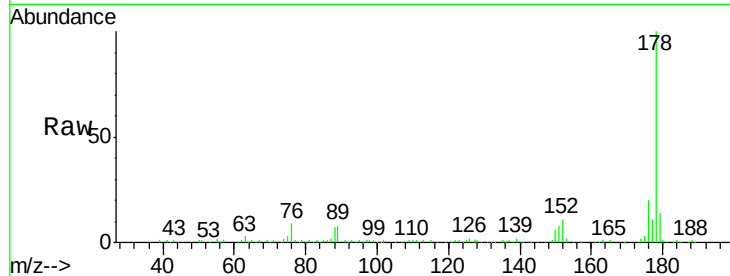
#70
 Phenanthrene
 Concen: 4.535 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104565.D
 Acq: 17 Apr 2018 17:04

Instrument :
 BNA_F
 ClientSampleId :
 SPOILS-ICTF-E

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	14.3	13.0	19.6

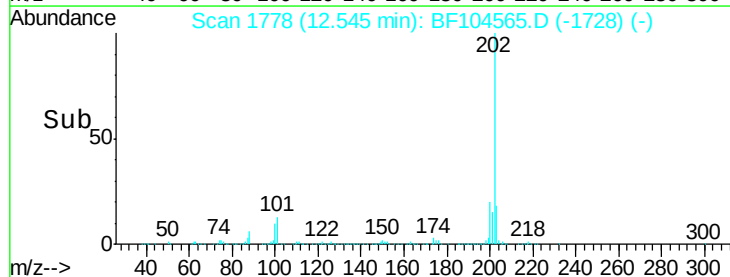
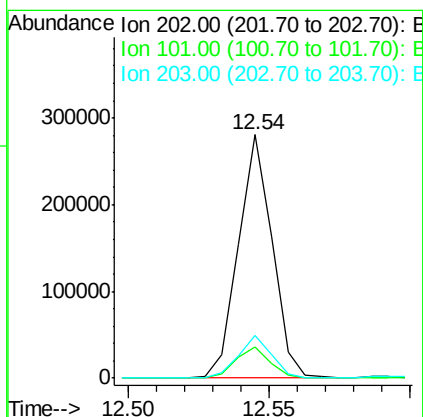
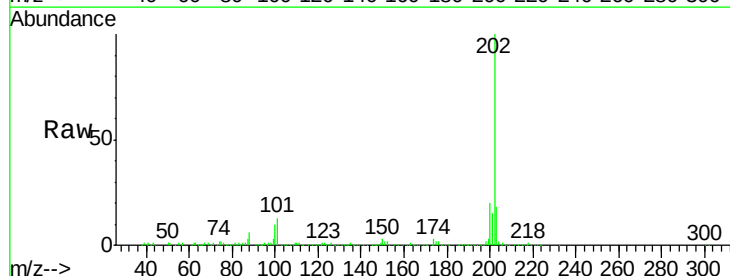
Manual Integrations
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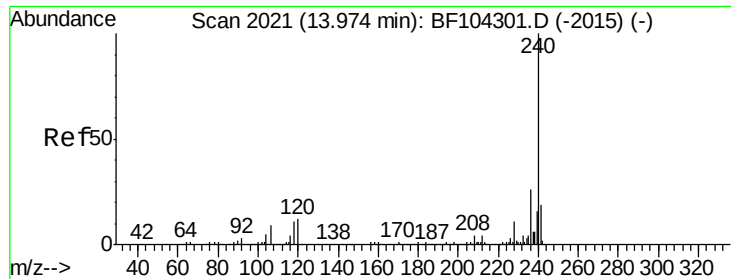
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#74
 Fluoranthene
 Concen: 9.269 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BF104565.D
 Acq: 17 Apr 2018 17:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF104565.D

Acq: 17 Apr 2018 17:04

Instrument :

BNA_F

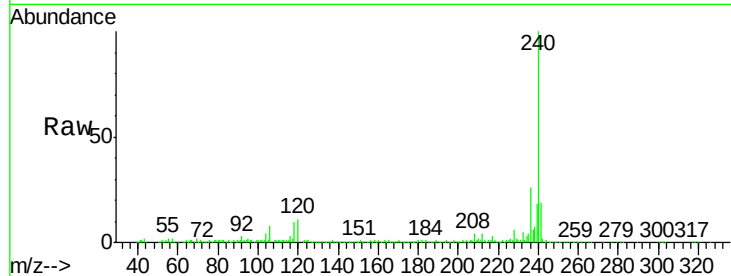
ClientSampleId :

