

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109304.D
 Acq On : 25 Sep 2018 23:27
 Operator : JU/SJ
 Sample : J5044-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID02-COMP-092018

Manual Integrations
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 9/26/2018 3:42:56 PM

Quant Time: Sep 26 10:34:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	114282	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	427088	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	180444	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	300616	20.00	ng	0.00
75) Chrysene-d12	13.84	240	258896	20.00	ng	0.00
86) Perylene-d12	15.24	264	191916	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	454302	65.48	ng	0.00
7) Phenol-d6	6.35	99	573682	64.80	ng	-0.01
23) Nitrobenzene-d5	7.27	82	350056	48.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	106504	59.87	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	646616	54.05	ng	0.00
78) Terphenyl-d14	12.80	244	542825	51.46	ng	0.00

Target Compounds

						Qvalue
10) Phenol	6.36	94	24259	2.419	ng	97
49) Dimethylphthalate	9.46	163	154868	11.800	ng	99
70) Phenanthrene	11.24	178	81372	5.421	ng	97
74) Fluoranthene	12.42	202	138421	8.630	ng	95
77) Pyrene	12.65	202	125542	6.766	ng	97
80) Benzo(a)anthracene	13.83	228	57059	3.659	ng	97
82) Chrysene	13.87	228	59566	3.854	ng	96
85) Indeno(1,2,3-cd)pyrene	16.59	276	26520	2.117	ng	# 91
87) Benzo(b)fluoranthene	14.85	252	56462m	5.354	ng	
88) Benzo(k)fluoranthene	14.87	252	22827m	2.281	ng	
89) Benzo(a)pyrene	15.19	252	40058	4.216	ng	99
91) Benzo(a,h,i)perylene	16.99	276	24339	3.177	ng	95

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

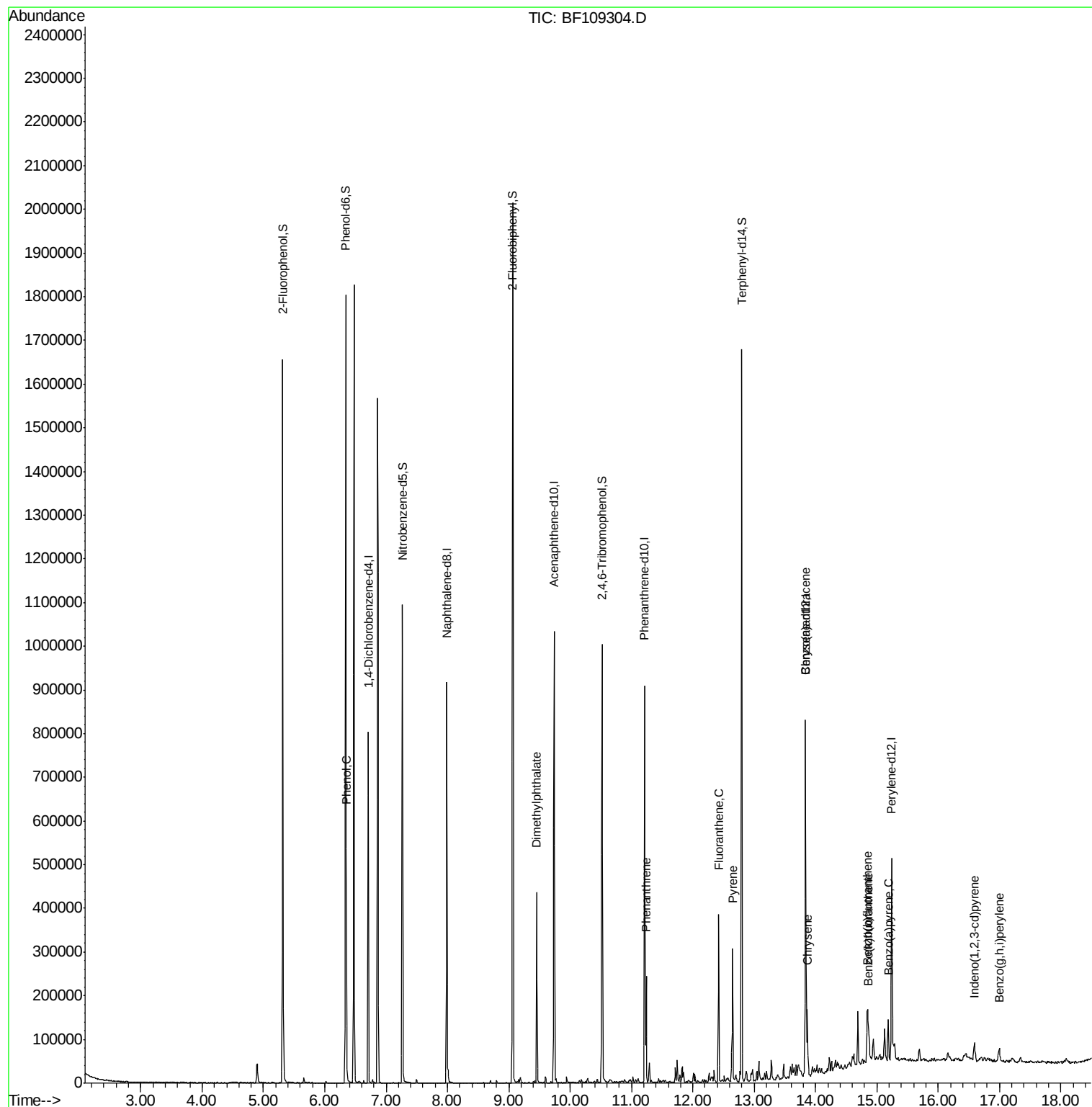
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
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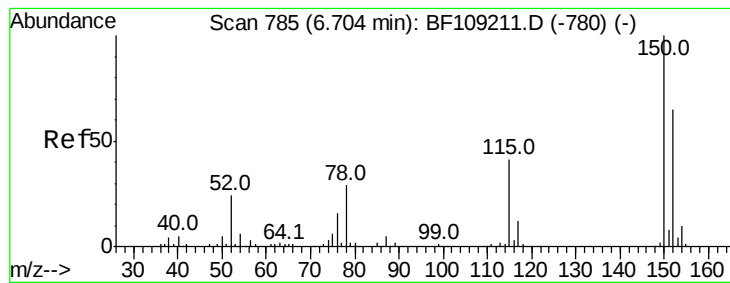
Instrument :
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#1

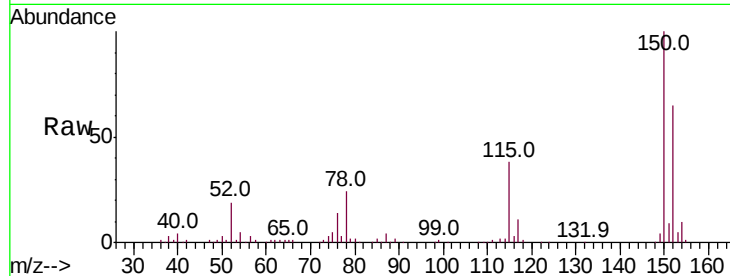
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF109304.D
Acq: 25 Sep 2018 23:27

Instrument :
BNA_F
ClientSampleId :
GRID02-COMP-092018

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	58.1	50.1	75.1

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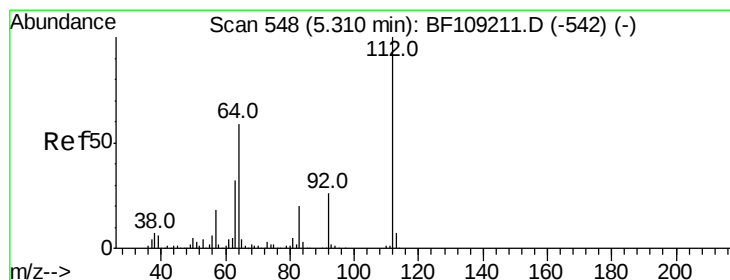
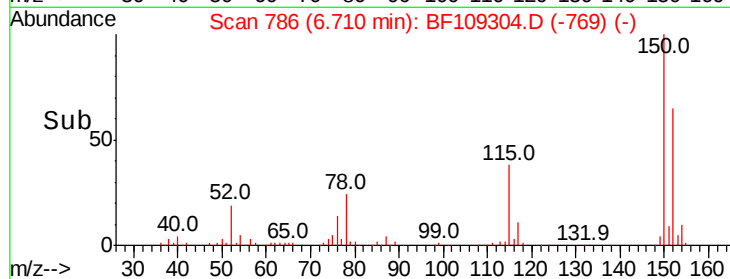
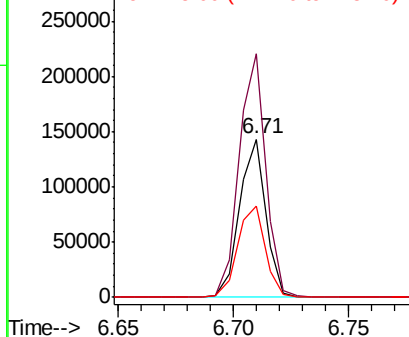


