

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092418\
 Data File : BF109277.D
 Acq On : 24 Sep 2018 19:29
 Operator : JU/SJ
 Sample : J4770-17 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-092118-I

Quant Time: Sep 25 04:43:14 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	95981	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	339637	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	145451	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	282116	20.00	ng	0.00
75) Chrysene-d12	13.84	240	219213	20.00	ng	0.00
86) Perylene-d12	15.25	264	154772	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	251339	43.13	ng	0.00
7) Phenol-d6	6.34	99	309833	41.67	ng	-0.02
23) Nitrobenzene-d5	7.26	82	178276	30.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	66968	46.71	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	308483	31.99	ng	-0.01
78) Terphenyl-d14	12.80	244	317310	35.52	ng	0.00

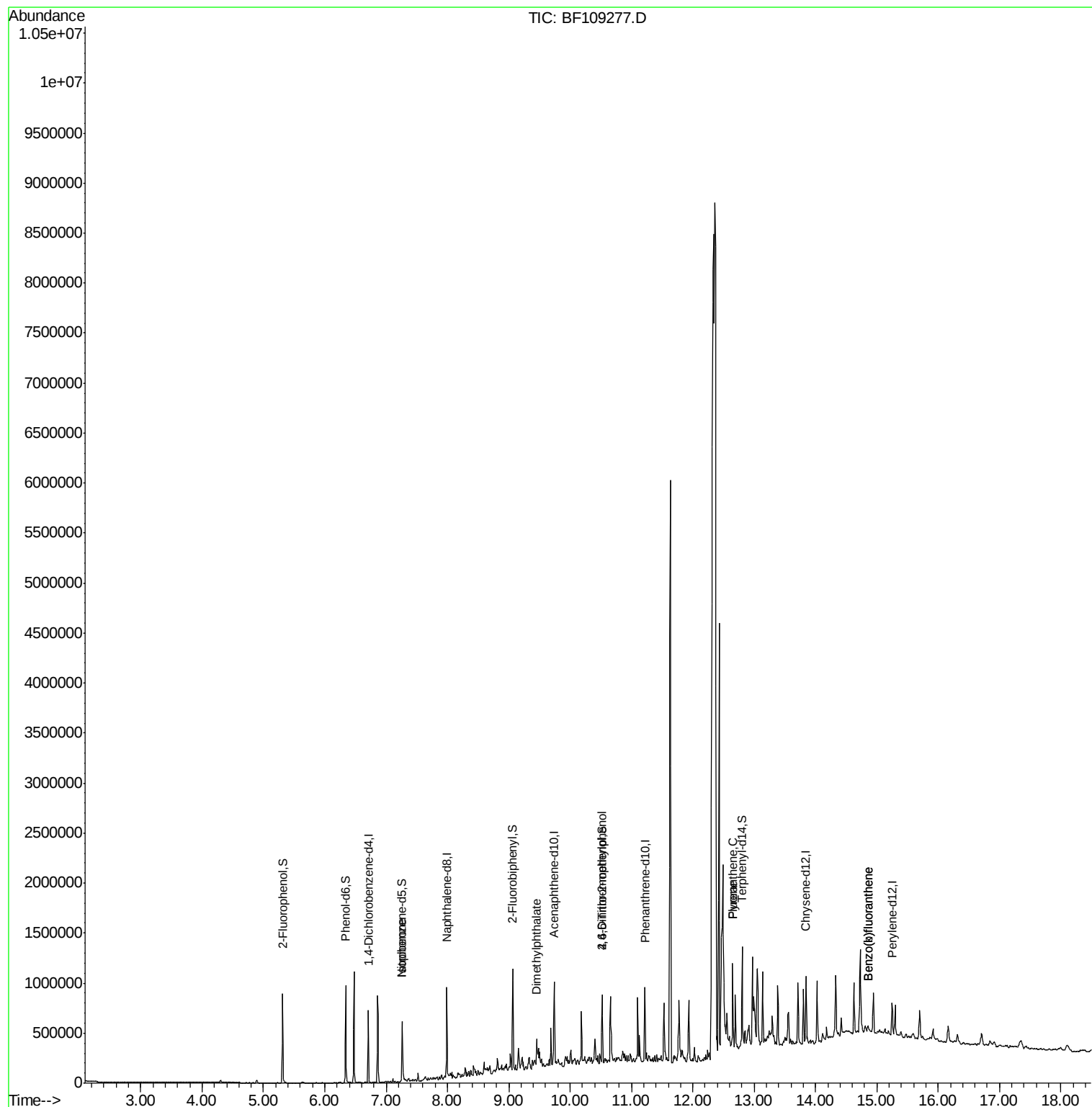
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Isophorone	7.26	82	148975	14.379	ng	# 65
49) Dimethylphthalate	9.46	163	78640	7.433	ng	# 99
64) 4,6-Dinitro-2-methylphenol	10.52	198	108	6.602	ng	# 1
74) Fluoranthene	12.66	202	58255	3.870	ng	98
77) Pyrene	12.66	202	58271	3.709	ng	98
87) Benzo(b)fluoranthene	14.85	252	29131	3.425	ng	# 65
88) Benzo(k)fluoranthene	14.85	252	29131	3.610	ng	# 68

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

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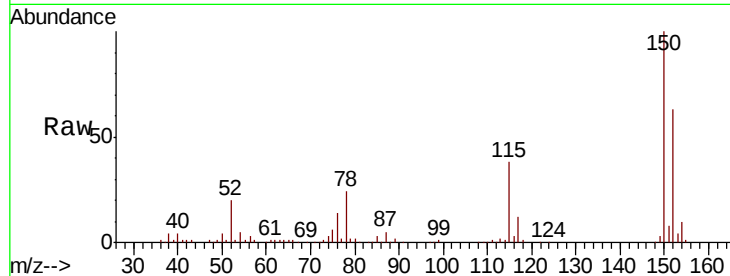


#1

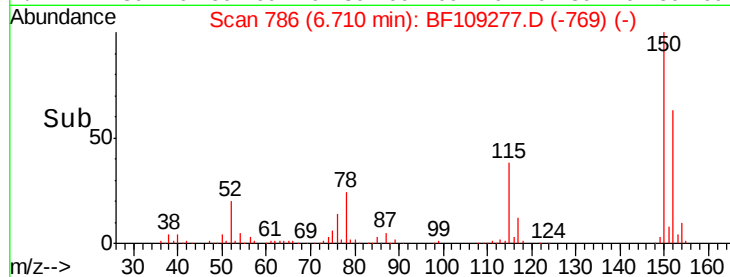
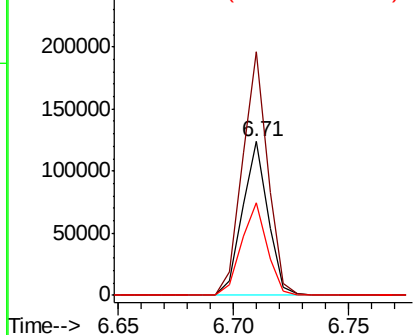
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF109277.D
 Acq: 24 Sep 2018 19:29