SPOILS-ICTF-E

Tot Ion:	240	Resp:	339356
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.5	14.3
236	25.6	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

13.98

400000

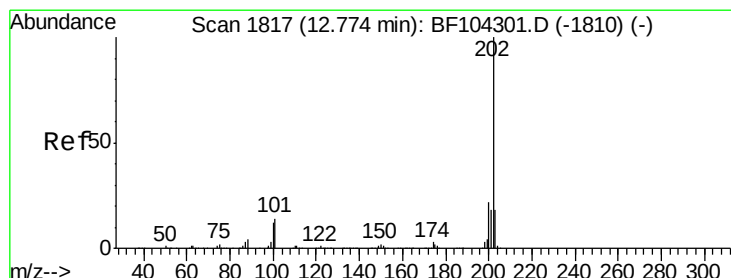
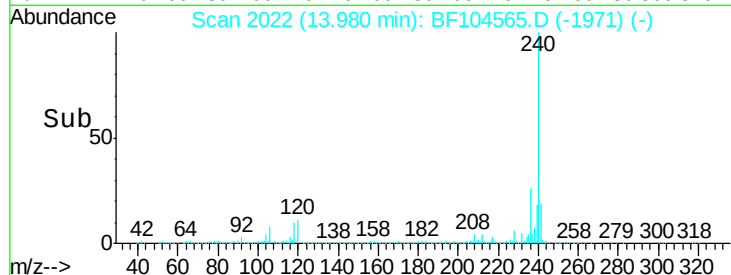
300000

200000

100000

0

Time-->



#77

Pyrene

Concen: 9.045 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF104565.D

Acq: 17 Apr 2018 17:04

Tgt Ion:	202	Resp:	227515
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.4	26.2
203	17.6	14.3	21.5

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

12.77

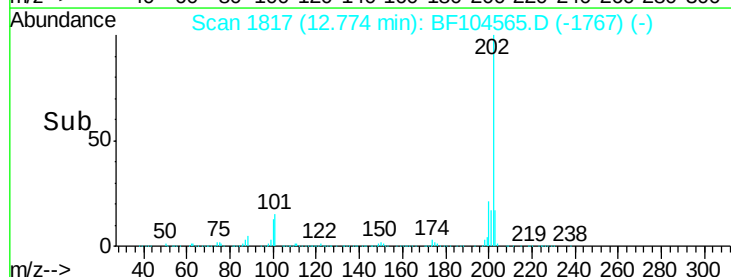
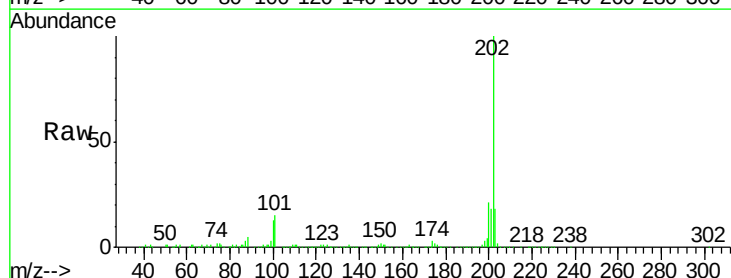
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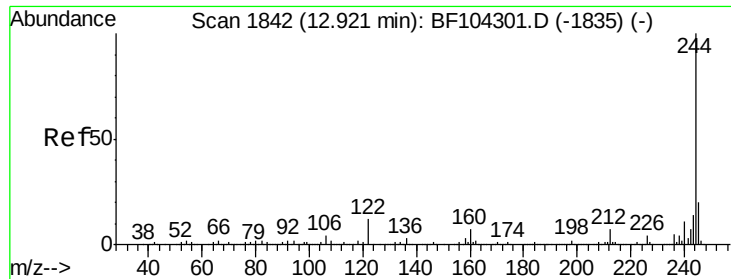
200000

