

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111934.D
 Acq On : 9 Jan 2019 4:29
 Operator : JU/SJ
 Sample : K1010-01DL 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-010419DL

Manual Integrations
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 1/9/2019 10:37:01 AM

Quant Time: Jan 09 05:30:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	108899	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	407904	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	196767	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	394868	20.00	ng	0.00
76) Chrysene-d12	14.06	240	242793	20.00	ng	0.00
87) Perylene-d12	15.54	264	231009	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	61752	9.70	ng	0.00
7) Phenol-d6	6.52	99	77247	9.42	ng	-0.01
23) Nitrobenzene-d5	7.44	82	38622	5.06	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	19770	7.72	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	80338	5.95	ng	-0.01
79) Terphenyl-d14	12.99	244	83871	6.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
58) Fluorene	10.47	166	27949	2.145	ng	95
71) Phenanthrene	11.43	178	290542	13.762	ng	99
72) Anthracene	11.49	178	85228	3.977	ng	97
75) Fluoranthene	12.63	202	661786	30.535	ng	99
78) Pyrene	12.86	202	558874	33.454	ng	99
81) Benzo(a)anthracene	14.04	228	202096	14.463	ng	99
83) Chrysene	14.08	228	168364	12.637	ng	97
86) Indeno(1,2,3-cd)pyrene	17.04	276	66410	6.837	ng	97
88) Benzo(b)fluoranthene	15.10	252	233584m	16.903	ng	
89) Benzo(k)fluoranthene	15.13	252	80713m	6.214	ng	
90) Benzo(a)pyrene	15.47	252	170558	14.037	ng	# 95
92) Benzo(a,h,i)perylene	17.49	276	58181	6.087	ng	98

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

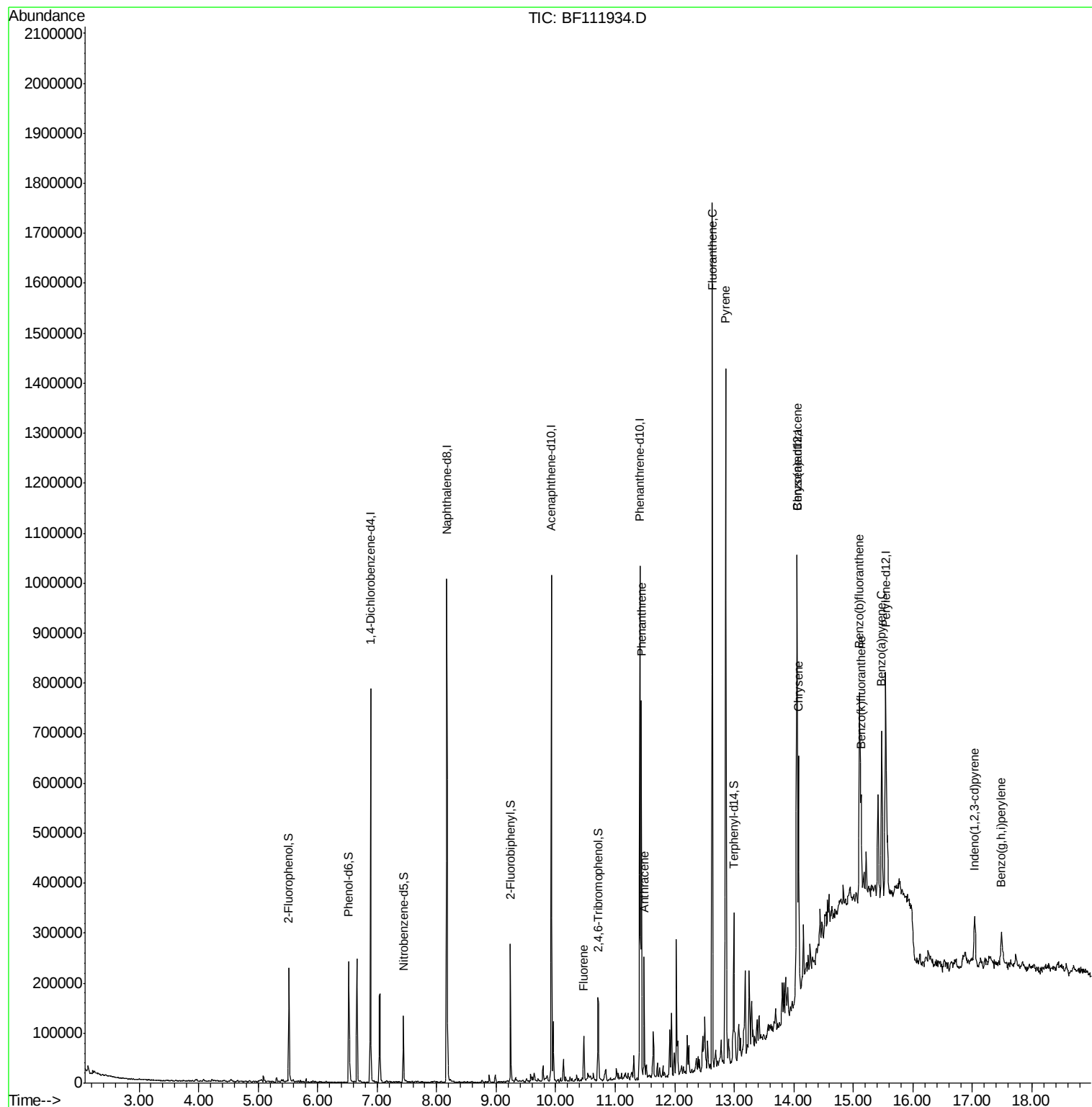
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
Data File : BF111934.D
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Operator : JU/SJ
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ALS Vial : 29 Sample Multiplier: 1

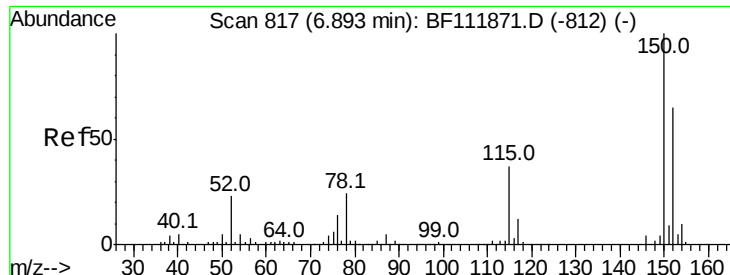
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

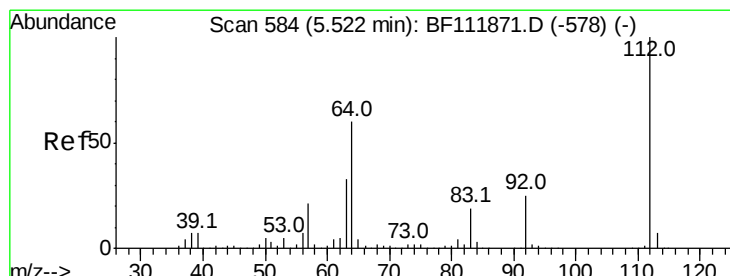
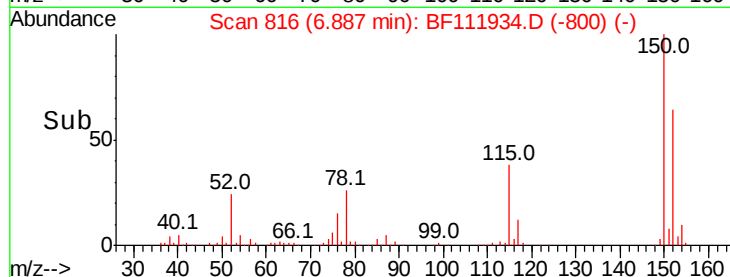
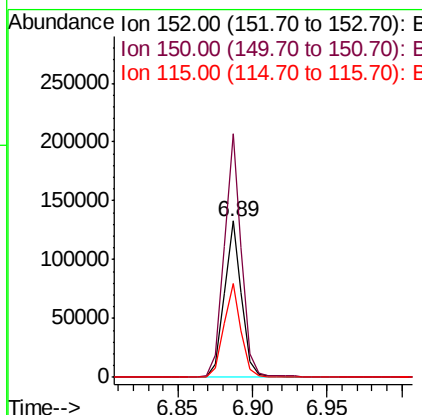
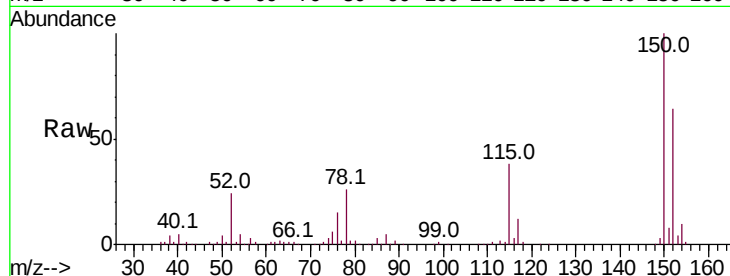
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Instrument :
BNA_F
ClientSampleId :
OK-03-010419DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.7	184.1
115	60.0	45.2	67.8

