

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

Manual Integrations
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Sohil
 9/26/2018 11:34:34 AM

Quant Time: Sep 25 12:14:59 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						
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						
49) Dimethylphthalate	9.46	163	78640	7.433	ng	Qvalue # 99
74) Fluoranthene	12.43	202	43076m	2.862	ng	
77) Pyrene	12.66	202	58271	3.709	ng	98
87) Benzo(b)fluoranthene	14.85	252	22583m	2.655	ng	

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

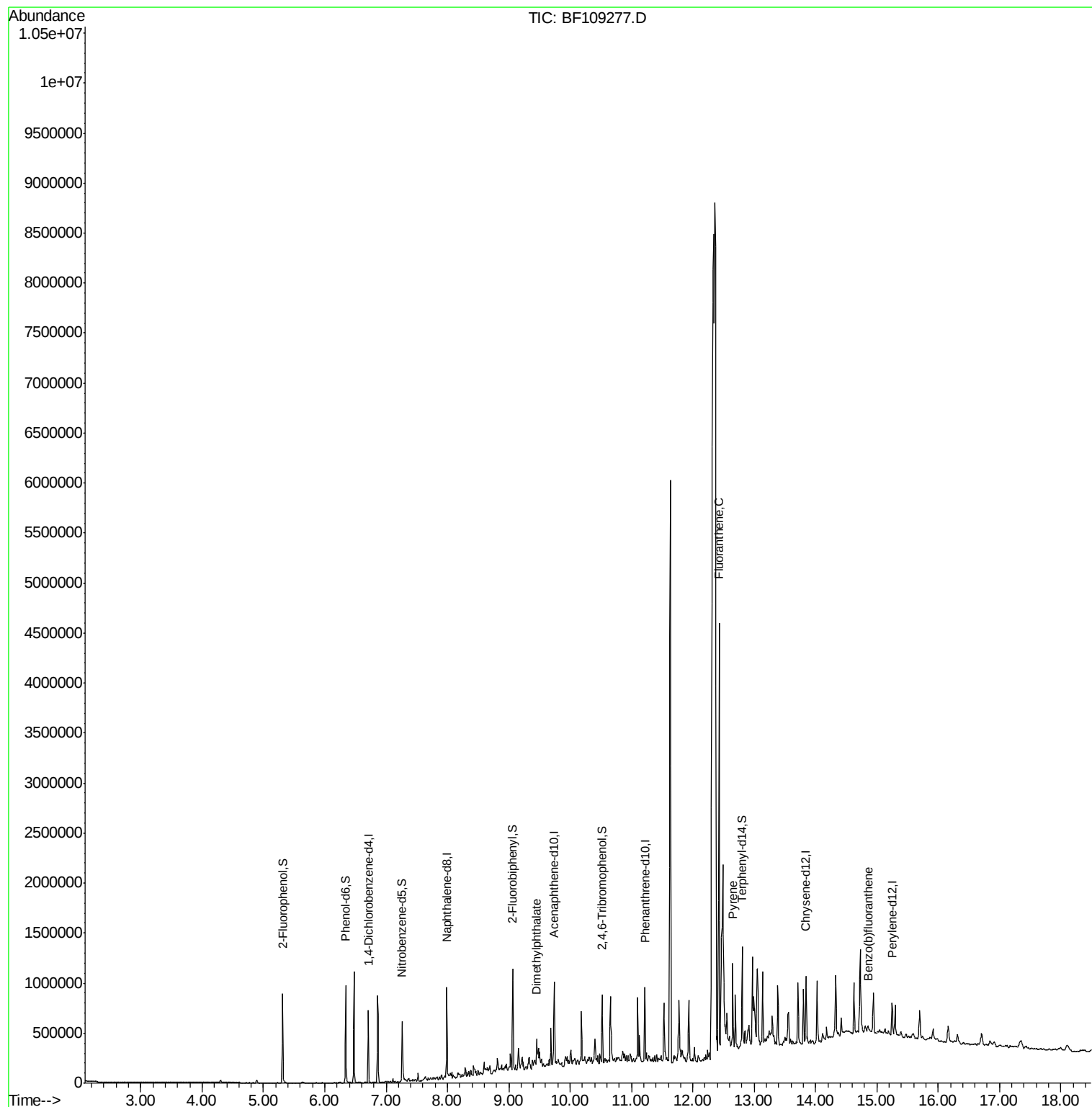
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
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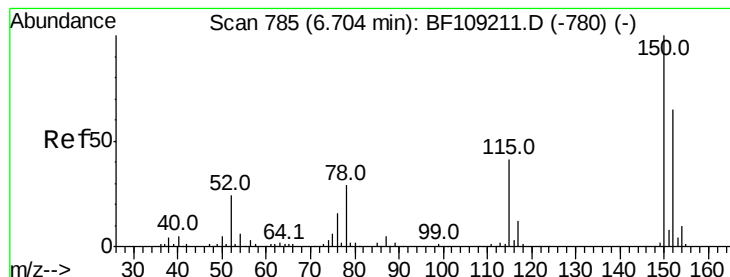
Instrument :
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JC-02-092118-I

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#1

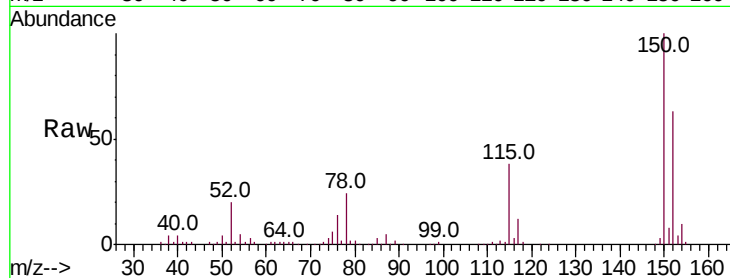
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF109277.D
Acq: 24 Sep 2018 19:29