100000

0

Time-->





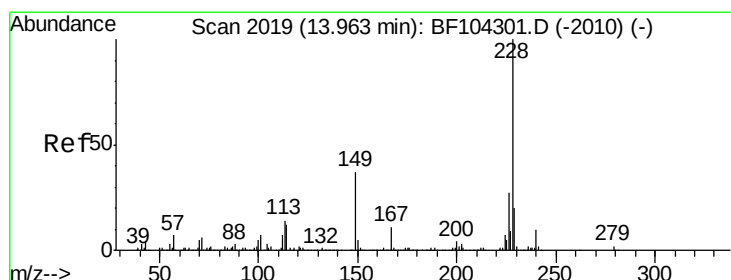
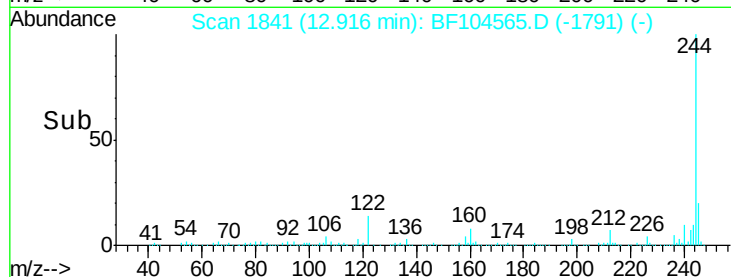
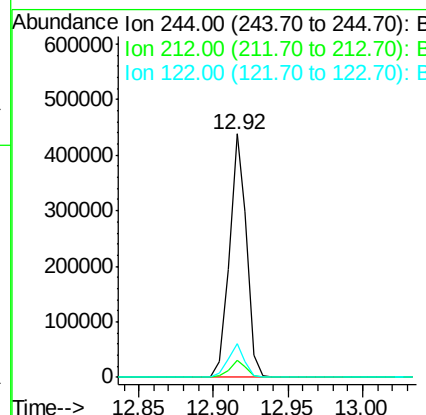
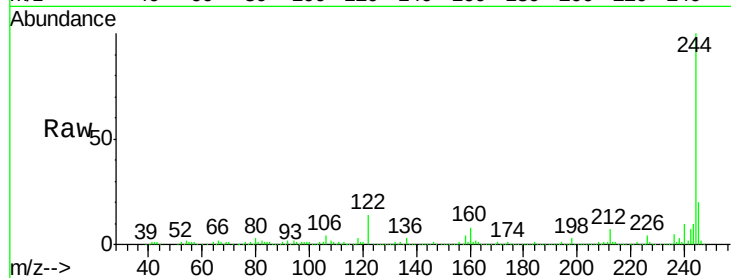
#78
 Terphenyl-d14
 Concen: 23.928 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104565.D
 Acq: 17 Apr 2018 17:04