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

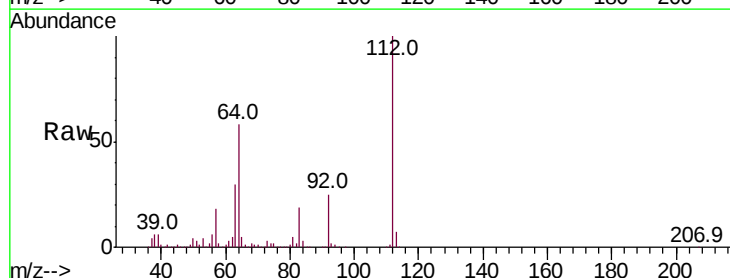
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 65.476 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109304.D
Acq: 25 Sep 2018 23:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	30.5	23.7	35.5

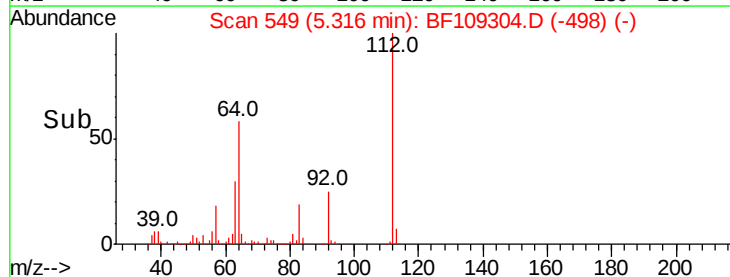
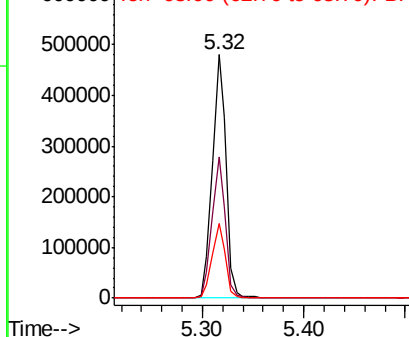


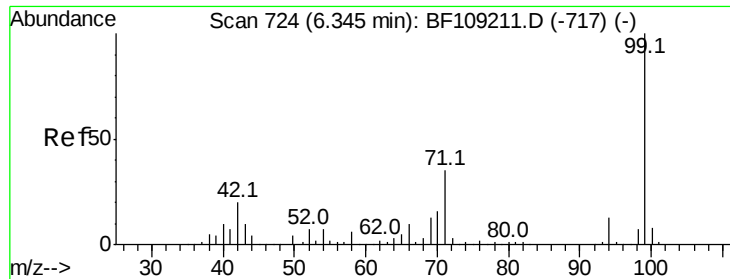
Abundance

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: 64.795 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109304.D

Acq: 25 Sep 2018 23:27

Instrument :

BNA_F

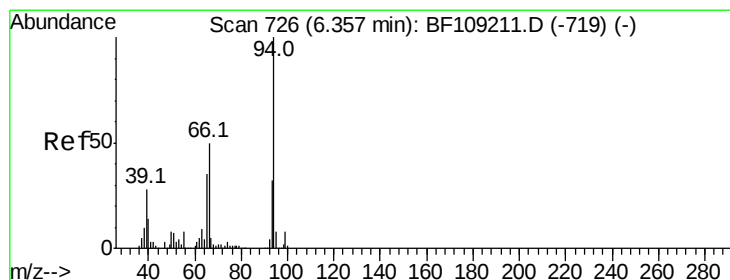
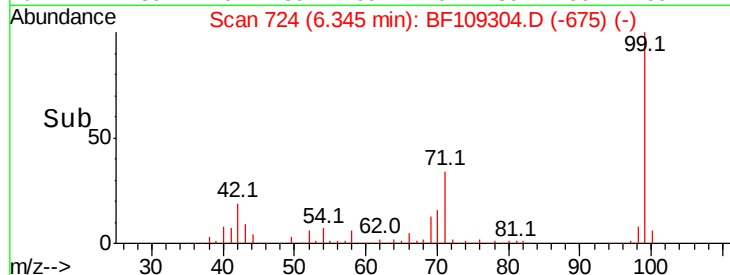
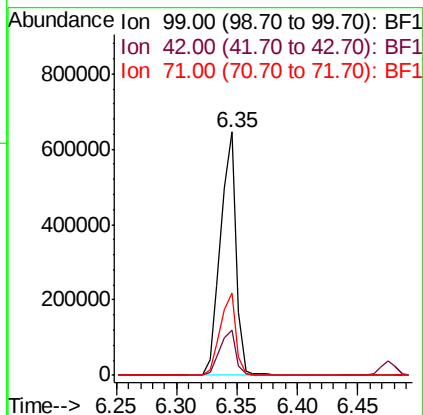
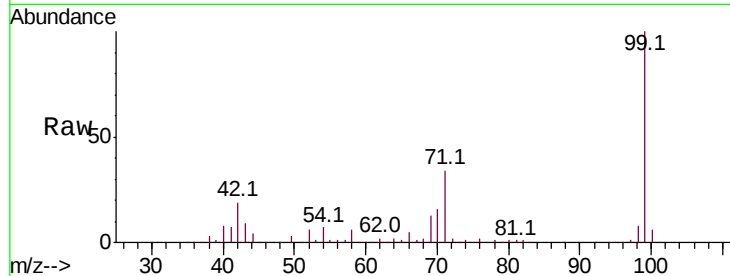
ClientSampleId :

GRID02-COMP-092018

Tot Ion:	99	Resp:	573682
Ion Ratio	Lower	Upper	
99	100		
42	18.7	14.5	21.7
71	34.1	25.4	38.0

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#10

Phenol

Concen: 2.419 ng

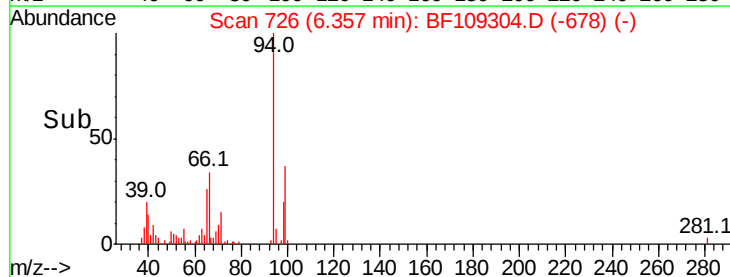
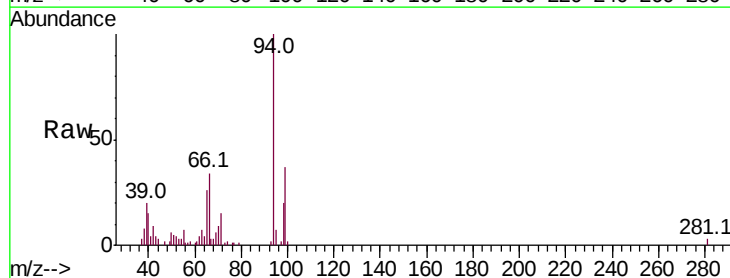
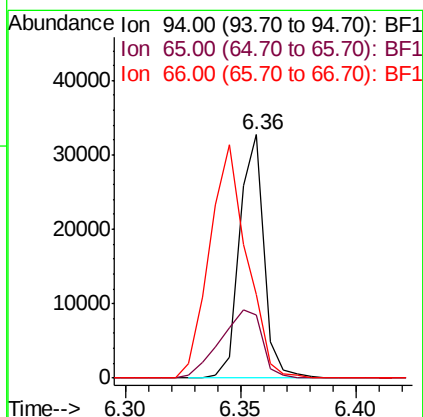
RT: 6.36 min Scan# 726

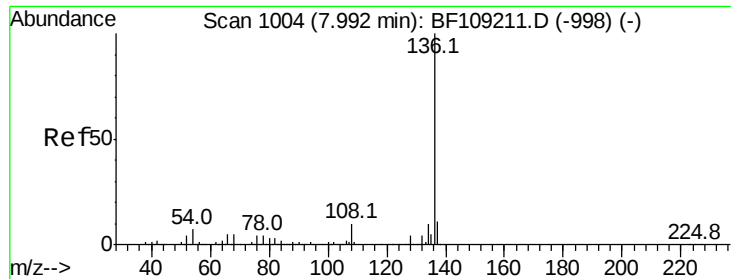
Delta R.T. -0.02 min

Lab File: BF109304.D

Acq: 25 Sep 2018 23:27

Tgt Ion:	94	Resp:	24259
Ion Ratio	Lower	Upper	
94	100		
65	25.8	7.9	47.9
66	34.5	16.2	56.2