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	60.3	50.1	75.1

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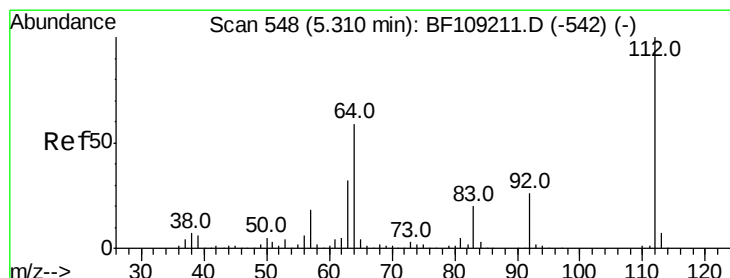
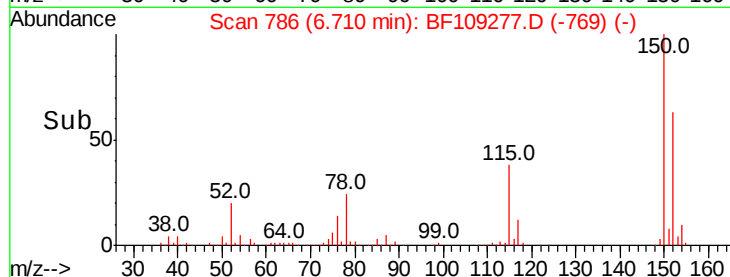
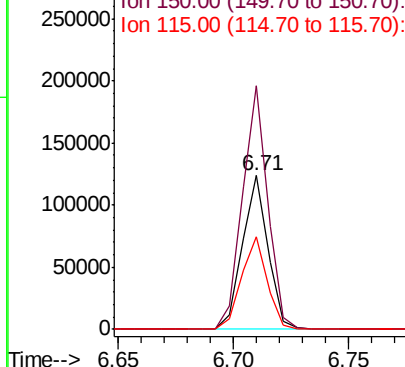


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

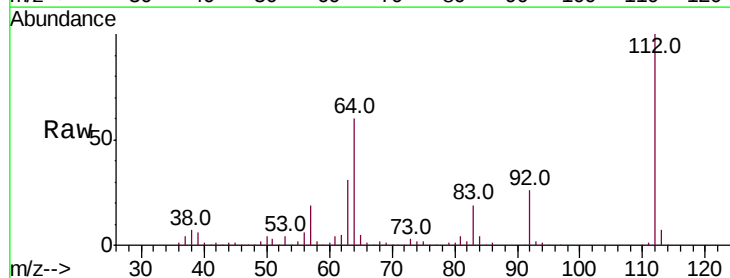
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 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	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	31.2	23.7	35.5

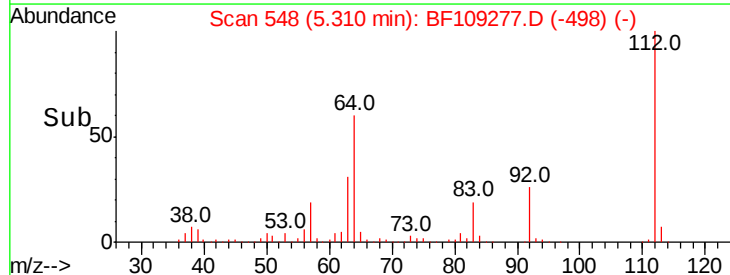
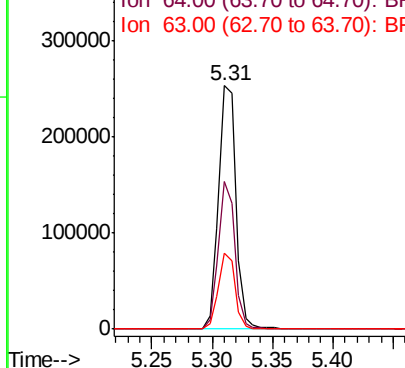


Abundance

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

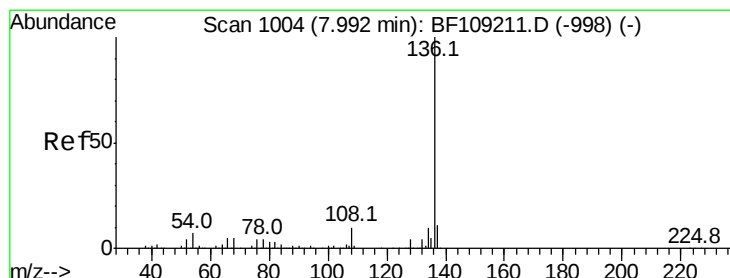
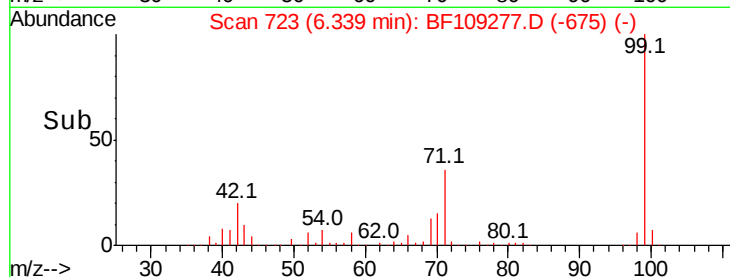
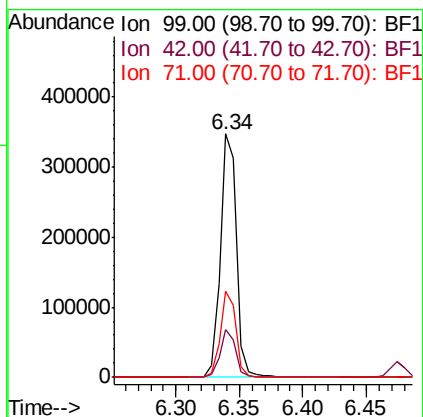
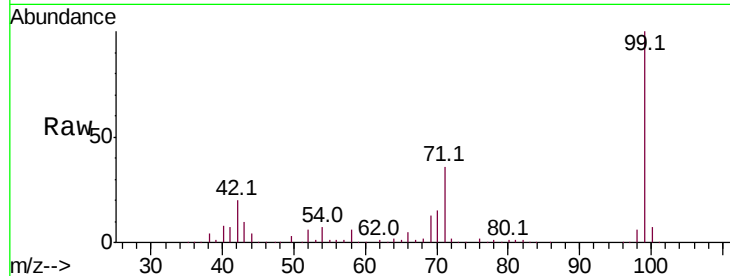
ClientSampled :