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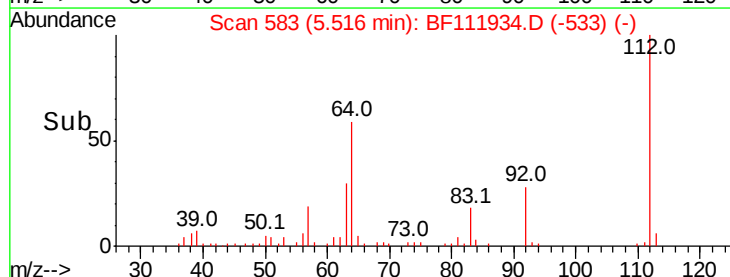
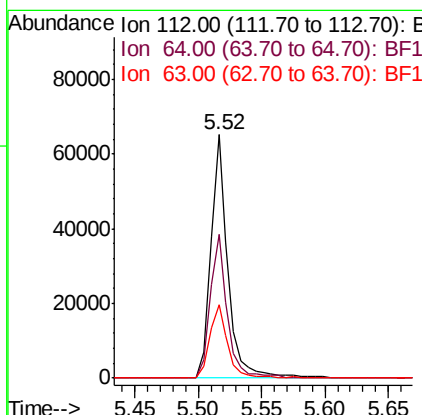
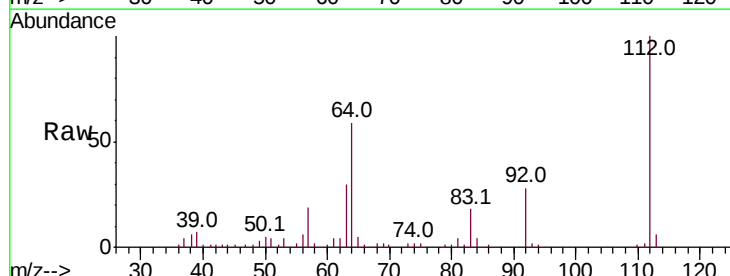
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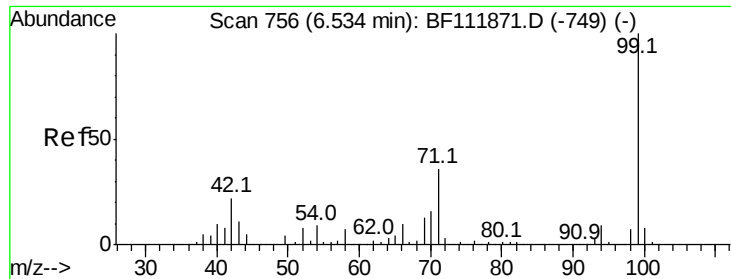


#5

2-Fluorophenol
Concen: 9.701 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	48.3	72.5
63	30.3	26.1	39.1





#7

Phenol-d6

Concen: 9.416 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111934.D

Acq: 9 Jan 2019 4:29

Instrument :

BNA_F

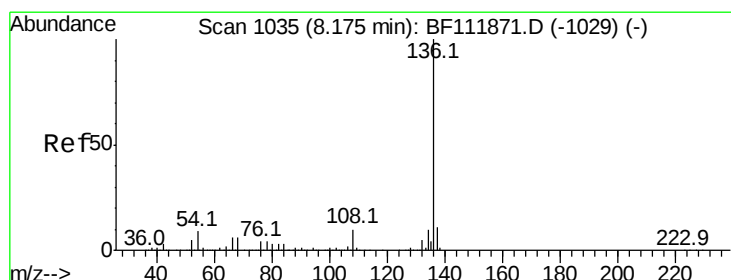
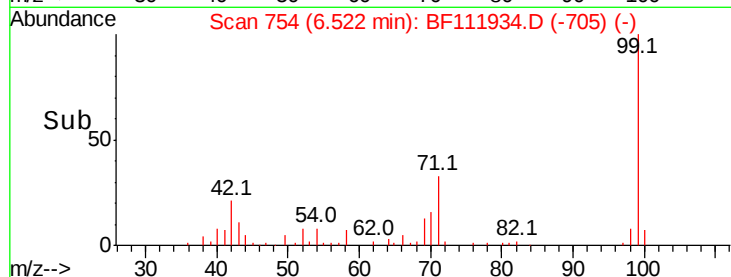
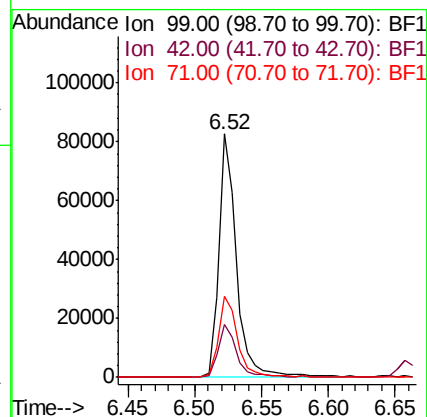
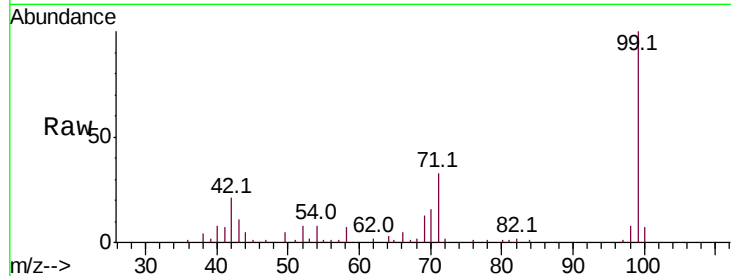
ClientSampleId :

OK-03-010419DL

Tot Ion:	99	Resp:	77247
Ion Ratio	Lower	Upper	
99	100		
42	21.5	17.9	26.9
71	33.4	28.7	43.1

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#21

Naphthalene-d8

Concen: 20.000 ng

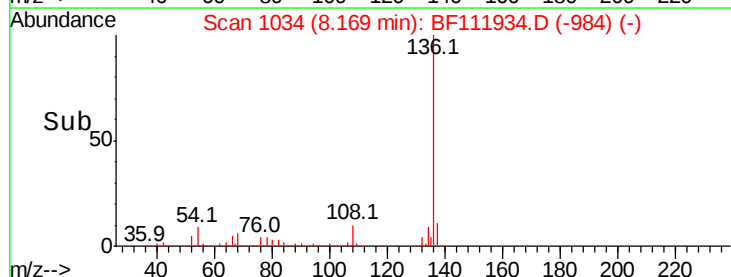
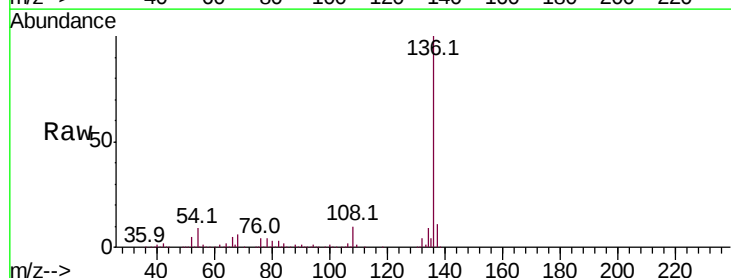
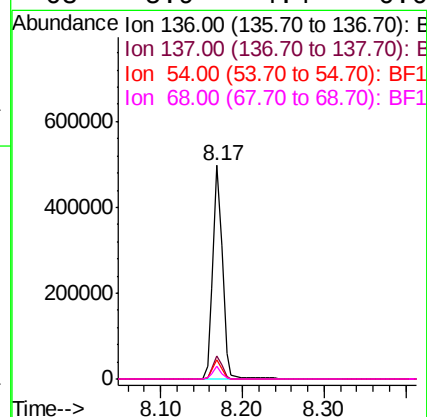
RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111934.D

Acq: 9 Jan 2019 4:29

Tgt Ion:	136	Resp:	407904
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.1	13.7
54	8.8	7.2	10.8
68	5.9	4.4	6.6