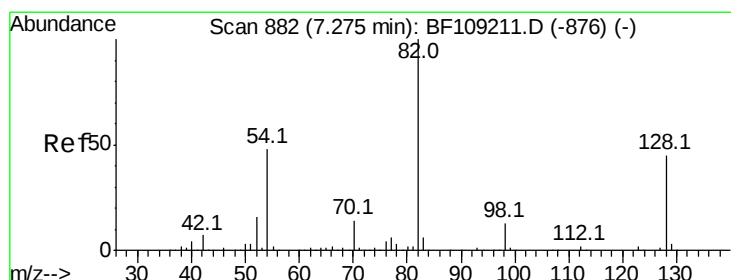
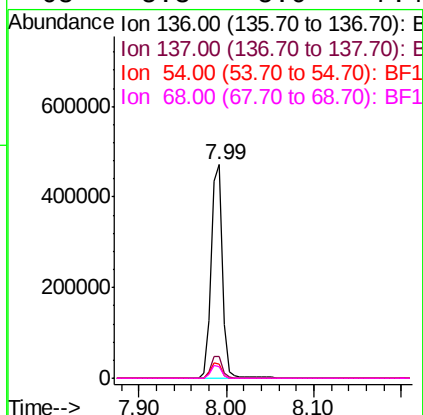
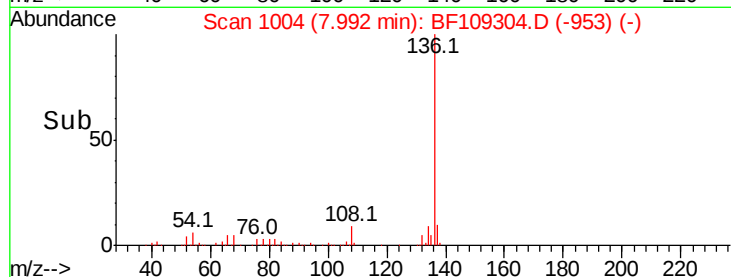
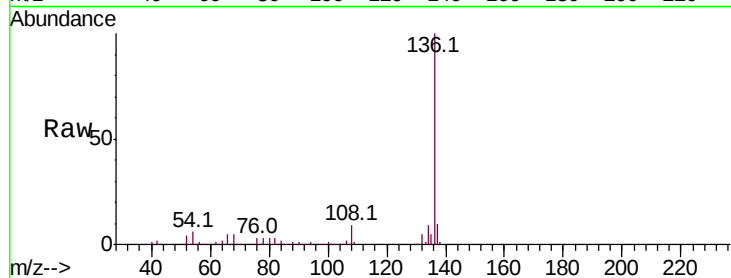
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF109304.D
Acq: 25 Sep 2018 23:27

Instrument :
BNA_F
ClientSampleId :
GRID02-COMP-092018

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.9	13.3	
54	6.4	6.6	9.8	
68	5.3	5.0	7.4	

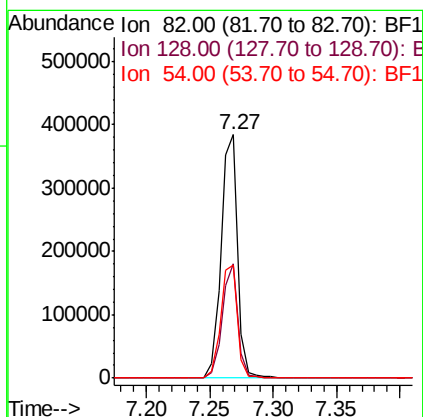
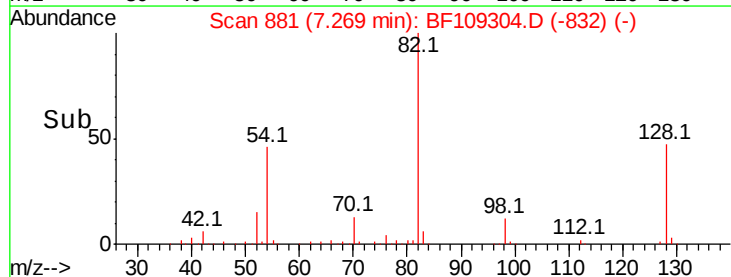
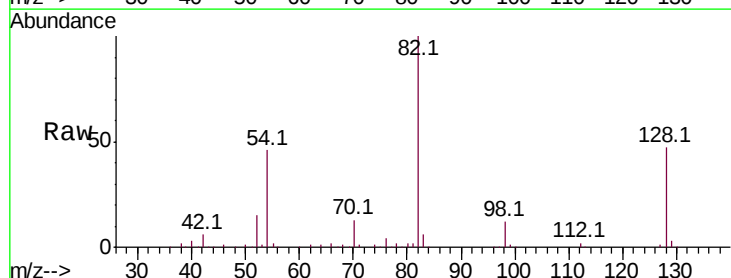
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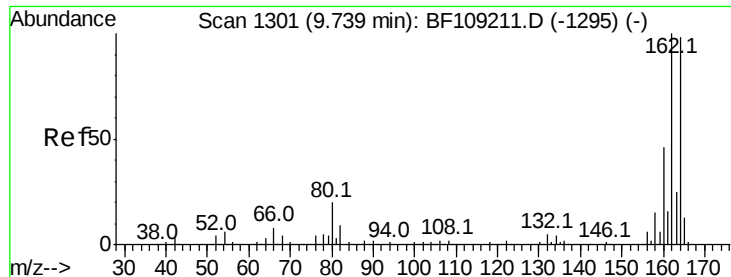
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#23
Nitrobenzene-d5
Concen: 48.384 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109304.D
Acq: 25 Sep 2018 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.9	36.1	54.1	
54	46.3	41.4	62.2	





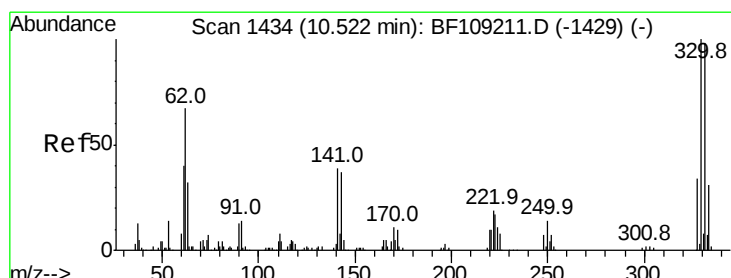
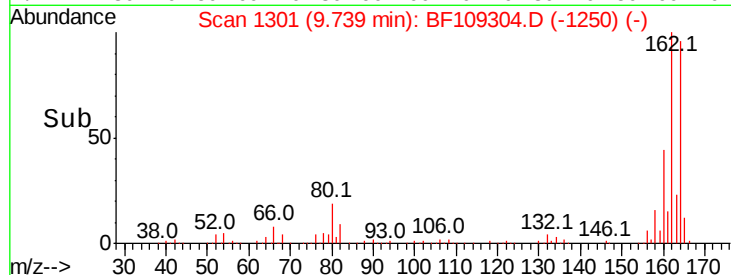
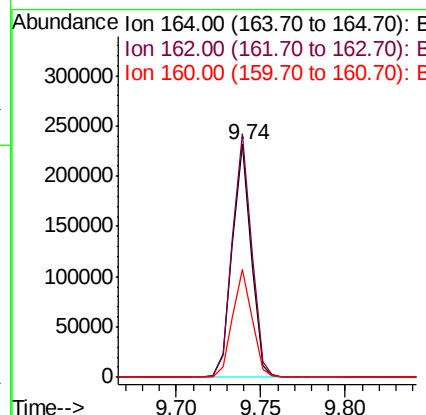
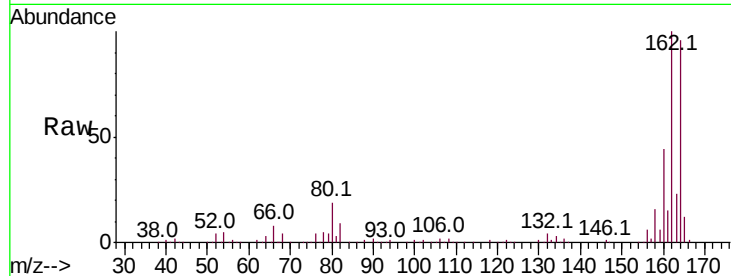
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF109304.D
 Acq: 25 Sep 2018 23:27

Instrument :
 BNA_F
 ClientSampleId :
 GRID02-COMP-092018

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.5	86.1	129.1	
160	46.3	38.3	57.5	

