

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102919.D
 Acq On : 12 Feb 2018 14:39
 Operator : SJ/JU
 Sample : J1525-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3

Manual Integrations
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Sohil
 2/13/2018 11:25:34 AM

Quant Time: Feb 13 00:30:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	180183	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	732369	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	288686	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	405041	20.00	ng	0.00
75) Chrysene-d12	14.06	240	319807	20.00	ng	0.00
86) Perylene-d12	15.54	264	301905	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1218566	102.71	ng	0.02
7) Phenol-d6	6.52	99	1447817	101.35	ng	0.01
23) Nitrobenzene-d5	7.45	82	946938	89.69	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	220727	94.99	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1314468	75.56	ng	0.00
78) Terphenyl-d14	13.00	244	856839	63.44	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.63	163	378063	16.796	ng	99
70) Phenanthrene	11.43	178	261272	11.582	ng	98
71) Anthracene	11.49	178	69274	3.019	ng	97
74) Fluoranthene	12.63	202	387244	17.062	ng	98
77) Pyrene	12.86	202	460068	18.346	ng	100
80) Benzo(a)anthracene	14.04	228	237219	11.794	ng	96
82) Chrysene	14.08	228	258858m	12.767	ng	
83) Bis(2-ethylhexyl)phthalate	14.02	149	46561	3.031	ng	99
85) Indeno(1,2,3-cd)pyrene	17.04	276	114249	6.794	ng	98
87) Benzo(b)fluoranthene	15.10	252	296189m	15.132	ng	
88) Benzo(k)fluoranthene	15.13	252	92381m	4.940	ng	
89) Benzo(a)pyrene	15.47	252	231614	13.146	ng	# 95
90) Dibenzo(a,h)anthracene	17.05	278	33980m	2.376	ng	
91) Benzo(a,h,i)perylene	17.50	276	126192	9.016	ng	97

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

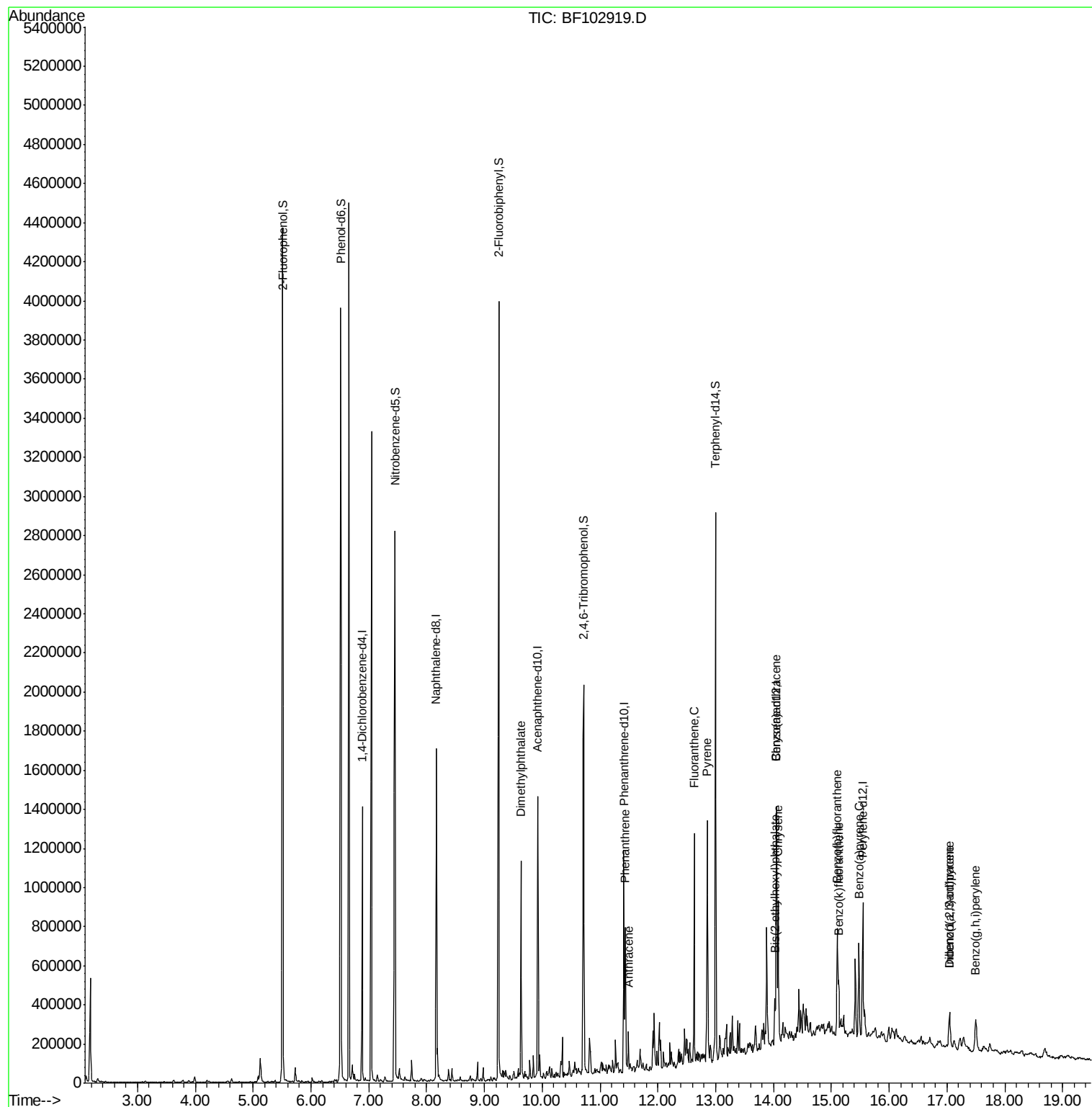
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102919.D
Acq On : 12 Feb 2018 14:39
Operator : SJ/JU
Sample : J1525-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

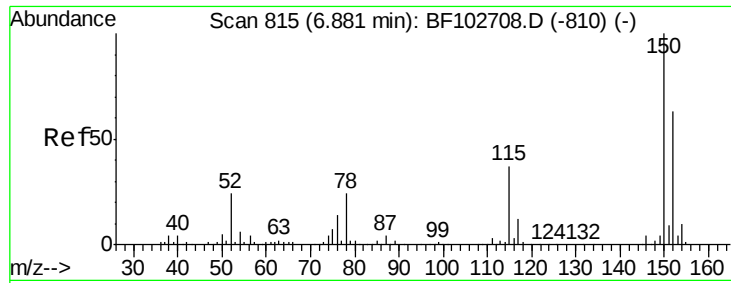
Instrument :
BNA_F
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SAMPLE-3

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Quant Time: Feb 13 00:30:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
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#1

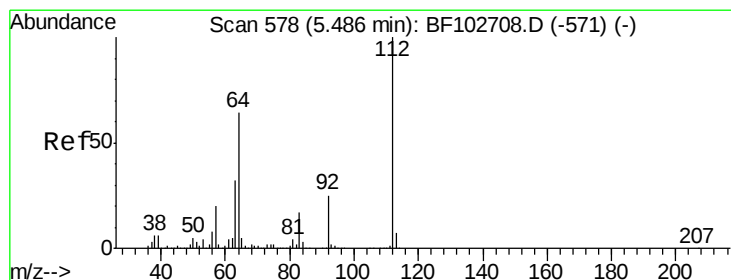
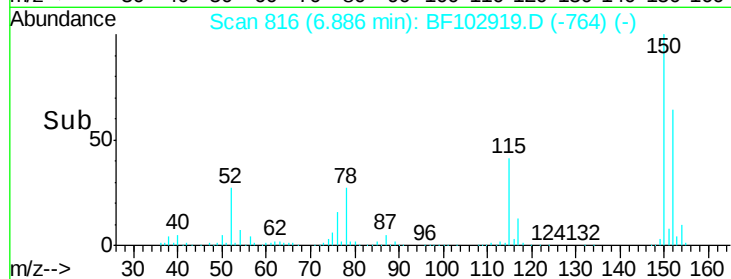
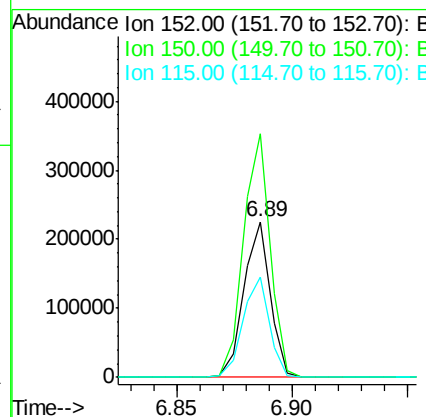
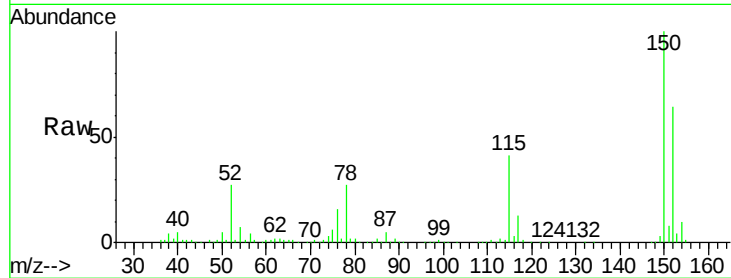
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102919.D
Acq: 12 Feb 2018 14:39