JC-02-092118-I

Tot Ion:	99	Resp:	309833
Ion Ratio	Lower	Upper	
99	100		
42	19.8	14.5	21.7
71	35.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

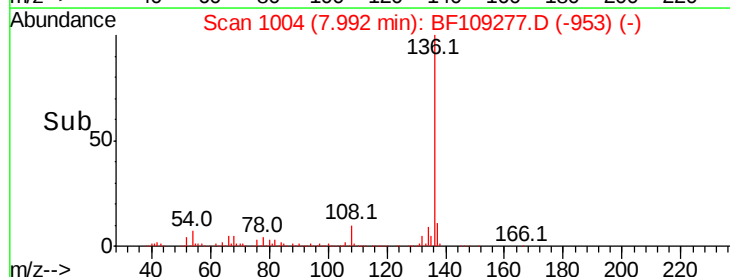
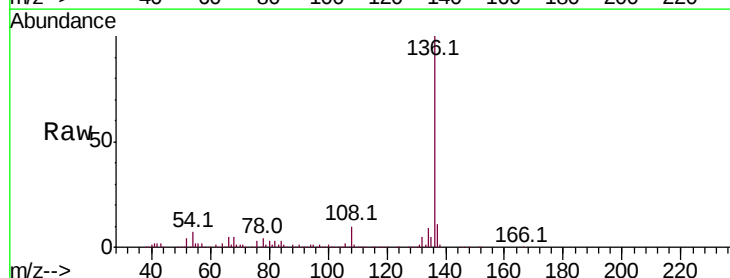
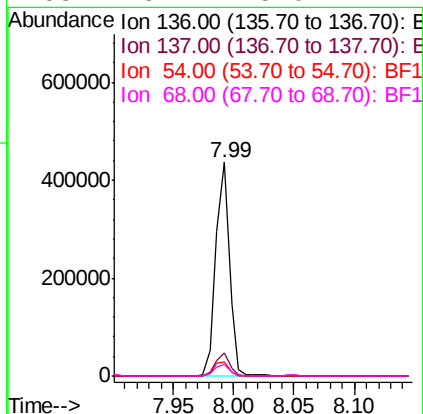
RT: 7.99 min Scan# 1004

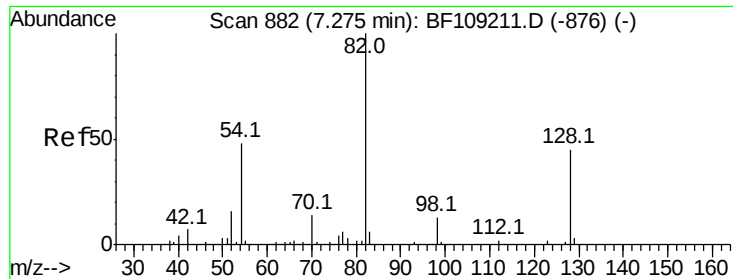
Delta R.T. -0.00 min

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





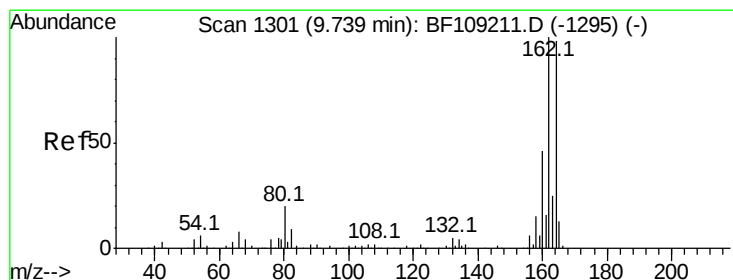
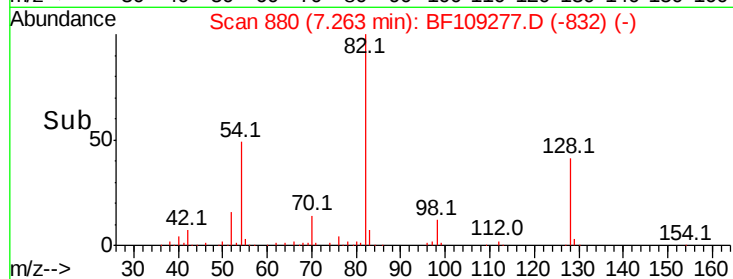
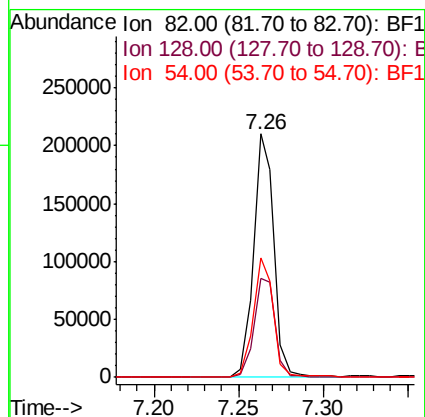
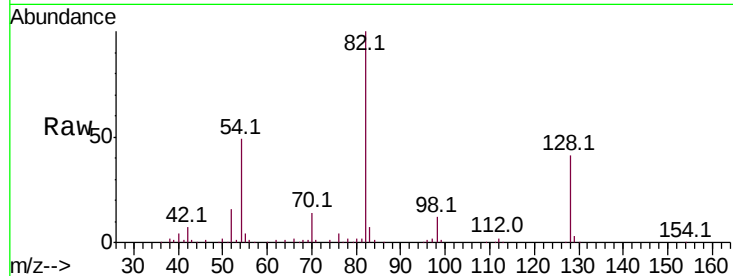
#23
 Nitrobenzene-d5
 Concen: 30.986 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109277.D
 Acq: 24 Sep 2018 19:29