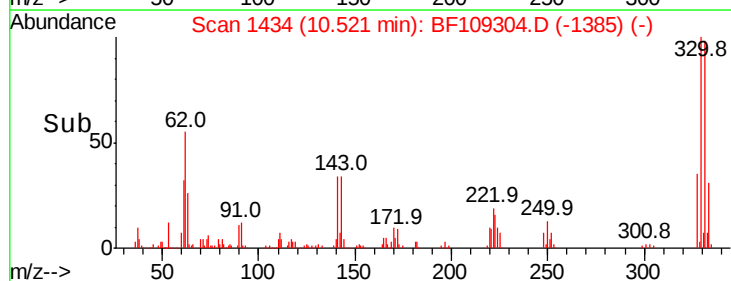
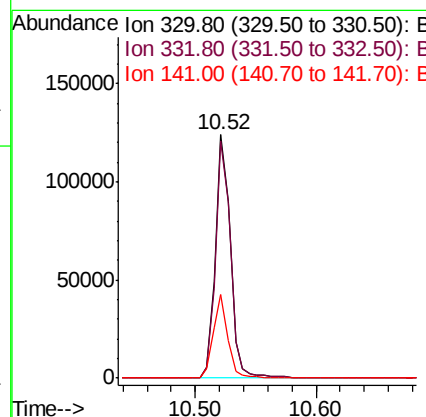
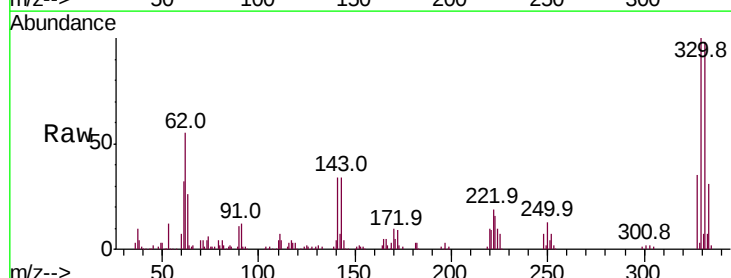
Manual Integrations
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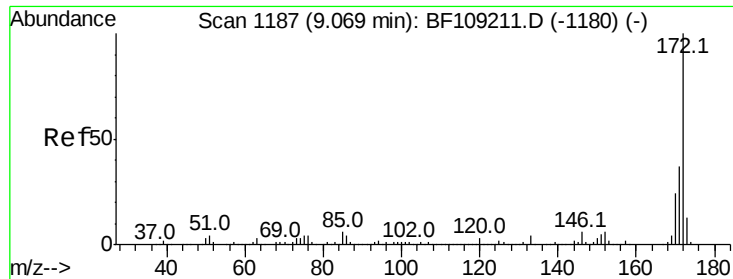
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#41
 2,4,6-Tribromophenol
 Concen: 59.874 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109304.D
 Acq: 25 Sep 2018 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.5	77.0	115.6	
141	32.7	29.9	44.9	





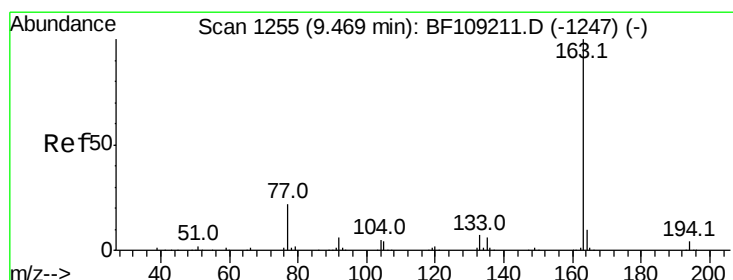
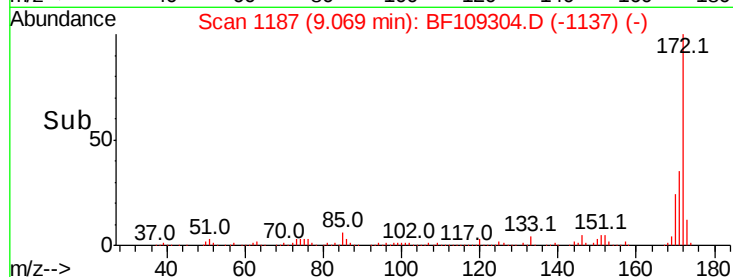
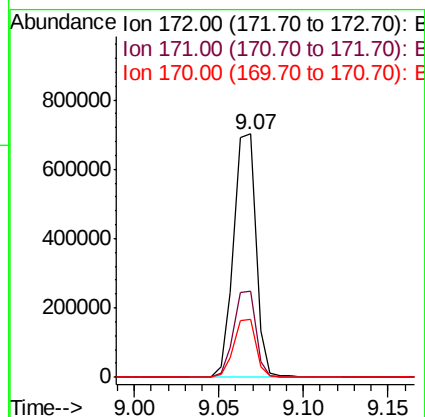
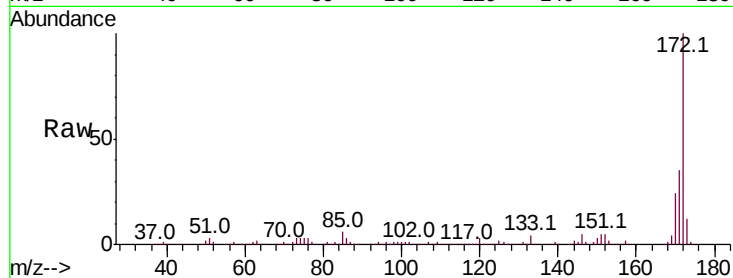
#44
 2-Fluorobiphenyl
 Concen: 54.046 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109304.D
 Acq: 25 Sep 2018 23:27

Instrument :
 BNA_F
 ClientSampleId :
 GRID02-COMP-092018

Tot Ion	Ratio	Resp	Lower	Upper
172	100	646616		
171	35.4		29.7	44.5
170	23.6		19.6	29.4

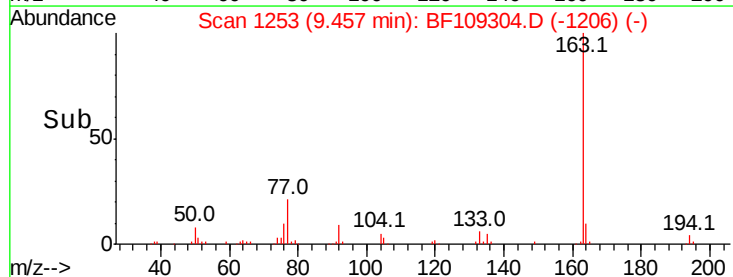
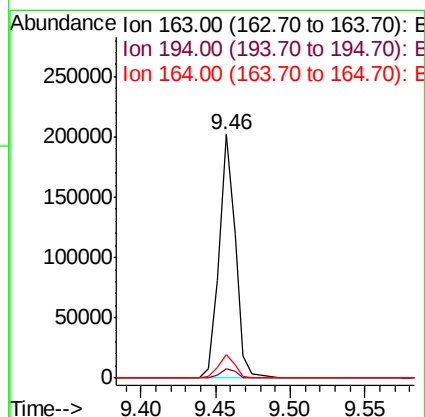
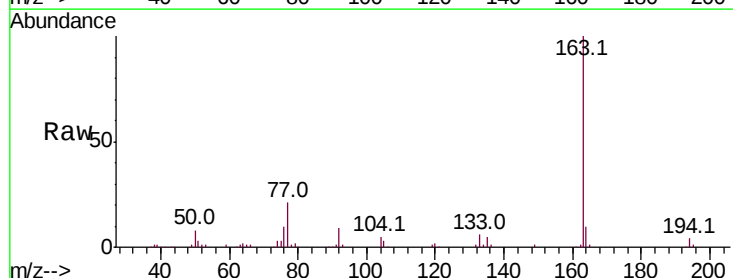
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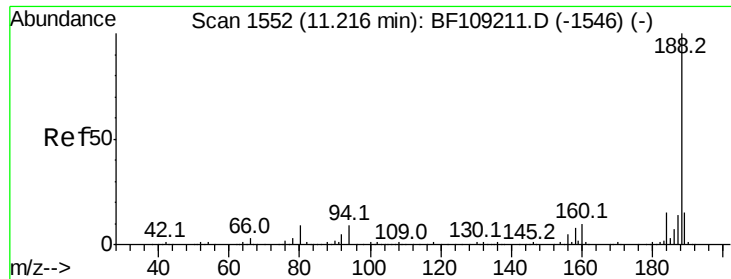
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#49
 Dimethylphthalate
 Concen: 11.800 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109304.D
 Acq: 25 Sep 2018 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	154868		
194	3.8		2.7	4.1
164	9.8		8.2	12.2