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	64.6	50.1	75.1

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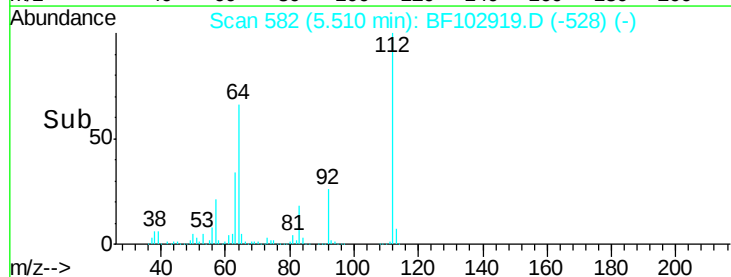
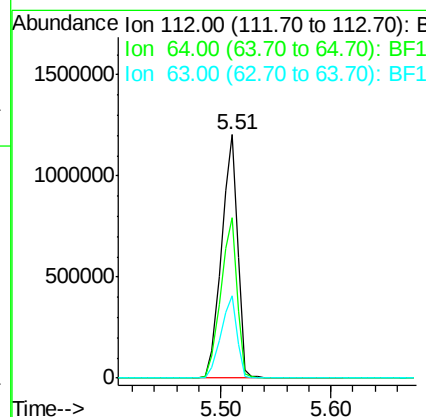
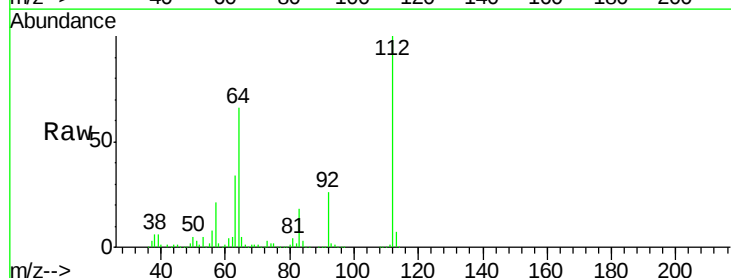
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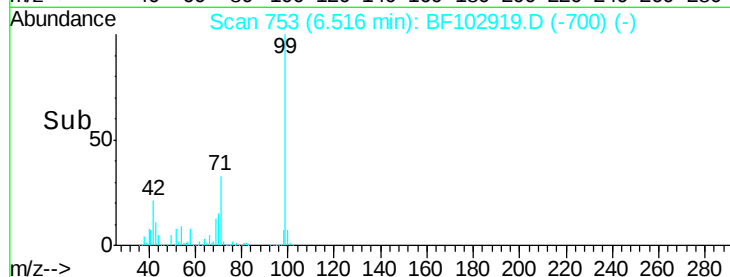
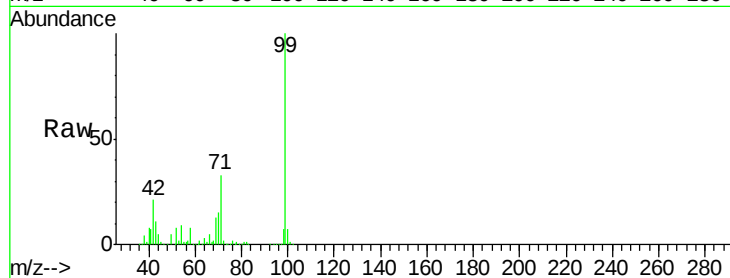
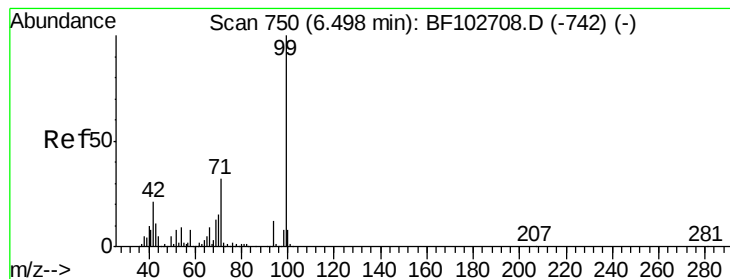


#5

2-Fluorophenol
Concen: 102.706 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102919.D
Acq: 12 Feb 2018 14:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	33.7	23.7	35.5





#7

Phenol-d6

Concen: 101.347 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102919.D

Acq: 12 Feb 2018 14:39

Tot Ion:	99	Resp:	1447817
Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	33.1	25.4	38.0

Instrument :

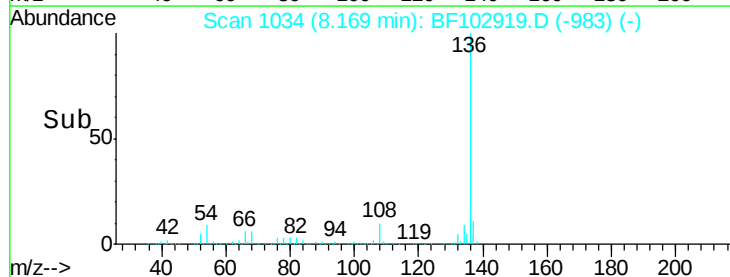
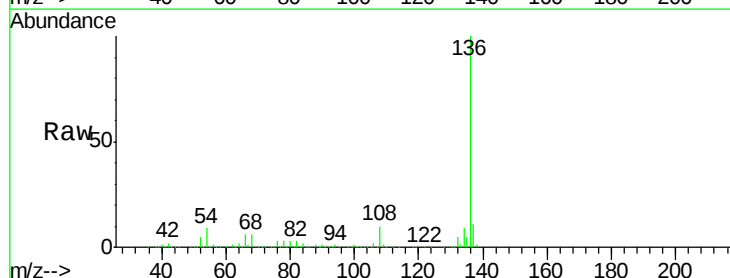
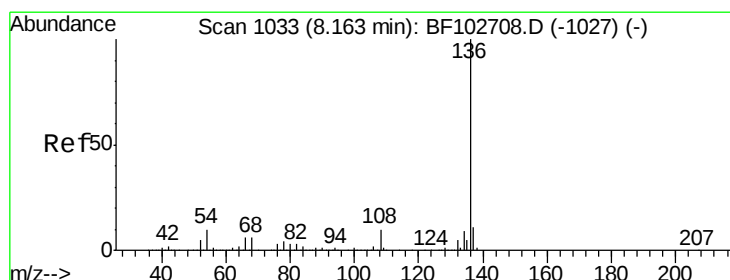
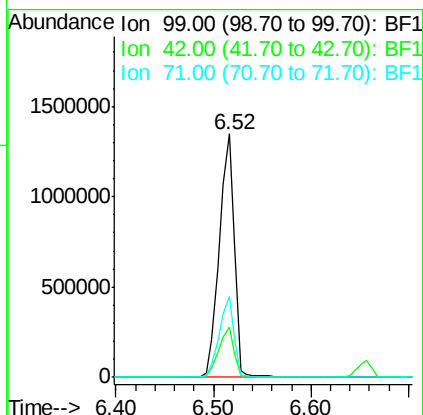
BNA_F

ClientSampleId :

SAMPLE-3

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#21

Naphthalene-d8

Concen: 20.000 ng

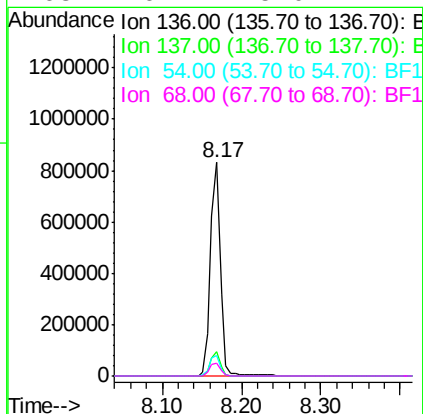
RT: 8.17 min Scan# 1034

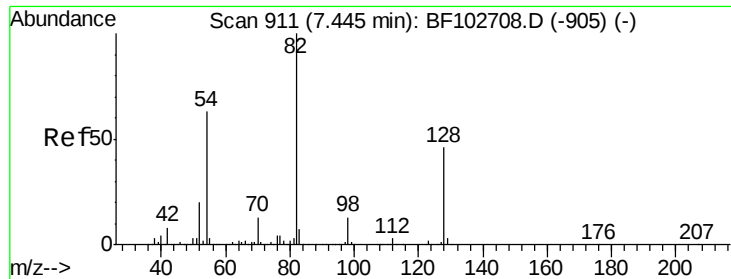
Delta R.T. -0.00 min

Lab File: BF102919.D

Acq: 12 Feb 2018 14:39

Tgt Ion:	136	Resp:	732369
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.4	6.6	9.8
68	6.2	5.0	7.4