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-092118-I

Tgt Ion:152 Resp: 95981
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.6 186.8
 115 60.3 50.1 75.1



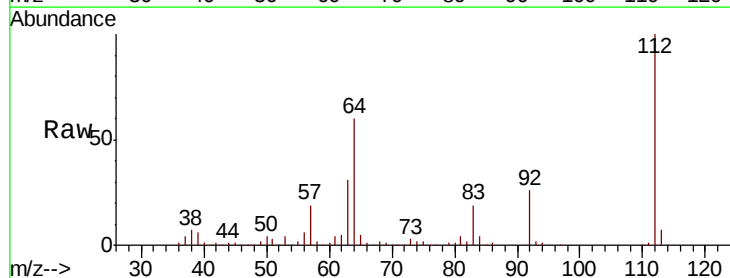
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



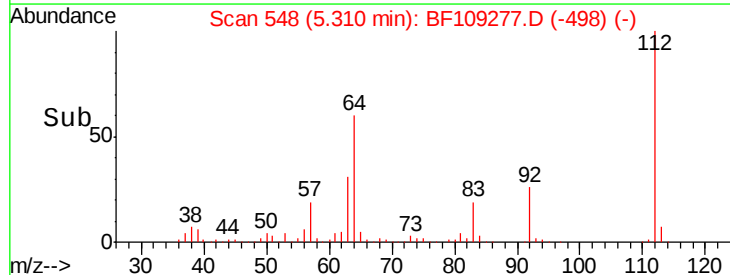
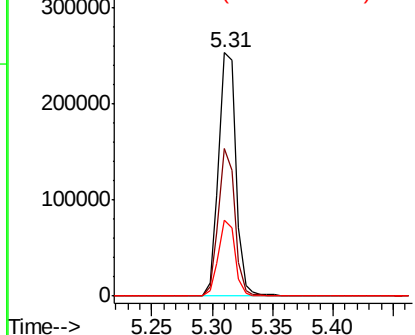
#5

2-Fluorophenol
 Concen: 43.131 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109277.D
 Acq: 24 Sep 2018 19:29

Tgt Ion:112 Resp: 251339
 Ion Ratio Lower Upper
 112 100
 64 60.4 47.9 71.9
 63 31.2 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: 41.667 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109277.D

Acq: 24 Sep 2018 19:29

Instrument :

BNA_F

ClientSampleId :

JC-02-092118-I

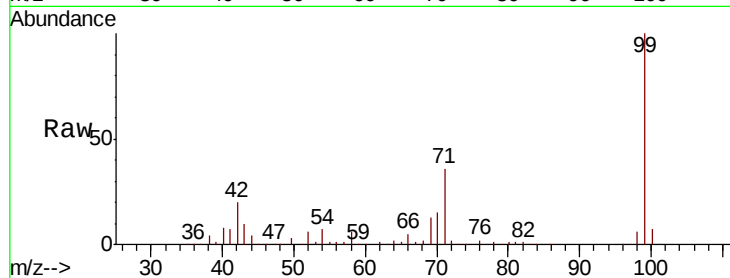
Tgt Ion: 99 Resp: 309833

Ion Ratio Lower Upper

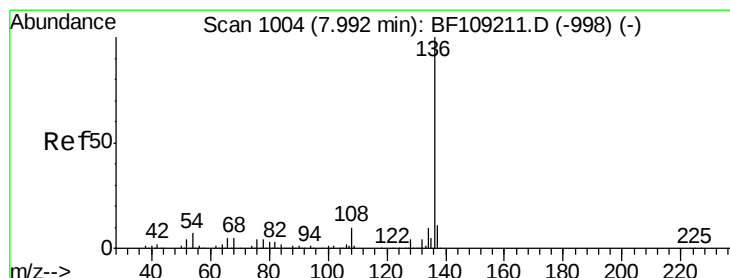
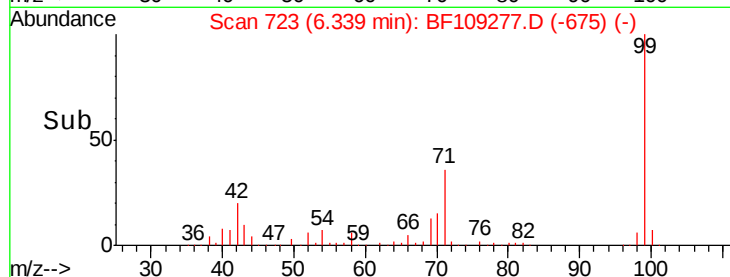
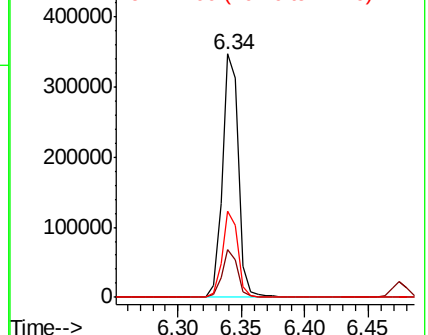
99 100

42 19.8 14.5 21.7

71 35.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF109277.D

Acq: 24 Sep 2018 19:29

Tgt Ion: 136 Resp: 339637

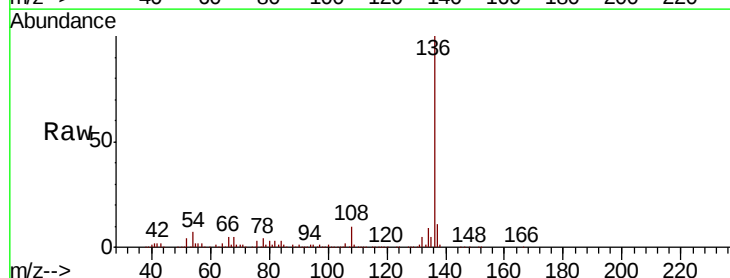
Ion Ratio Lower Upper

136 100

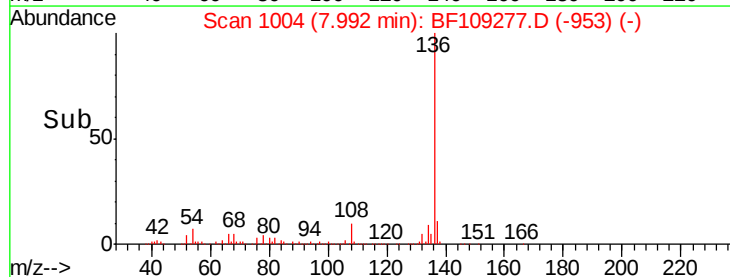
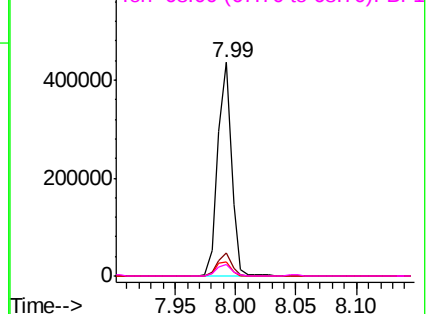
137 10.6 8.9 13.3

