

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
 Data File : BF109556.D
 Acq On : 3 Oct 2018 19:37
 Operator : JU/SJ
 Sample : J5218-05 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 293-230

Manual Integrations
 APPROVED

Sohil
 10/4/2018 11:44:28 AM

Quant Time: Oct 04 10:16:29 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	6.70	152	78121	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	280269	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	114993	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	232233	20.00	ng	0.00
75) Chrysene-d12	13.84	240	202359	20.00	ng	0.00
86) Perylene-d12	15.24	264	134189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	86580	18.25	ng	0.00
7) Phenol-d6	6.35	99	124293	20.54	ng	-0.01
23) Nitrobenzene-d5	7.26	82	67833	14.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	26150	23.07	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	126015	16.53	ng	-0.02
78) Terphenyl-d14	12.79	244	139281	16.89	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	43269	5.173	ng	99
70) Phenanthrene	11.23	178	43145	3.721	ng	98
74) Fluoranthene	12.42	202	103332	8.339	ng	95
77) Pyrene	12.65	202	91552	6.313	ng	98
80) Benzo(a)anthracene	13.83	228	35886	2.944	ng	96
82) Chrysene	13.87	228	39052m	3.233	ng	
87) Benzo(b)fluoranthene	14.85	252	33919m	4.600	ng	
89) Benzo(a)pyrene	15.19	252	18989	2.858	ng	# 78
91) Benzo(g,h,i)perylene	17.01	276	11936	2.228	ng	# 83

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

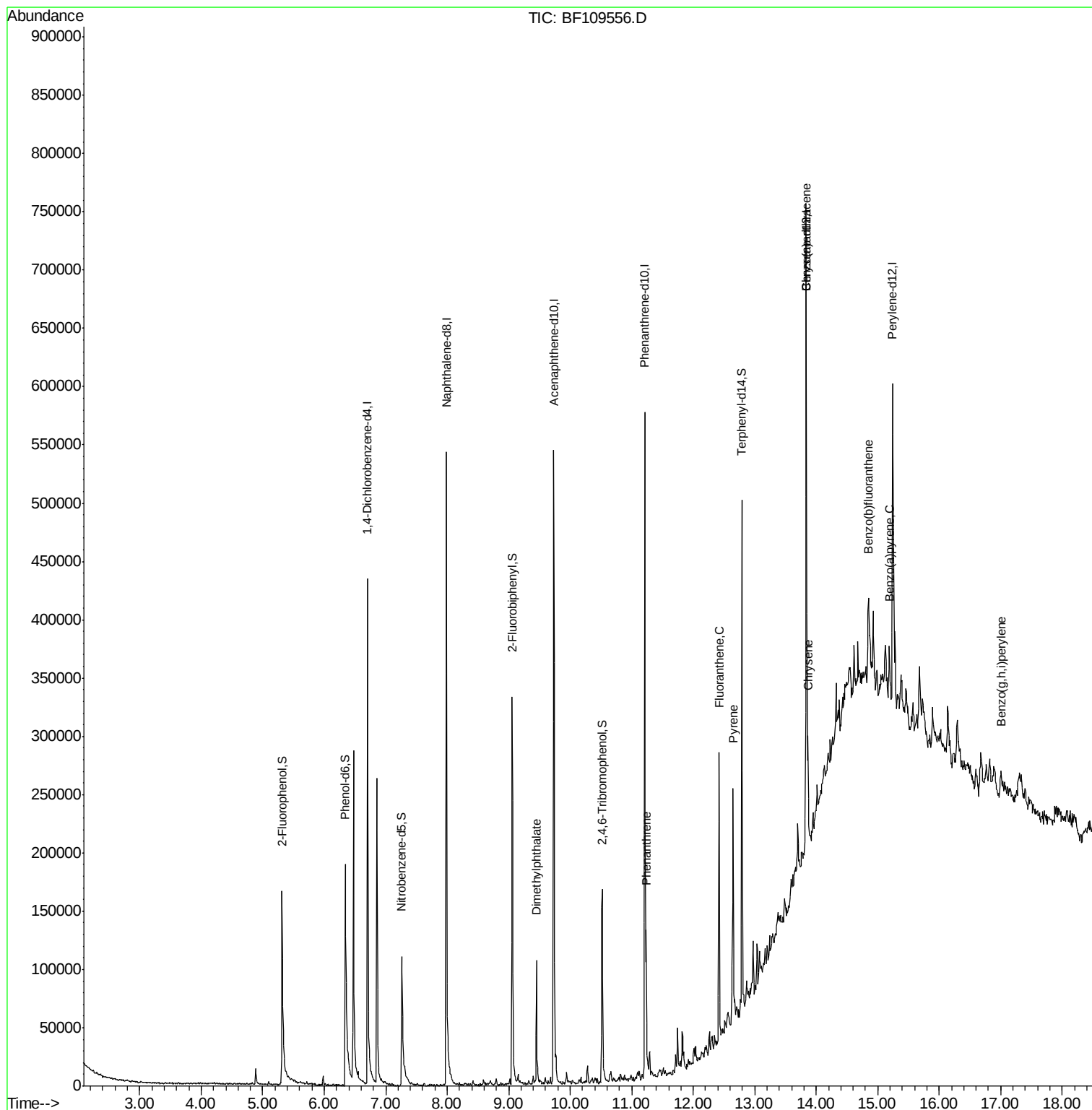
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109556.D
Acq On : 3 Oct 2018 19:37
Operator : JU/SJ
Sample : J5218-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

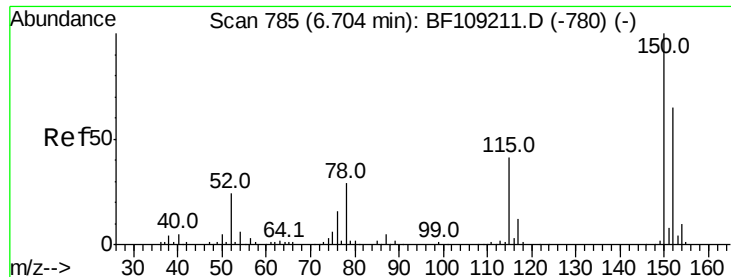
Instrument :
BNA_F
ClientSampleId :
293-230

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

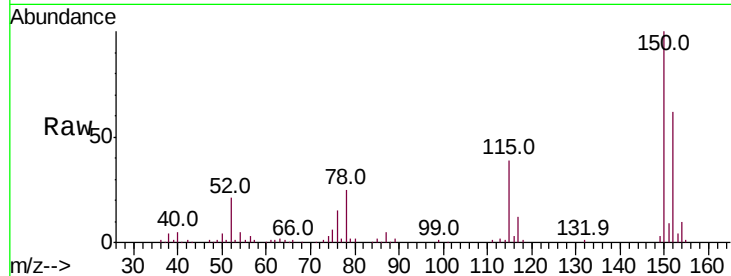
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109556.D
Acq: 3 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
293-230