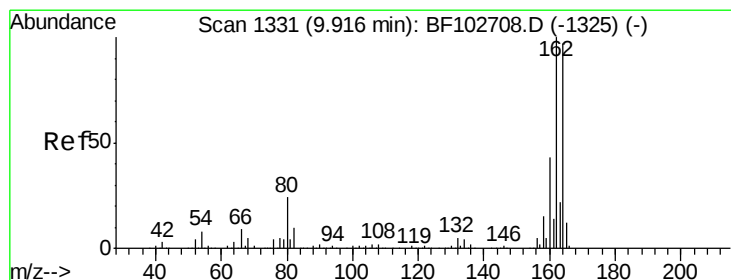
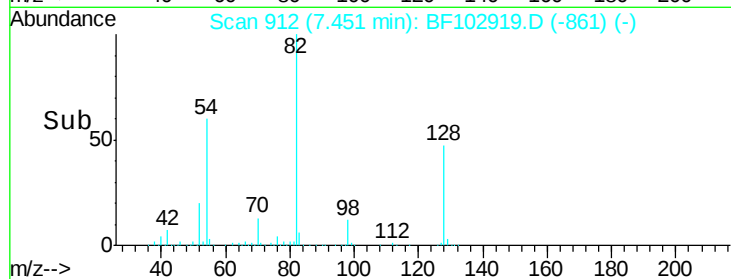
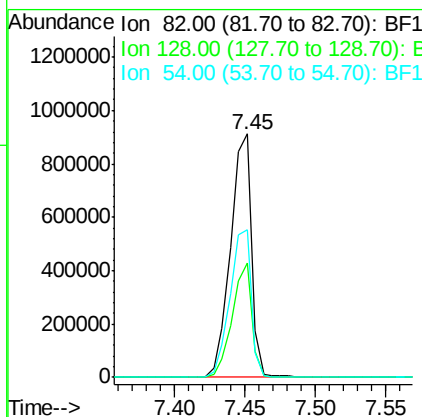
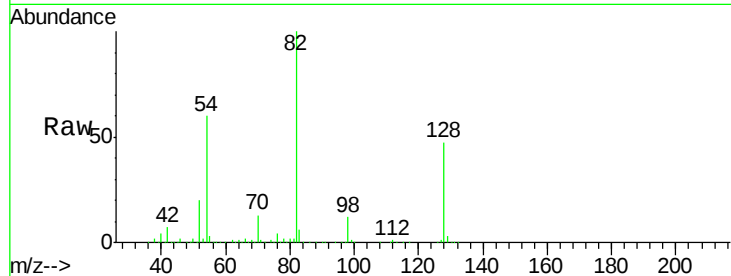
#23
Nitrobenzene-d5
Concen: 89.695 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF102919.D
Acq: 12 Feb 2018 14:39

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	60.4	41.4	62.2

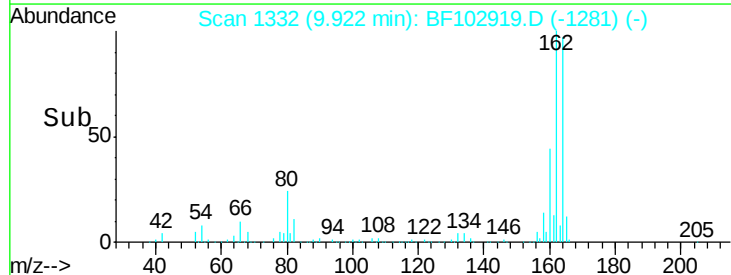
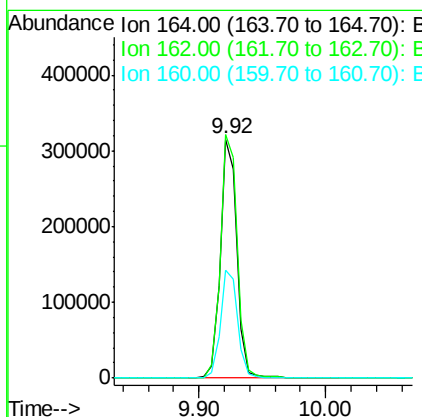
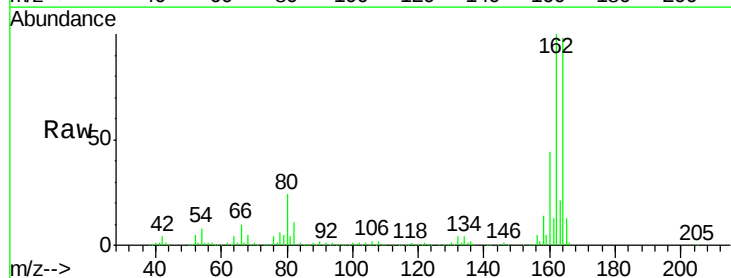
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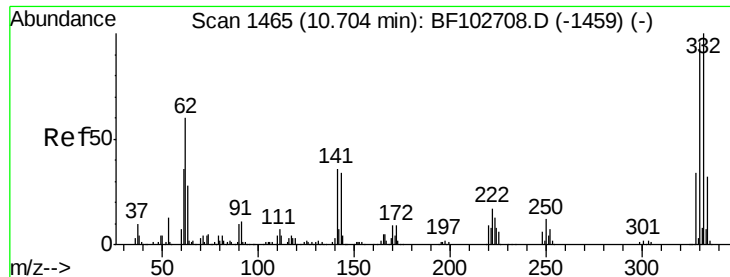
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102919.D
Acq: 12 Feb 2018 14:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	45.1	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 94.994 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF102919.D

Acq: 12 Feb 2018 14:39

Instrument :

BNA_F

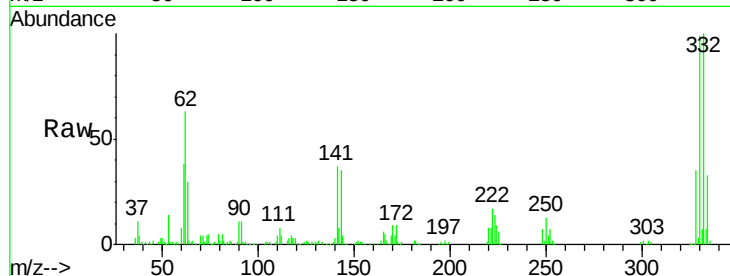
ClientSampleId :

SAMPLE-3

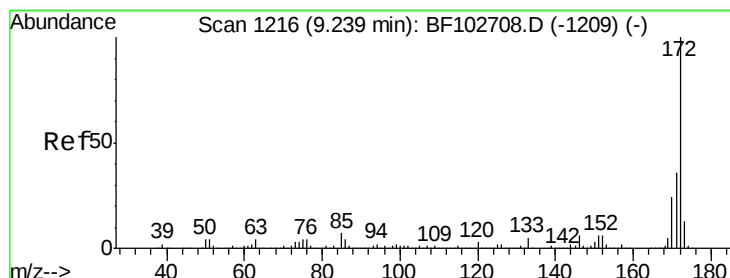
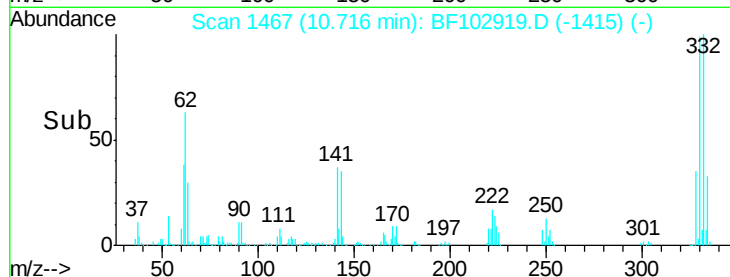
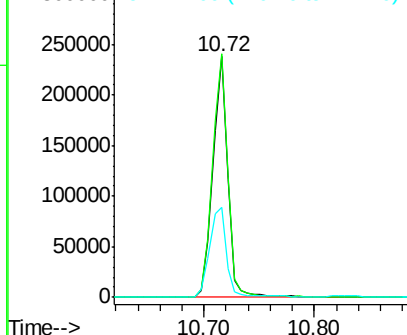
Tot Ion:	330	Resp:	220727
Ion Ratio	Lower	Upper	
330	100		
332	103.2	77.0	115.6
141	41.1	29.9	44.9

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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: 75.555 ng

RT: 9.25 min Scan# 1217

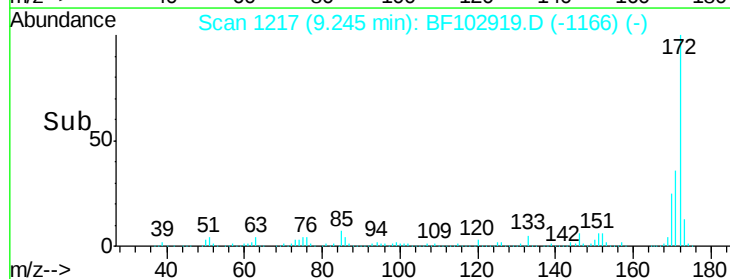
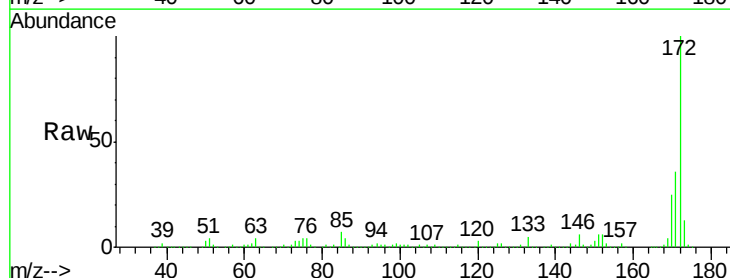
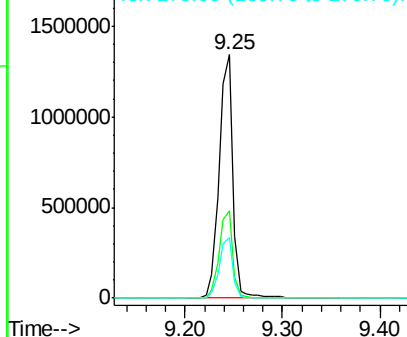
Delta R.T. -0.00 min

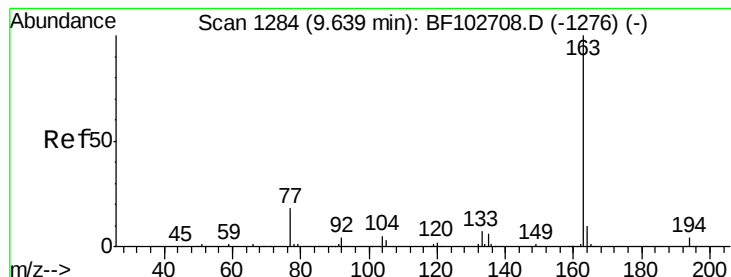
Lab File: BF102919.D

Acq: 12 Feb 2018 14:39

Tgt Ion:	172	Resp:	1314468
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.7	44.5
170	24.7	19.6	29.4

