

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109288.D
 Acq On : 25 Sep 2018 16:25
 Operator : JU/SJ
 Sample : J4774-05 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-092418

Manual Integrations
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 9/26/2018 3:41:50 PM

Quant Time: Sep 26 02:30:10 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	121802	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	474854	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	222352	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	361736	20.00	ng	0.00
75) Chrysene-d12	13.84	240	307230	20.00	ng	0.00
86) Perylene-d12	15.25	264	260162	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	63340	8.57	ng	0.00
7) Phenol-d6	6.34	99	82312	8.72	ng	-0.02
23) Nitrobenzene-d5	7.26	82	48195	5.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	15730	7.18	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	102182	6.93	ng	-0.01
78) Terphenyl-d14	12.80	244	80043	6.39	ng	0.00
Target Compounds						
70) Phenanthrene	11.24	178	63324	3.506	ng	Qvalue 96
74) Fluoranthene	12.42	202	81011	4.197	ng	97
77) Pyrene	12.65	202	74379	3.378	ng	97
87) Benzo(b)fluoranthene	14.85	252	36768m	2.572	ng	
89) Benzo(a)pyrene	15.19	252	26027	2.020	ng	# 91

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

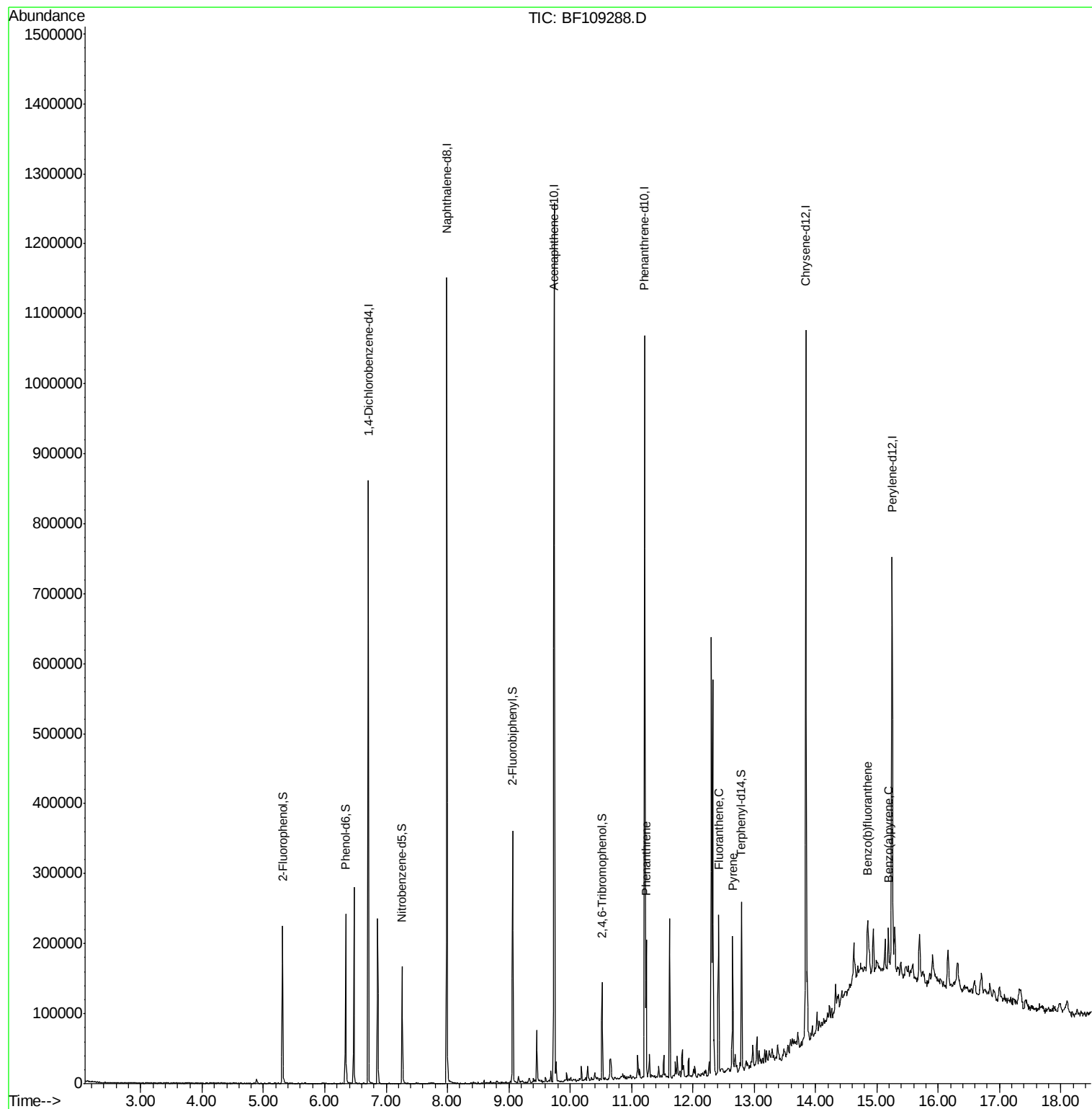
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109288.D
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Operator : JU/SJ
Sample : J4774-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