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	62.0	50.1	75.1

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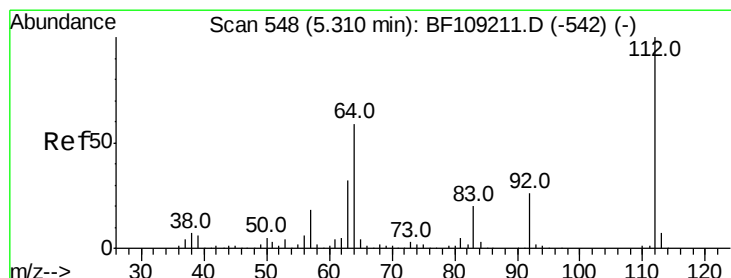
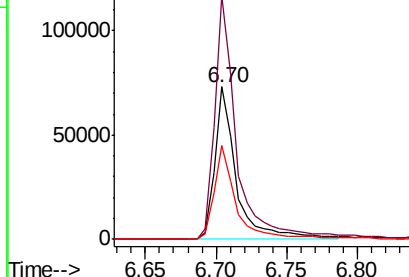
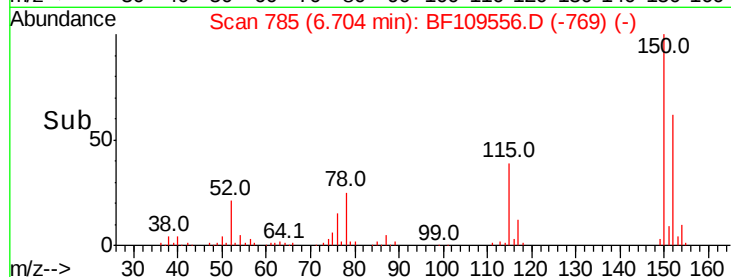


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

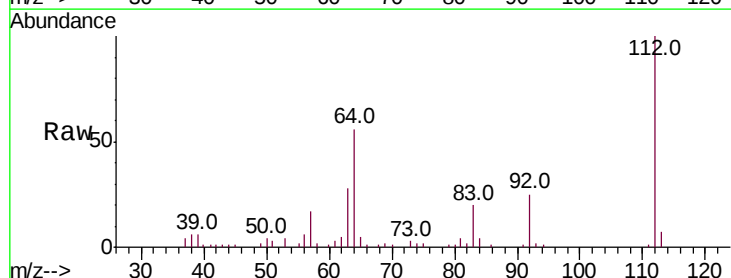
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 18.254 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109556.D
Acq: 3 Oct 2018 19:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	28.1	23.7	35.5

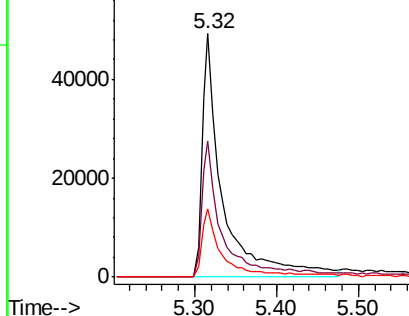
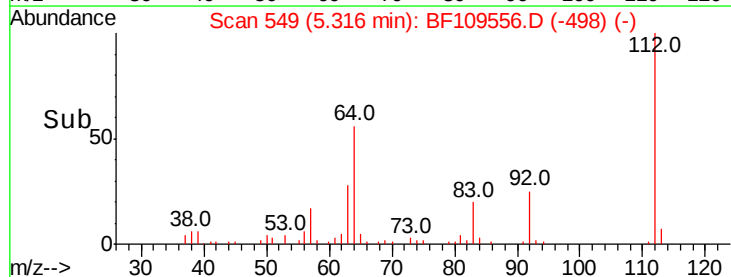


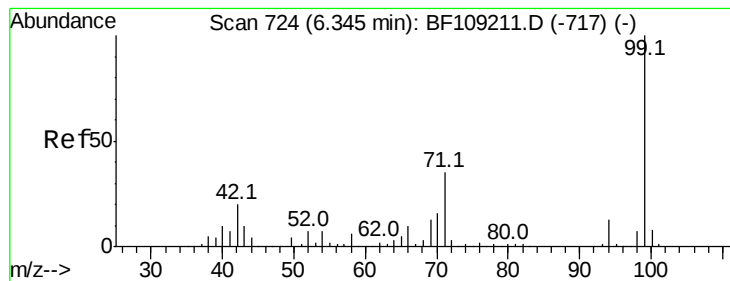
Abundance

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: 20.537 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109556.D

Acq: 3 Oct 2018 19:37

Instrument :

BNA_F

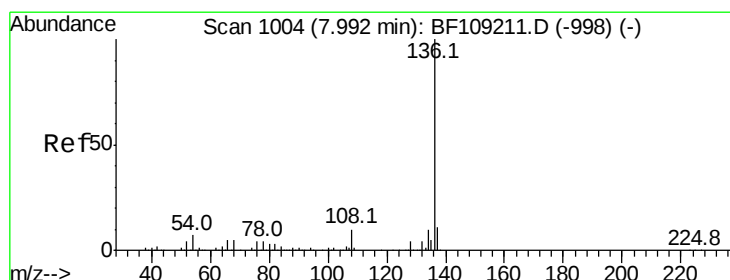
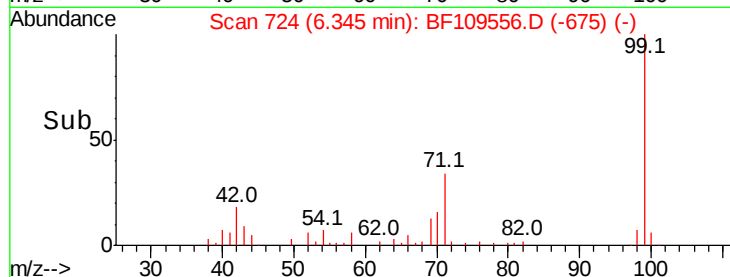
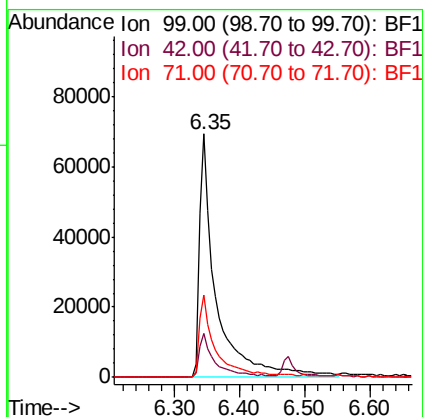
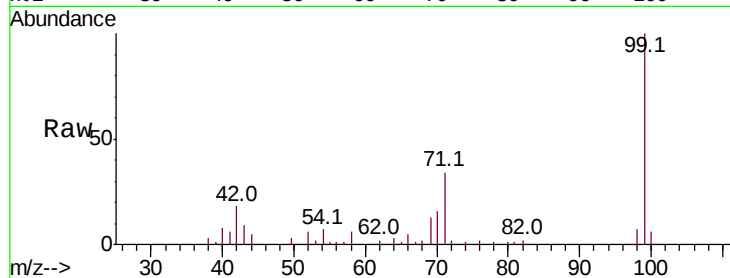
ClientSampleId :

293-230

Tot Ion:	99	Resp:	124293
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.5	21.7
71	33.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

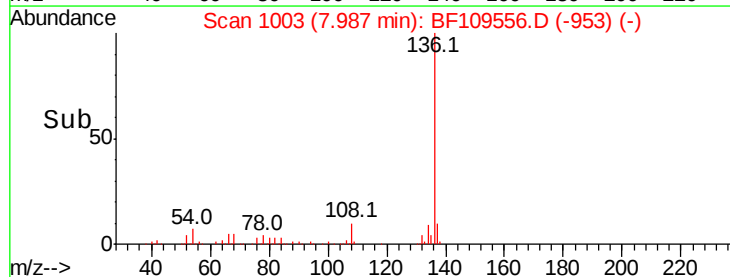
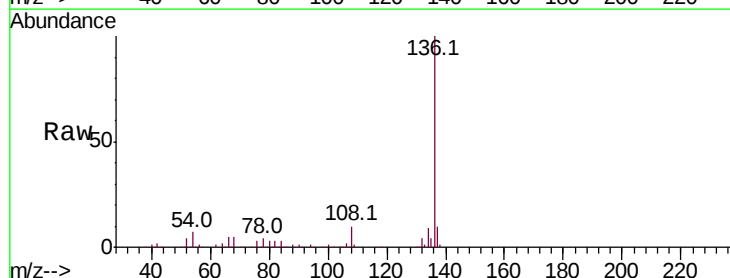
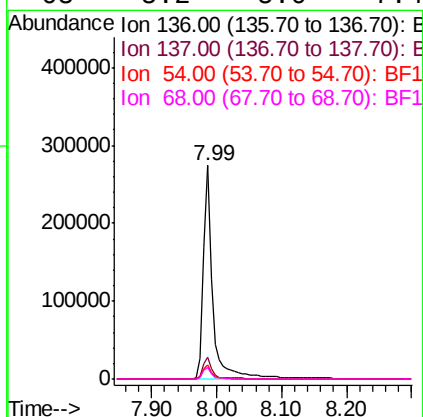
RT: 7.99 min Scan# 1003