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: 16.796 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF102919.D

Acq: 12 Feb 2018 14:39

Instrument :

BNA_F

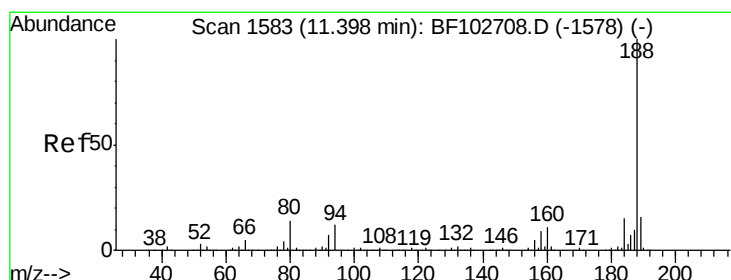
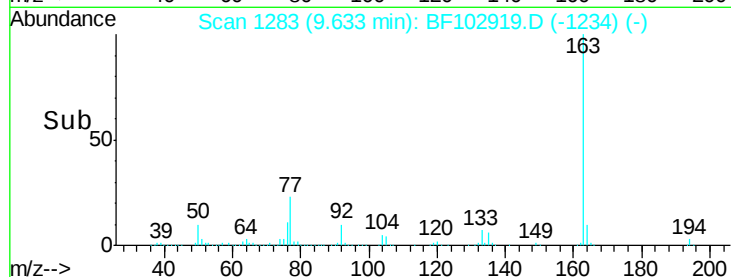
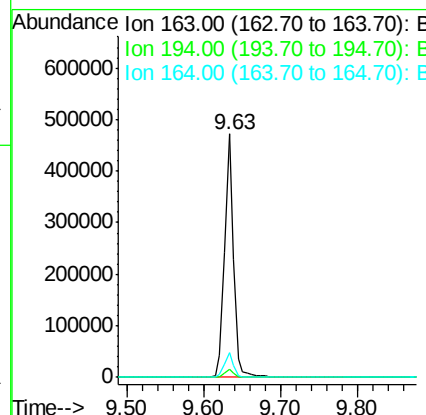
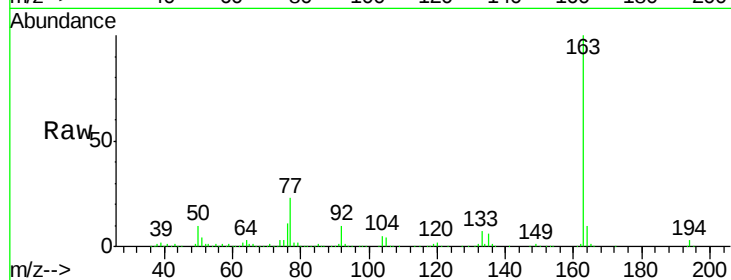
ClientSampleId :

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Tot Ion:	163	Resp:	378063
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	9.9	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

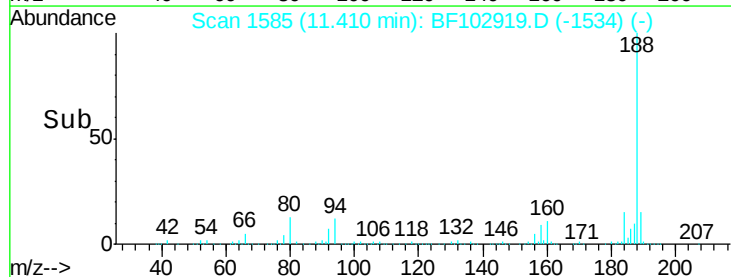
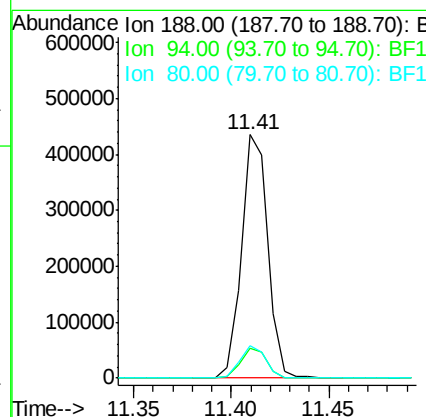
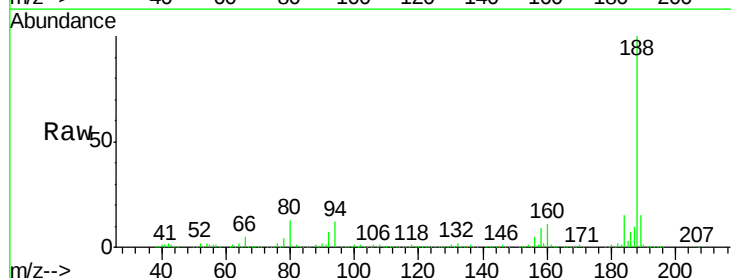
RT: 11.41 min Scan# 1585

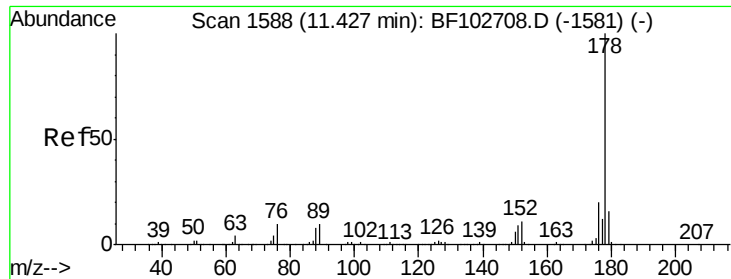
Delta R.T. -0.00 min

Lab File: BF102919.D

Acq: 12 Feb 2018 14:39

Tgt Ion:	188	Resp:	405041
Ion Ratio	Lower	Upper	
188	100		
94	12.1	8.5	12.7
80	13.3	9.2	13.8





#70

Phenanthrene

Concen: 11.582 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF102919.D

Acq: 12 Feb 2018 14:39

Instrument :

BNA_F

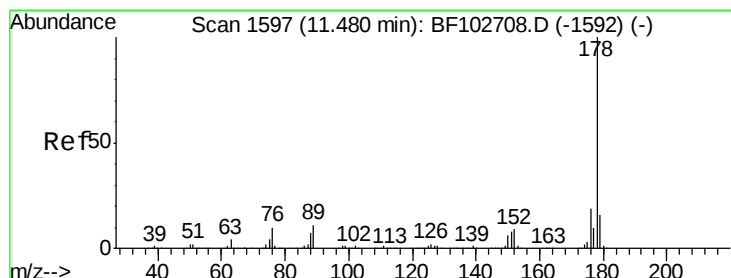
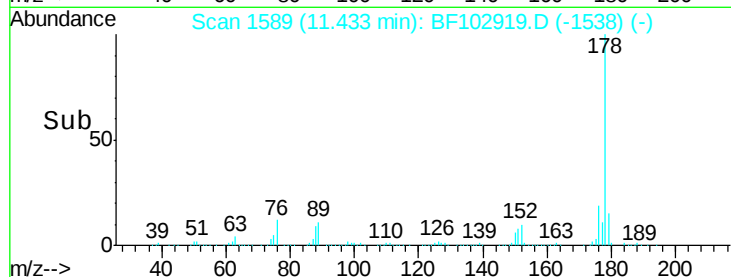
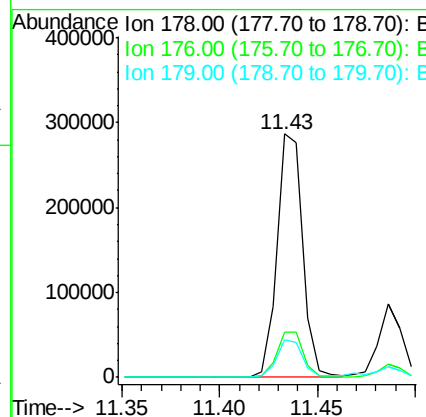
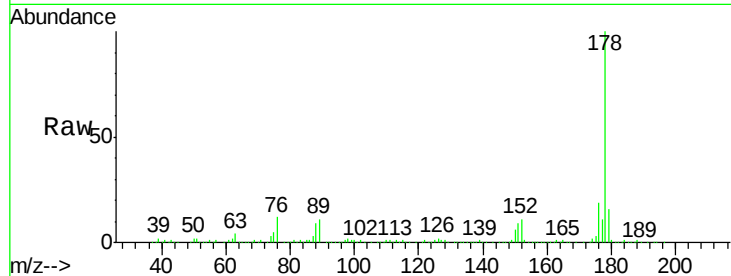
ClientSampleId :

SAMPLE-3

Tot Ion:	178	Resp:	261272
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.8	23.8
179	15.6	13.0	19.6