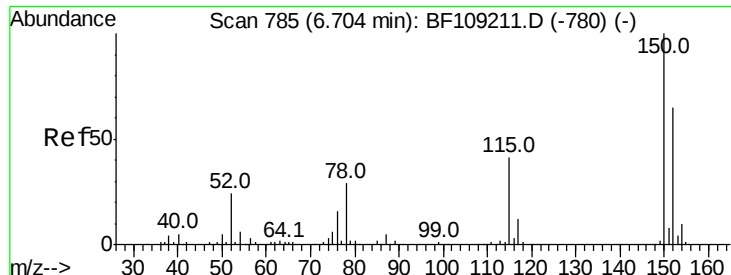
Instrument :
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ClientSampleId :
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Quant Time: Sep 26 02:30:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
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QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration





#1

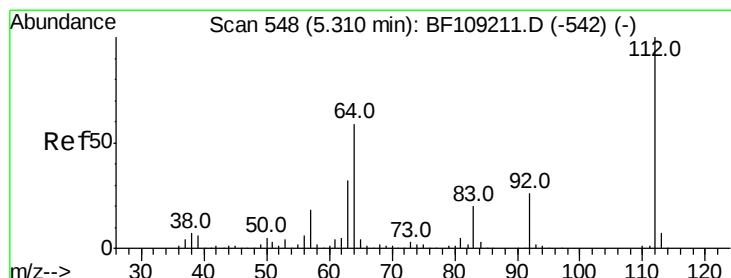
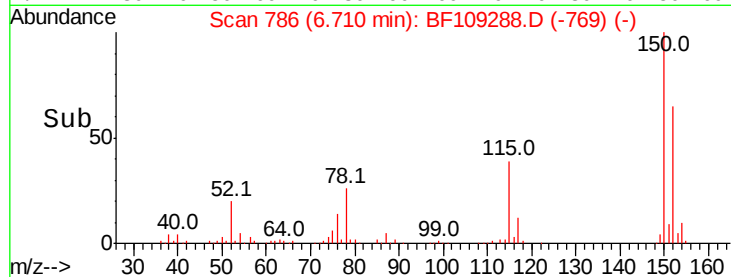
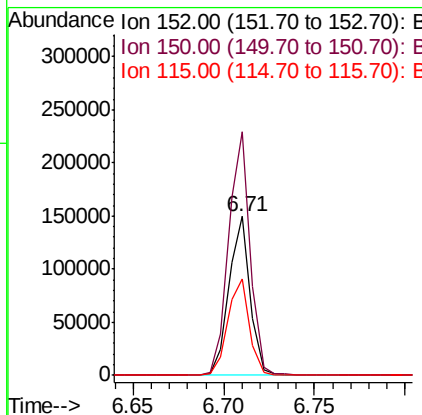
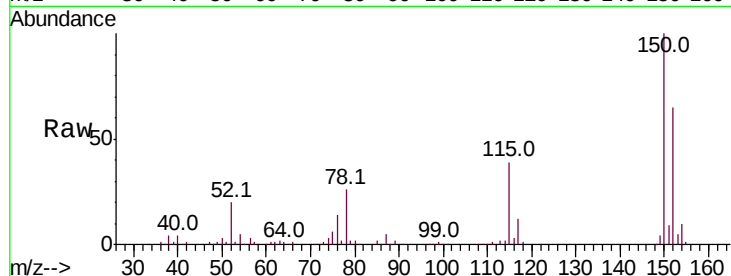
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109288.D
 Acq: 25 Sep 2018 16:25