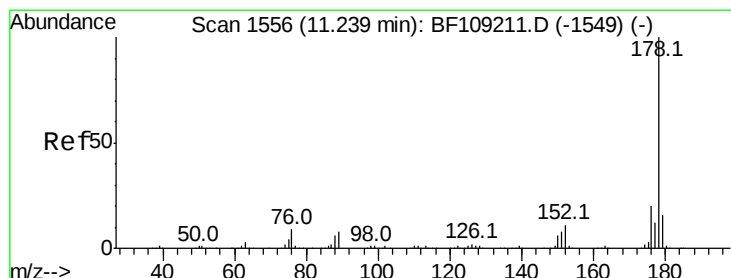
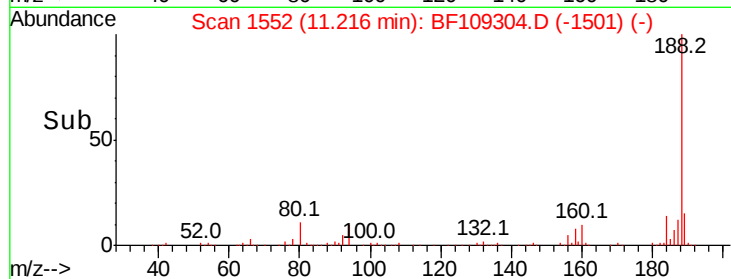
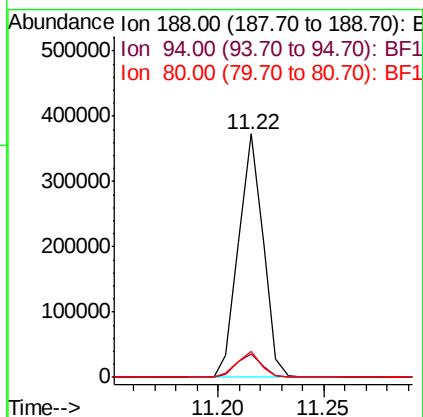
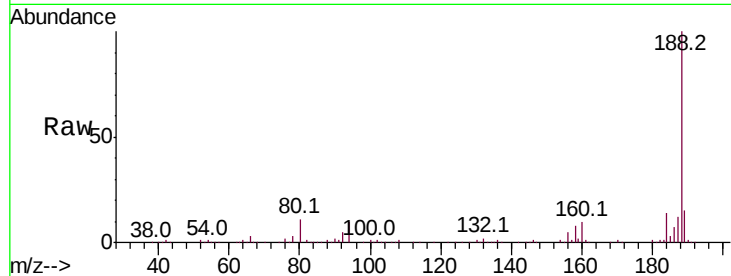
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109304.D
Acq: 25 Sep 2018 23:27

Instrument :
BNA_F
ClientSampleId :
GRID02-COMP-092018

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.9	8.5	12.7	
80	10.7	9.2	13.8	

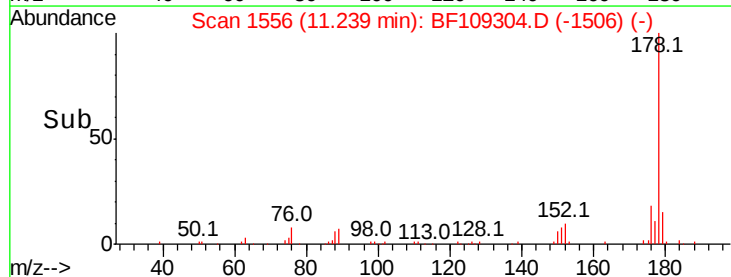
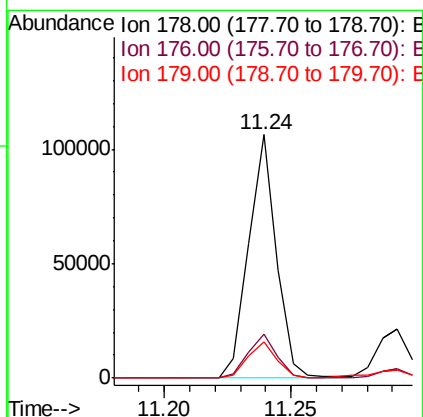
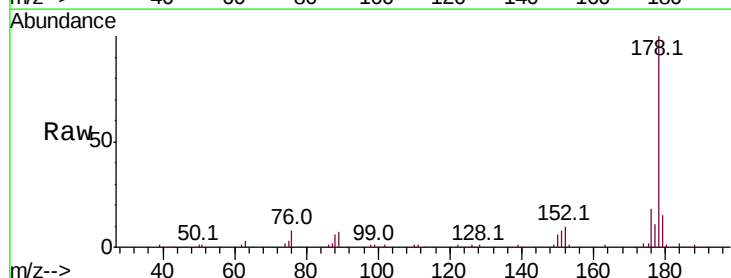
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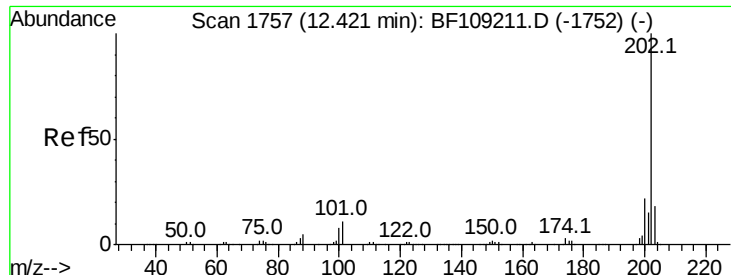
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#70
Phenanthrene
Concen: 5.421 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109304.D
Acq: 25 Sep 2018 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	18.2	15.8	23.8	
179	14.9	13.0	19.6	





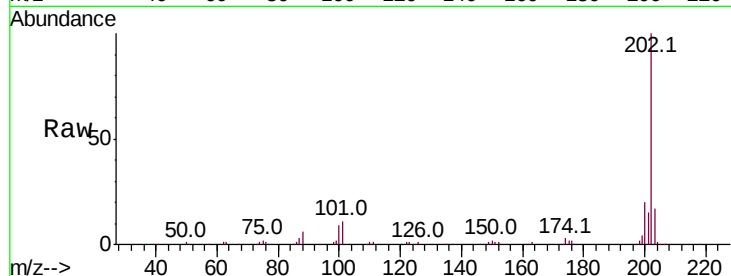
#74
Fluoranthene
 Concen: 8.630 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BF109304.D
 Acq: 25 Sep 2018 23:27

Instrument :
 BNA_F
 ClientSampleId :
 GRID02-COMP-092018

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.1	0.0	34.1		
203	17.0	0.0	38.1		

Manual Integrations
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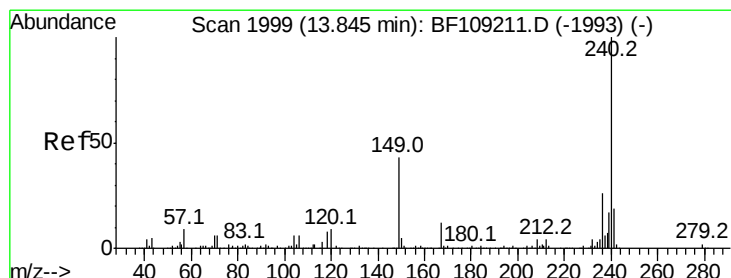
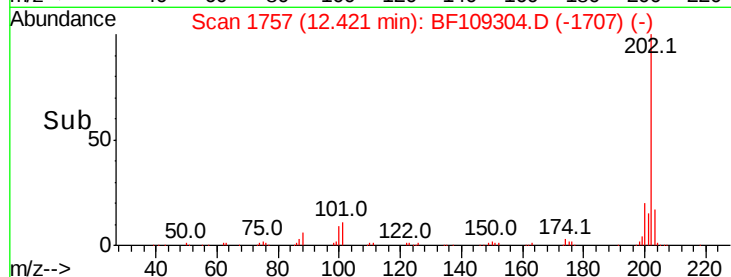
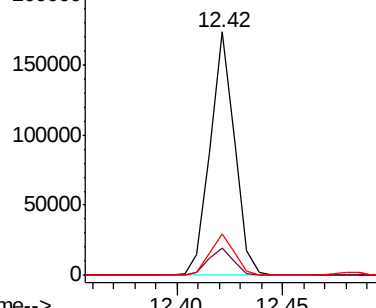


Abundance

Ion 202.00 (201.70 to 202.70): E

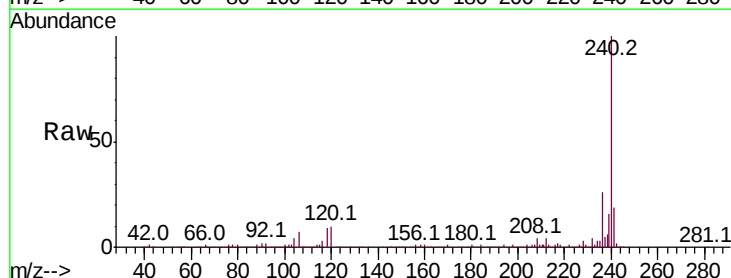
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.00 min
 Lab File: BF109304.D
 Acq: 25 Sep 2018 23:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	10.0	9.5	14.3		
236	25.9	20.7	31.1		