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

Tot Ion	82	Resp	178276
Ion Ratio	Lower	Upper	
82	100		
128	40.8	36.1	54.1
54	49.2	41.4	62.2

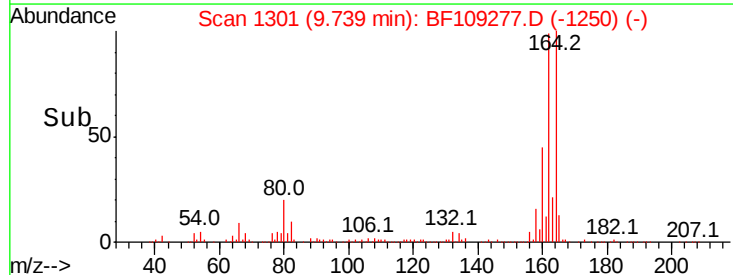
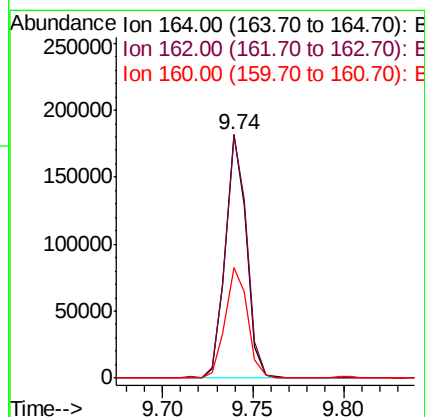
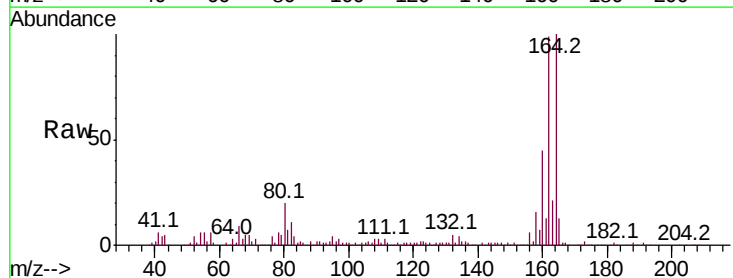
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF109277.D
 Acq: 24 Sep 2018 19:29

Tgt Ion	164	Resp	145451
Ion Ratio	Lower	Upper	
164	100		
162	99.5	86.1	129.1
160	45.4	38.3	57.5





#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

Instrument :

BNA_F

ClientSampleId :

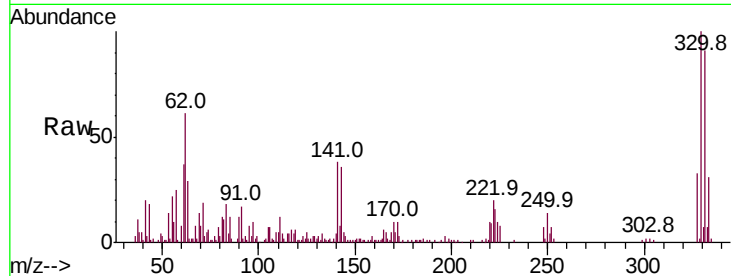
JC-02-092118-I

Tot Ion:	330	Resp:	66968
Ion Ratio	Lower	Upper	
330	100		
332	95.0	77.0	115.6
141	32.3	29.9	44.9

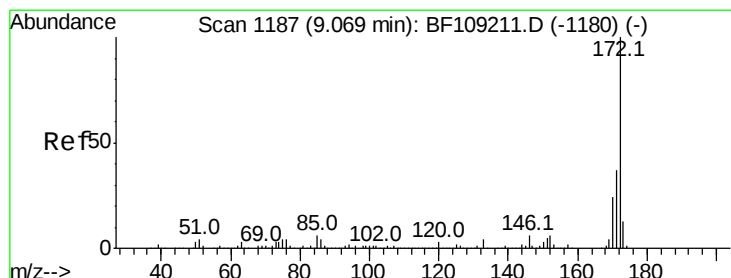
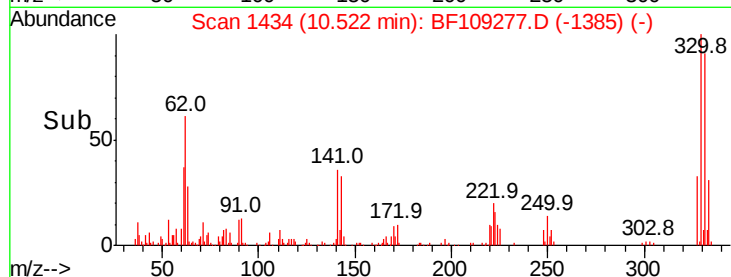
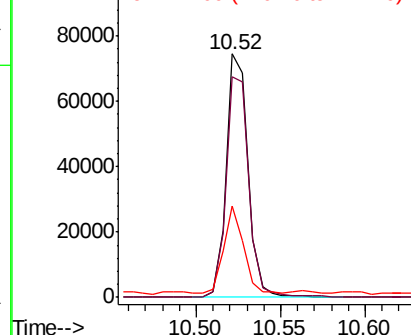
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 31.987 ng