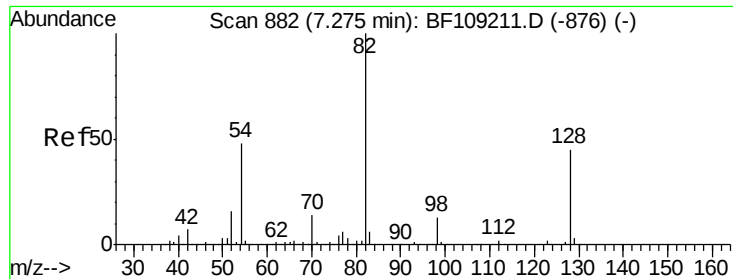
54 6.8 6.6 9.8

68 5.4 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

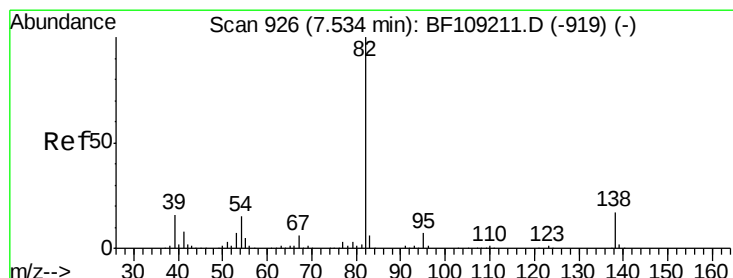
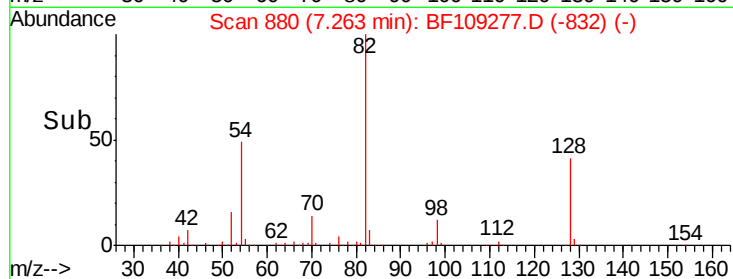
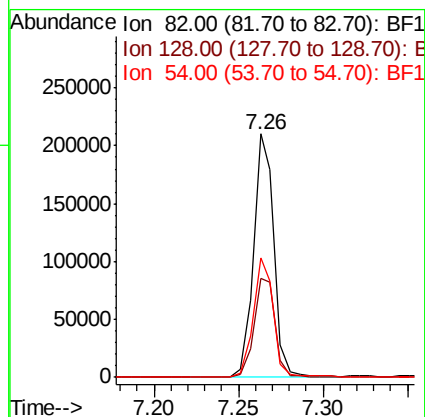
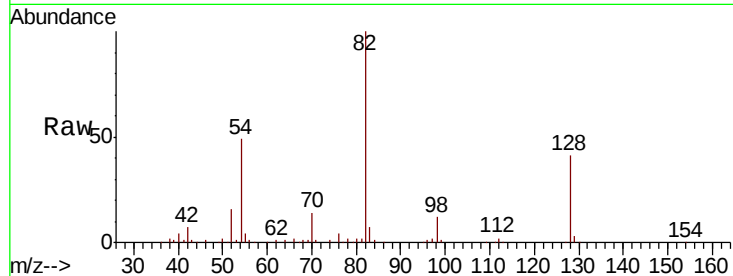




#23
 Nitrobenzene-d5
 Concen: 30.986 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109277.D
 Acq: 24 Sep 2018 19:29

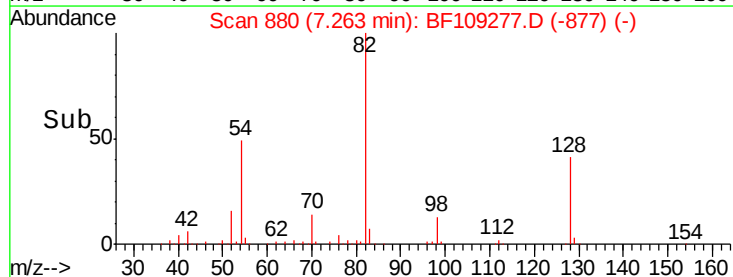
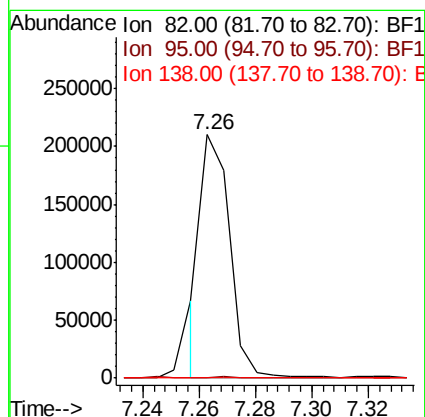
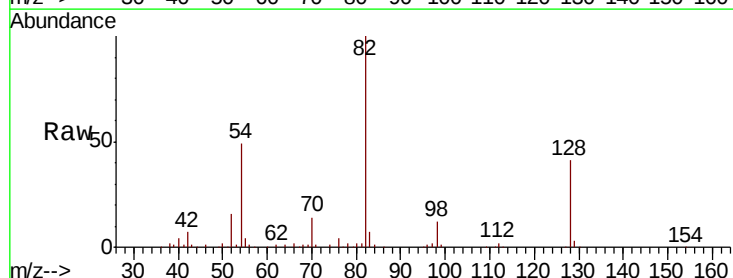
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-092118-I

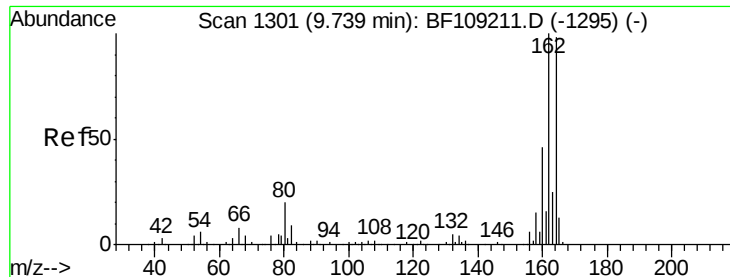
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	36.1	54.1
54	49.2	41.4	62.2



#25
 Isophorone
 Concen: 14.379 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF109277.D
 Acq: 24 Sep 2018 19:29