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#71

Anthracene

Concen: 3.019 ng

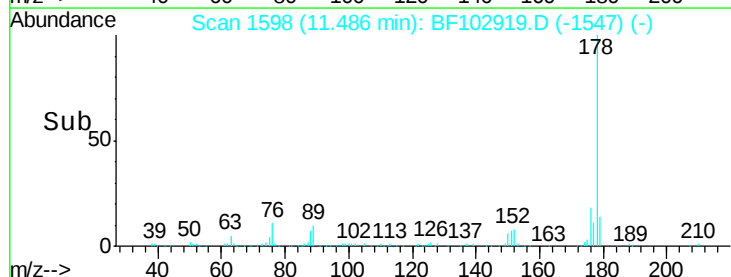
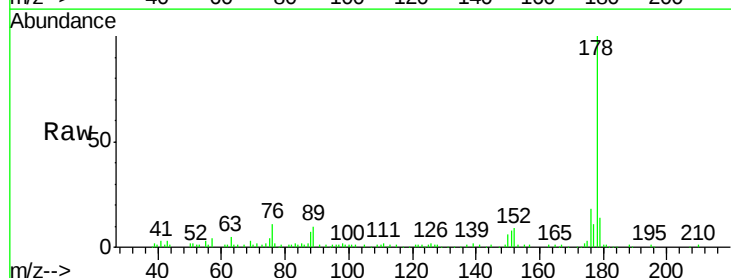
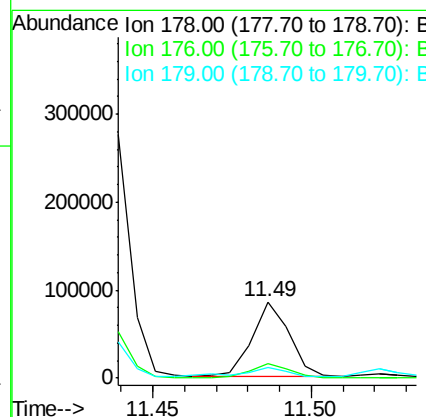
RT: 11.49 min Scan# 1598

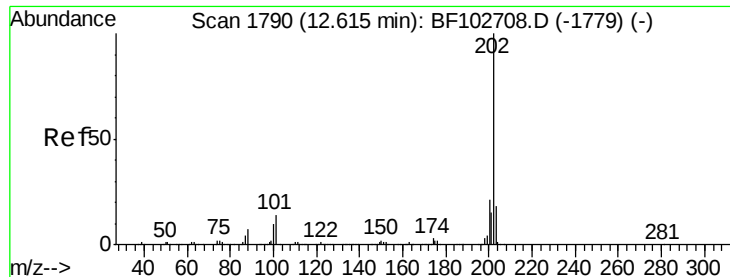
Delta R.T. -0.00 min

Lab File: BF102919.D

Acq: 12 Feb 2018 14:39

Tgt Ion:	178	Resp:	69274
Ion Ratio	Lower	Upper	
178	100		
176	18.2	15.4	23.2
179	14.2	12.6	19.0





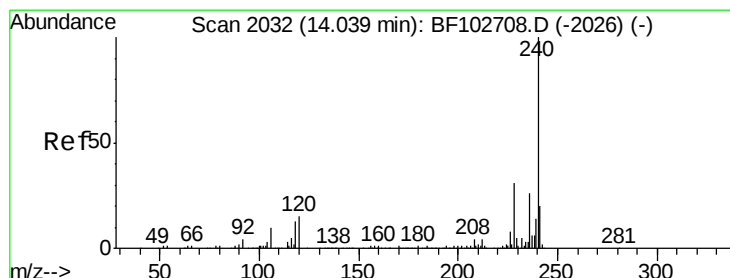
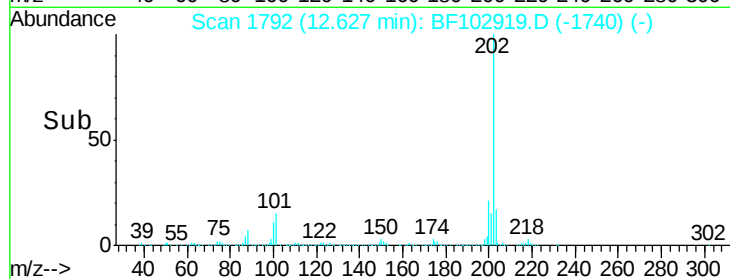
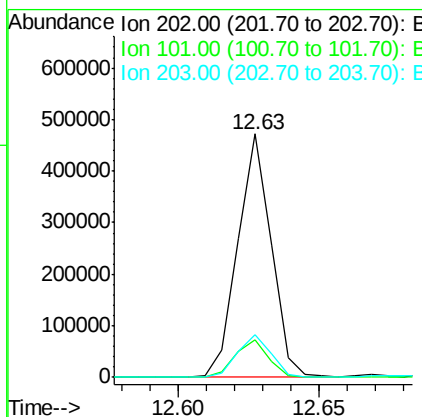
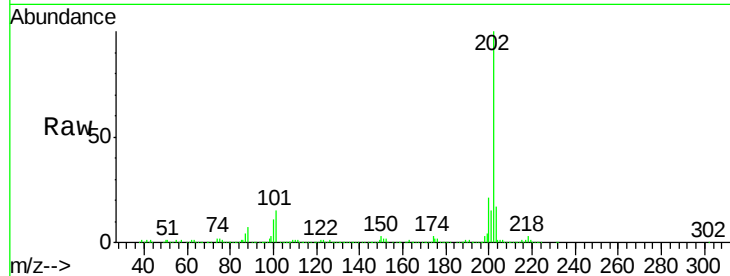
#74
 Fluoranthene
 Concen: 17.062 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: BF102919.D
 Acq: 12 Feb 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.4	0.0	34.1
203	17.5	0.0	38.1

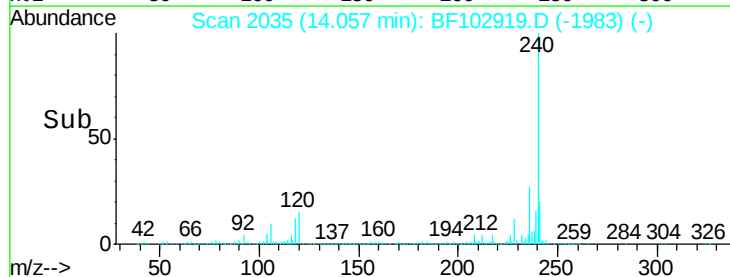
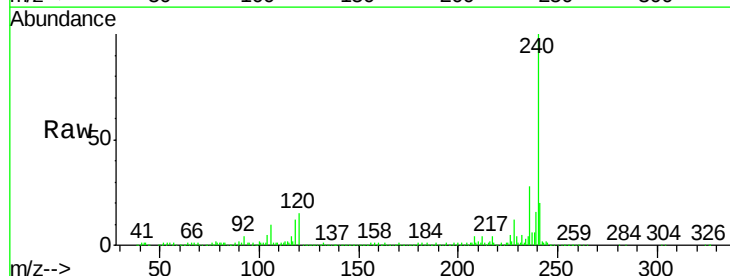
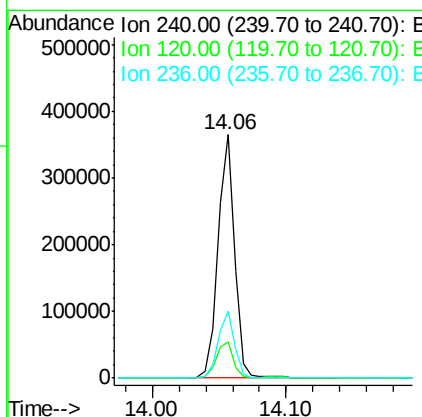
Manual Integrations
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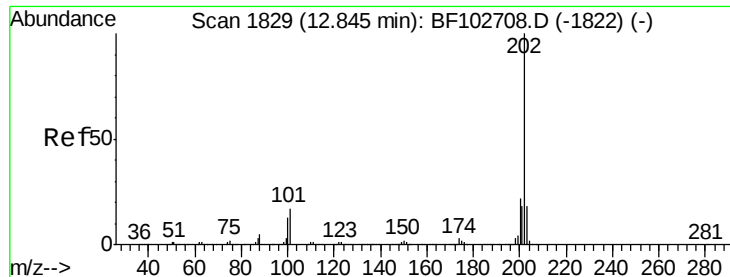
Sohil
 2/13/2018 11:25:34 AM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF102919.D
 Acq: 12 Feb 2018 14:39

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	27.7	20.7	31.1





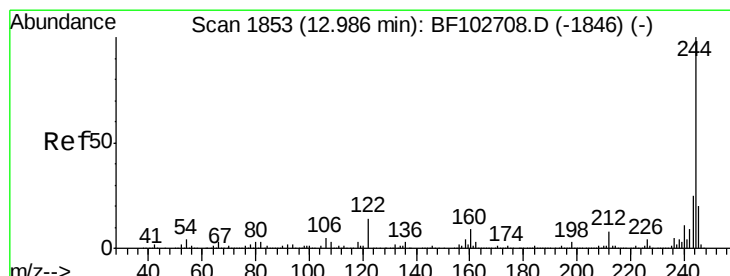
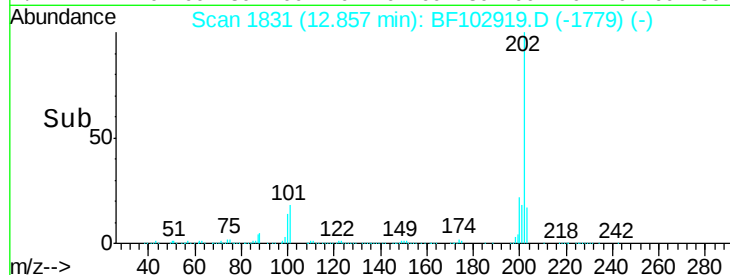
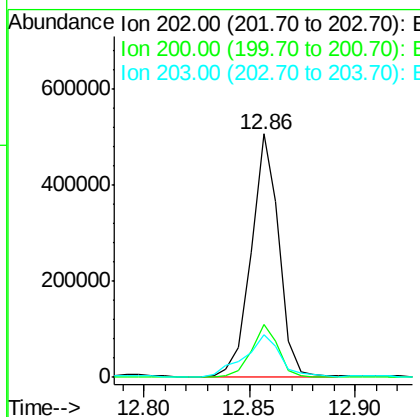
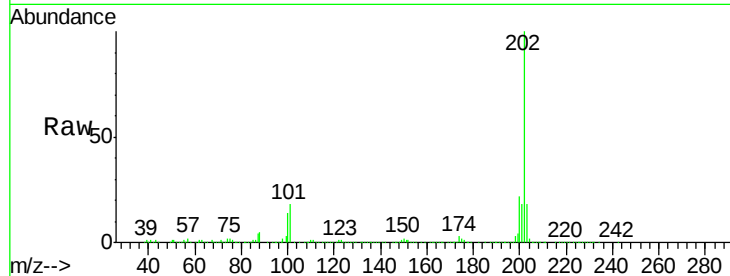
#77
Pvrene
Concen: 18.346 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102919.D
Acq: 12 Feb 2018 14:39