Instrument :
 BNA_F
 ClientSampleId :
 SPOILS-ICTF-E

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.9	11.0	16.4

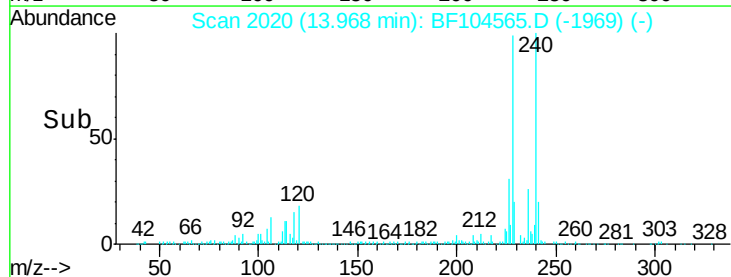
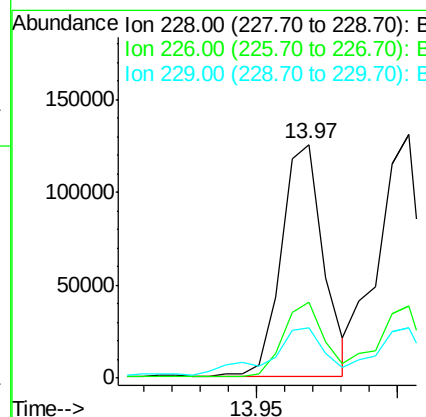
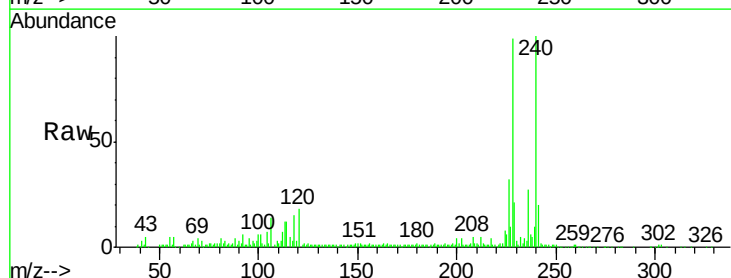
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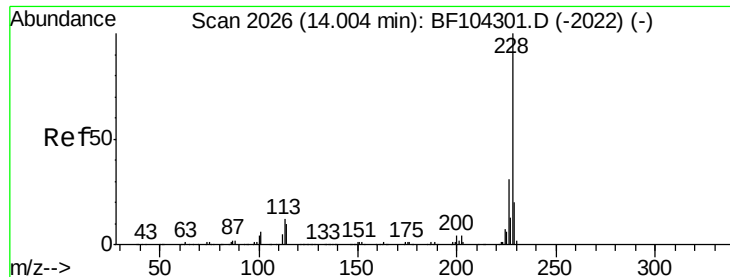
Sohil
 4/18/2018 3:00:36 PM



#80
 Benzo(a)anthracene
 Concen: 6.374 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BF104565.D
 Acq: 17 Apr 2018 17:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	22.6	33.8
229	21.5	15.8	23.6





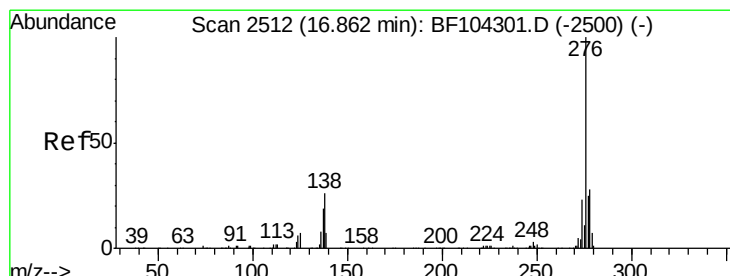
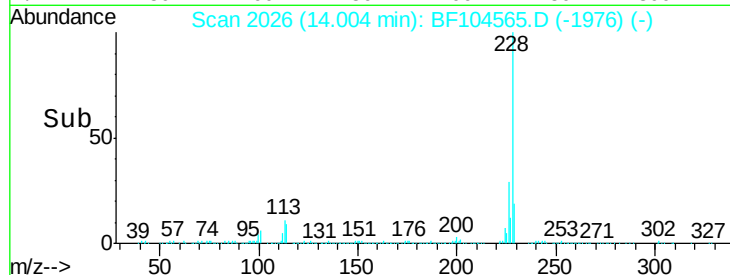
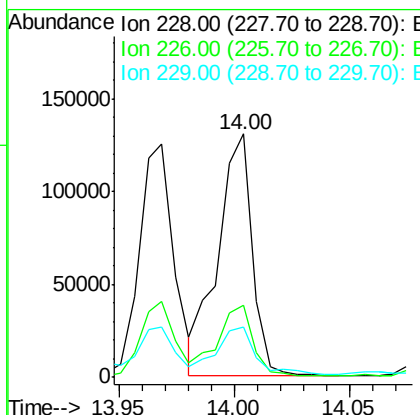
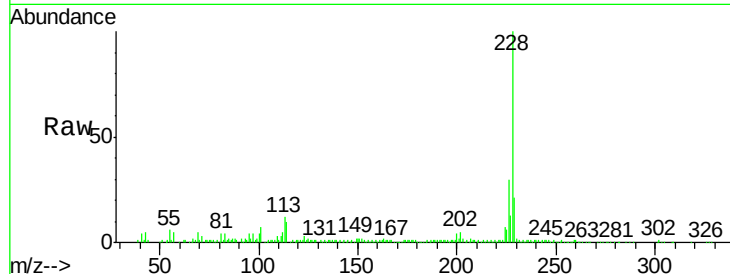
#82
Chrysene
Concen: 6.464 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF104565.D
Acq: 17 Apr 2018 17:04