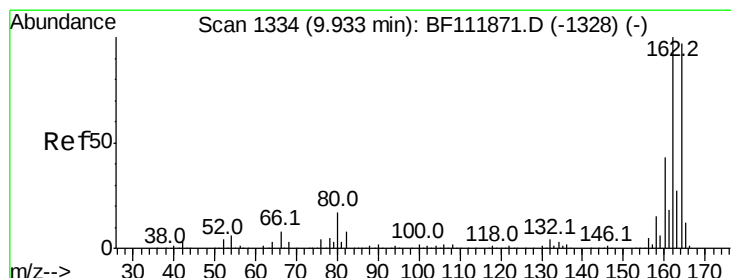
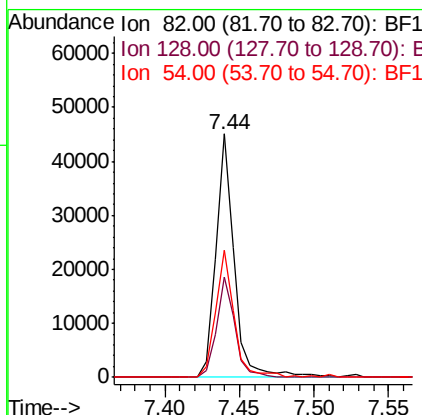
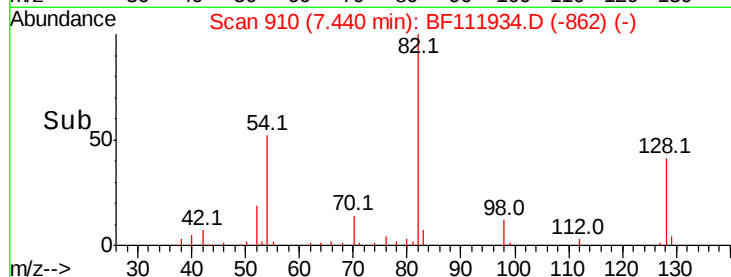
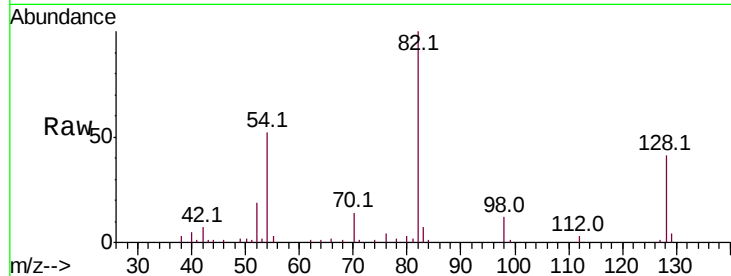
#23
Nitrobenzene-d5
Concen: 5.060 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Instrument :
BNA_F
ClientSampleId :
OK-03-010419DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	35.7	53.5
54	52.0	45.8	68.8

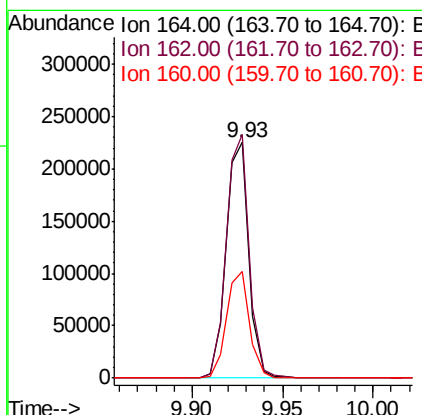
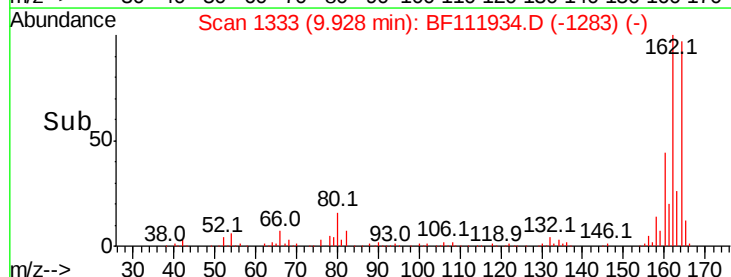
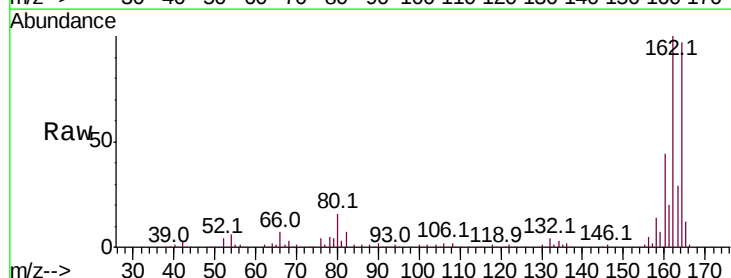
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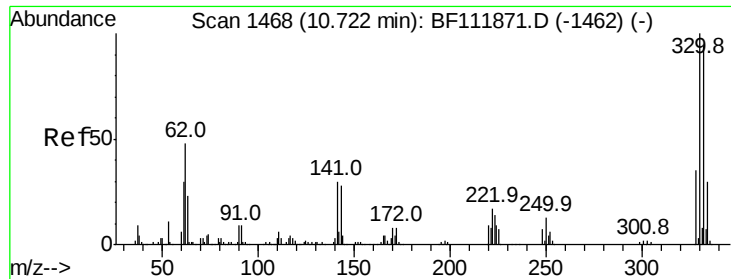
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.2	123.2
160	45.0	35.5	53.3





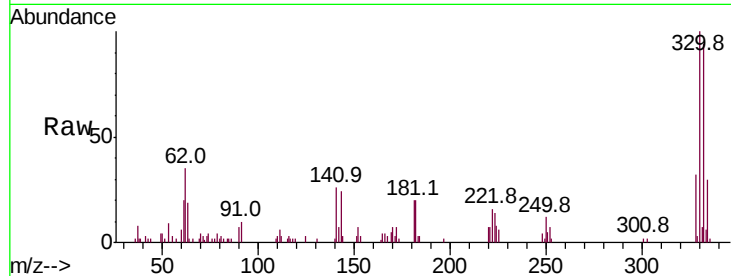
#42
 2,4,6-Tribromophenol
 Concen: 7.725 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111934.D
 Acq: 9 Jan 2019 4:29

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-010419DL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	19770		
332	98.1	76.9	115.3	
141	30.2	23.7	35.5	

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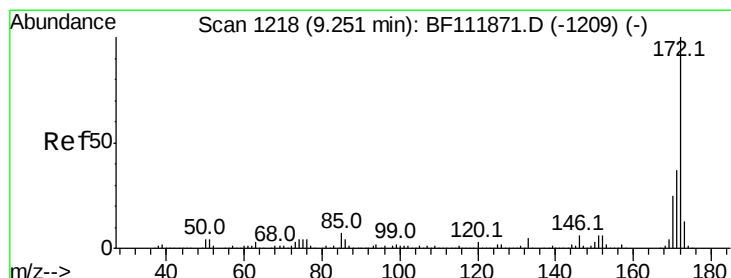
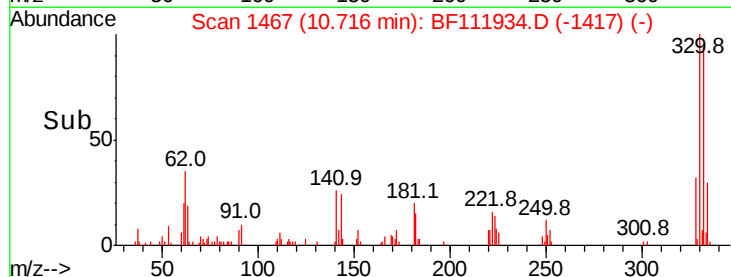
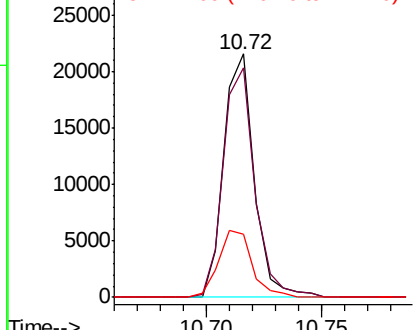


Abundance

Ion 329.80 (329.50 to 330.50): E

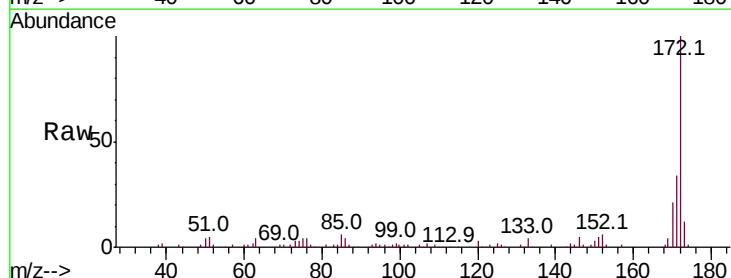
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 5.954 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF111934.D
 Acq: 9 Jan 2019 4:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	80338		
171	34.0	29.6	44.4	
170	20.6	19.8	29.8	