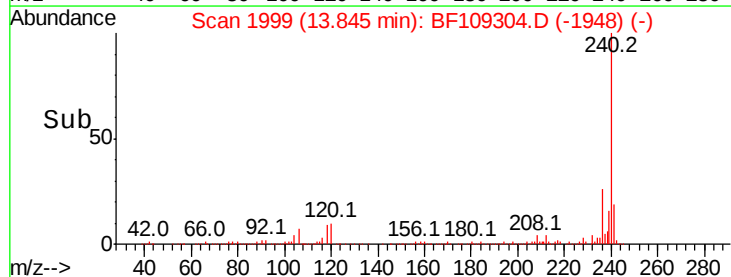
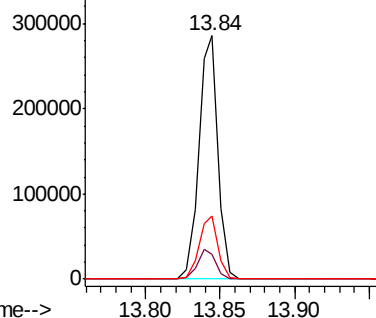


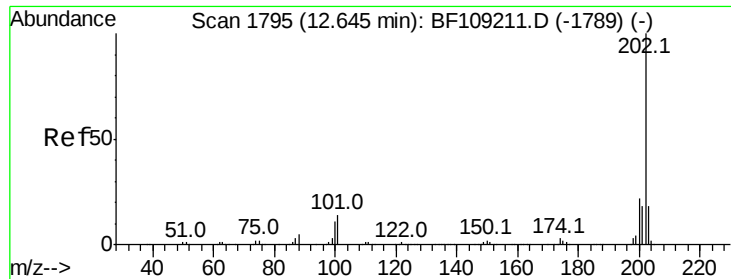
Abundance

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





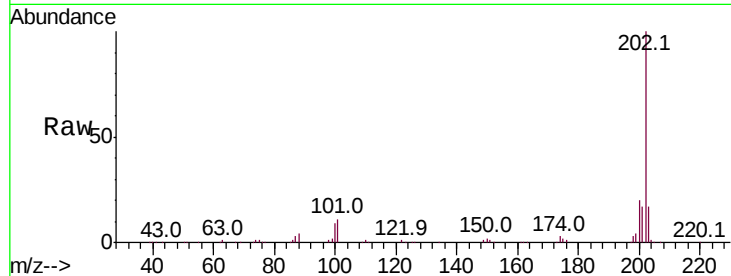
#77
Pvrene
Concen: 6.766 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109304.D
Acq: 25 Sep 2018 23:27

Instrument :
BNA_F
ClientSampleId :
GRID02-COMP-092018

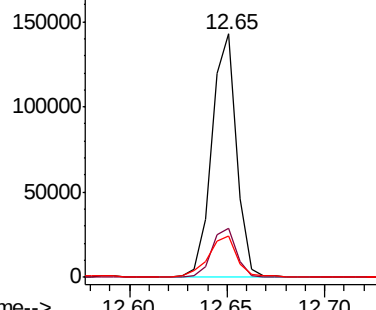
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.9	17.4	26.2
203	17.2	14.3	21.5

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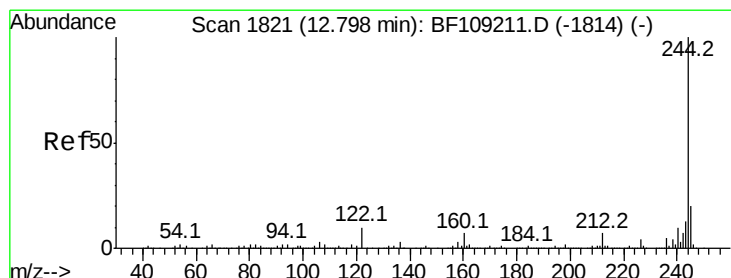
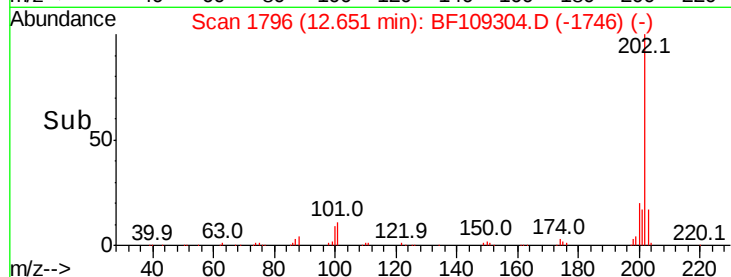
Sohil
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



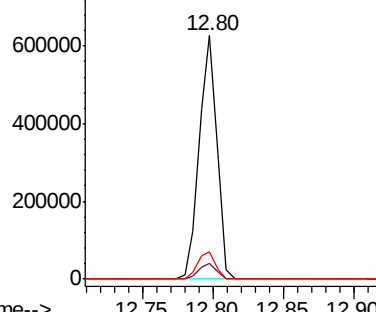
Time-->



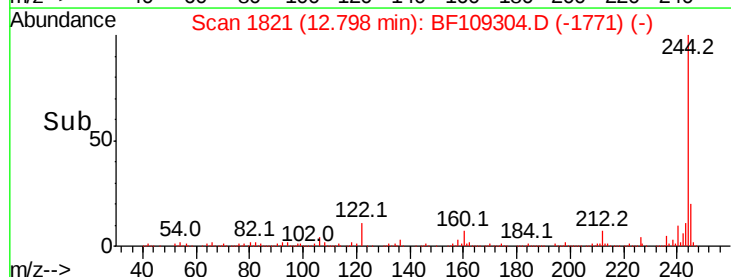
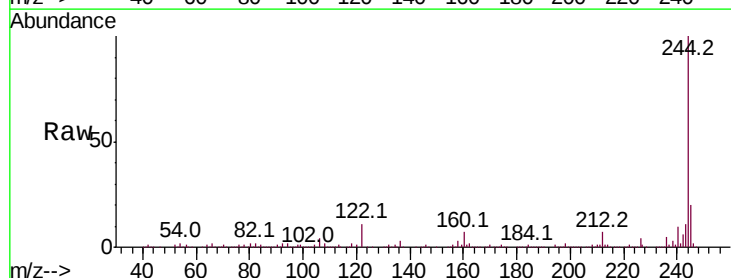
#78
Terphenyl-d14
Concen: 51.456 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109304.D
Acq: 25 Sep 2018 23:27

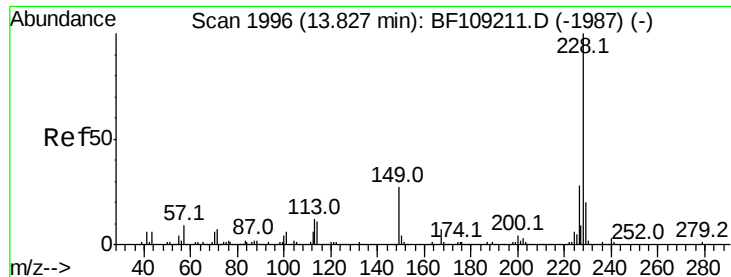
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





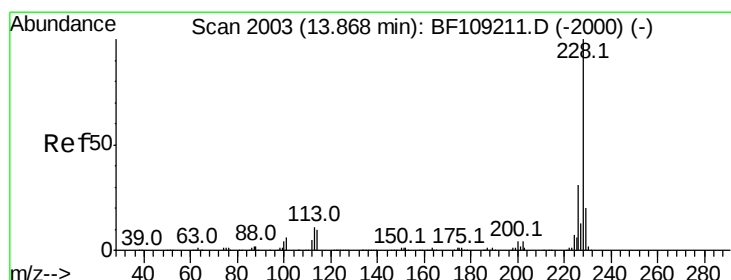
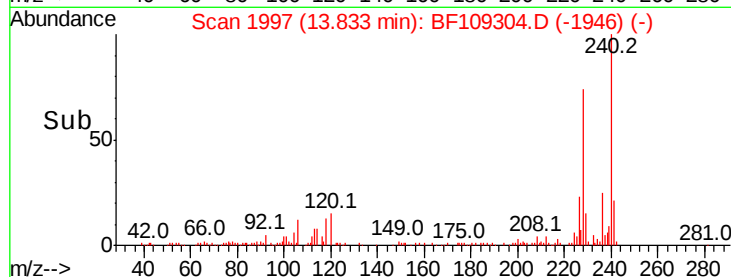
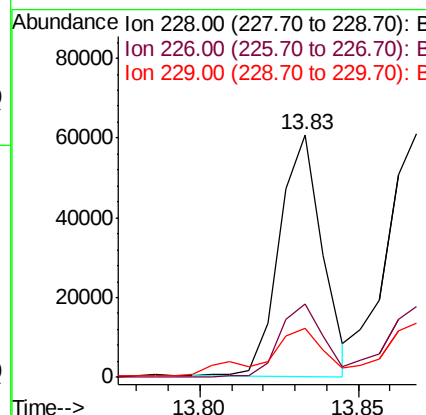
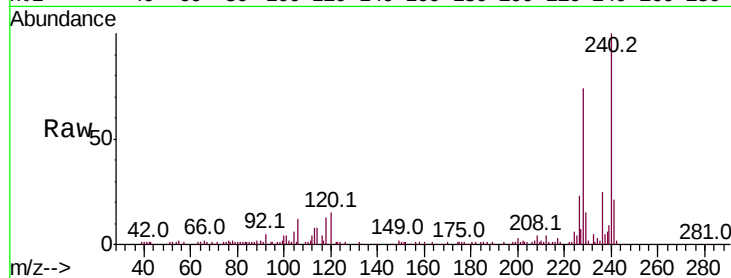
#80
Benzo(a)anthracene
Concen: 3.659 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BF109304.D
Acq: 25 Sep 2018 23:27