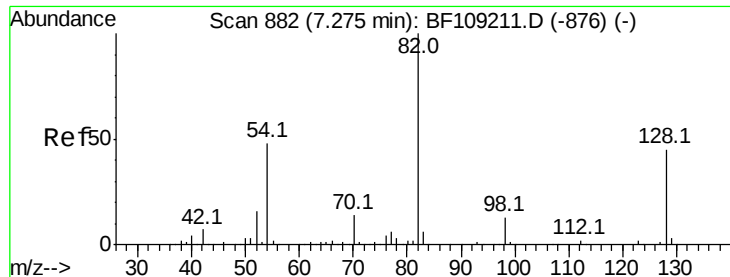
Delta R.T. -0.01 min

Lab File: BF109556.D

Acq: 3 Oct 2018 19:37

Tgt Ion:	136	Resp:	280269
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.9	13.3
54	6.8	6.6	9.8
68	5.2	5.0	7.4





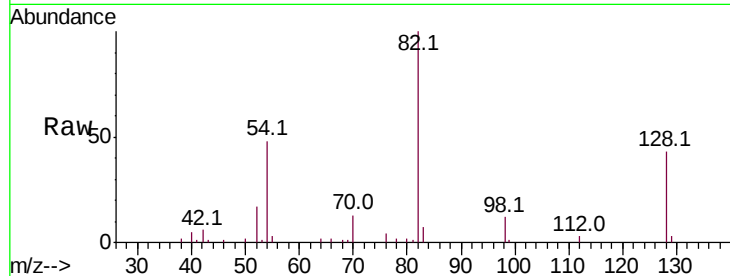
#23
 Nitrobenzene-d5
 Concen: 14.287 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109556.D
 Acq: 3 Oct 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 293-230

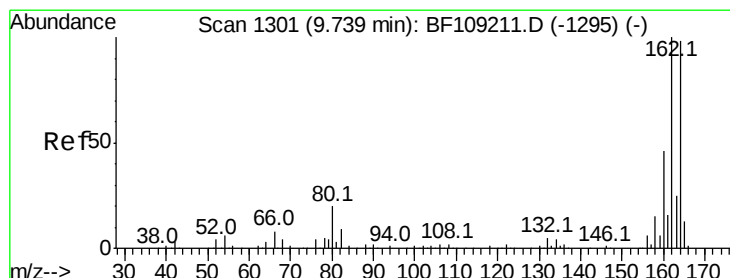
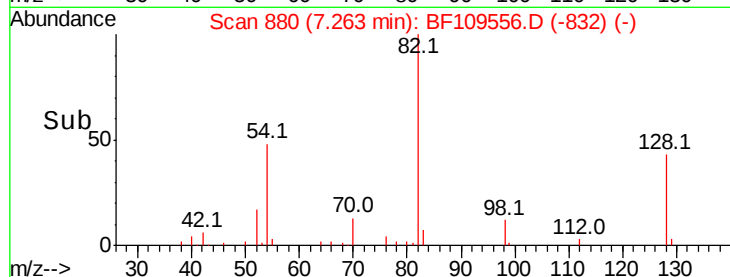
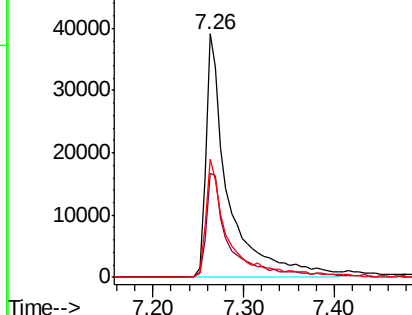
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	48.3	41.4	62.2

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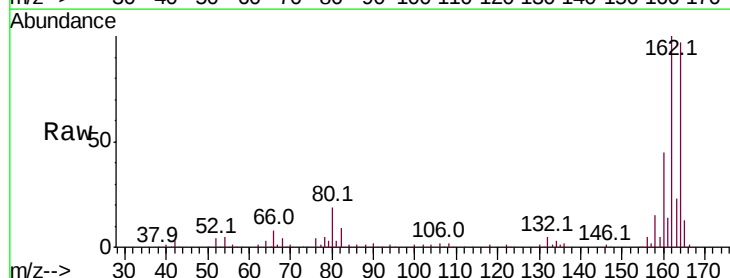


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

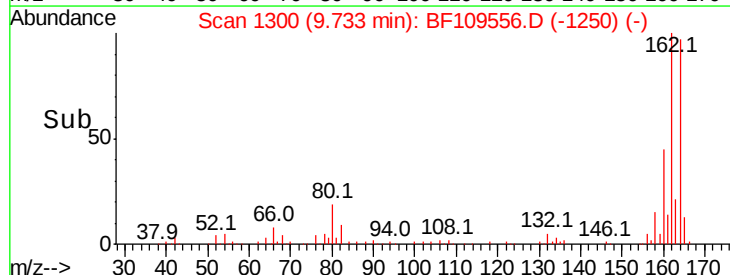
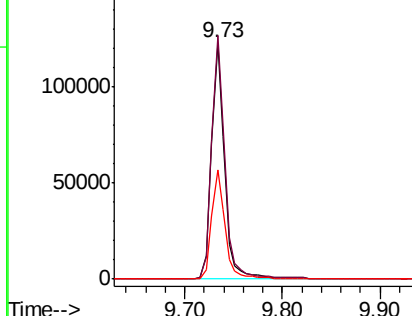


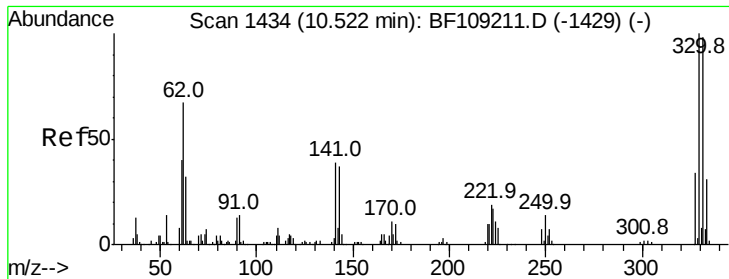
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109556.D
 Acq: 3 Oct 2018 19:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.4	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





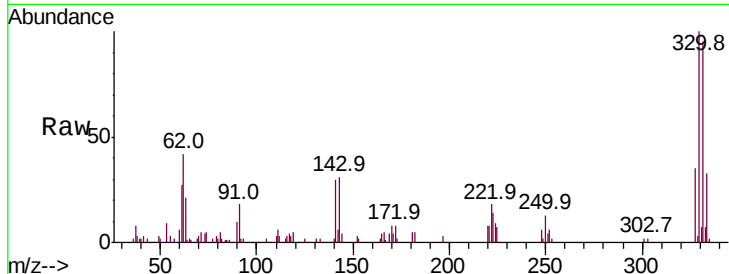
#41
 2,4,6-Tribromophenol
 Concen: 23.068 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109556.D
 Acq: 3 Oct 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
330	100	26150		
332	94.7	77.0	115.6	
141	33.8	29.9	44.9	