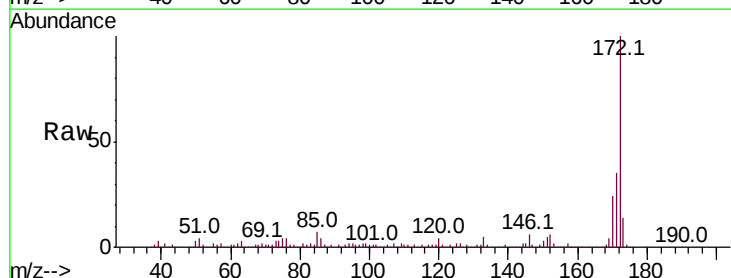
RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

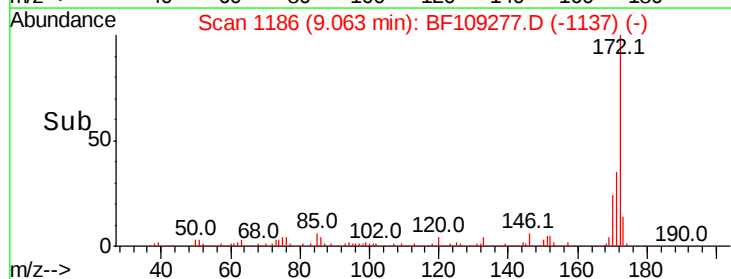
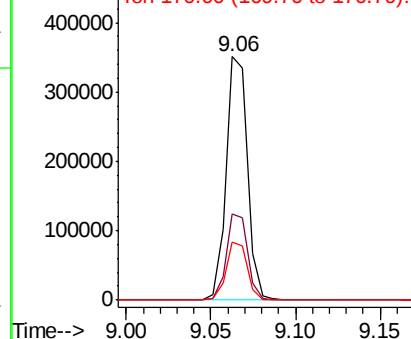
Lab File: BF109277.D

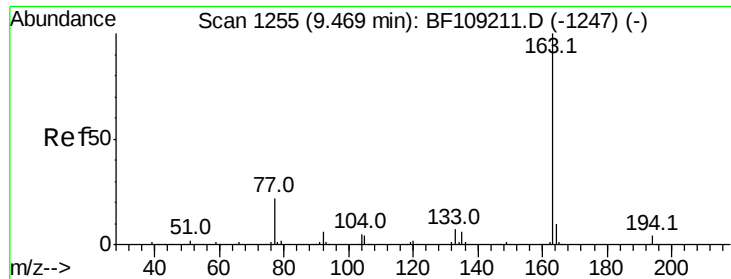
Acq: 24 Sep 2018 19:29

Tgt Ion:	172	Resp:	308483
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





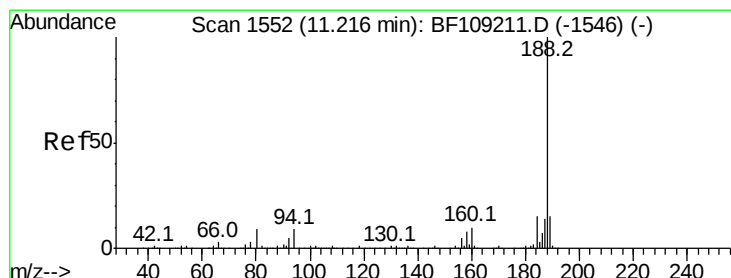
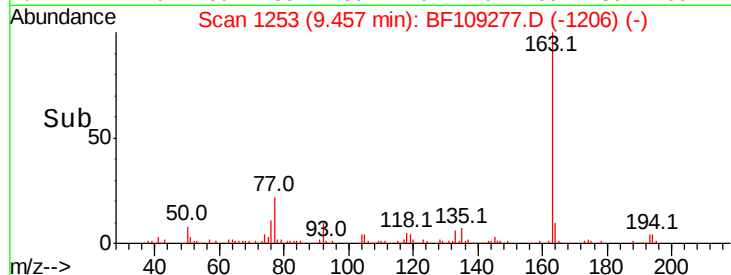
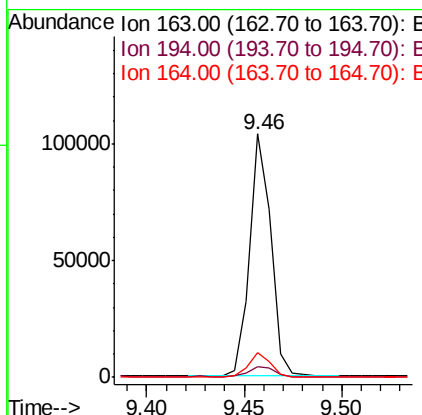
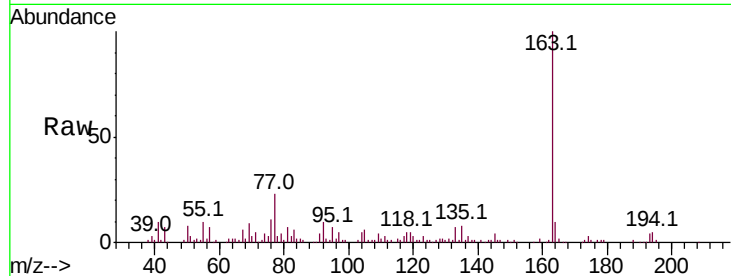
#49
Dimethylphthalate
Concen: 7.433 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109277.D
Acq: 24 Sep 2018 19:29

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	78640		
194	4.5		2.7	4.1#
164	9.9		8.2	12.2