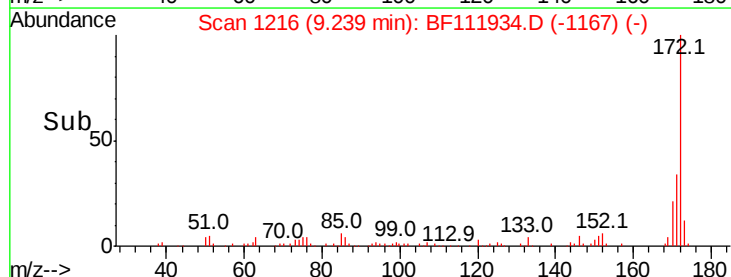
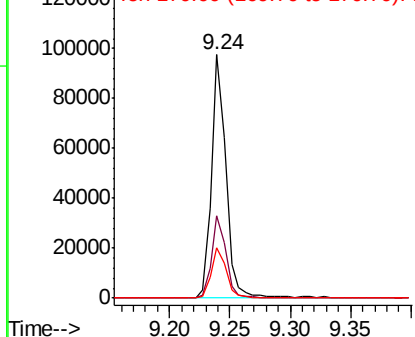


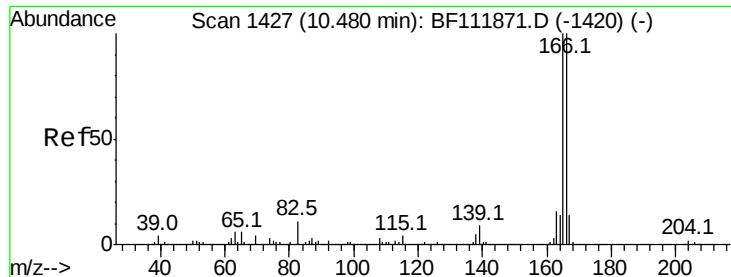
Abundance

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





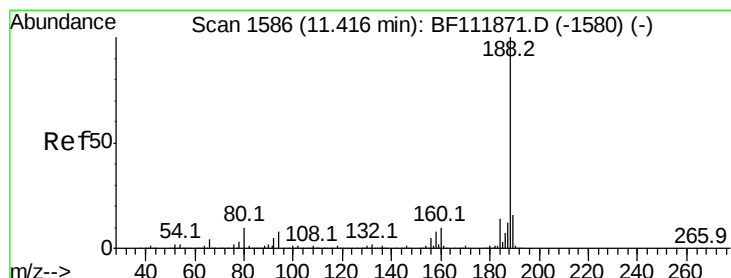
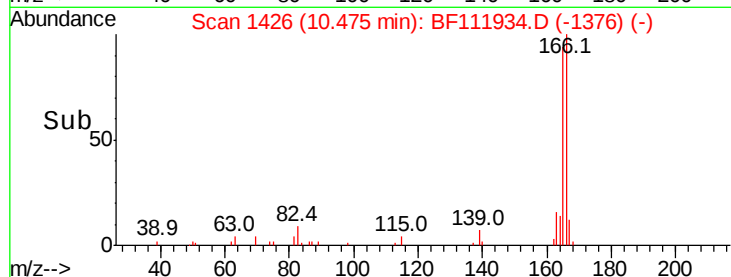
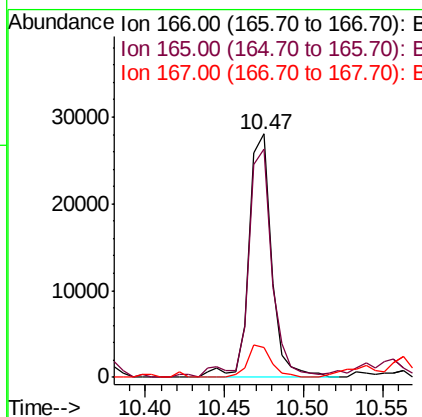
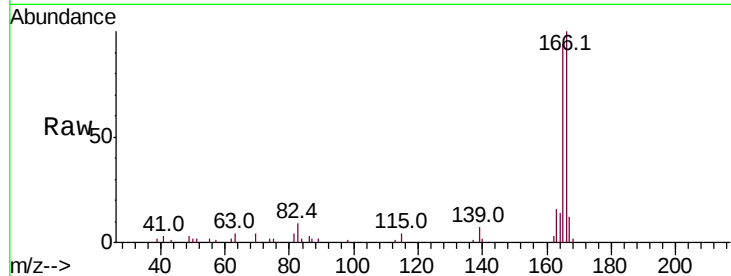
#58
Fluorene
 Concen: 2.145 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF111934.D
 Acq: 9 Jan 2019 4:29

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-010419DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	93.9	79.7	119.5
167	12.4	11.1	16.7

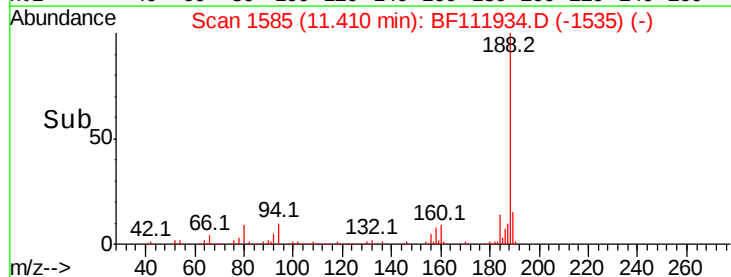
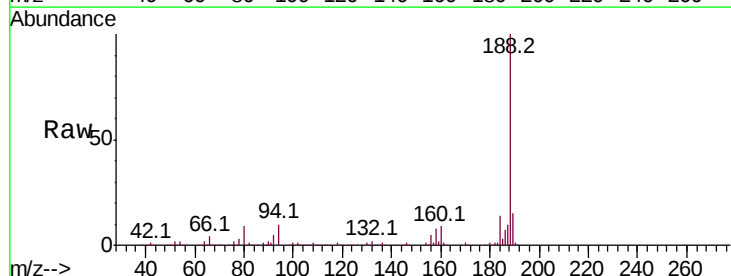
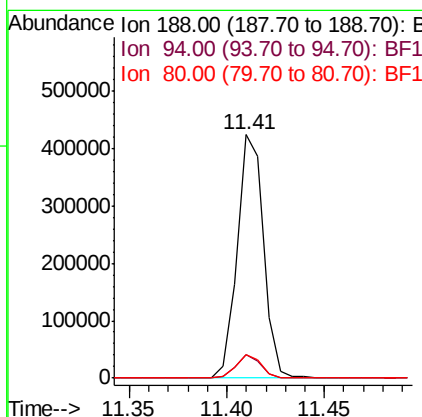
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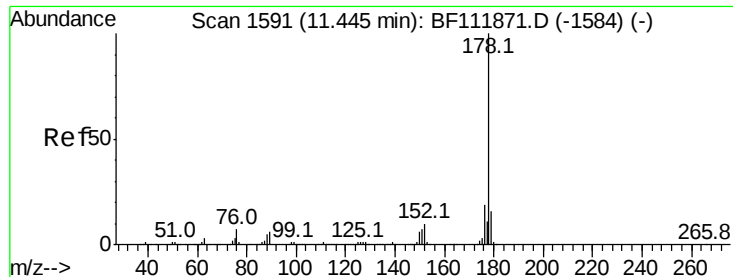
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#64
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF111934.D
 Acq: 9 Jan 2019 4:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	6.6	10.0
80	9.5	7.7	11.5





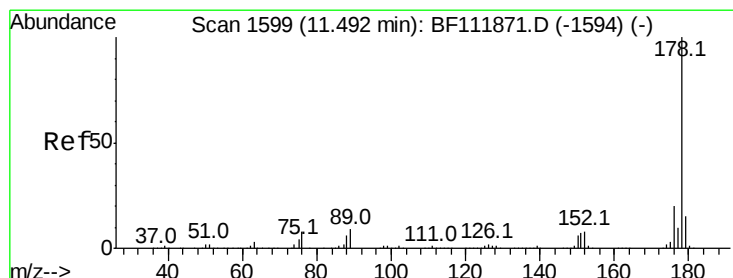
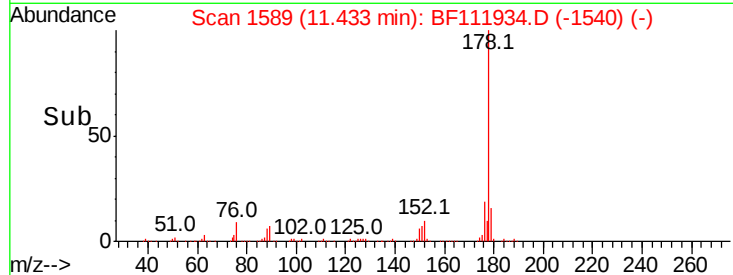
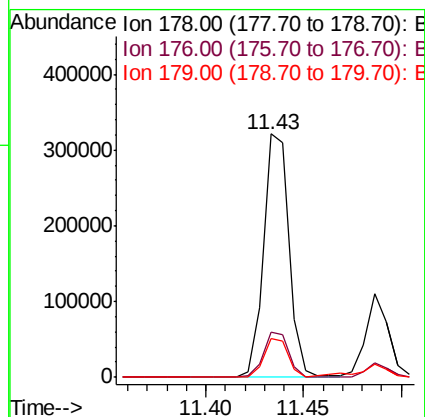
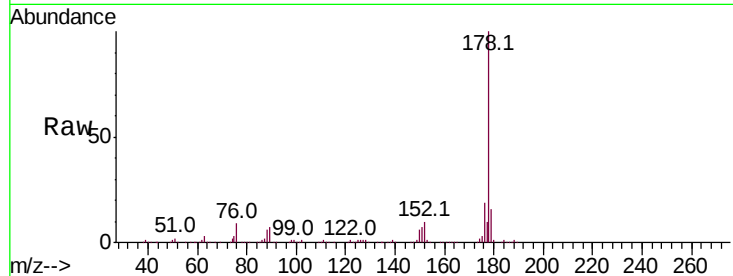
#71
Phenanthrene
Concen: 13.762 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Instrument :
BNA_F
ClientSampleId :
OK-03-010419DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	15.9	12.6	18.8