Instrument :
BNA_F
ClientSampleId :
SPOILS-ICTF-E

Tot Ion:	228	Resp:	134603
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.0	37.6
229	20.9	16.2	24.4

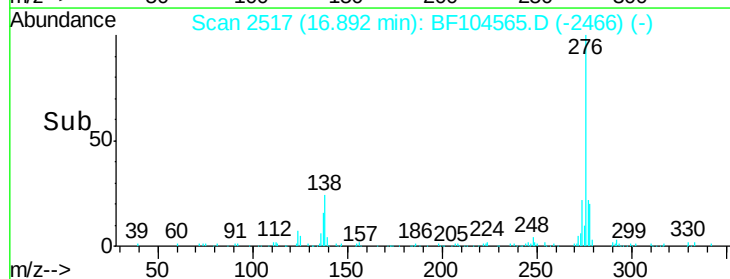
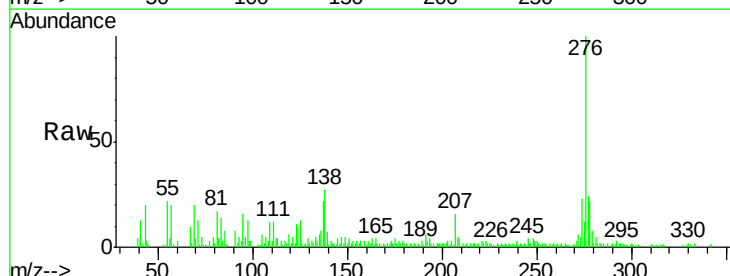
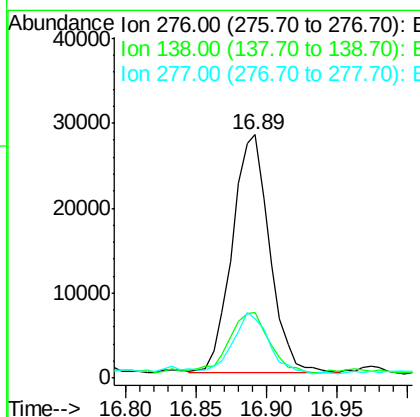
Manual Integrations
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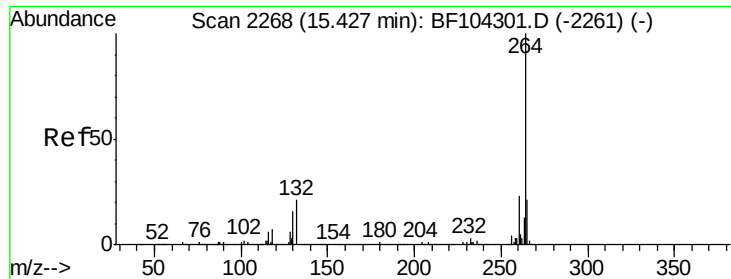
Sohil
4/18/2018 3:00:36 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.932 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BF104565.D
Acq: 17 Apr 2018 17:04

Tgt Ion:	276	Resp:	51859
Ion Ratio	Lower	Upper	
276	100		
138	27.6	25.0	37.6
277	23.5	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF104565.D

Acq: 17 Apr 2018 17:04

Instrument :

BNA_F

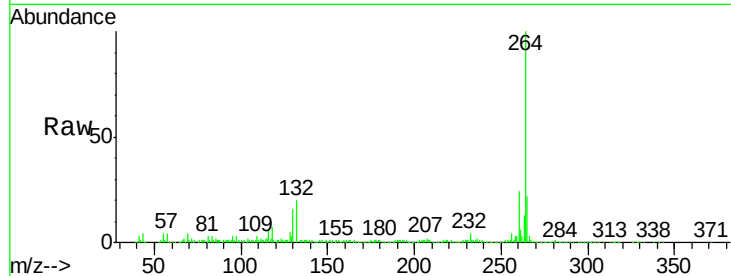
ClientSampleId :