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-092418

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	60.4	50.1	75.1

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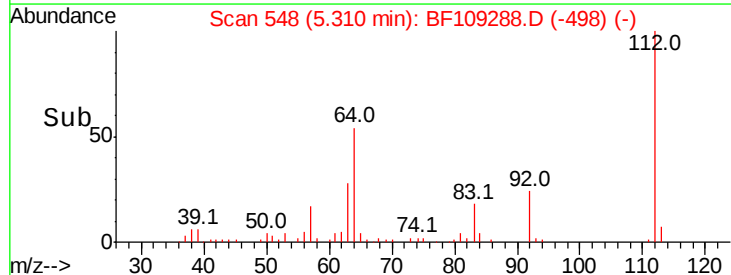
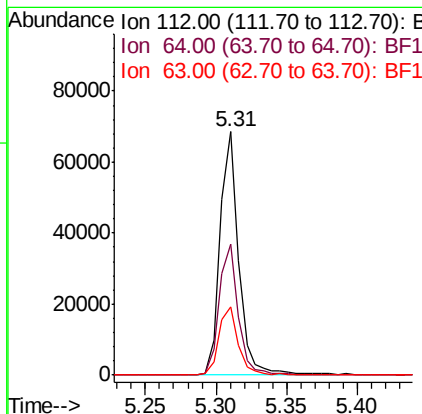
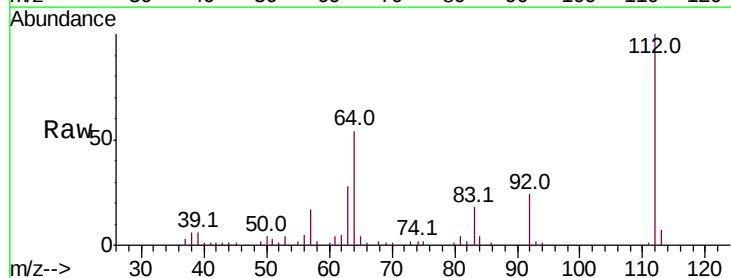
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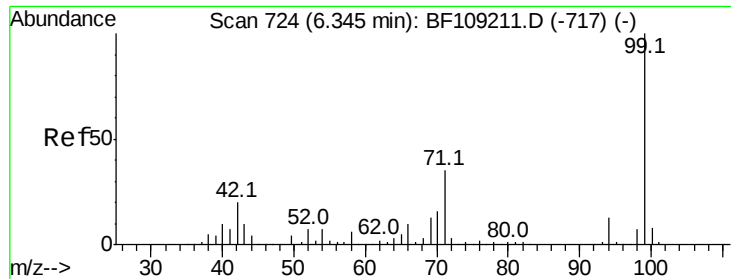


#5

2-Fluorophenol
 Concen: 8.565 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109288.D
 Acq: 25 Sep 2018 16:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	47.9	71.9
63	27.9	23.7	35.5





#7

Phenol-d6

Concen: 8.723 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109288.D

Acq: 25 Sep 2018 16:25

Instrument :