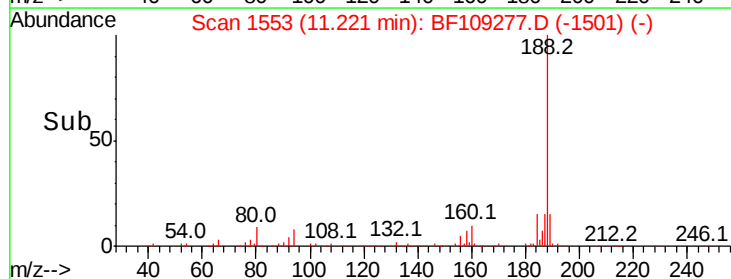
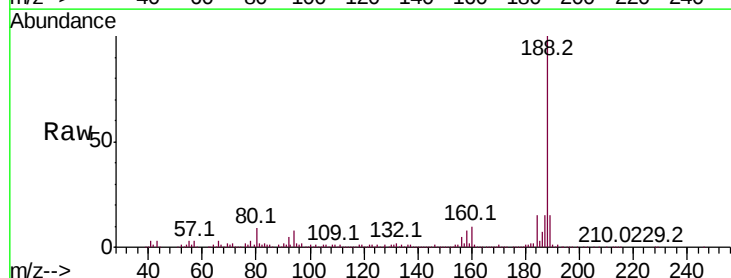
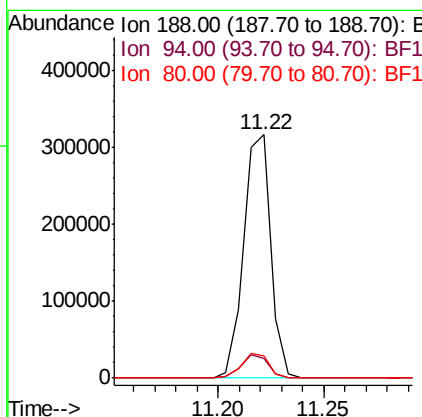
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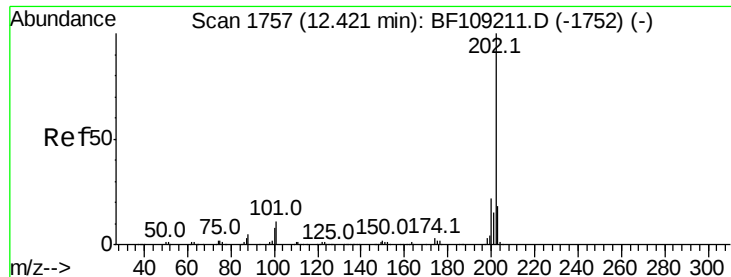
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF109277.D
Acq: 24 Sep 2018 19:29

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





#74

Fluoranthene

Concen: 2.862 ng

RT: 12.43 min Scan# 1758

Delta R.T. -0.00 min

Lab File: BF109277.D

Acq: 24 Sep 2018 19:29

Instrument :

BNA_F

ClientSampleId :

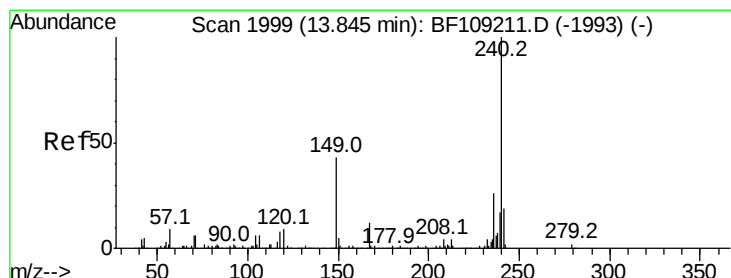
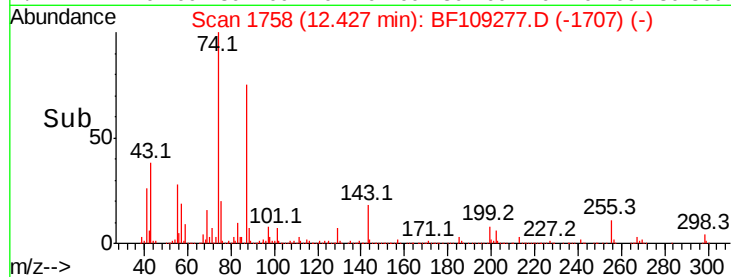
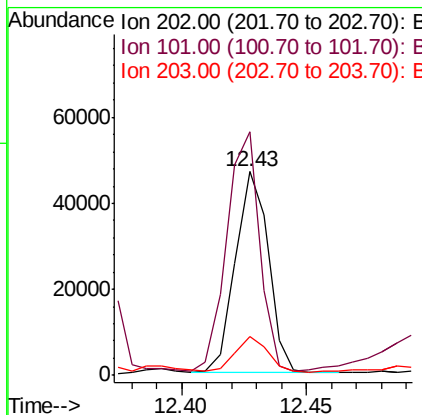
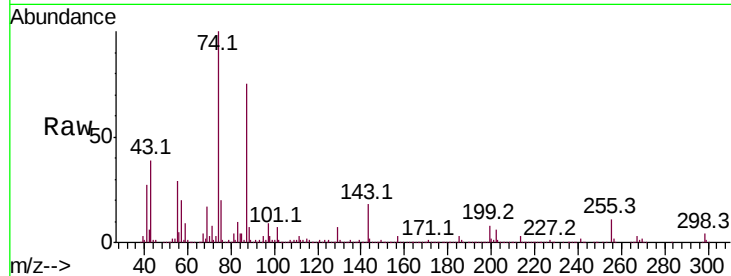
JC-02-092118-I

Tot Ion:	202	Resp:	43076
Ion Ratio	Lower	Upper	
202	100		
101	119.5	0.0	34.1#
203	19.3	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