Instrument :
BNA_F
ClientSampleId :
GRID02-COMP-092018

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	20.3	15.8	23.6

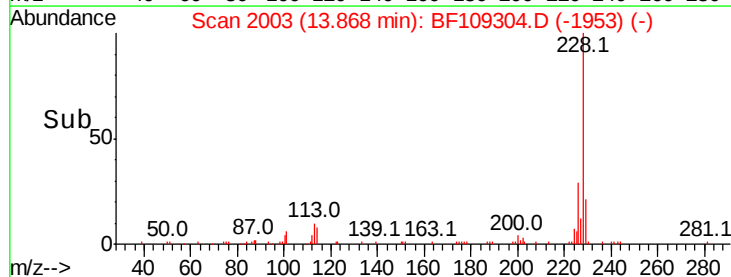
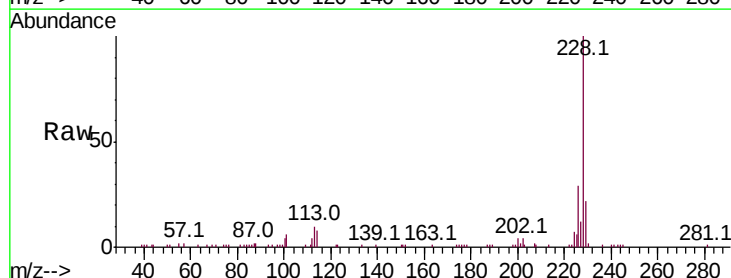
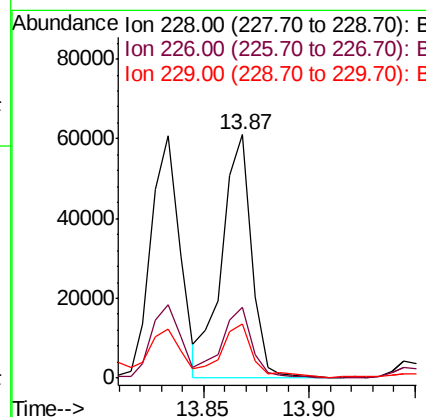
Manual Integrations
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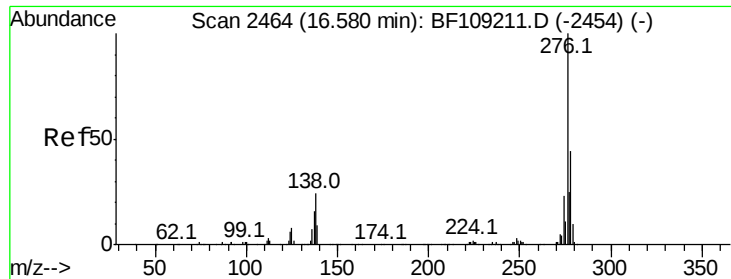
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#82
Chrysene
Concen: 3.854 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF109304.D
Acq: 25 Sep 2018 23:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	22.3	16.2	24.4





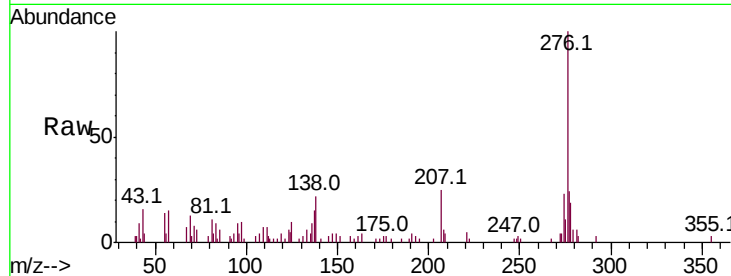
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.117 ng
 RT: 16.59 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BF109304.D
 Acq: 25 Sep 2018 23:27

Instrument :
 BNA_F
 ClientSampleId :
 GRID02-COMP-092018

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	25.0	37.6#
277	25.9	20.1	30.1

Manual Integrations
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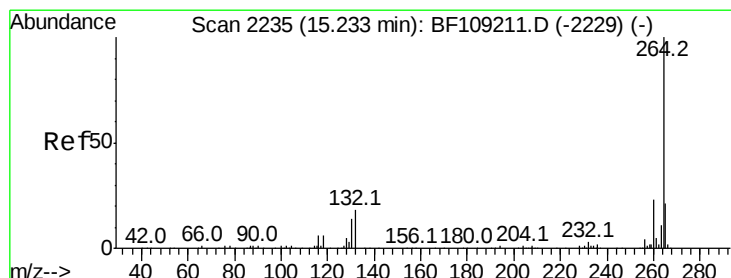
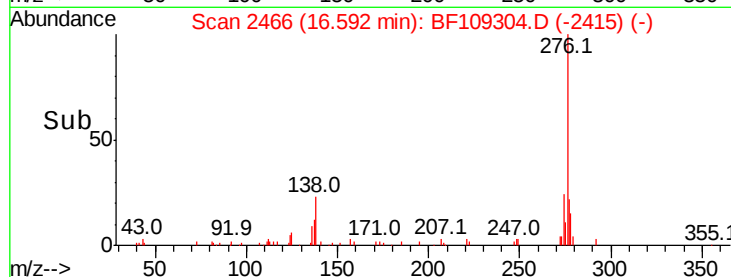
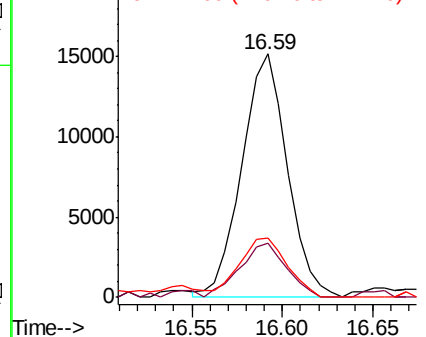


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109304.D
 Acq: 25 Sep 2018 23:27

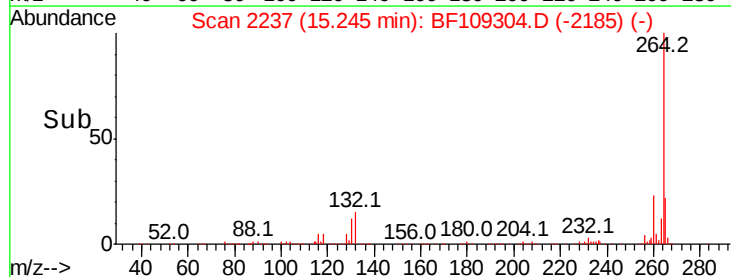
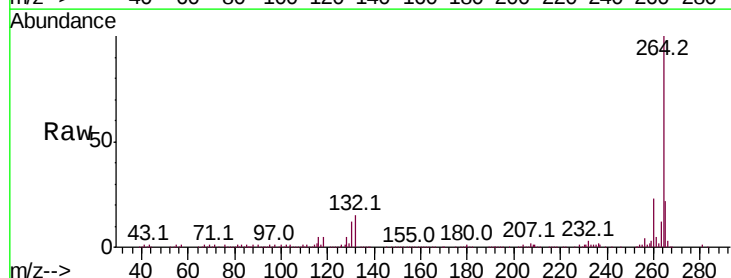
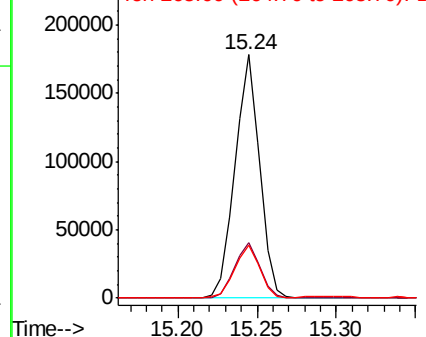
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.6	17.5	26.3