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.2	7.8#
138	0.0	14.9	22.3#

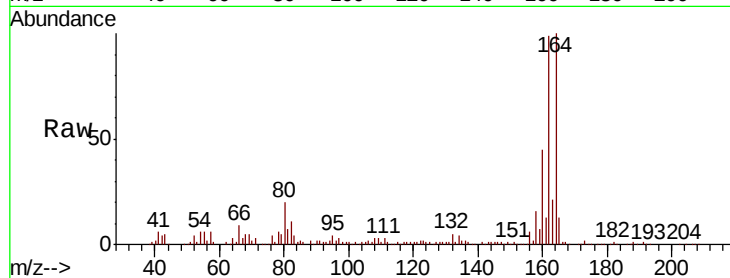




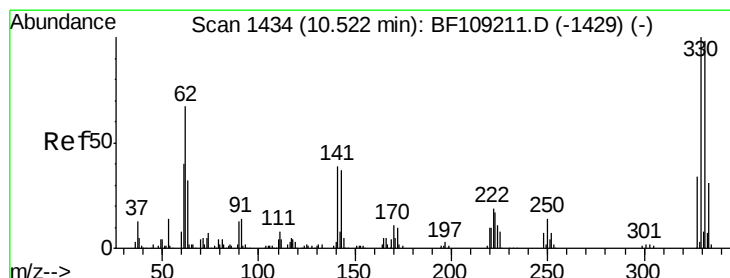
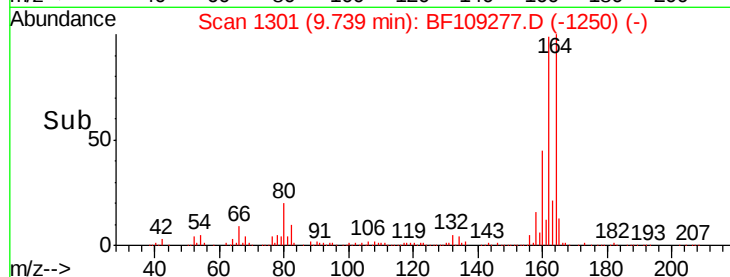
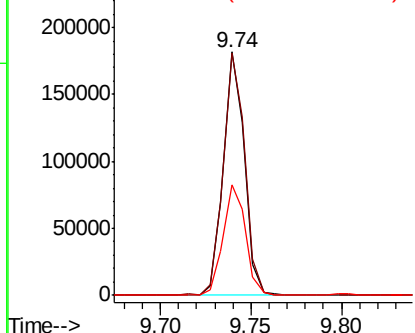
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF109277.D
 Acq: 24 Sep 2018 19:29

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-092118-I

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	86.1	129.1
160	45.4	38.3	57.5

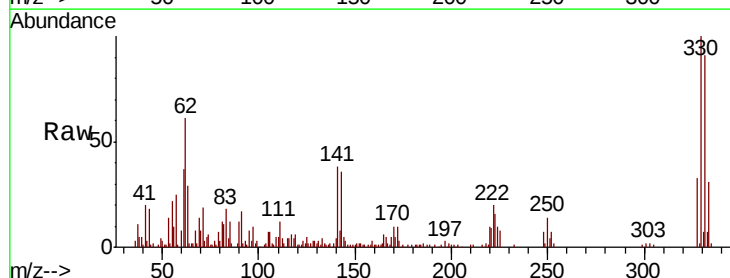


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

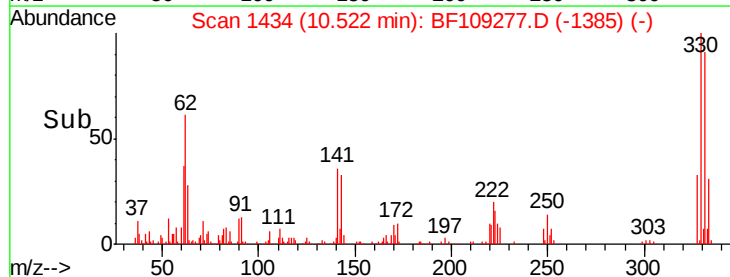
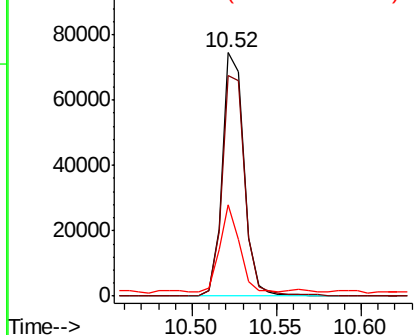


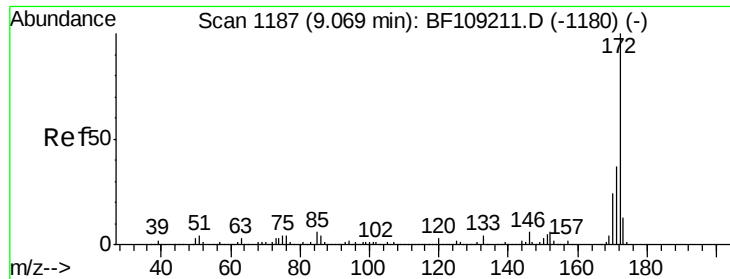
#41
 2,4,6-Tribromophenol
 Concen: 46.705 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109277.D
 Acq: 24 Sep 2018 19:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	32.3	29.9	44.9