BNA_F

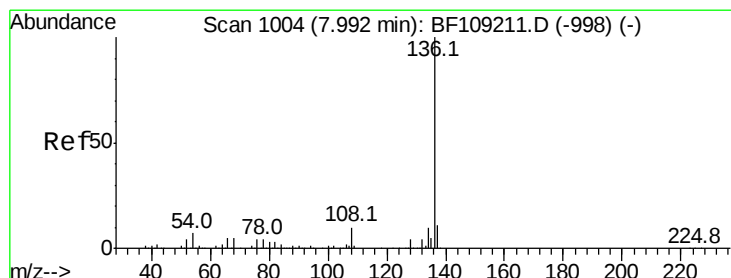
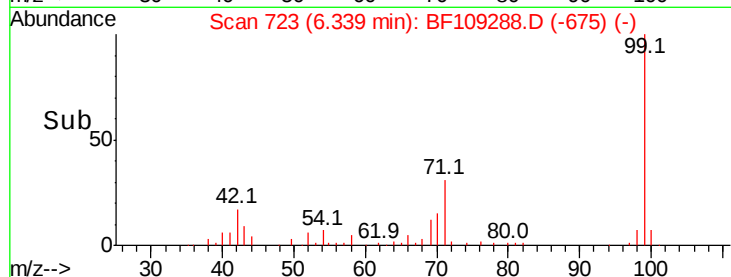
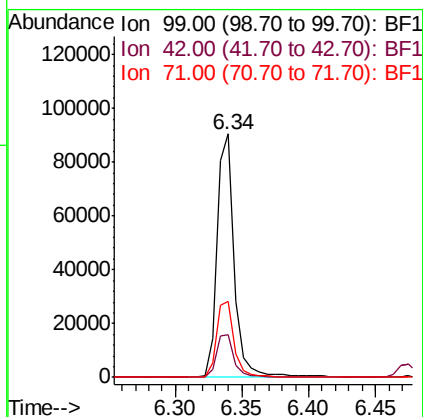
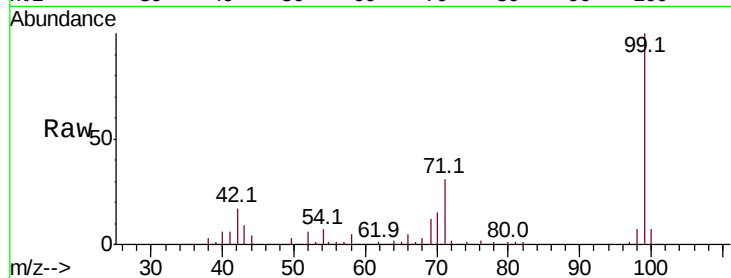
ClientSampleId :

OK-03-092418

Tot Ion:	99	Resp:	82312
Ion Ratio	Lower	Upper	
99	100		
42	17.3	14.5	21.7
71	31.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

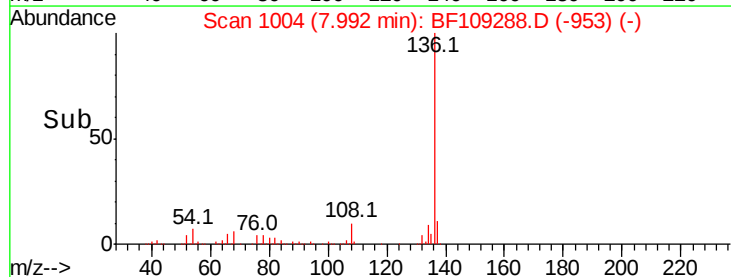
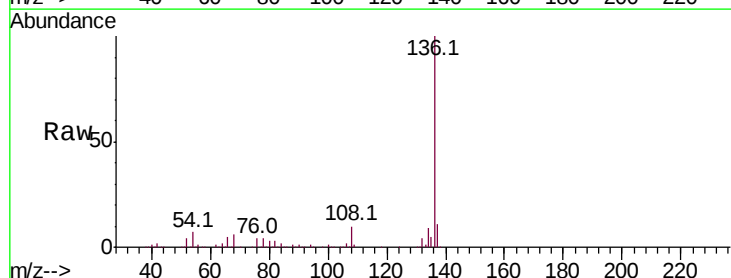
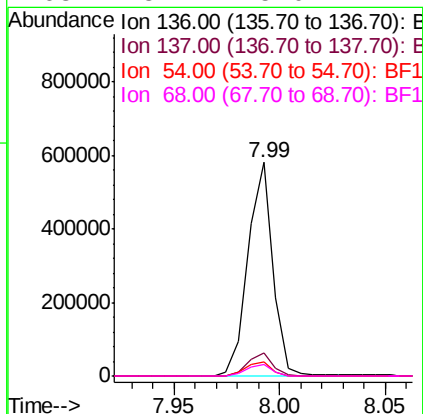
RT: 7.99 min Scan# 1004

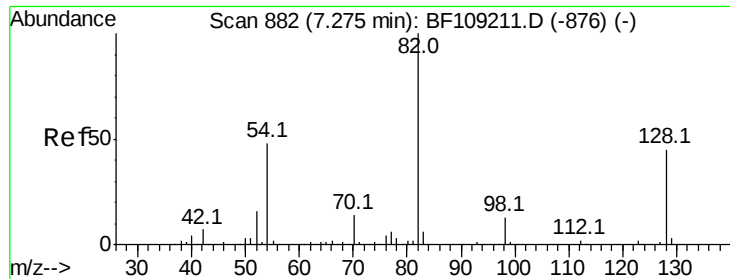
Delta R.T. 0.00 min

Lab File: BF109288.D

Acq: 25 Sep 2018 16:25

Tgt Ion:	136	Resp:	474854
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	6.9	6.6	9.8
68	5.7	5.0	7.4