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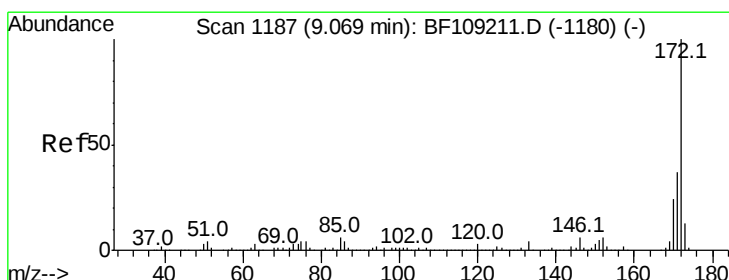
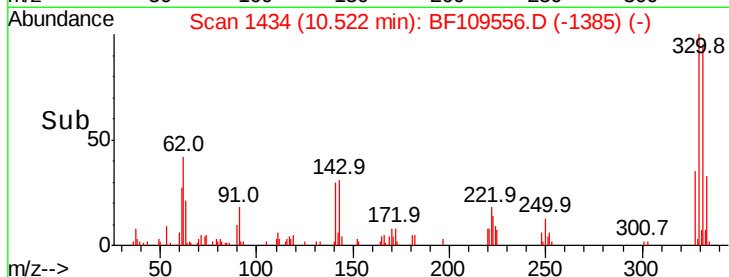
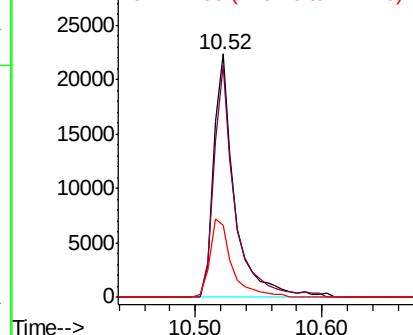


Abundance

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: 16.528 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109556.D
 Acq: 3 Oct 2018 19:37

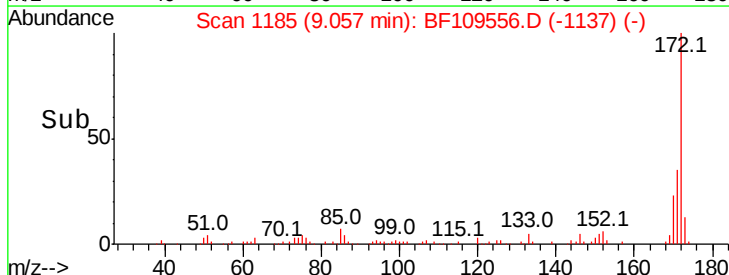
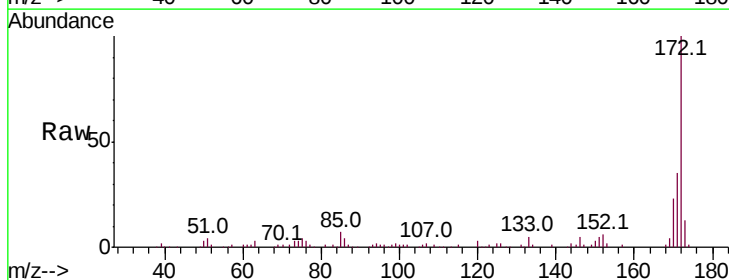
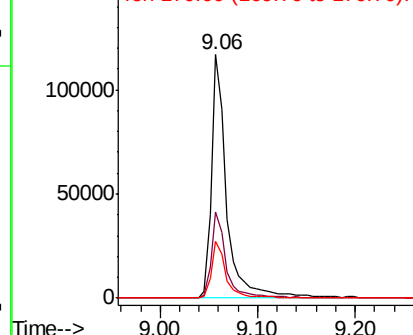
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	126015		
171	35.3	29.7	44.5	
170	23.1	19.6	29.4	

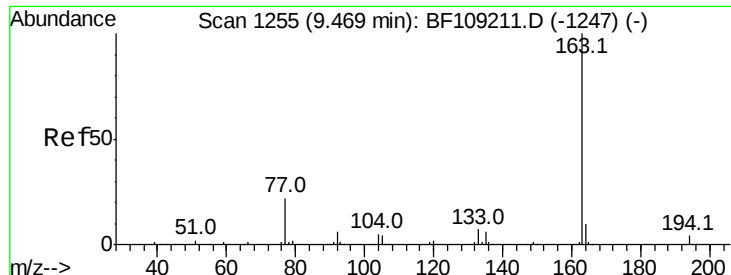
Abundance

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





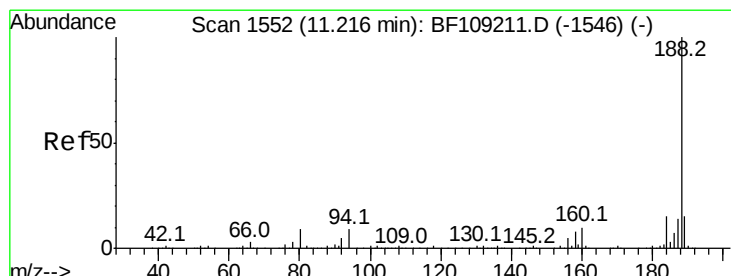
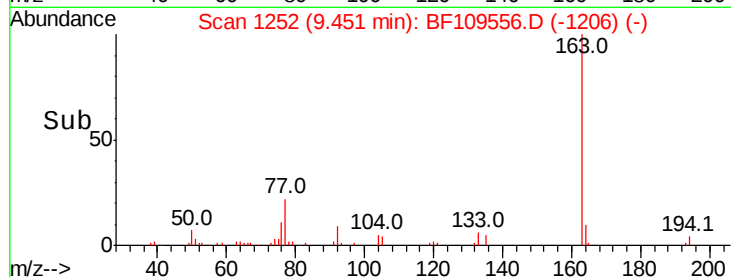
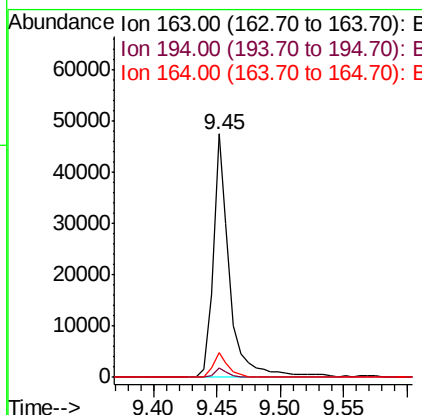
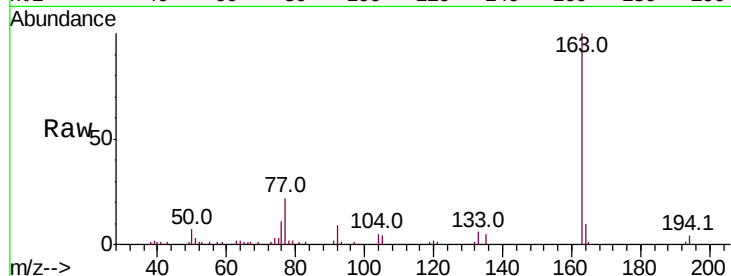
#49
Dimethylphthalate
Concen: 5.173 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109556.D
Acq: 3 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
293-230