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

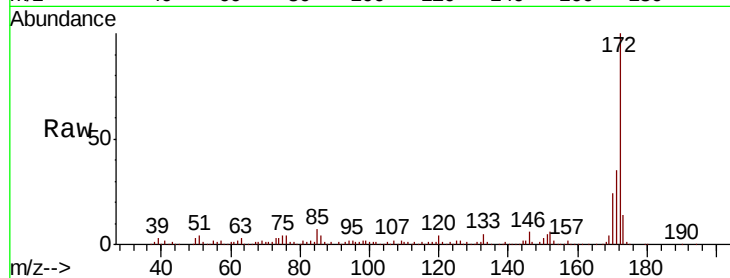




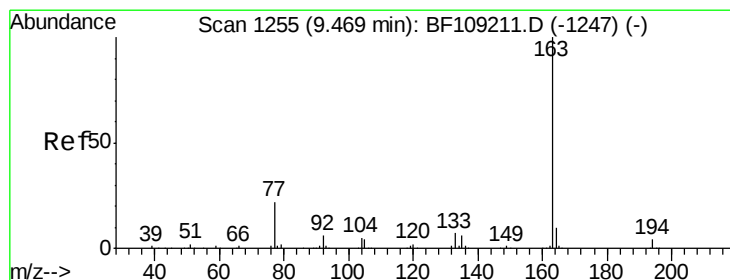
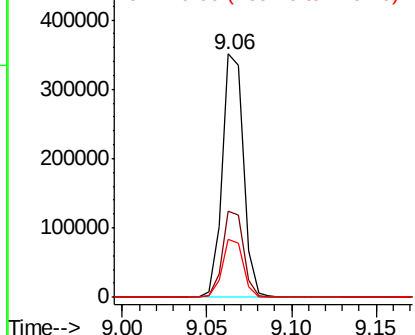
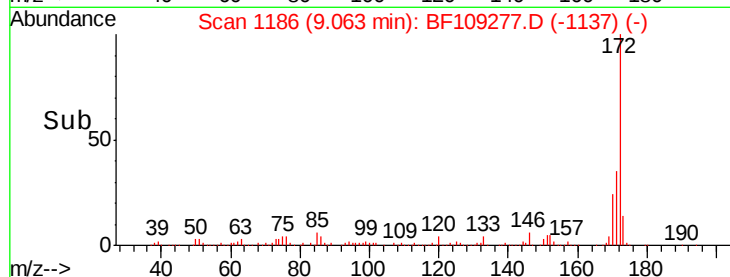
#44
 2-Fluorobiphenyl
 Concen: 31.987 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109277.D
 Acq: 24 Sep 2018 19:29

Instrument :
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.7	19.6	29.4

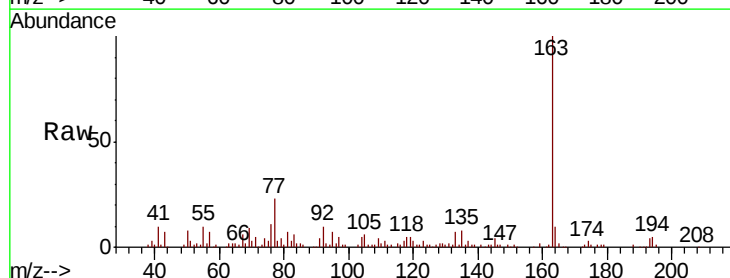


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

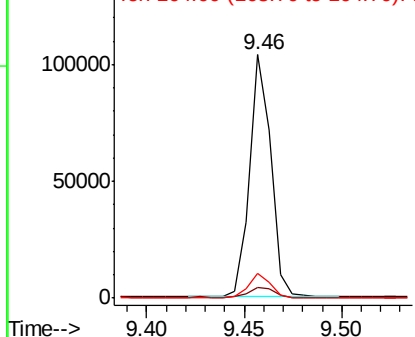
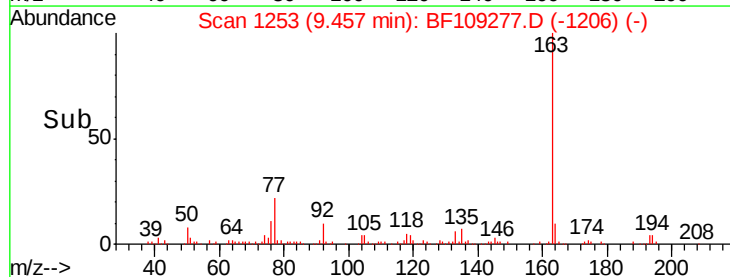


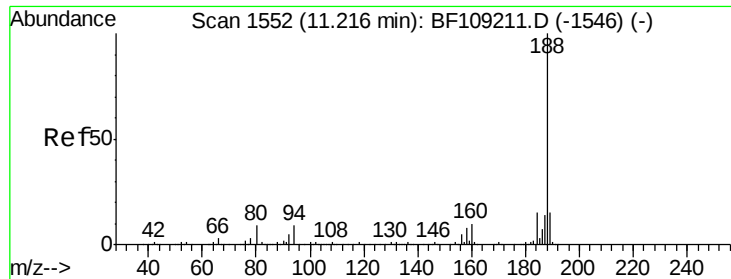
#49
 Dimethylphthalate
 Concen: 7.433 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109277.D
 Acq: 24 Sep 2018 19:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	9.9	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

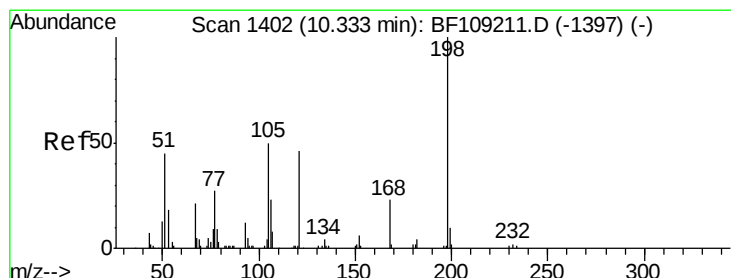
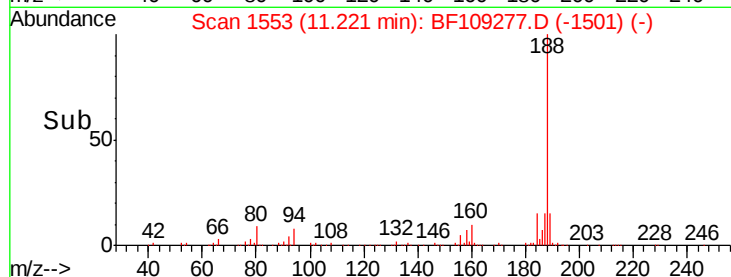
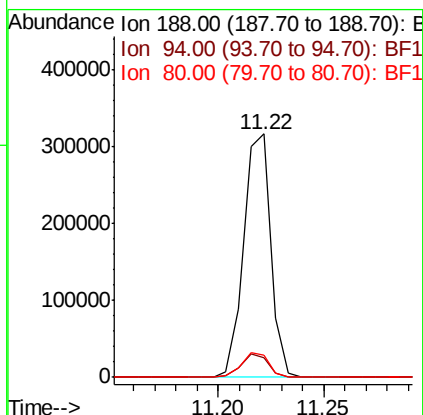
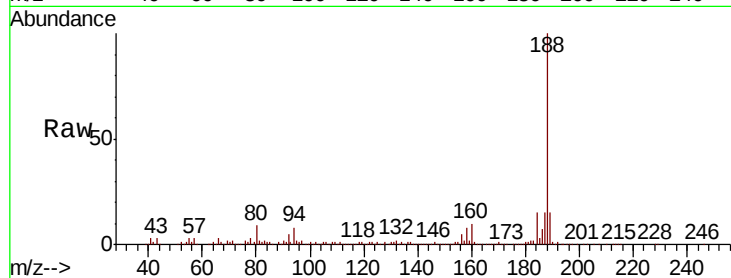




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.01 min
 Lab File: BF109277.D
 Acq: 24 Sep 2018 19:29