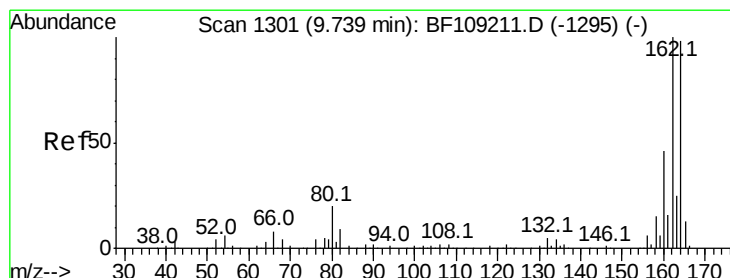
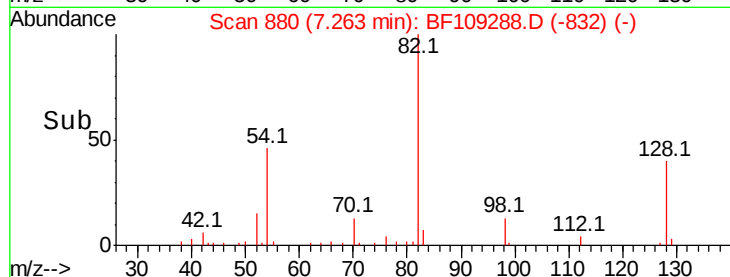
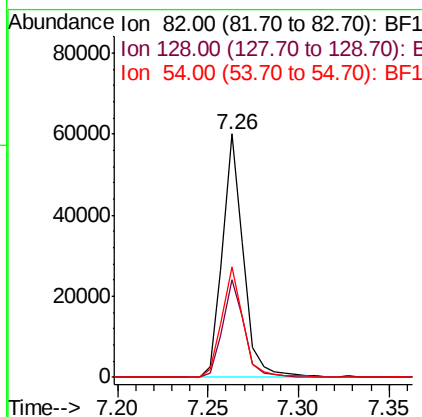
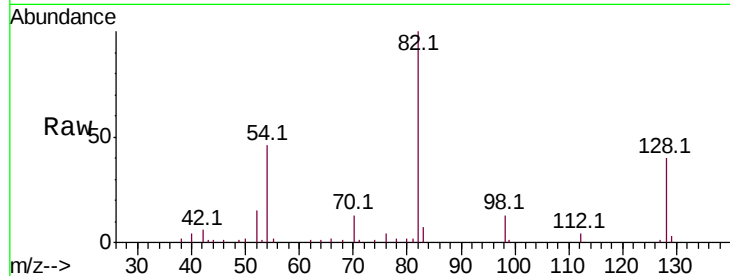
#23
Nitrobenzene-d5
Concen: 5.991 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109288.D
Acq: 25 Sep 2018 16:25

Instrument :
BNA_F
ClientSampleId :
OK-03-092418

Tot Ion	Ratio	Resp	Lower	Upper
82	100	48195		
128	40.2		36.1	54.1
54	45.6		41.4	62.2