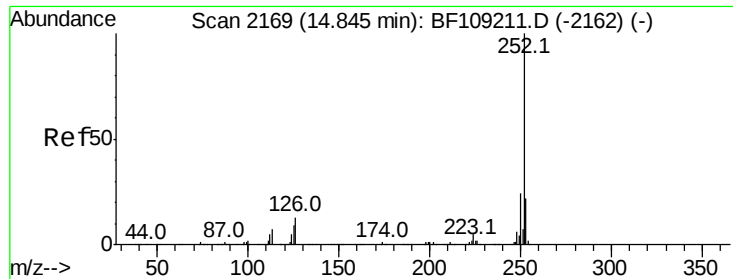
Abundance

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





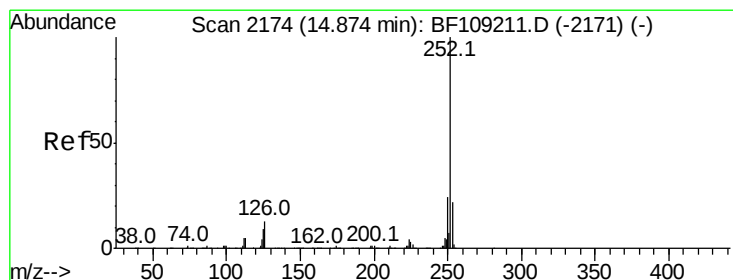
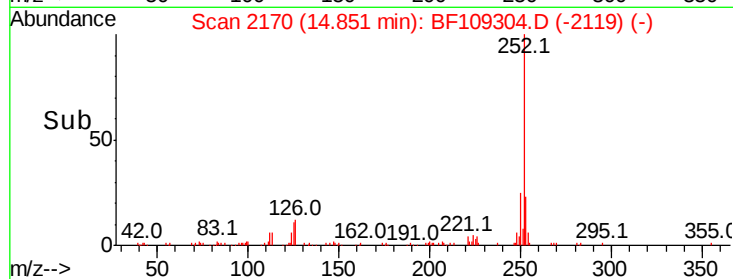
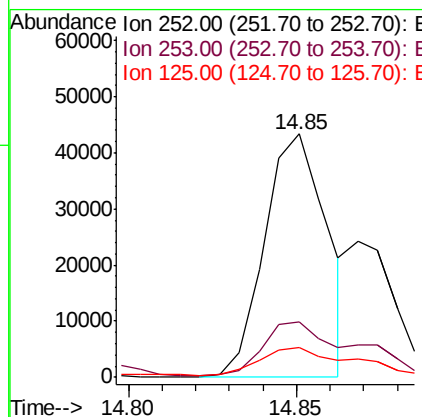
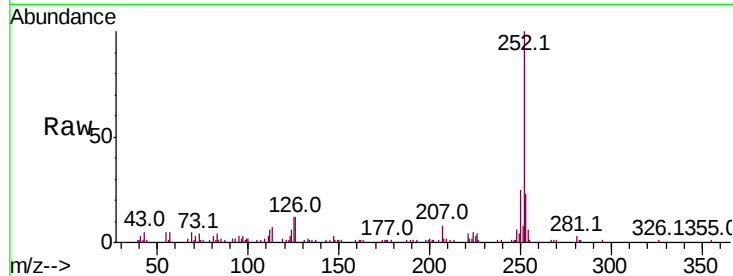
#87
Benzo(b)fluoranthene
Concen: 5.354 ng m
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF109304.D
Acq: 25 Sep 2018 23:27

Instrument :
BNA_F
ClientSampleId :
GRID02-COMP-092018

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	12.2	9.0	13.6

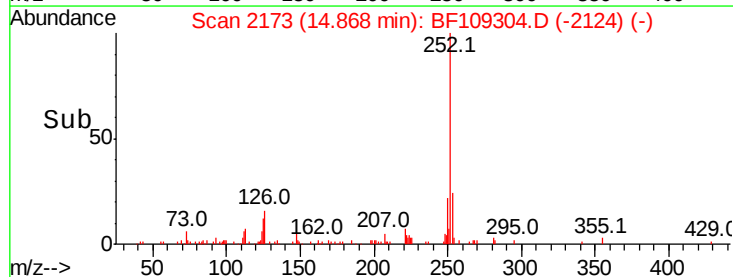
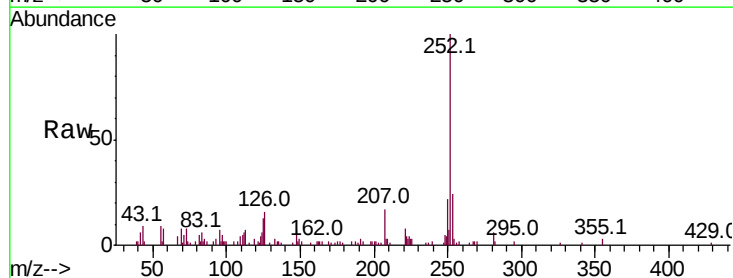
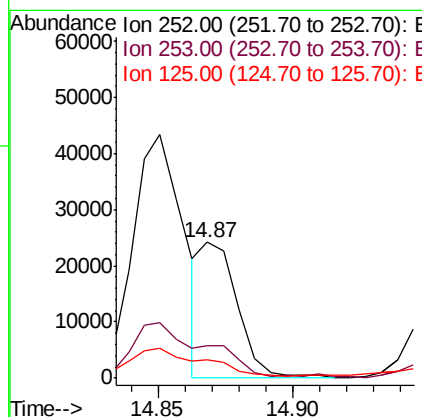
Manual Integrations
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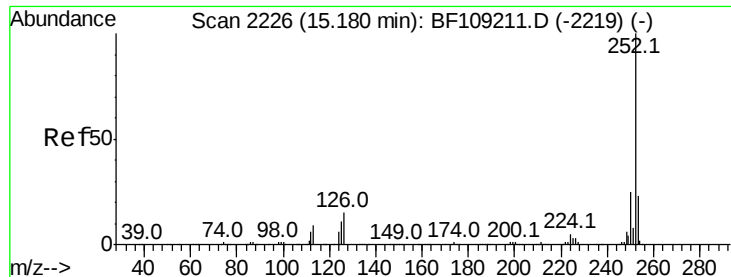
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#88
Benzo(k)fluoranthene
Concen: 2.281 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF109304.D
Acq: 25 Sep 2018 23:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	13.2	10.2	15.2





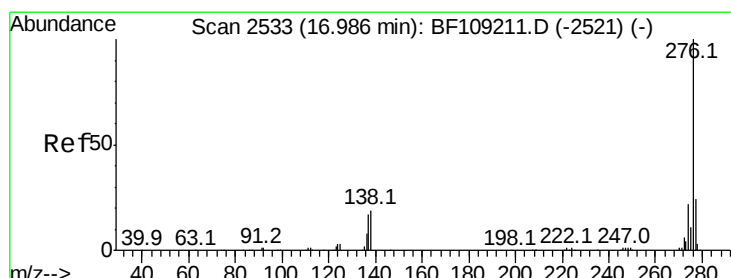
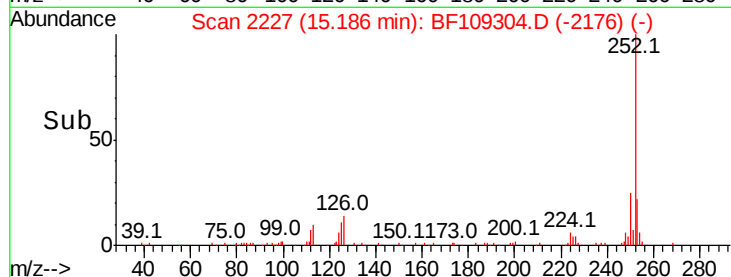
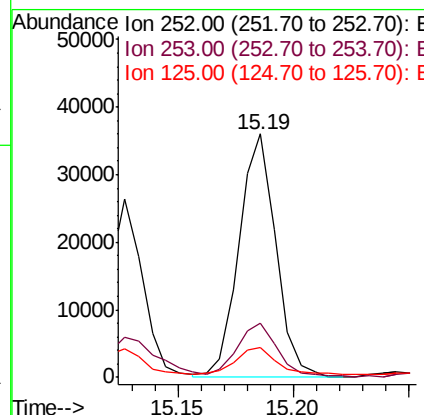
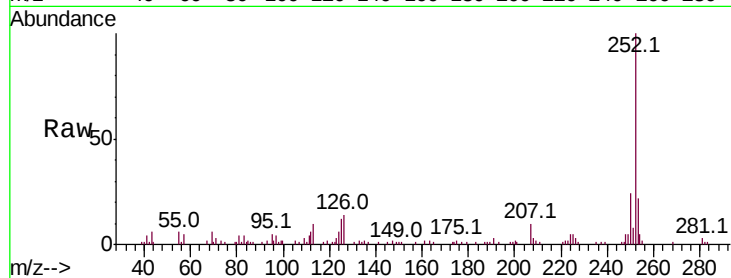
#89
Benzo(a)pyrene
Concen: 4.216 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BF109304.D
Acq: 25 Sep 2018 23:27

Instrument :
BNA_F
ClientSampleId :
GRID02-COMP-092018

Tot Ion:	252	Resp:	40058
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.1	25.7
125	12.2	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.177 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF109304.D
Acq: 25 Sep 2018 23:27

Tgt Ion:	276	Resp:	24339
Ion Ratio	Lower	Upper	
276	100		
277	22.8	17.9	26.9
138	23.2	21.8	32.8