SPOILS-ICTF-E

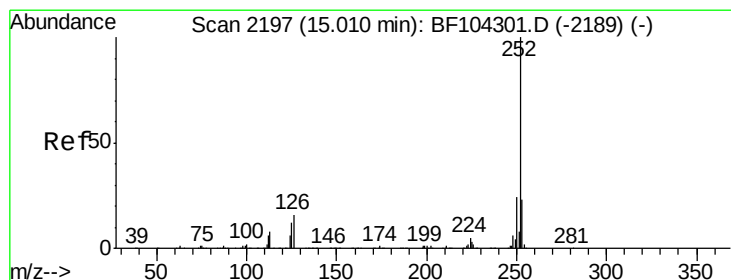
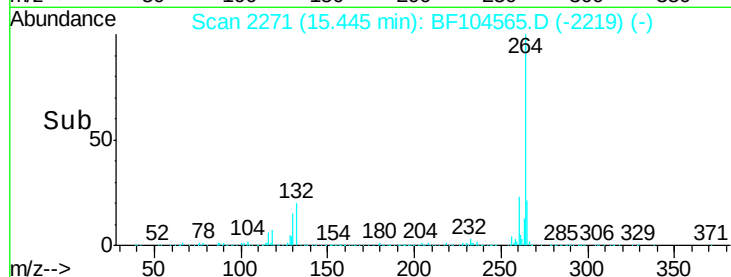
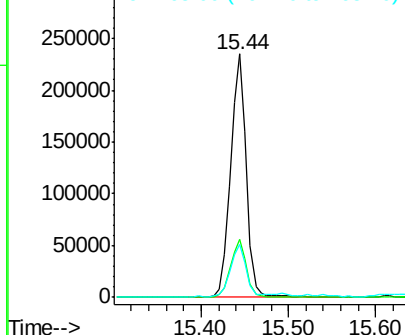
Tot Ion:	264	Resp:	287084
Ion Ratio		Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	17.5	26.3

Manual Integrations
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4/18/2018 3:00:36 PM



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



#87

Benzo(b)fluoranthene

Concen: 9.238 ng m

RT: 15.02 min Scan# 2198

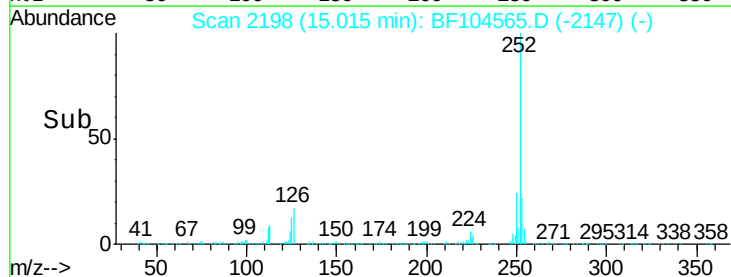
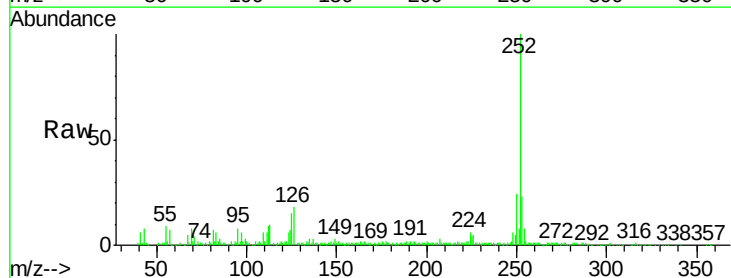
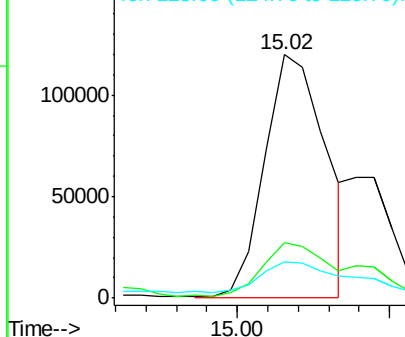
Delta R.T. 0.00 min