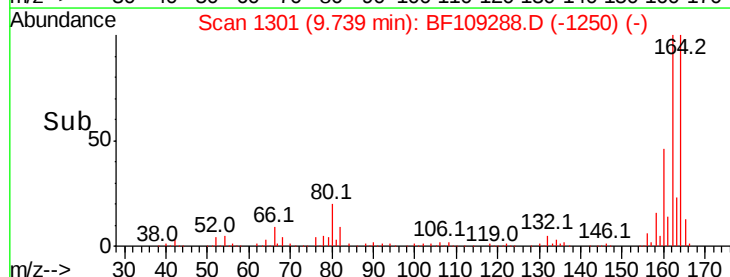
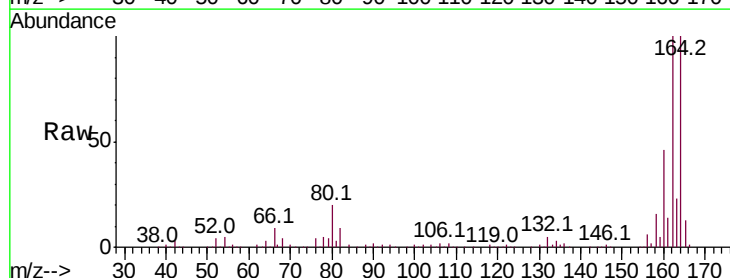
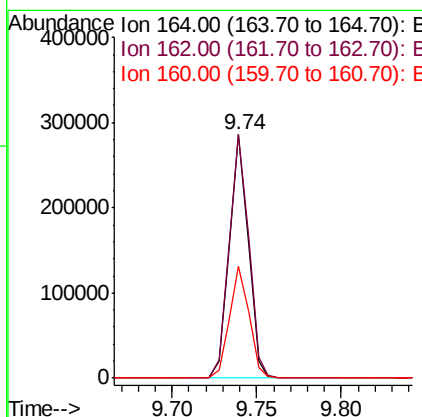
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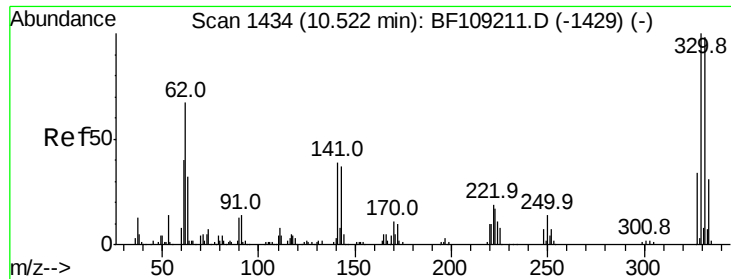
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109288.D
Acq: 25 Sep 2018 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	222352		
162	100.0		86.1	129.1
160	46.2		38.3	57.5





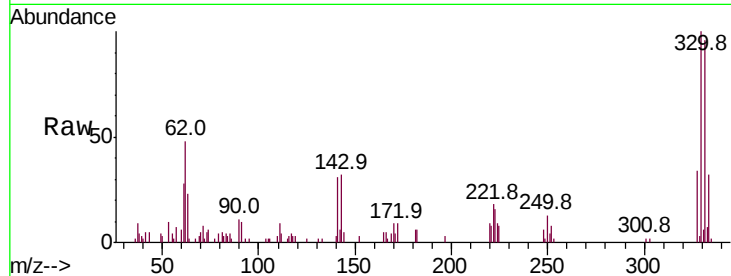
#41
 2,4,6-Tribromophenol
 Concen: 7.176 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109288.D
 Acq: 25 Sep 2018 16:25

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-092418

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.3	77.0	115.6	
141	33.8	29.9	44.9	

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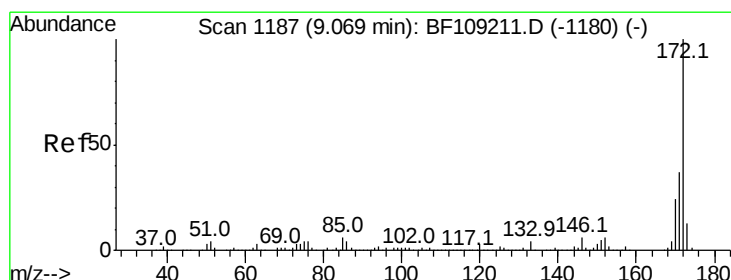
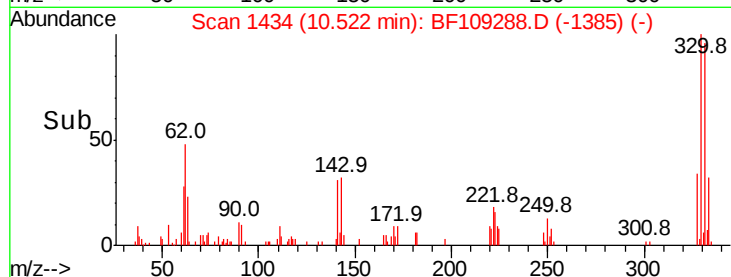
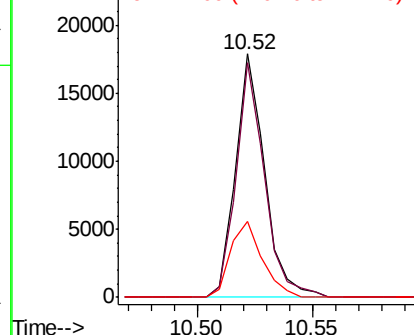