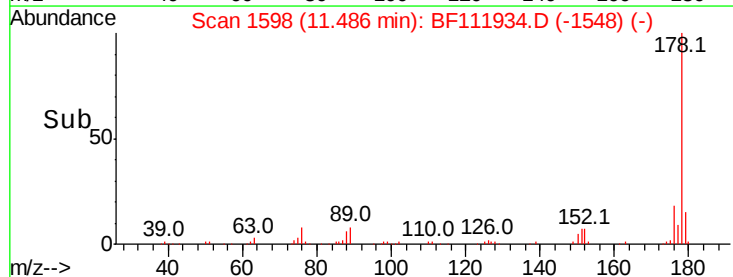
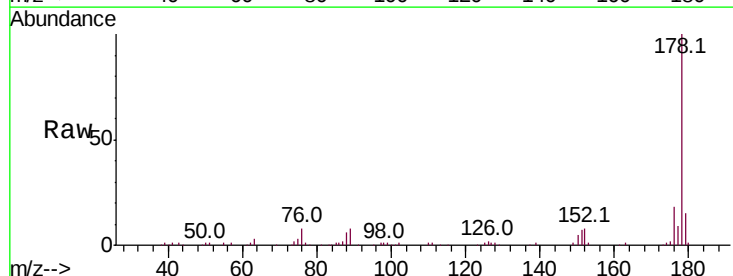
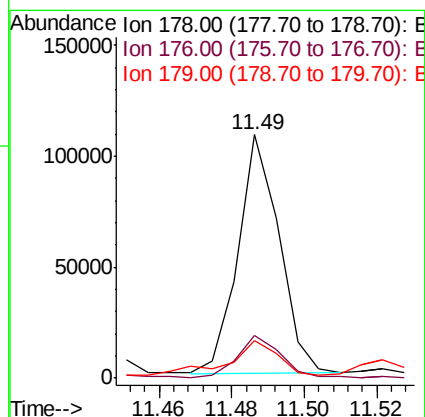
Manual Integrations
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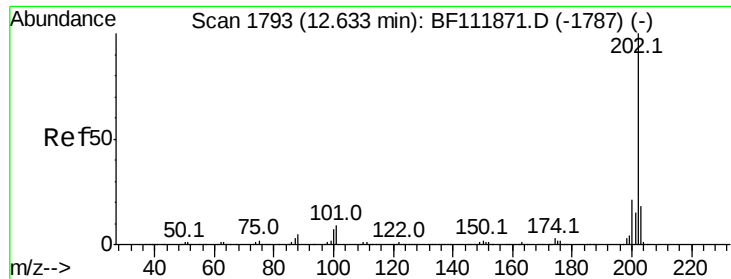
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#72
Anthracene
Concen: 3.977 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.7	23.5
179	15.4	12.4	18.6





#75

Fluoranthene

Concen: 30.535 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF111934.D

Acq: 9 Jan 2019 4:29

Instrument :

BNA_F

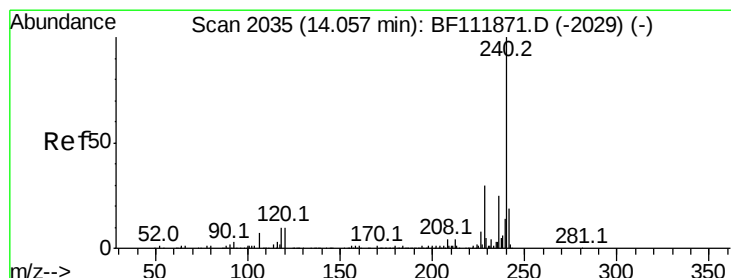
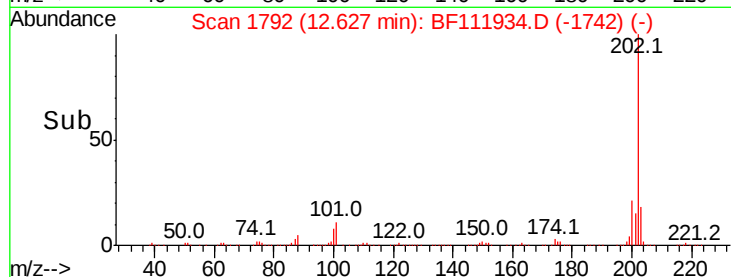
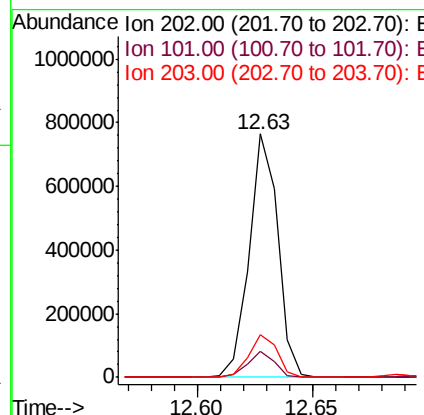
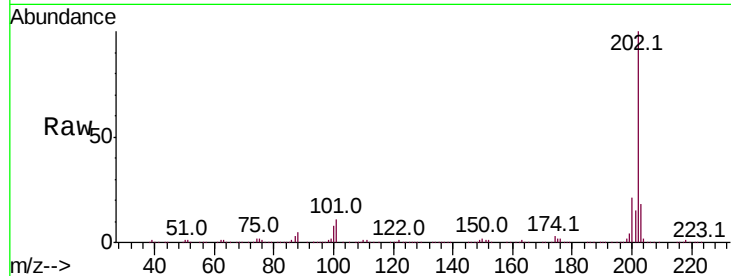
ClientSampleId :

OK-03-010419DL

Tot Ion:	202	Resp:	661786
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	29.3
203	17.7	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

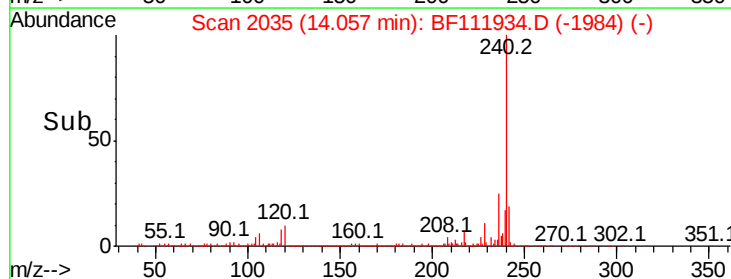
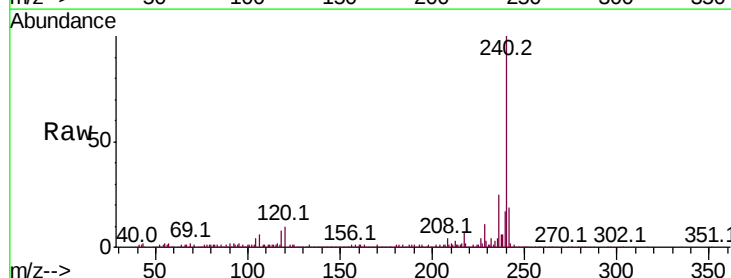
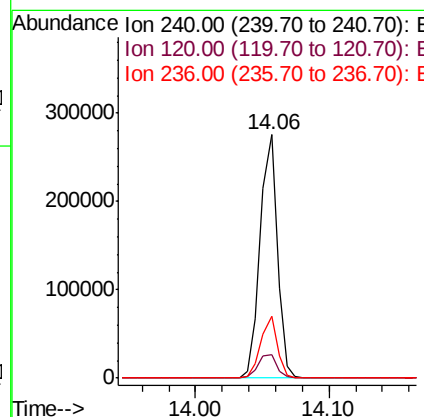
RT: 14.06 min Scan# 2035