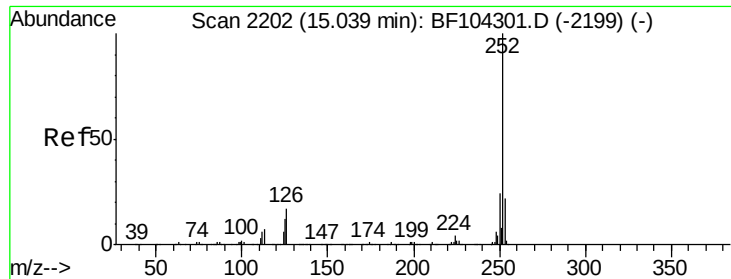
Lab File: BF104565.D

Acq: 17 Apr 2018 17:04

Tgt Ion:	252	Resp:	167500
Ion Ratio		Lower	Upper
252	100		
253	22.8	17.0	25.6
125	14.8	9.0	13.6#

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





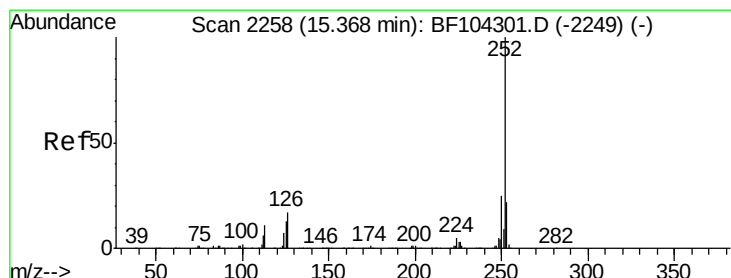
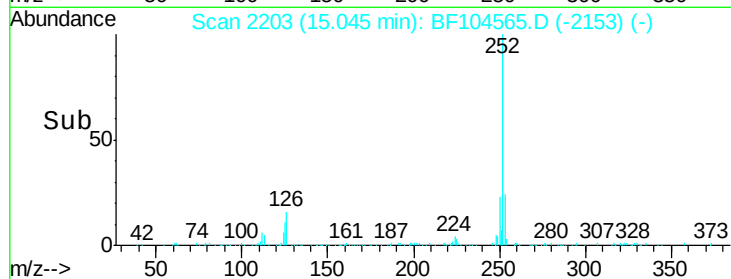
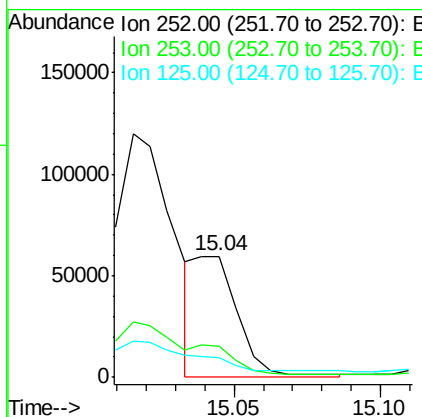
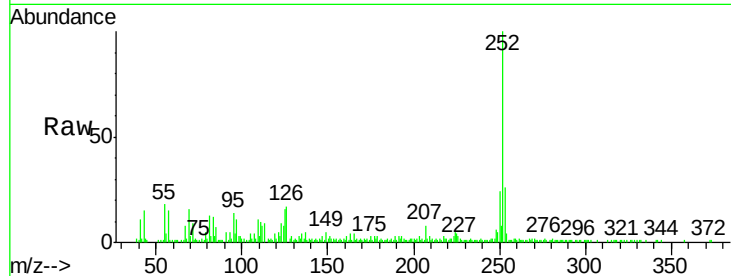
#88
Benzo(k)fluoranthene
Concen: 3.556 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF104565.D
Acq: 17 Apr 2018 17:04