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.8	14.3	21.5

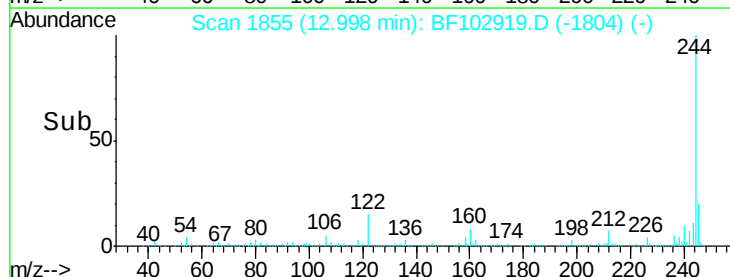
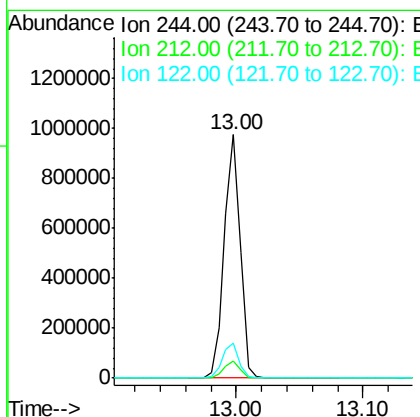
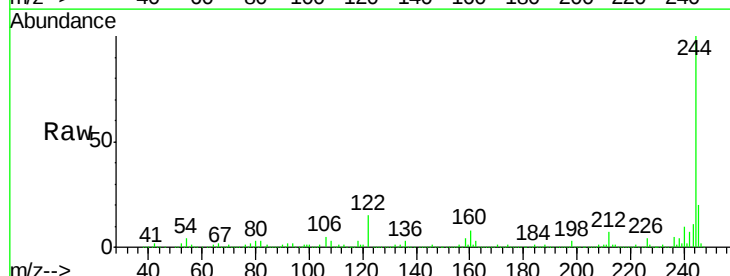
Manual Integrations
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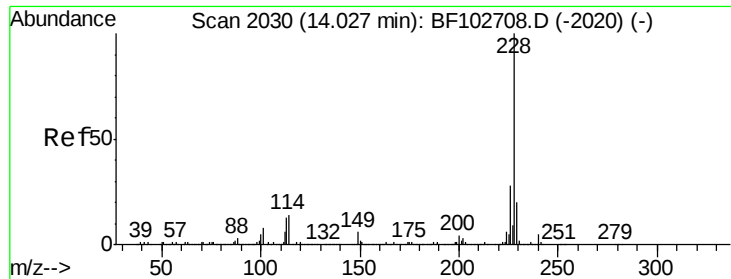
Sohil
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#78
Terphenyl-d14
Concen: 63.438 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102919.D
Acq: 12 Feb 2018 14:39

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.6	11.0	16.4





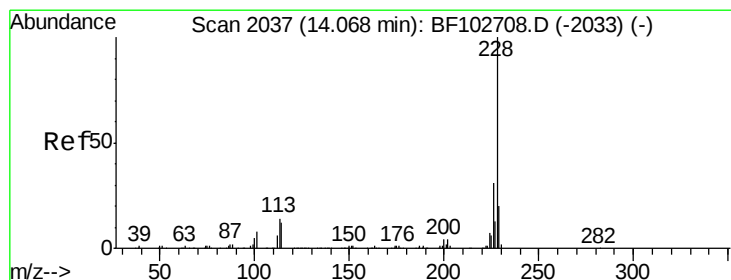
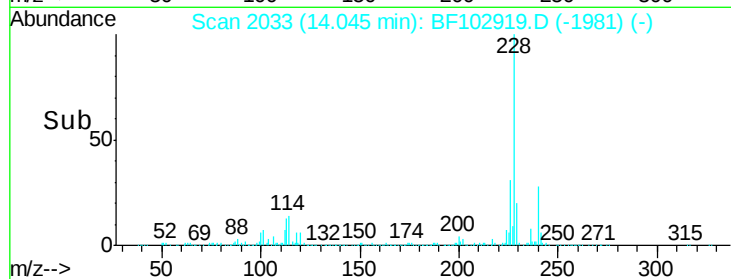
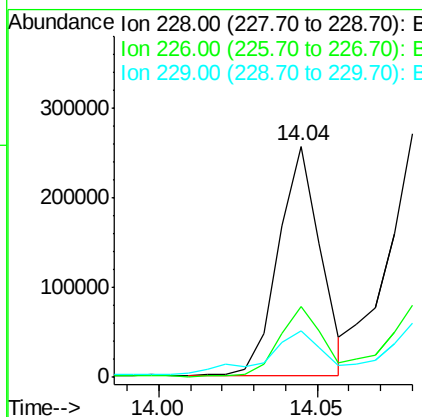
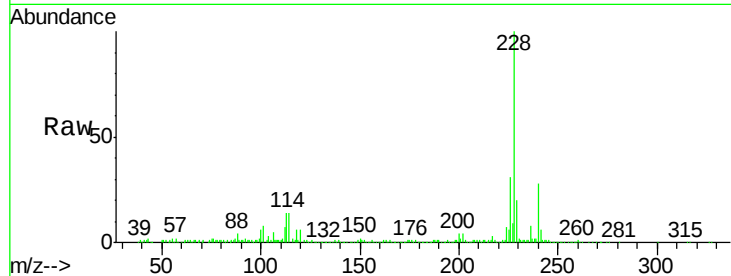
#80
Benzo(a)anthracene
Concen: 11.794 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102919.D
Acq: 12 Feb 2018 14:39

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	33.8
229	20.3	15.8	23.6

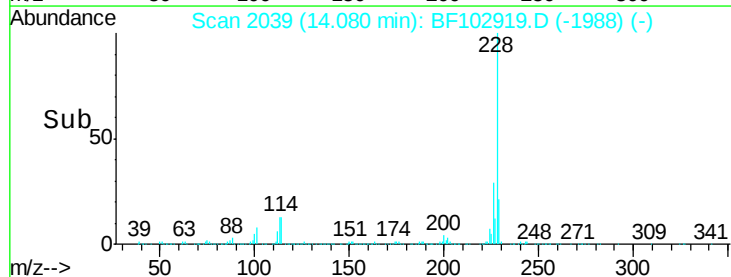
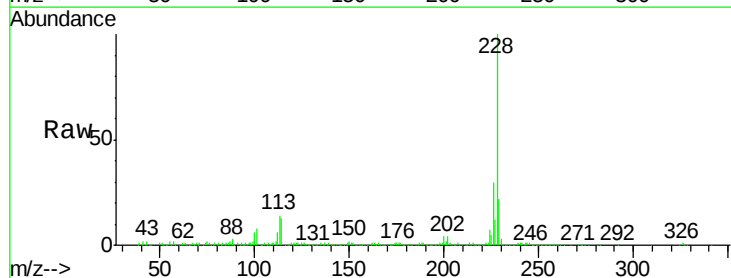
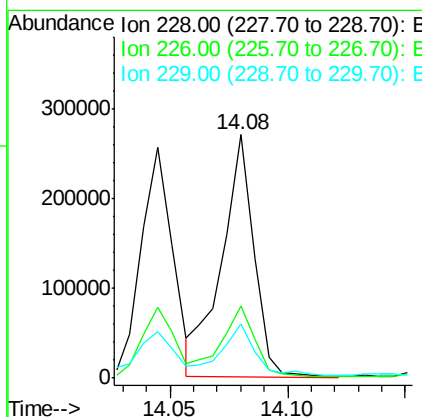
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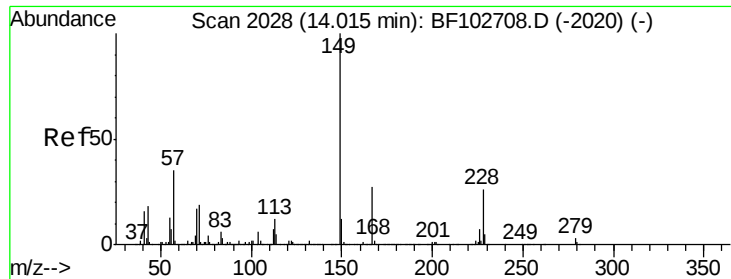
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#82
Chrysene
Concen: 12.767 ng m
RT: 14.08 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BF102919.D
Acq: 12 Feb 2018 14:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	22.2	16.2	24.4