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.0	8.2	12.2

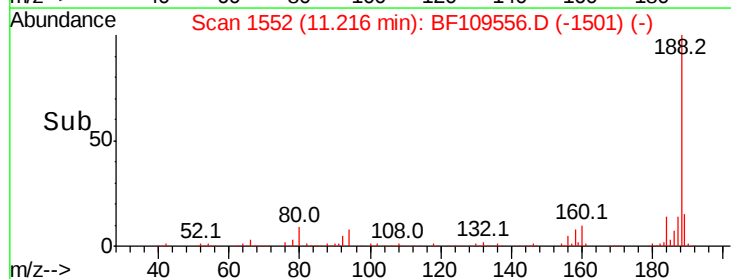
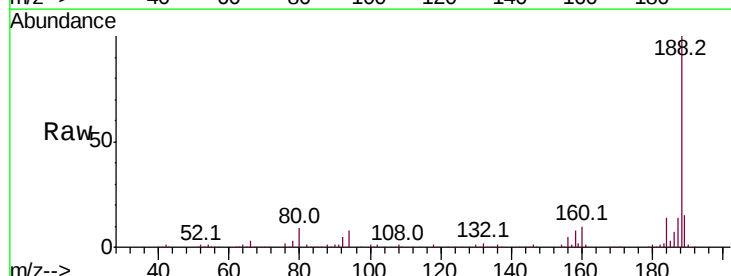
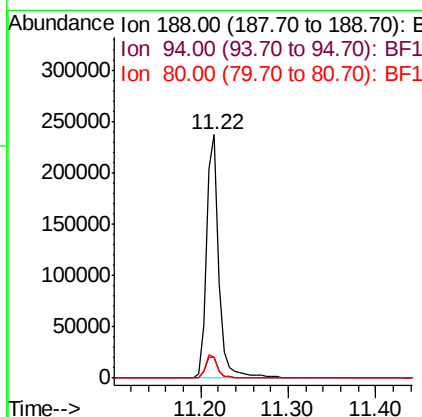
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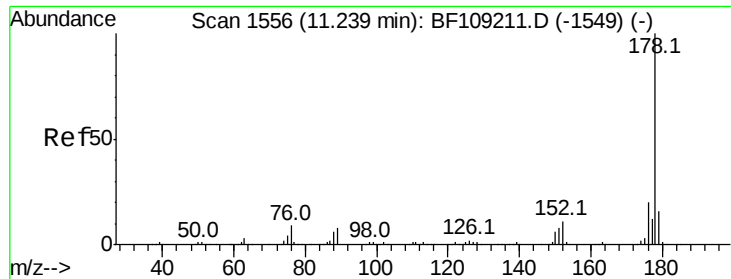
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109556.D
Acq: 3 Oct 2018 19:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	8.8	9.2	13.8





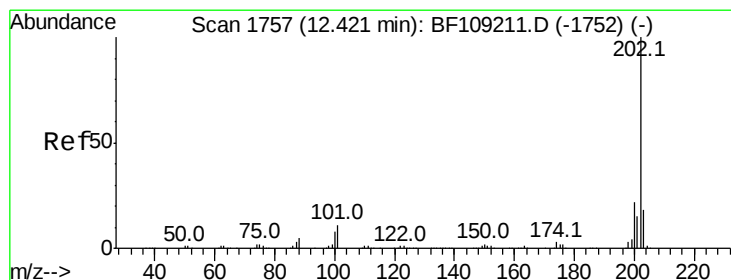
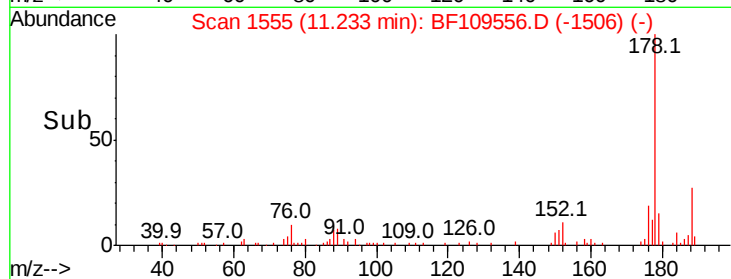
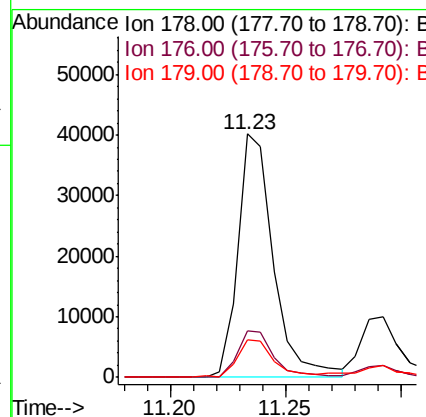
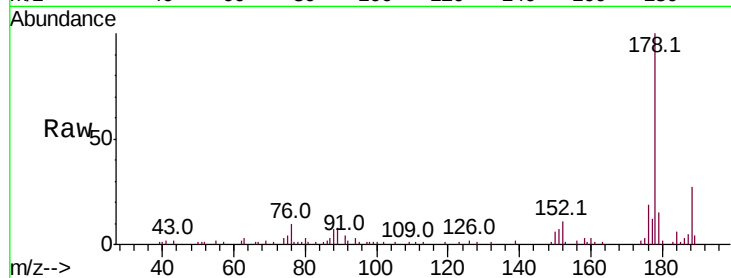
#70
Phenanthrene
Concen: 3.721 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109556.D
Acq: 3 Oct 2018 19:37

Instrument :
BNA_F
ClientSampled :
293-230

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.4	13.0	19.6

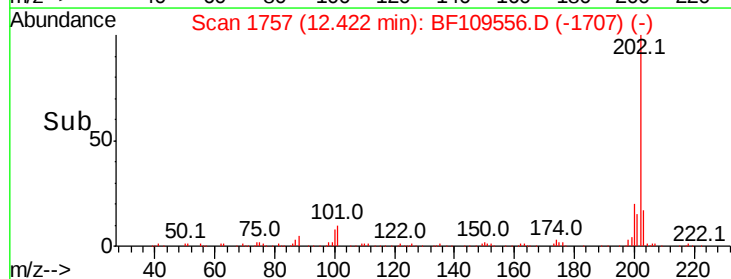
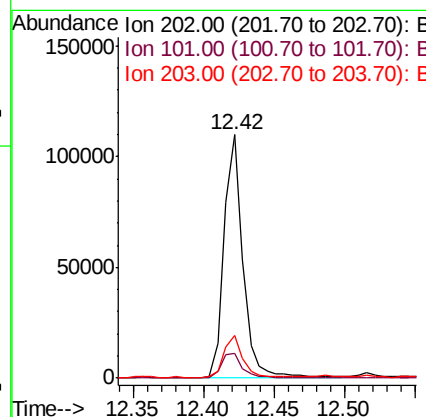
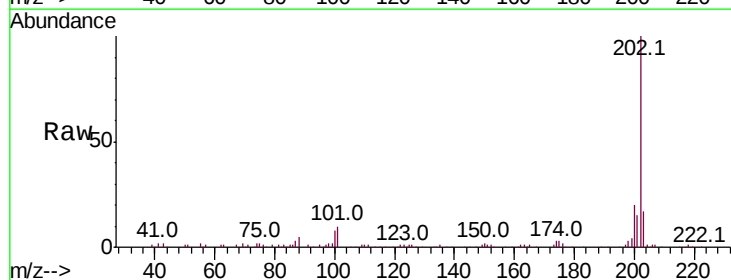
Manual Integrations
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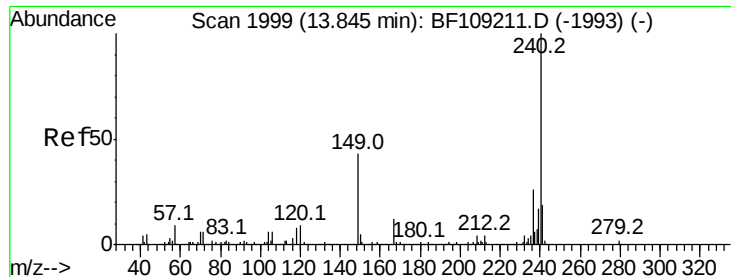
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#74
Fluoranthene
Concen: 8.339 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109556.D
Acq: 3 Oct 2018 19:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	17.4	0.0	38.1