Instrument :
BNA_F
ClientSampleId :
SPOILS-ICTF-E

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.9	26.9
125	16.2	10.2	15.2

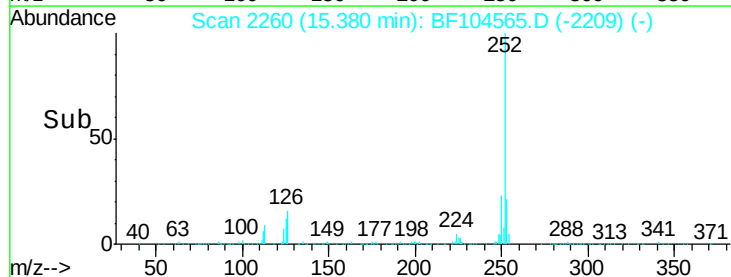
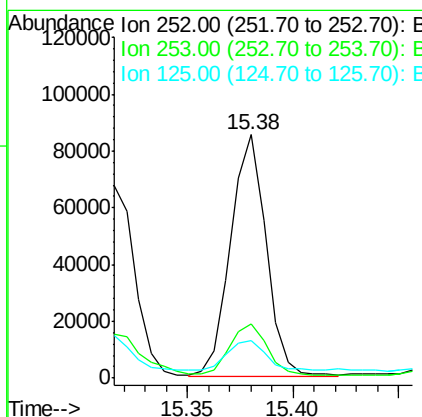
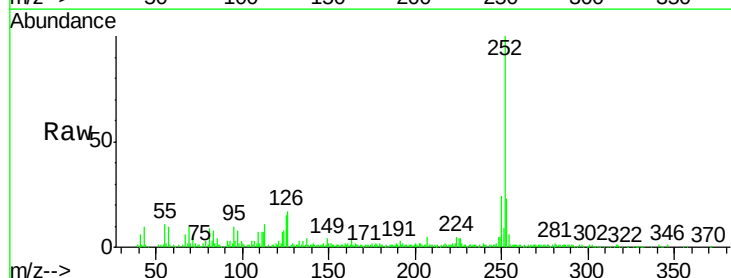
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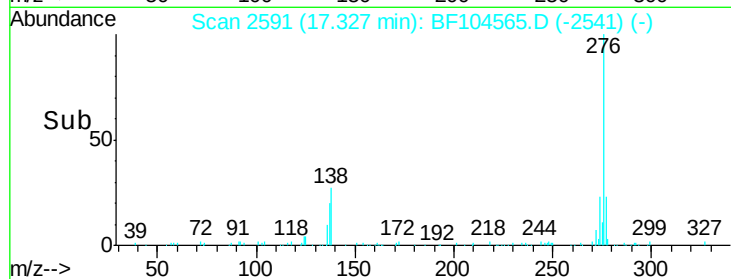
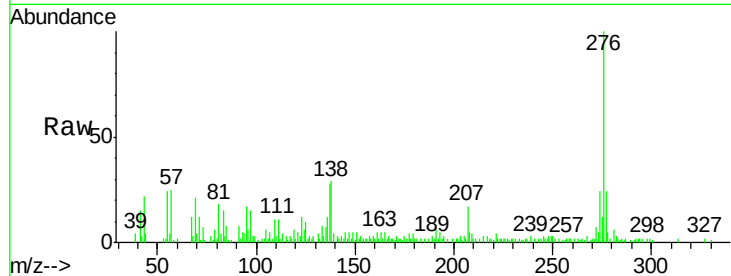
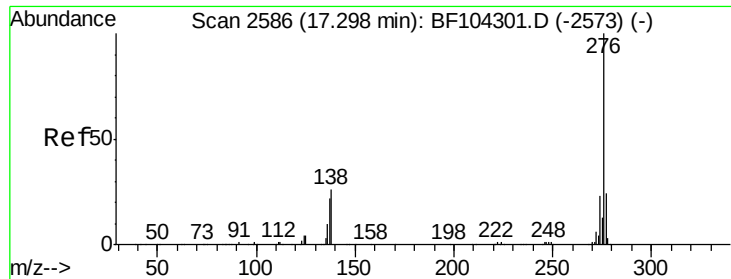
Sohil
4/18/2018 3:00:36 PM



#89
Benzo(a)pyrene
Concen: 6.090 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF104565.D
Acq: 17 Apr 2018 17:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	15.4	9.8	14.6





#91

Benzo(a,h,i)perylene

Concen: 3.731 ng

RT: 17.33 min Scan# 2591

Delta R.T. -0.01 min

Lab File: BF104565.D

Acq: 17 Apr 2018 17:04

Tot Ion:	276	Resp:	48162
Ion Ratio	Lower	Upper	
276	100		
277	24.4	17.9	26.9
138	28.7	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-E

Manual Integrations
APPROVED

Sohil
4/18/2018 3:00:36 PM