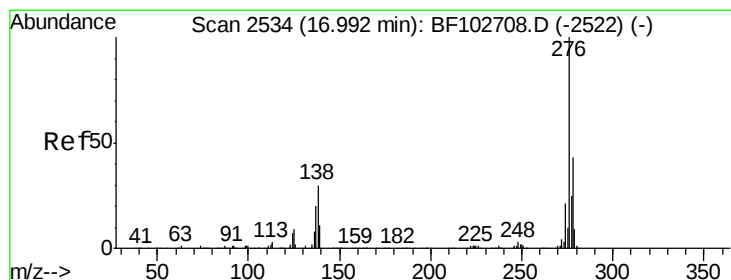
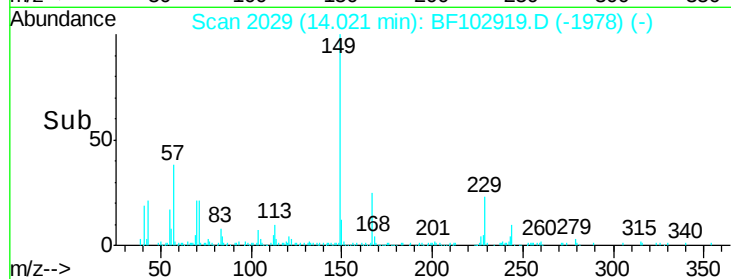
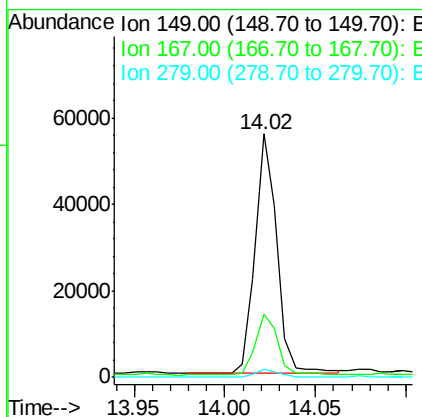
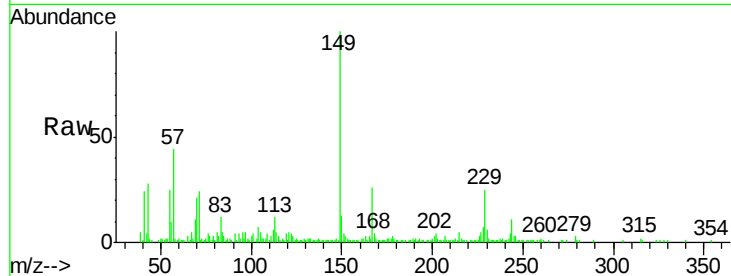
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.031 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BF102919.D
 Acq: 12 Feb 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	3.1	3.0	4.4

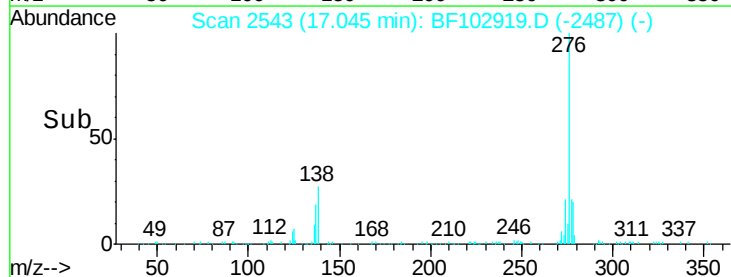
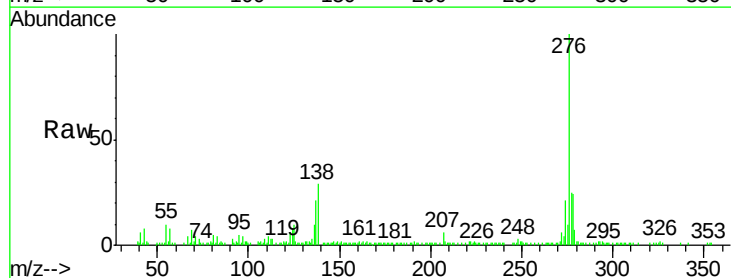
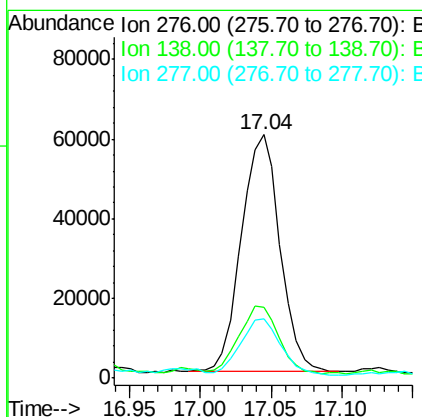
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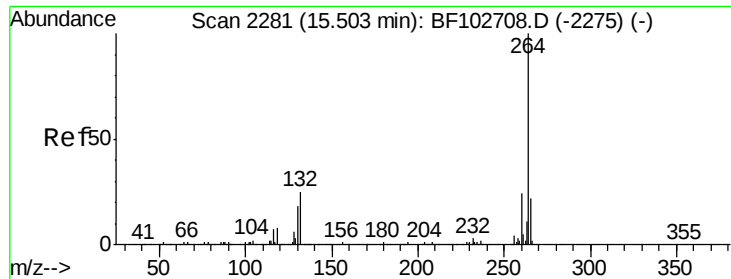
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.794 ng
 RT: 17.04 min Scan# 2543
 Delta R.T. 0.03 min
 Lab File: BF102919.D
 Acq: 12 Feb 2018 14:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.0	37.6
277	25.3	20.1	30.1





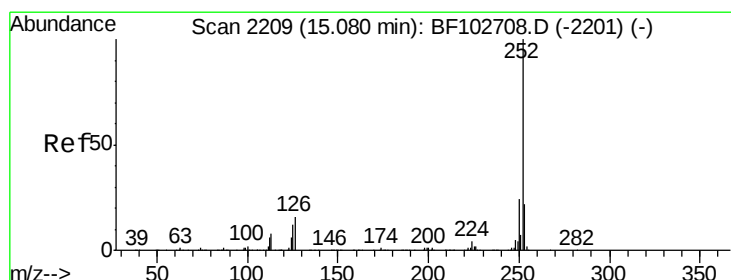
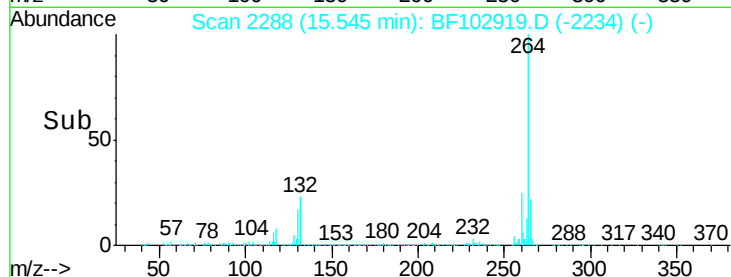
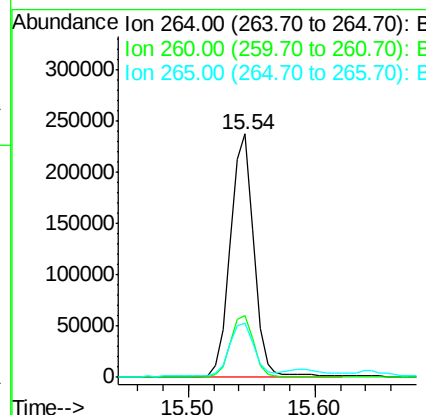
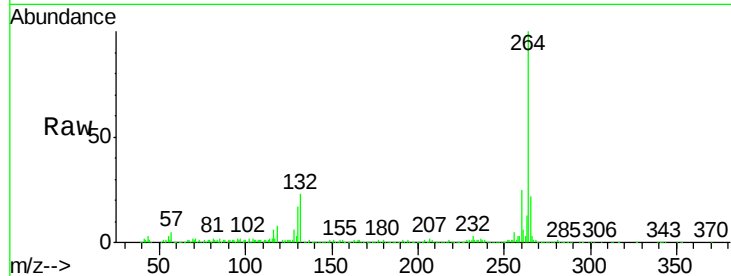
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.02 min
Lab File: BF102919.D
Acq: 12 Feb 2018 14:39

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	25.3	19.2	28.8	
265	22.1	17.5	26.3	

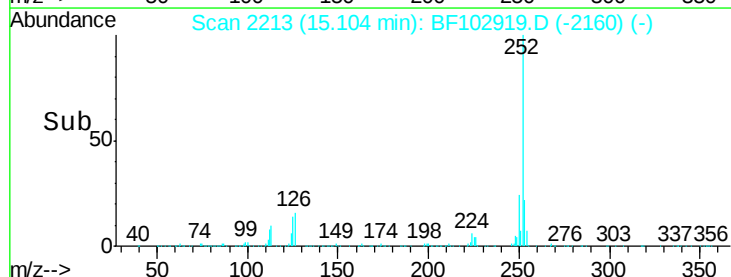
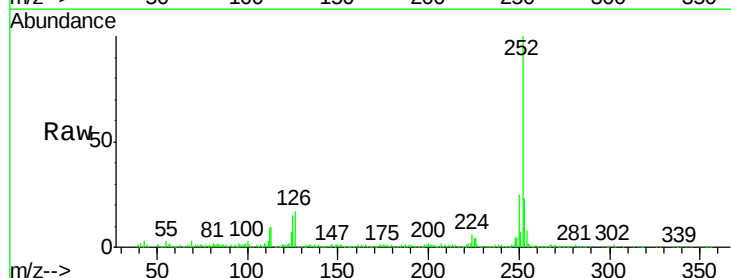
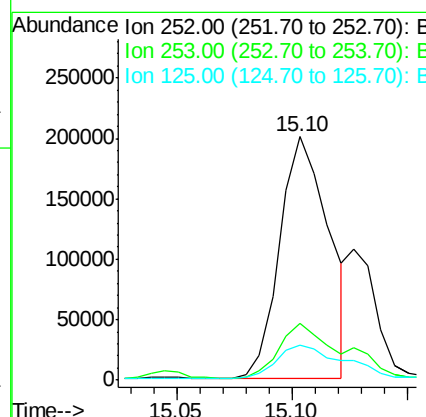
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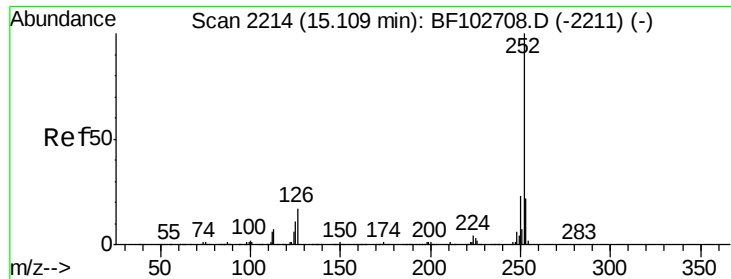
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#87
Benzo(b)fluoranthene
Concen: 15.132 ng m
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF102919.D
Acq: 12 Feb 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.1	17.0	25.6	
125	14.5	9.0	13.6	