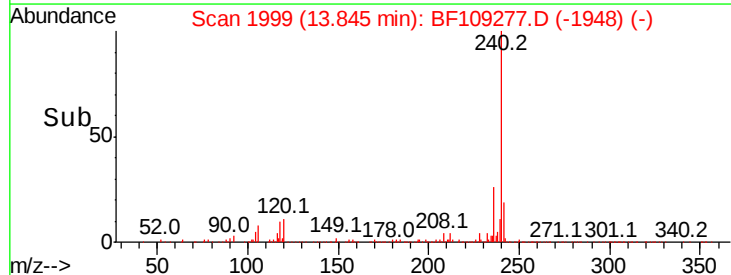
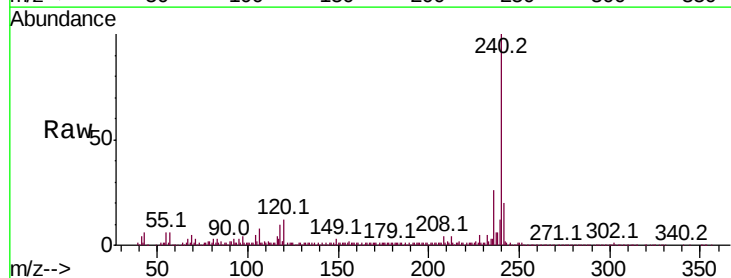
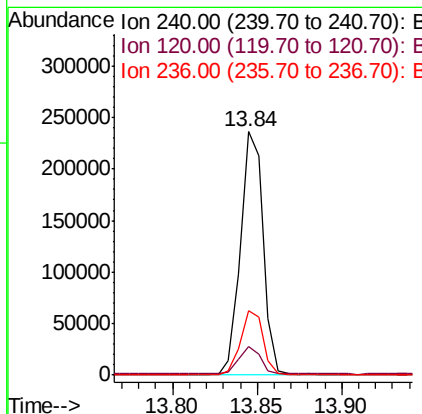
RT: 13.84 min Scan# 1999

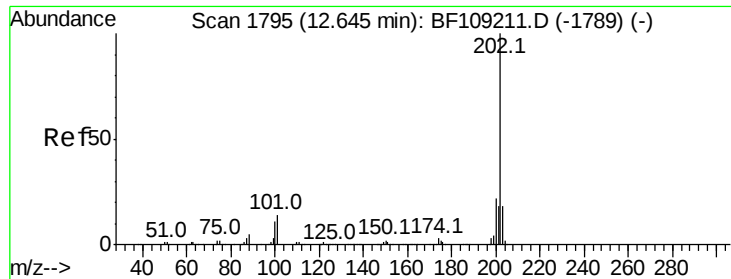
Delta R.T. -0.00 min

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





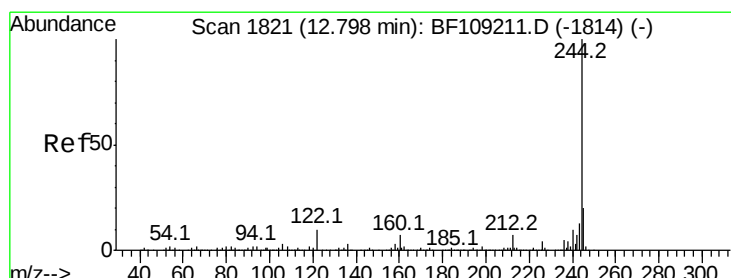
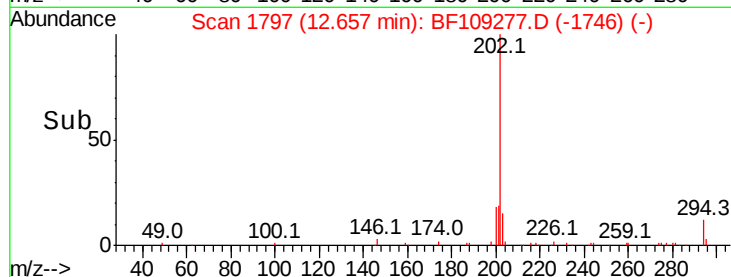
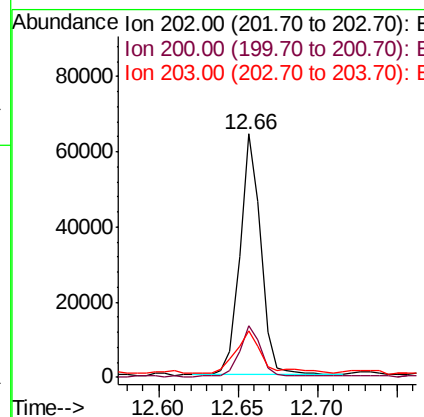
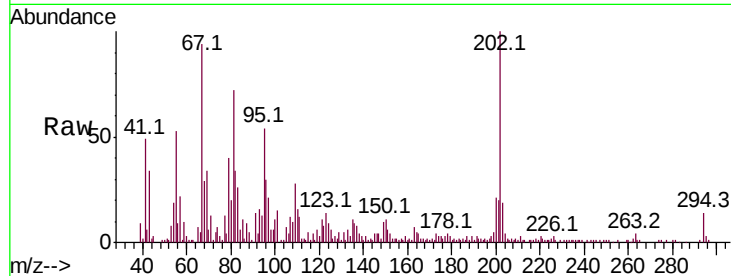
#77
Pvrene
Concen: 3.709 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BF109277.D
Acq: 24 Sep 2018 19:29