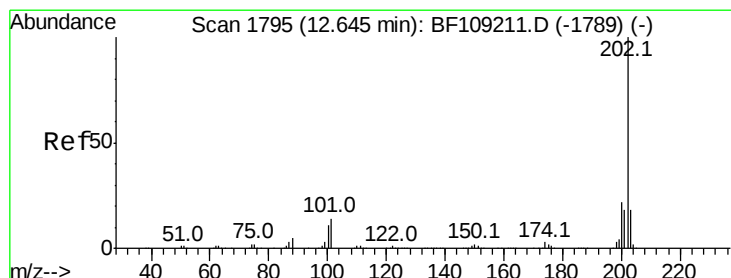
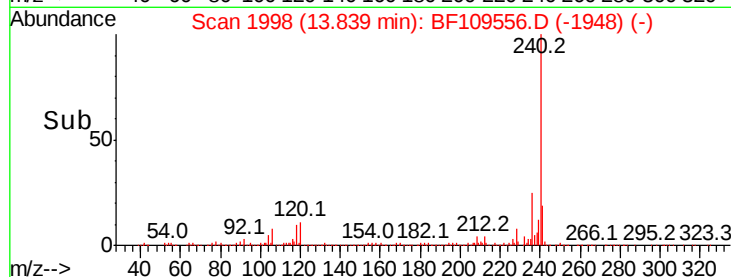
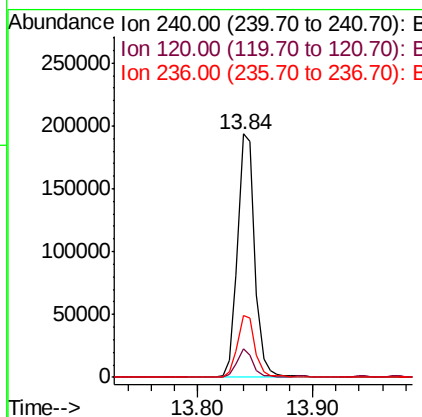
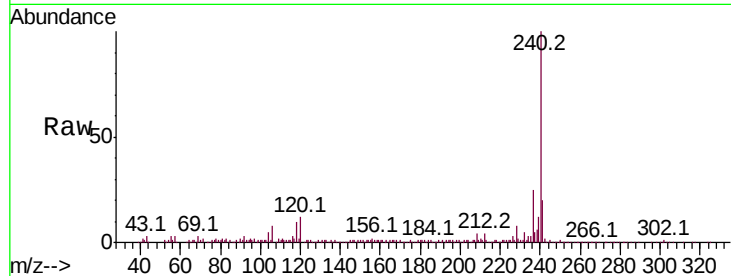
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109556.D
Acq: 3 Oct 2018 19:37

Instrument :
BNA_F
ClientSampled :
293-230

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.3	20.7	31.1

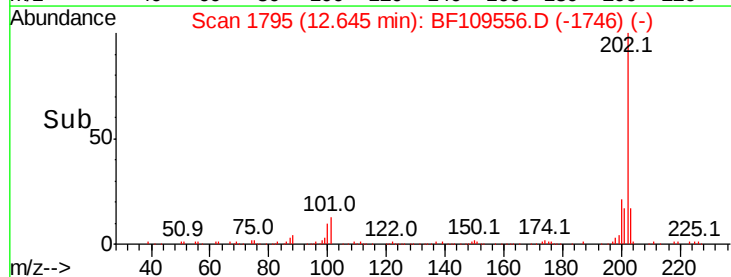
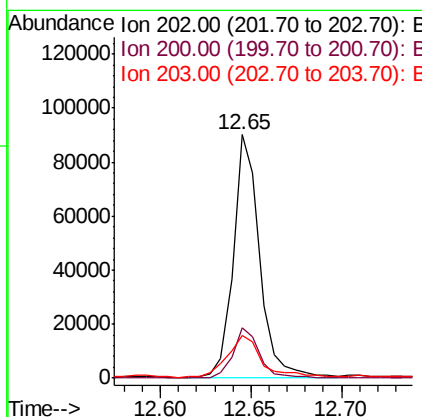
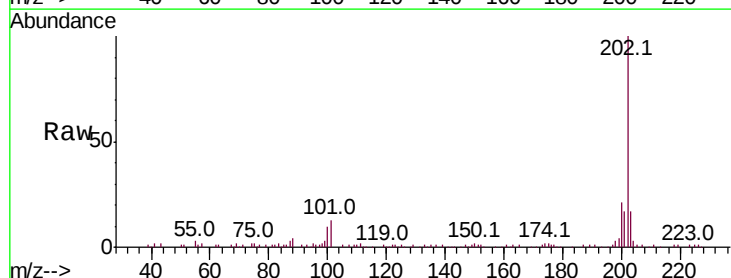
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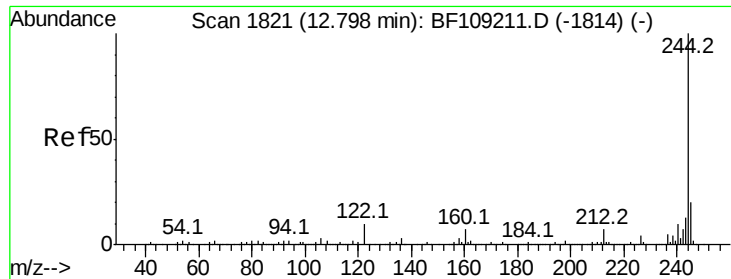
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#77
Pyrene
Concen: 6.313 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109556.D
Acq: 3 Oct 2018 19:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.5	14.3	21.5





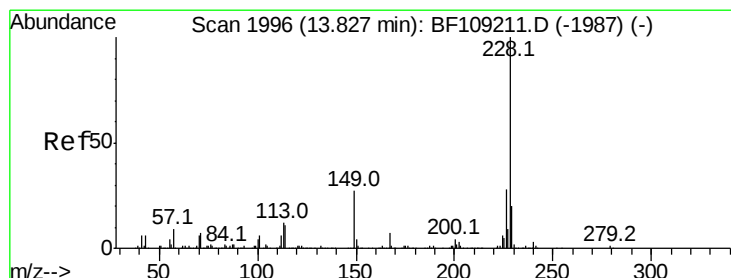
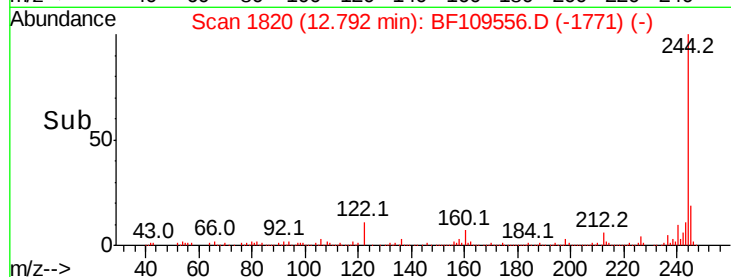
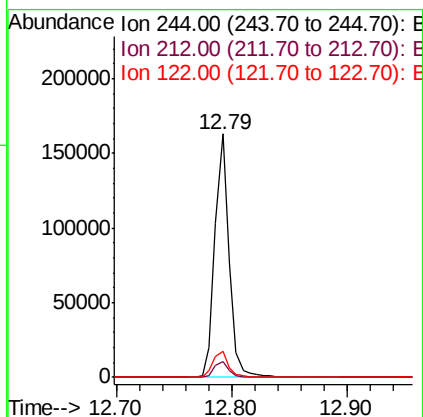
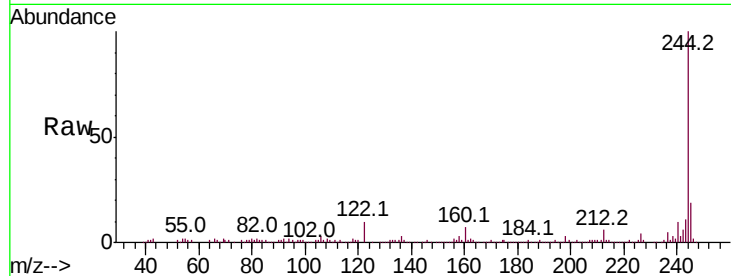
#78
 Terphenyl-d14
 Concen: 16.892 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109556.D
 Acq: 3 Oct 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 293-230