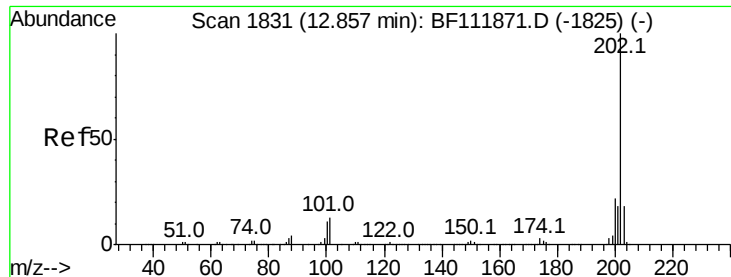
Delta R.T. 0.00 min

Lab File: BF111934.D

Acq: 9 Jan 2019 4:29

Tgt Ion:	240	Resp:	242793
Ion Ratio	Lower	Upper	
240	100		
120	9.7	8.2	12.2
236	25.4	20.2	30.4





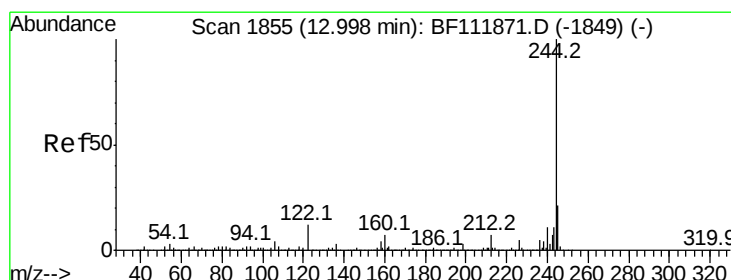
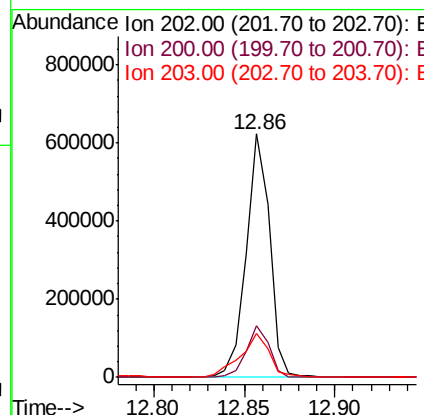
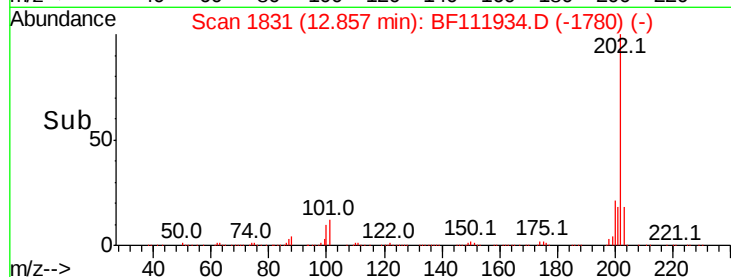
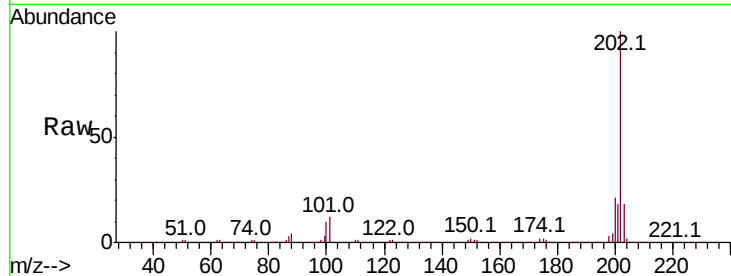
#78
Pvrene
Concen: 33.454 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Instrument :
BNA_F
ClientSampleId :
OK-03-010419DL

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.9	14.6	21.8

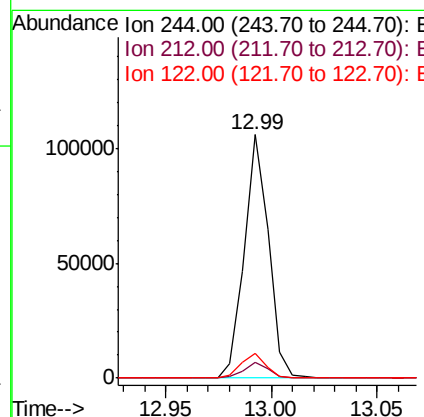
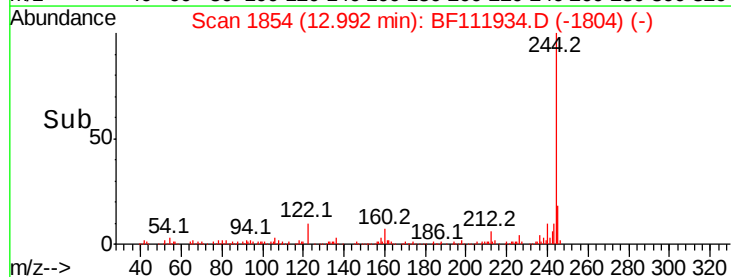
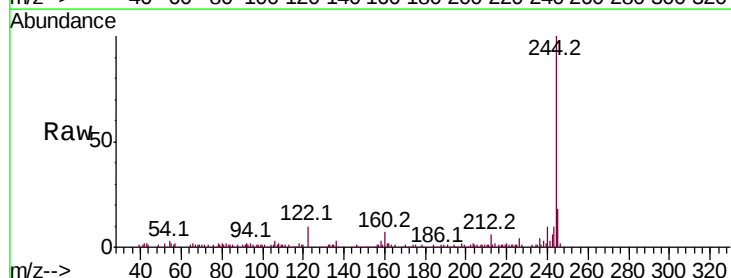
Manual Integrations
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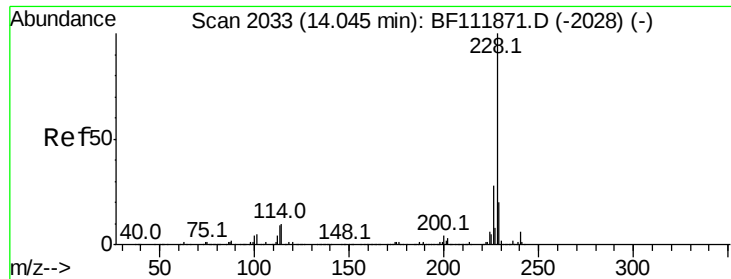
Sohil
1/9/2019 10:37:01 AM



#79
Terphenyl-d14
Concen: 6.557 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	10.3	9.5	14.3





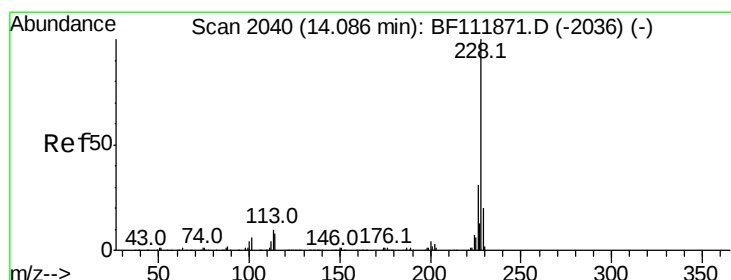
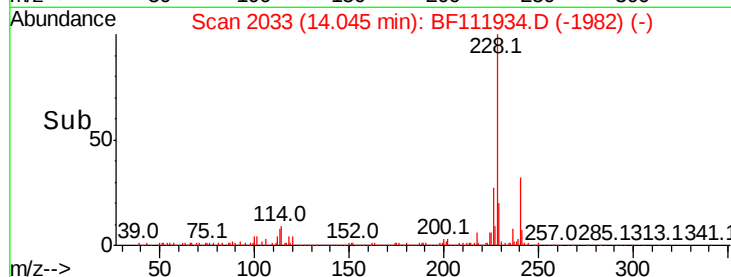
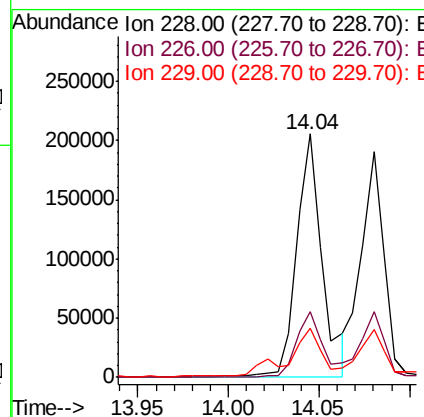
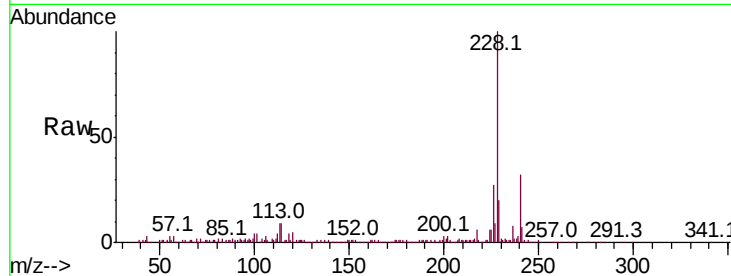
#81
Benzo(a)anthracene
Concen: 14.463 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Instrument :
BNA_F
ClientSampleId :
OK-03-010419DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.2	33.2
229	20.0	16.2	24.2