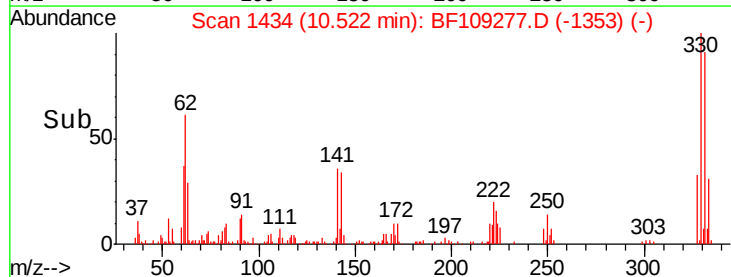
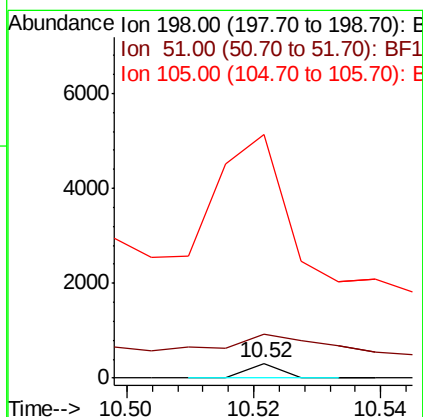
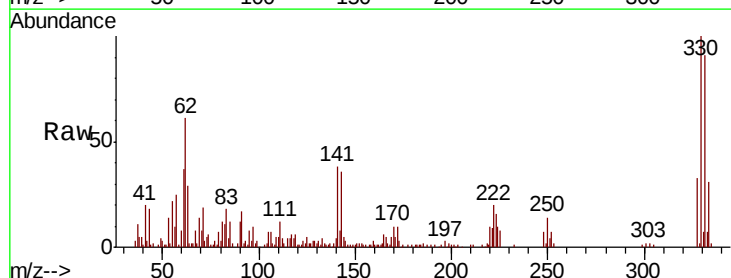
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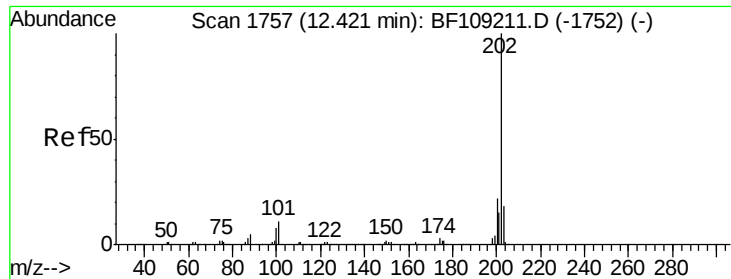
Tgt Ion:188 Resp: 282116
 Ion Ratio Lower Upper
 188 100
 94 8.2 8.5 12.7#
 80 9.2 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.602 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109277.D
 Acq: 24 Sep 2018 19:29

Tgt Ion:198 Resp: 108
 Ion Ratio Lower Upper
 198 100
 51 297.7 37.7 77.7#
 105 1672.3 36.3 76.3#





#74

Fluoranthene

Concen: 3.870 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.23 min

Lab File: BF109277.D

Acq: 24 Sep 2018 19:29

Instrument :

BNA_F

ClientSampleId :

JC-02-092118-I

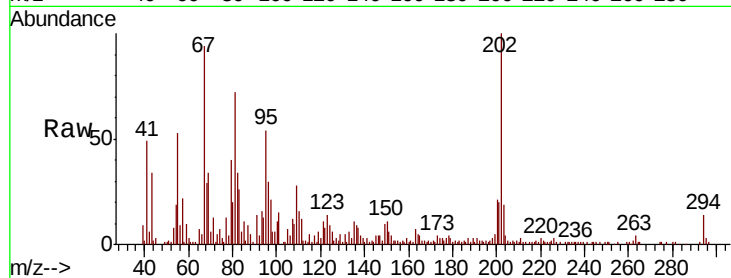
Tgt Ion:202 Resp: 58255

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.1

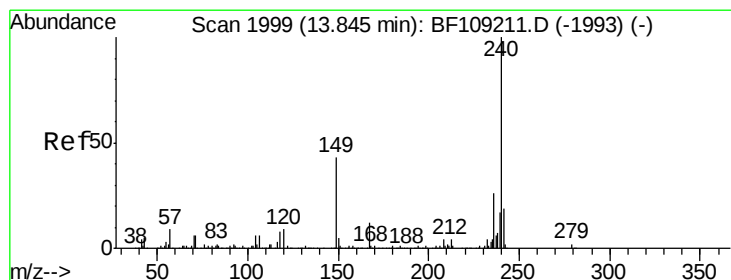
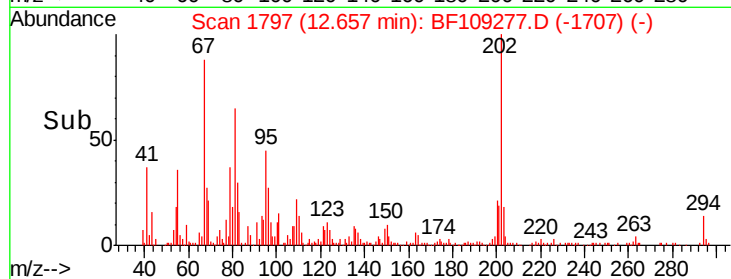
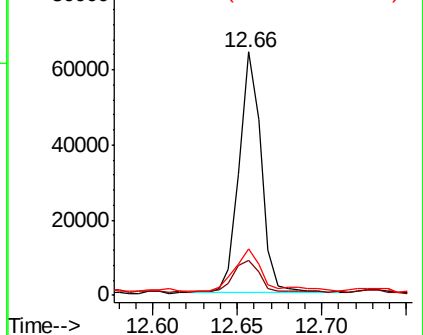
203 19.0 0.0 38.1



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: BF109277.D

Acq: 24 Sep 2018 19:29

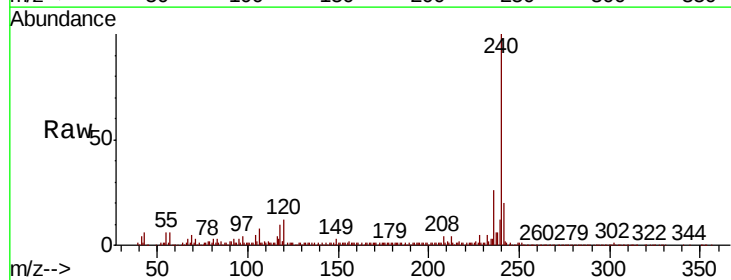
Tgt Ion:240 Resp: 219213

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

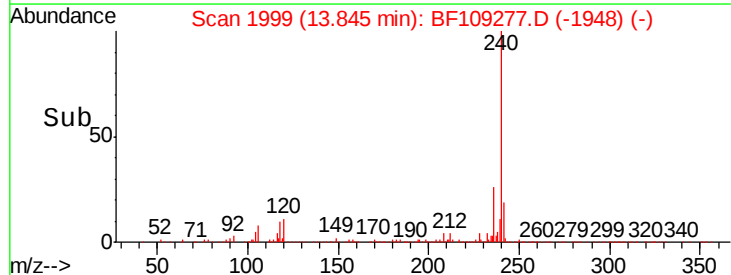
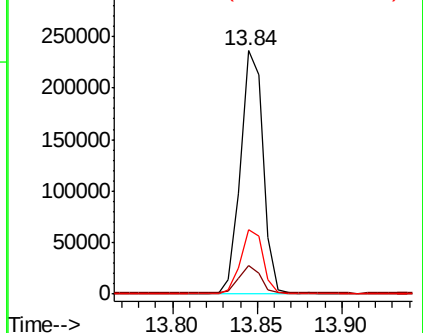
236 26.4 20.7 31.1