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	10.5	11.0	16.4

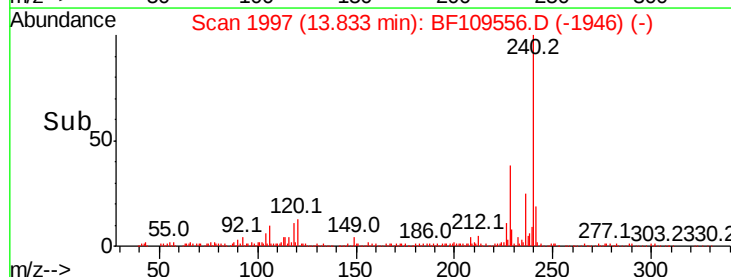
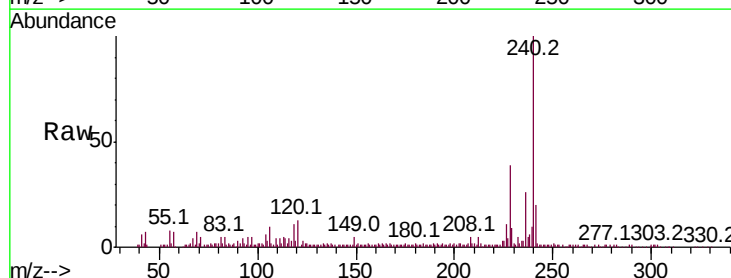
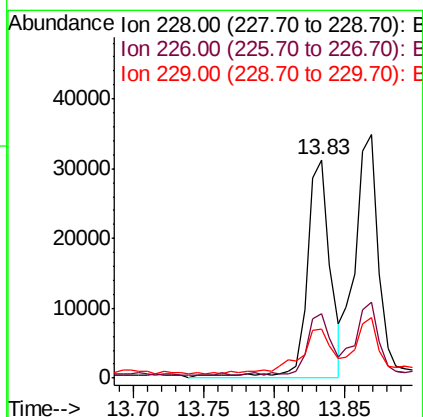
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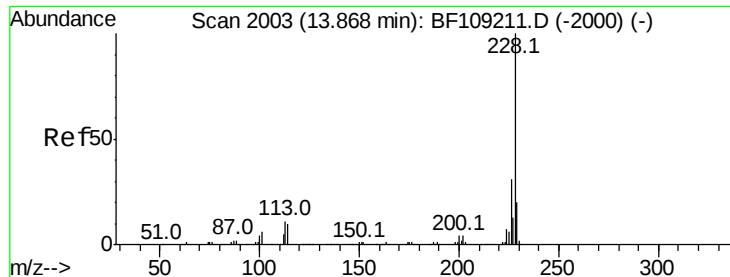
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#80
 Benzo(a)anthracene
 Concen: 2.944 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF109556.D
 Acq: 3 Oct 2018 19:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	22.8	15.8	23.6





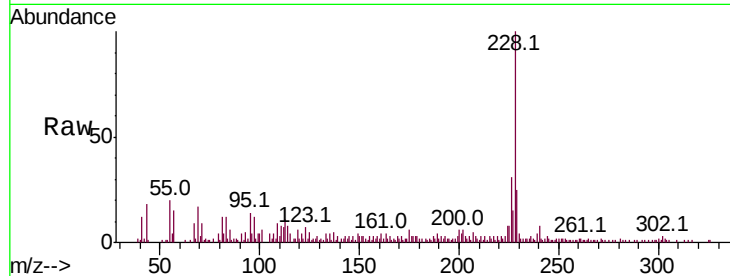
#82
Chrysene
Concen: 3.233 ng/ml
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF109556.D
Acq: 3 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
293-230

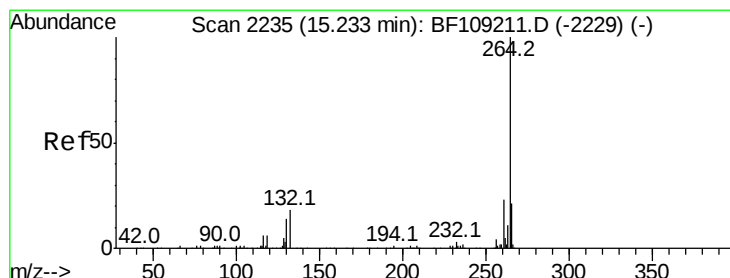
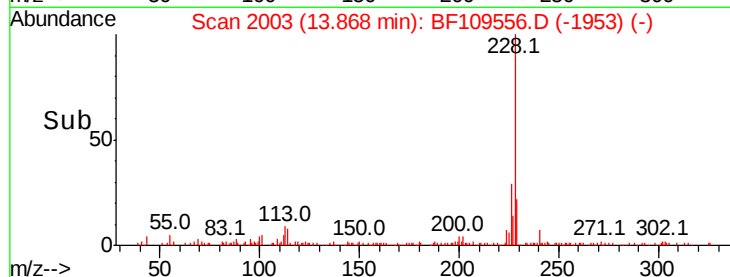
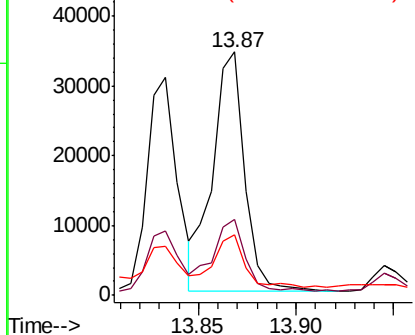
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	24.8	16.2	24.4

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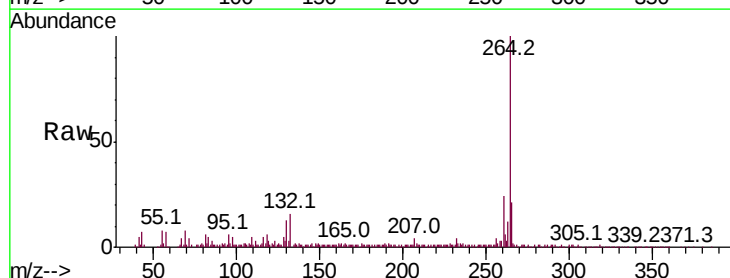