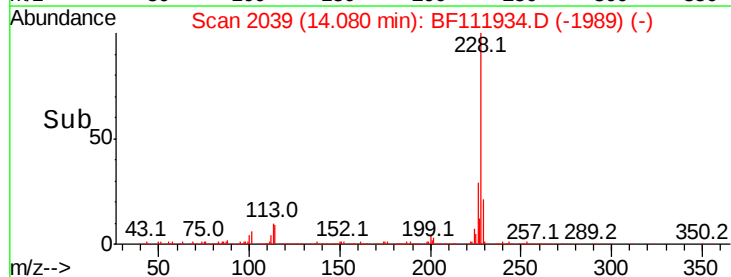
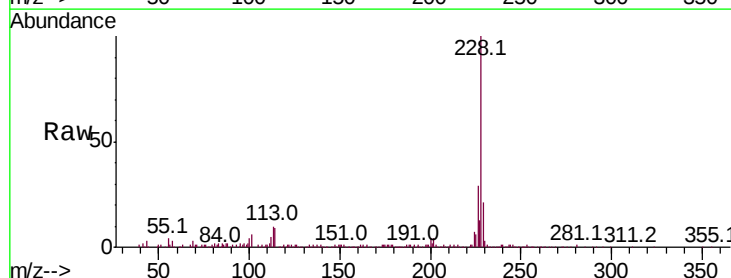
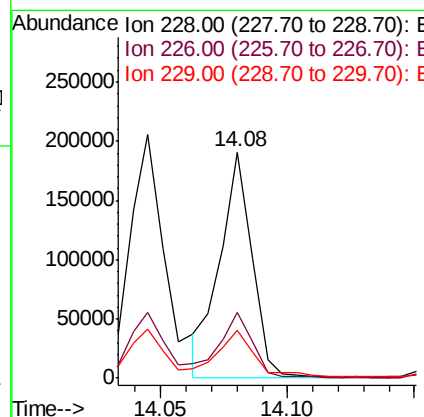
Manual Integrations
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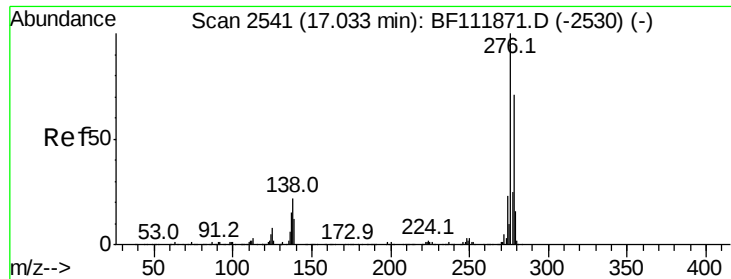
Sohil
1/9/2019 10:37:01 AM



#83
Chrysene
Concen: 12.637 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.6	37.0
229	21.4	15.7	23.5





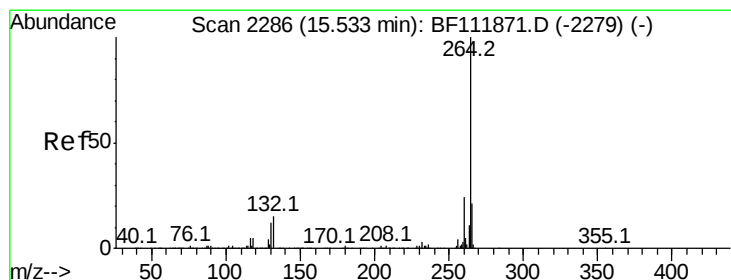
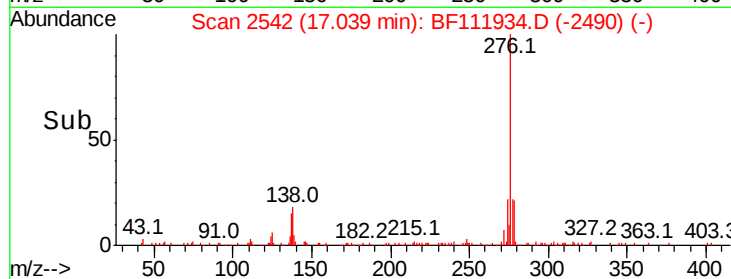
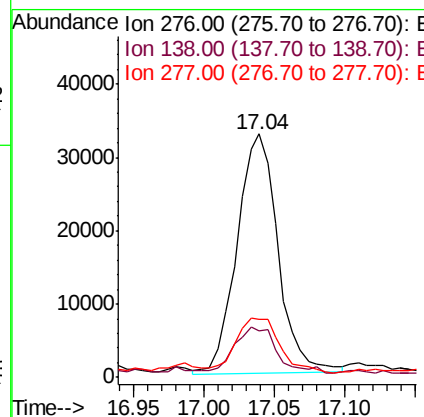
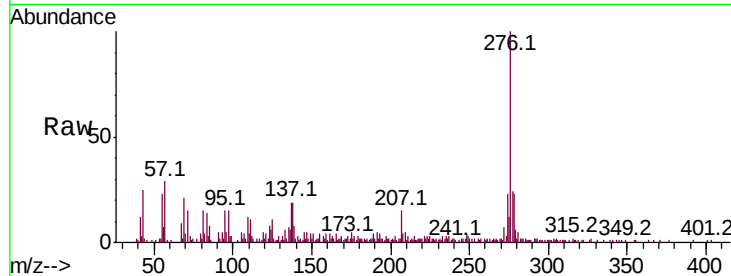
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.837 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Instrument :
BNA_F
ClientSampleId :
OK-03-010419DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	18.1	27.1
277	25.1	19.9	29.9

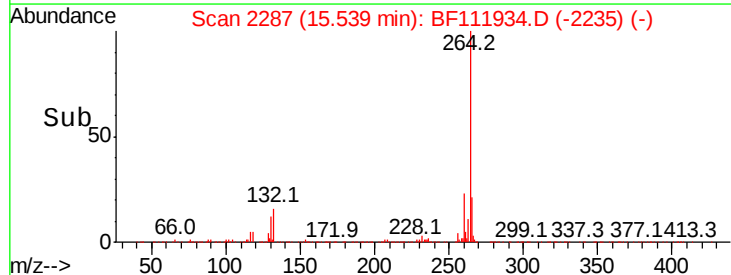
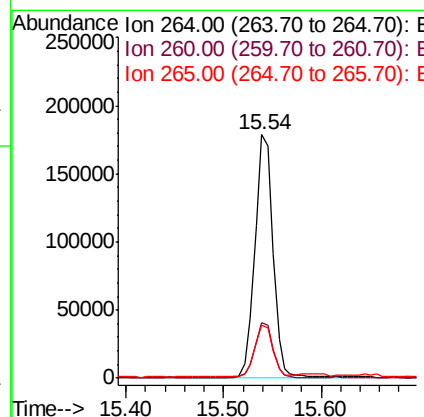
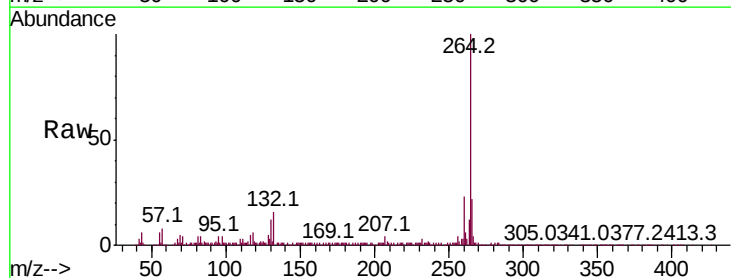
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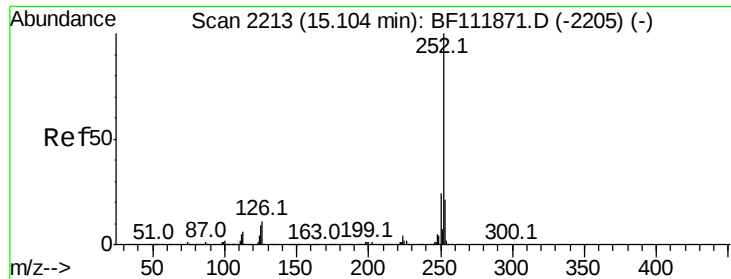
Sohil
1/9/2019 10:37:01 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.6	17.1	25.7