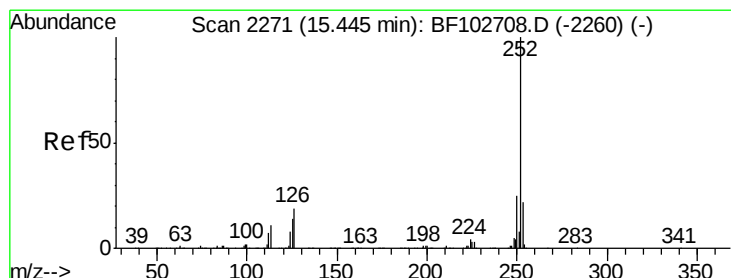
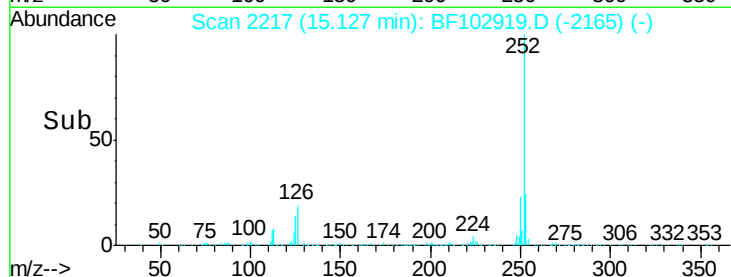
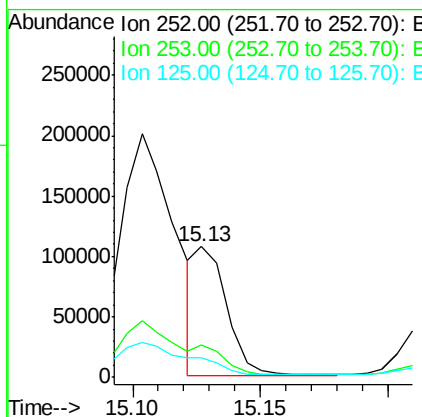
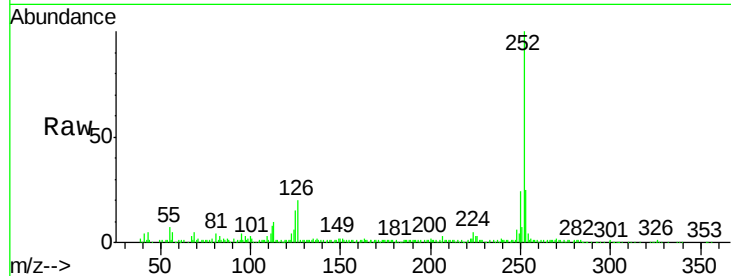
#88
Benzo(k)fluoranthene
Concen: 4.940 ng m
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF102919.D
Acq: 12 Feb 2018 14:39

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	15.0	10.2	15.2

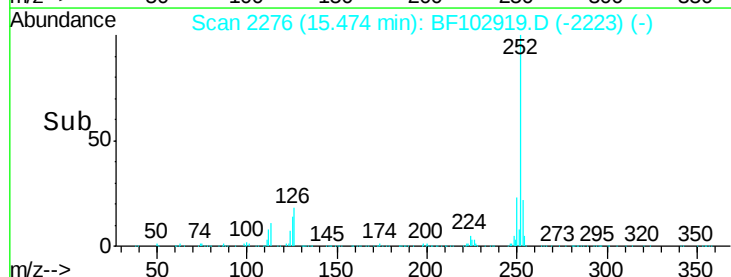
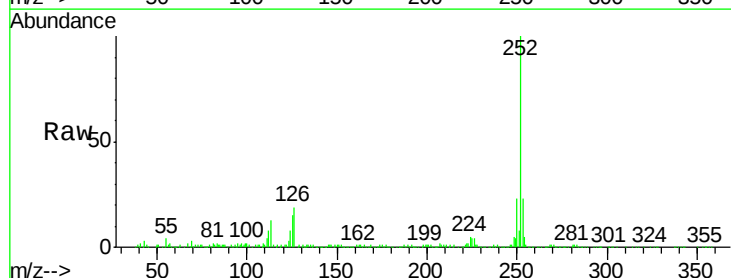
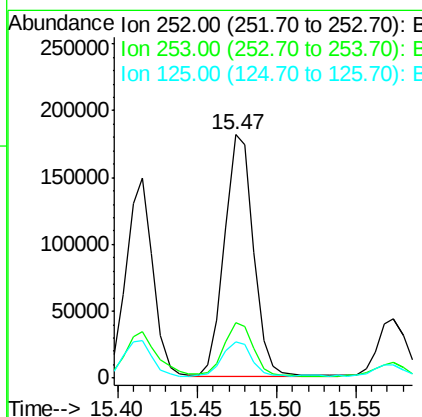
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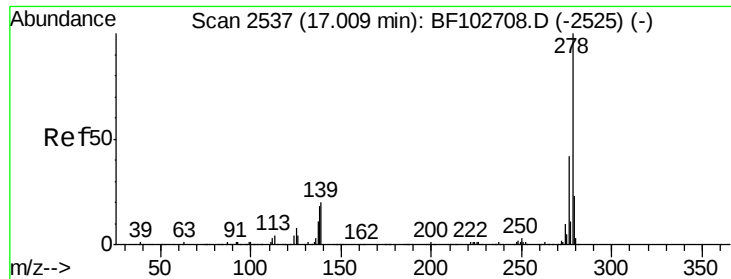
Sohil
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#89
Benzo(a)pyrene
Concen: 13.146 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF102919.D
Acq: 12 Feb 2018 14:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	15.0	9.8	14.6





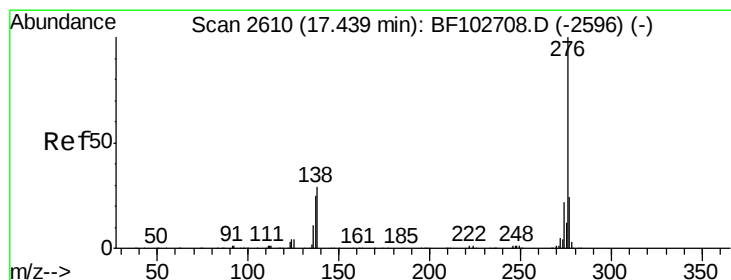
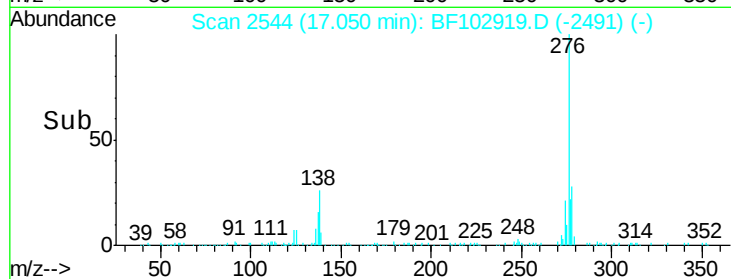
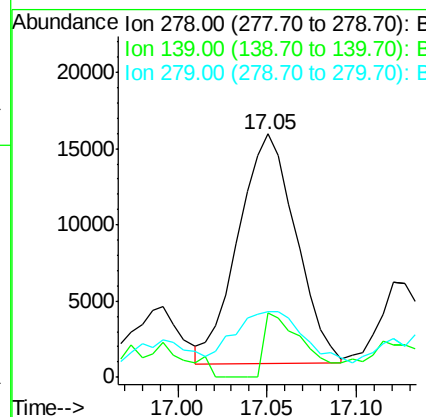
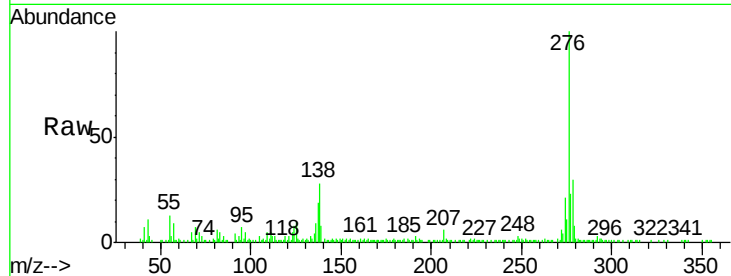
#90
Dibenzo(a,h)anthracene
Concen: 2.376 ng/mL
RT: 17.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BF102919.D
Acq: 12 Feb 2018 14:39

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3

Tot Ion	Ratio	Lower	Upper
278	100		
139	26.4	15.9	23.9
279	27.0	19.0	28.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 9.016 ng/mL
RT: 17.50 min Scan# 2621
Delta R.T. 0.03 min
Lab File: BF102919.D
Acq: 12 Feb 2018 14:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	28.5	21.8	32.8