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

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

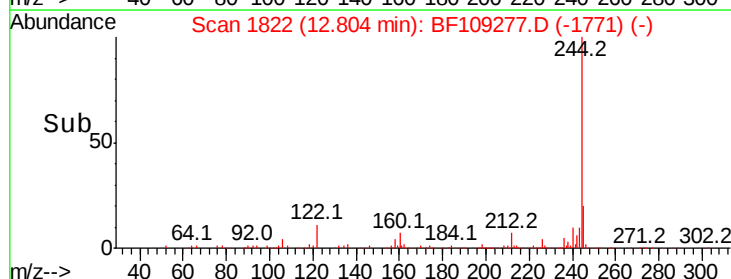
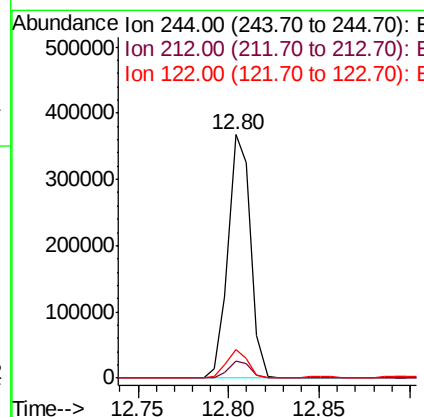
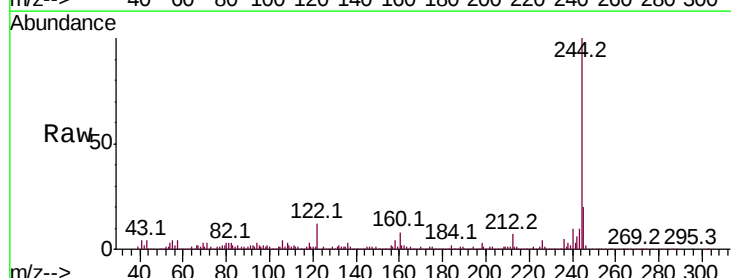
Manual Integrations
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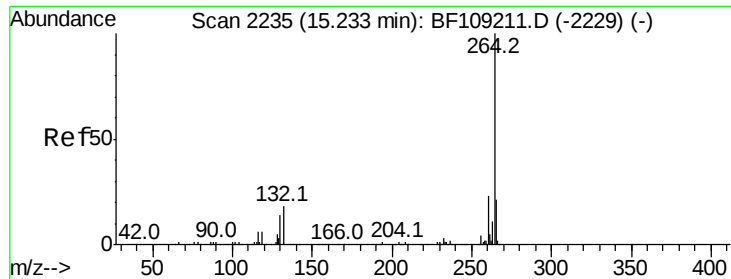
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#78
Terphenyl-d14
Concen: 35.524 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BF109277.D
Acq: 24 Sep 2018 19:29

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





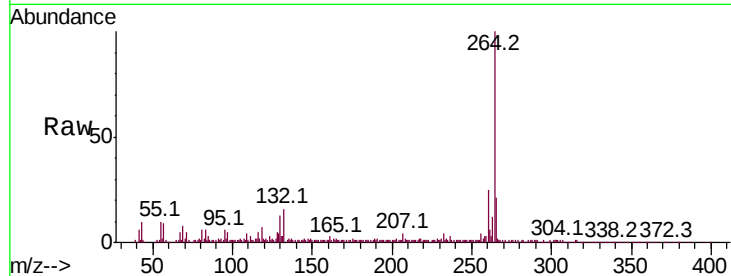
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109277.D
Acq: 24 Sep 2018 19:29

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

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

Manual Integrations
APPROVED

Sohil
9/26/2018 11:34:34 AM

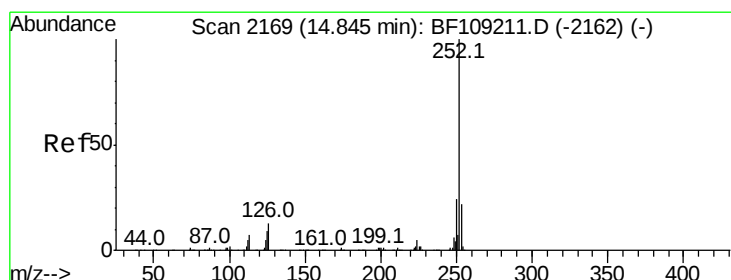
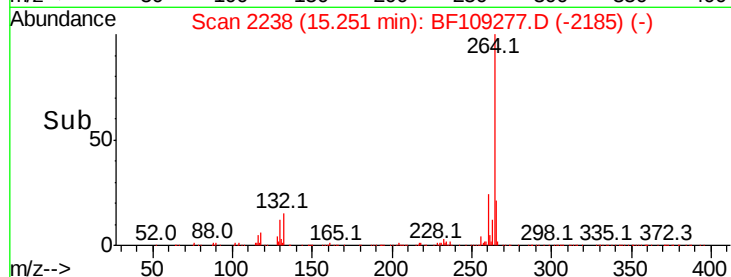
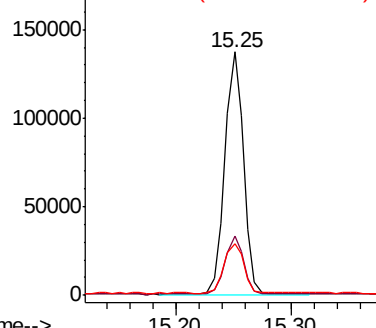


Abundance

Ion 264.00 (263.70 to 264.70): E

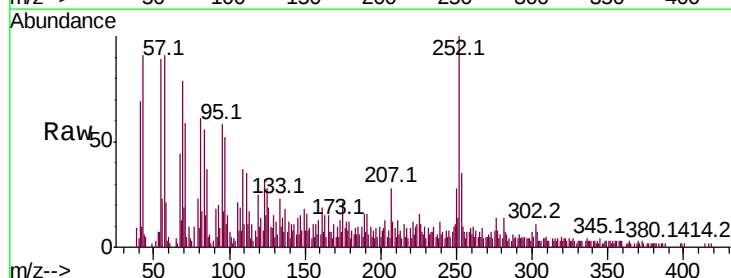
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 2.655 ng m
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