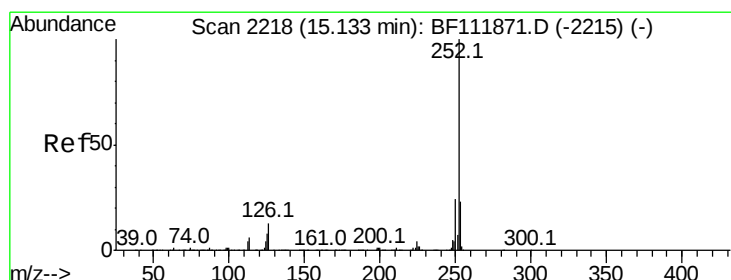
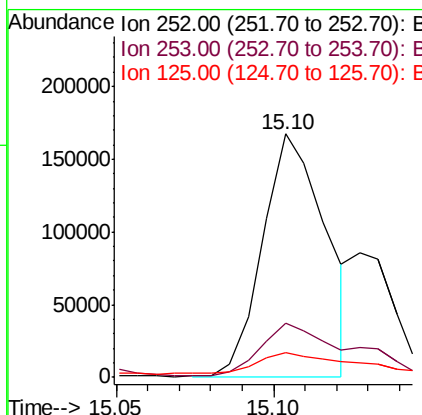
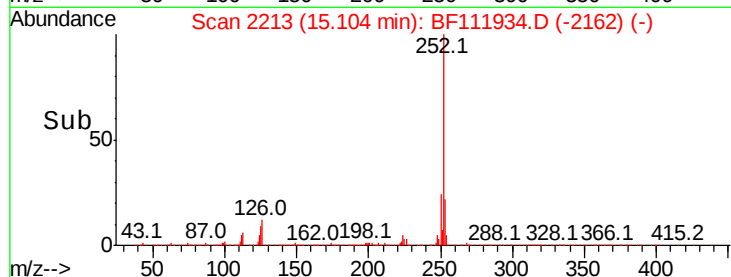
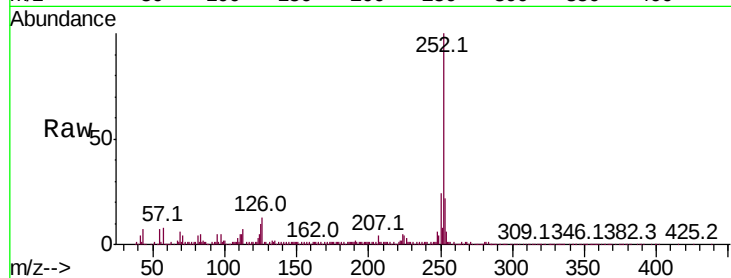
#88
Benzo(b)fluoranthene
Concen: 16.903 ng m
RT: 15.10 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Instrument :
BNA_F
ClientSampleId :
OK-03-010419DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	10.3	7.1	10.7

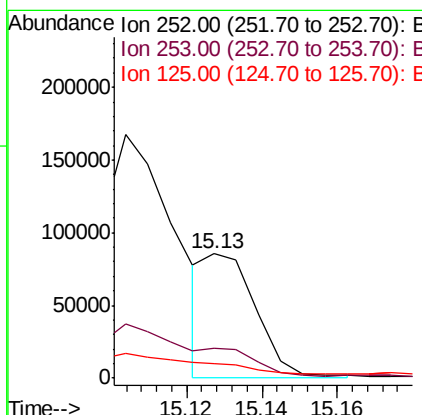
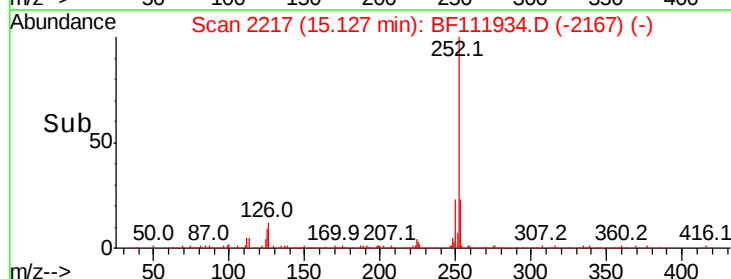
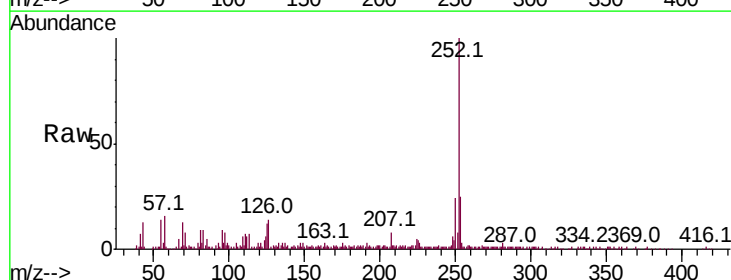
Manual Integrations
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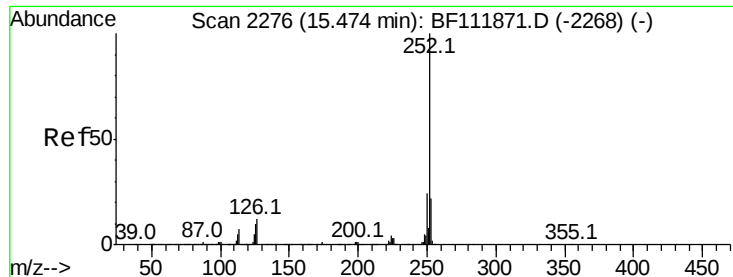
Sohil
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#89
Benzo(k)fluoranthene
Concen: 6.214 ng m
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.6
125	11.7	7.0	10.4#





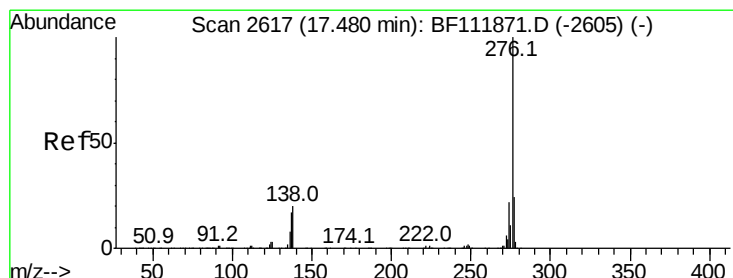
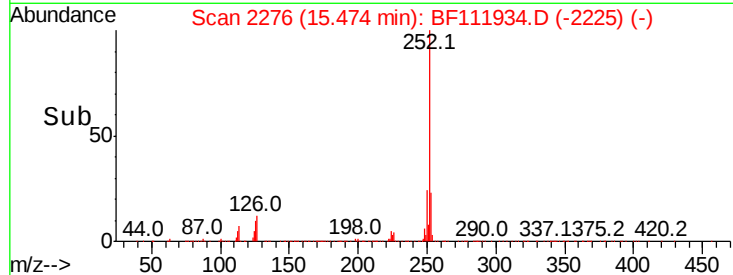
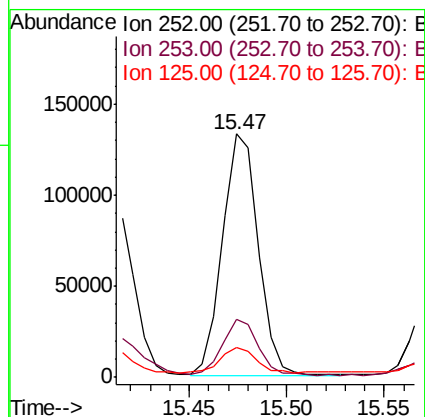
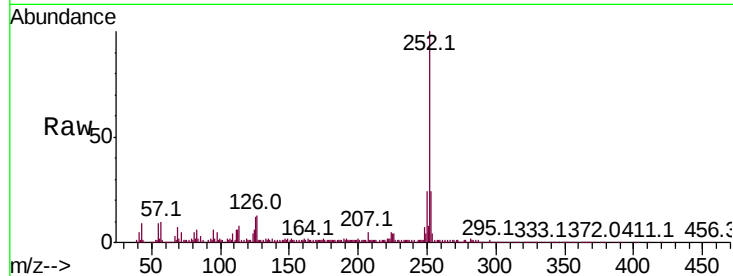
#90
Benzo(a)pyrene
Concen: 14.037 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Instrument :
BNA_F
ClientSampleID :
OK-03-010419DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	12.4	7.9	11.9

Manual Integrations
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Sohil
1/9/2019 10:37:01 AM



#92
Benzo(g,h,i)perylene
Concen: 6.087 ng
RT: 17.49 min Scan# 2619
Delta R.T. 0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.0	28.6
138	20.3	16.2	24.2