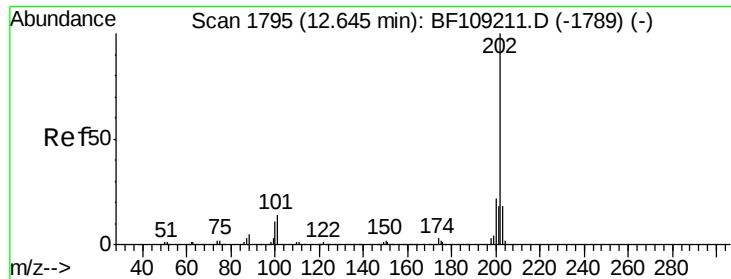


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

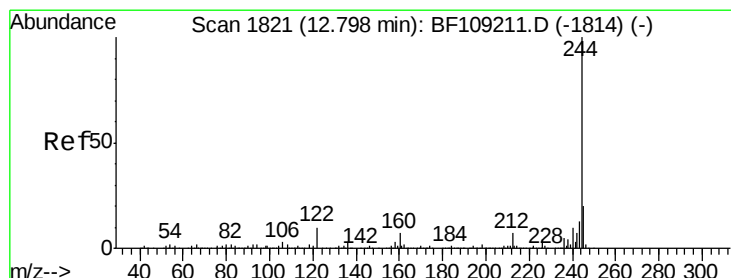
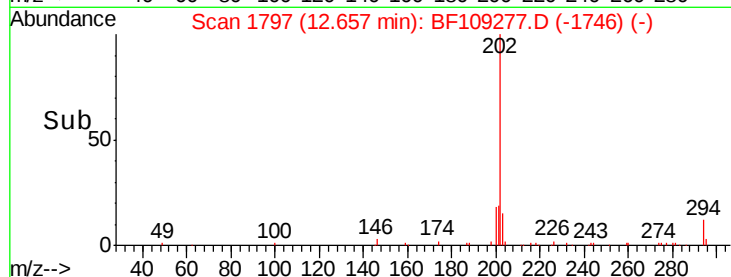
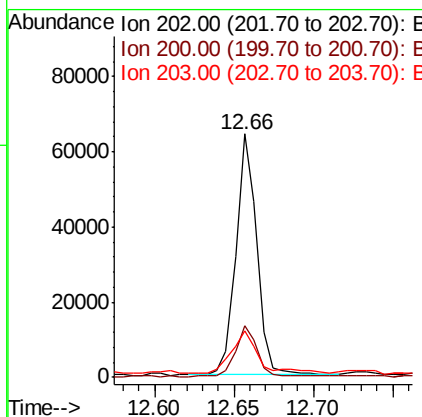
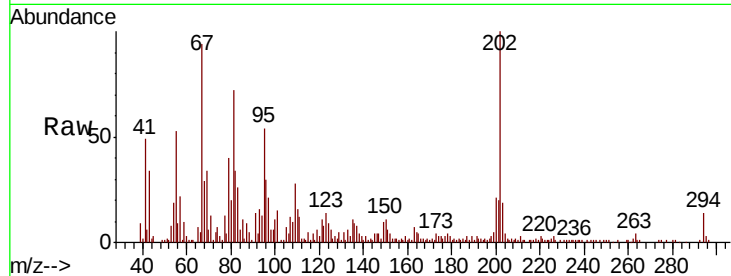




#77
 Pyrene
 Concen: 3.709 ng
 RT: 12.66 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BF109277.D
 Acq: 24 Sep 2018 19:29

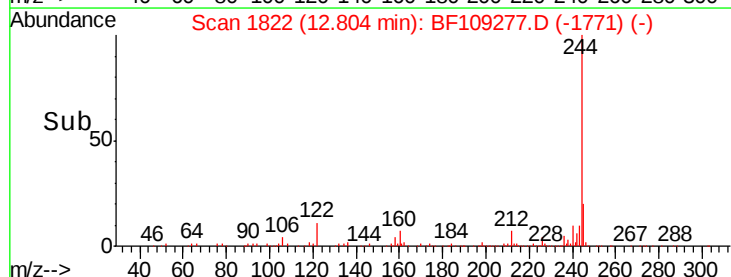
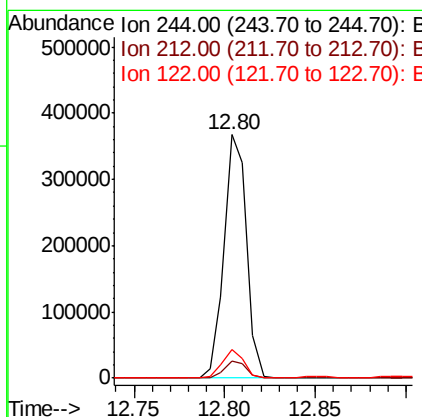
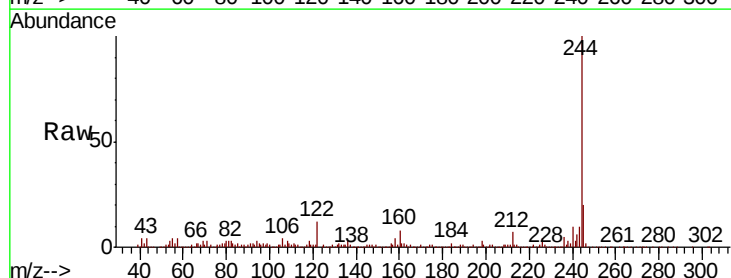
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-092118-I

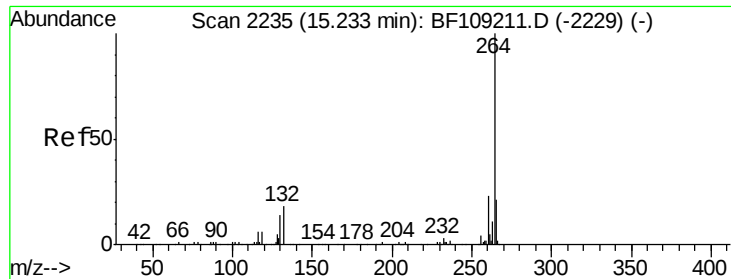
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	19.0	14.3	21.5