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

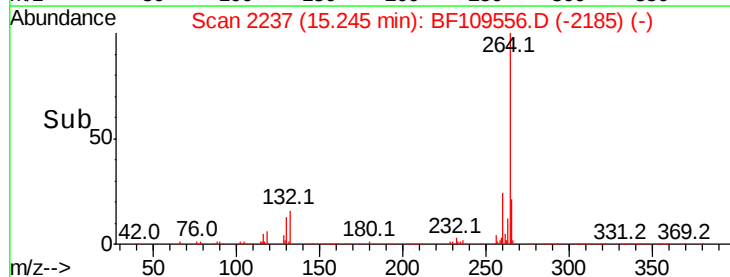
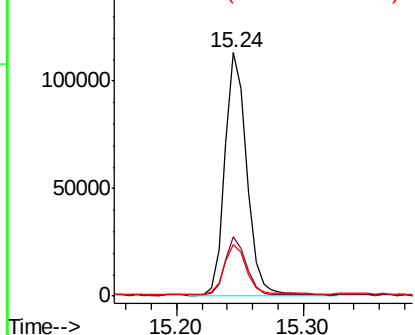


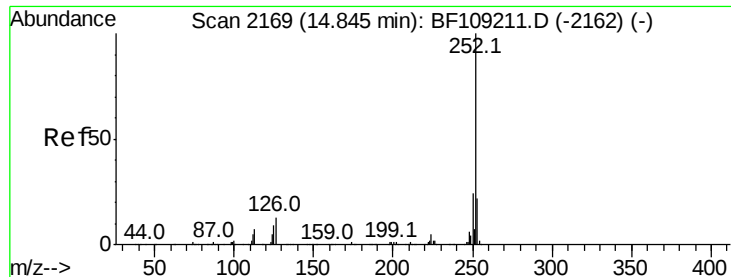
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109556.D
Acq: 3 Oct 2018 19:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	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: 4.600 ng/mL

RT: 14.85 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BF109556.D

Acq: 3 Oct 2018 19:37

Instrument :

BNA_F

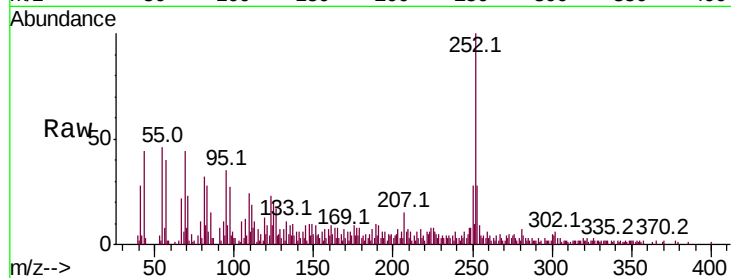
ClientSampleId :

293-230

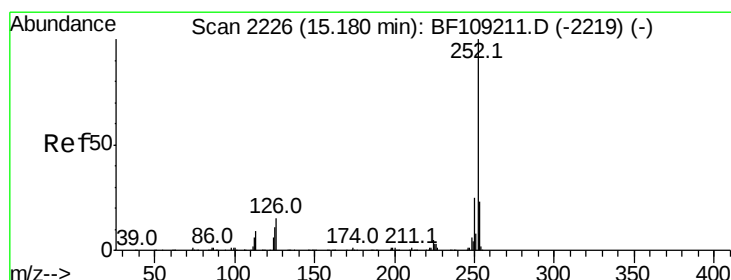
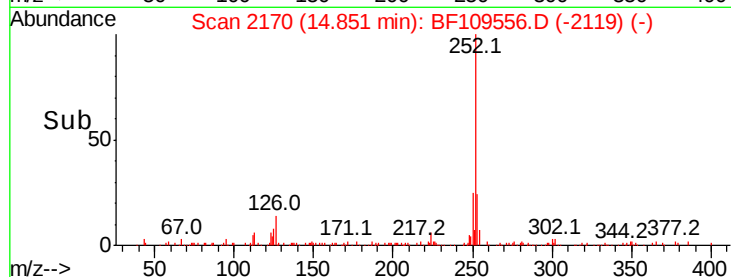
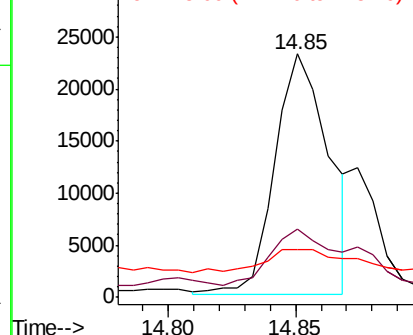
Tot Ion:	252	Resp:	33919
Ion Ratio	Lower	Upper	
252	100		
253	28.2	17.0	25.6#
125	19.8	9.0	13.6#

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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



#89

Benzo(a)pyrene

Concen: 2.858 ng/mL

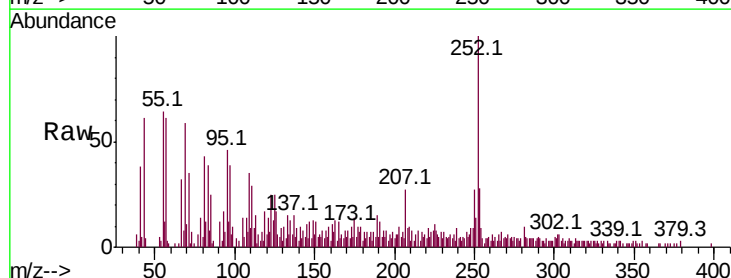
RT: 15.19 min Scan# 2227

Delta R.T. 0.00 min

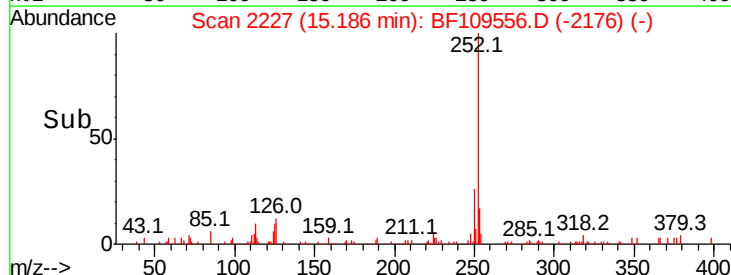
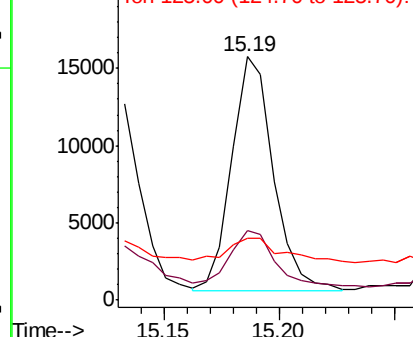
Lab File: BF109556.D

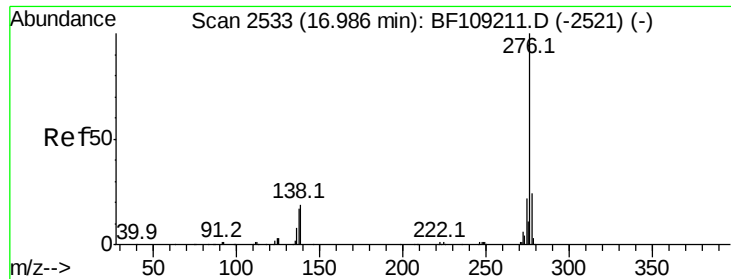
Acq: 3 Oct 2018 19:37

Tgt Ion:	252	Resp:	18989
Ion Ratio	Lower	Upper	
252	100		
253	28.4	17.1	25.7#
125	25.3	9.8	14.6#



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





#91
 Benzo(a,h,i)perylene
 Concen: 2.228 ng
 RT: 17.01 min Scan# 2537
 Delta R.T. 0.01 min
 Lab File: BF109556.D
 Acq: 3 Oct 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 293-230

Tot Ion	Ratio	Lower	Upper
276	100		
277	36.0	17.9	26.9#
138	30.9	21.8	32.8

Manual Integrations
 APPROVED

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