#78
 Terphenyl-d14
 Concen: 35.524 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: BF109277.D
 Acq: 24 Sep 2018 19:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.9	11.0	16.4

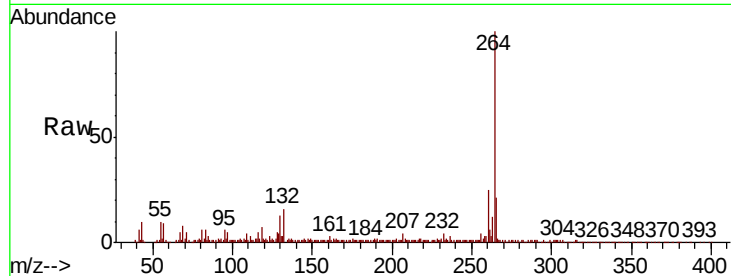




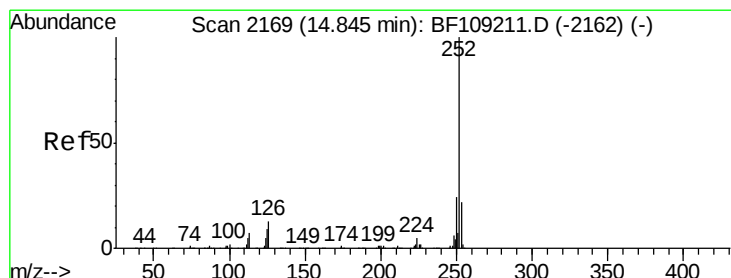
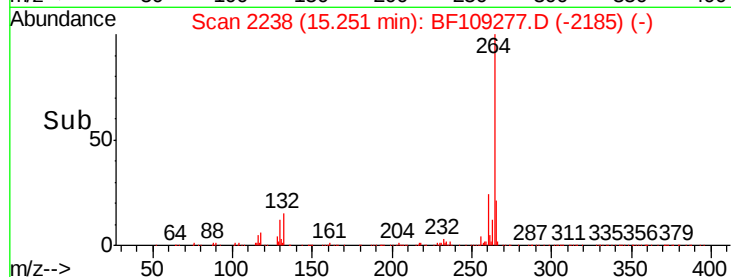
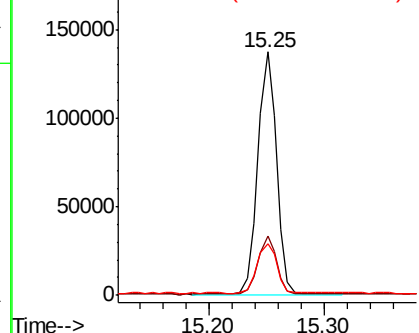
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109277.D
Acq: 24 Sep 2018 19:29

Instrument :
BNA_F
ClientSampleId :
JC-02-092118-I

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.4	17.5	26.3

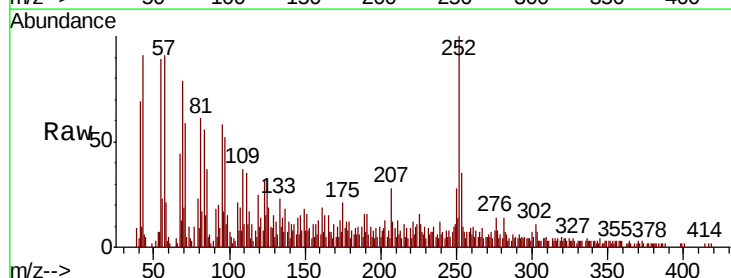


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

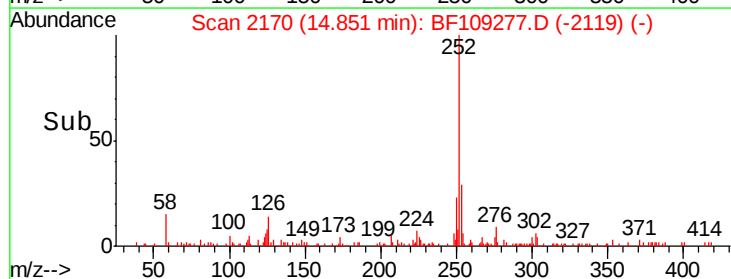
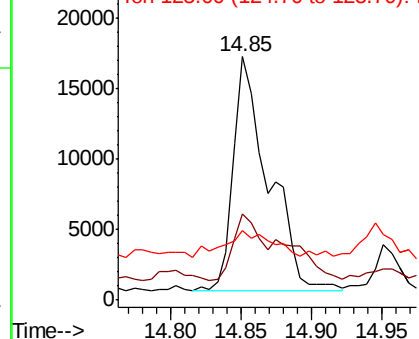


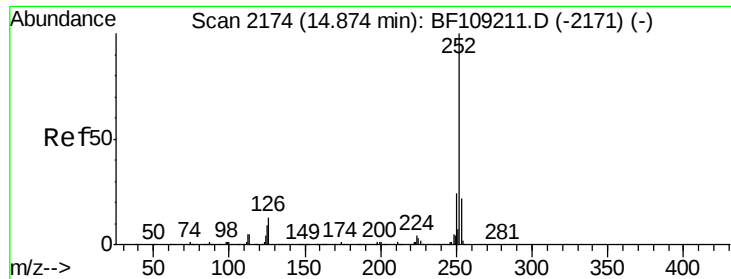
#87
Benzo(b)fluoranthene
Concen: 3.425 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF109277.D
Acq: 24 Sep 2018 19:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.3	17.0	25.6#
125	28.4	9.0	13.6#



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





#88

Benzo(k)fluoranthene

Concen: 3.610 ng

RT: 14.85 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BF109277.D

Acq: 24 Sep 2018 19:29

Instrument :

BNA_F

ClientSampleId :

JC-02-092118-I

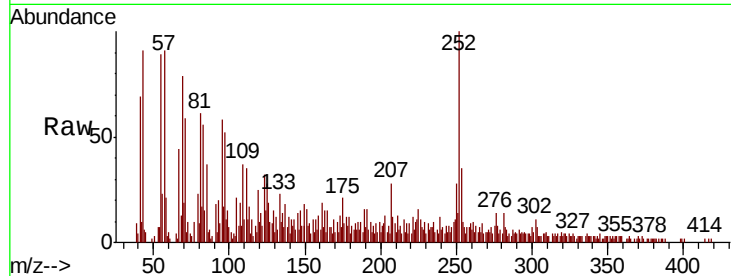
Tgt Ion: 252 Resp: 29131

Ion Ratio Lower Upper

252 100

253 35.3 17.9 26.9#

125 28.4 10.2 15.2#



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