Abundance

Ion 329.80 (329.50 to 330.50): E

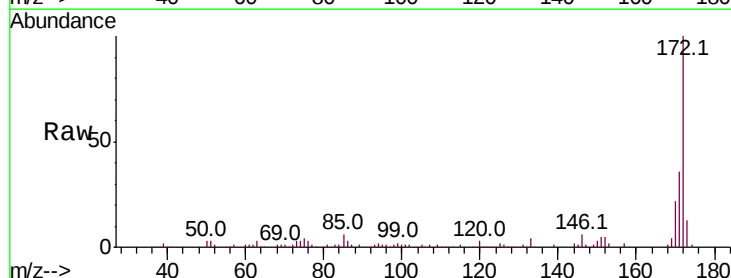
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 6.931 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109288.D
 Acq: 25 Sep 2018 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	29.7	44.5	
170	22.3	19.6	29.4	

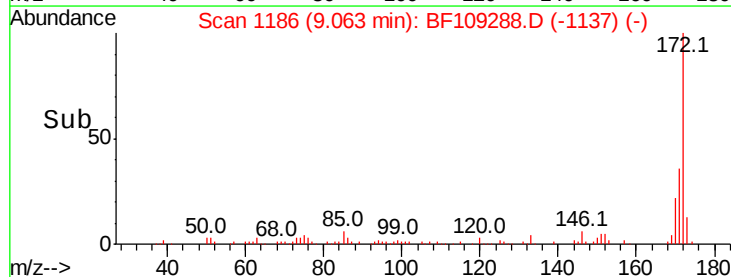
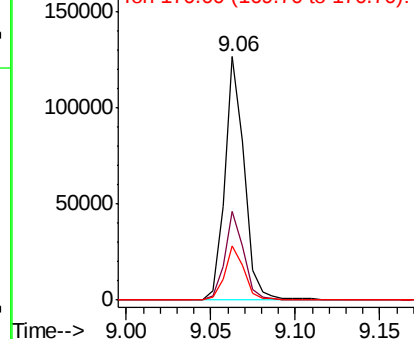


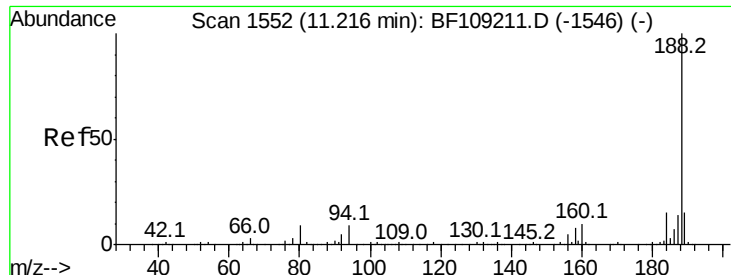
Abundance

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





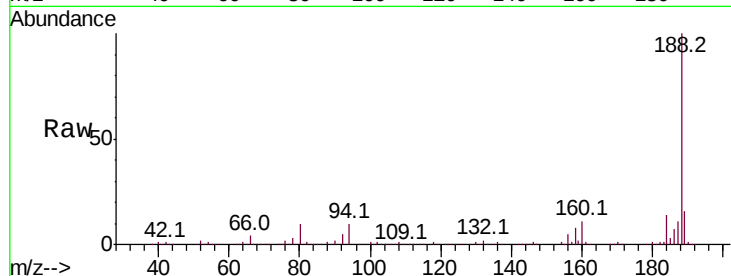
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109288.D
Acq: 25 Sep 2018 16:25

Instrument :
BNA_F
ClientSampleId :
OK-03-092418

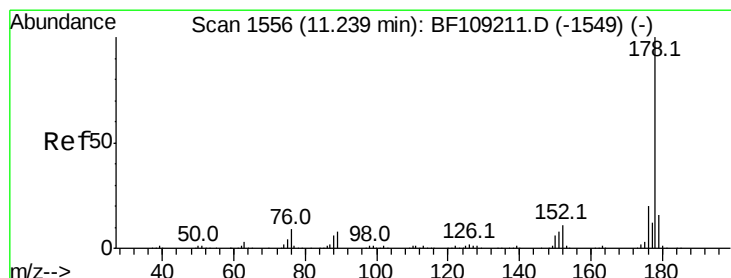
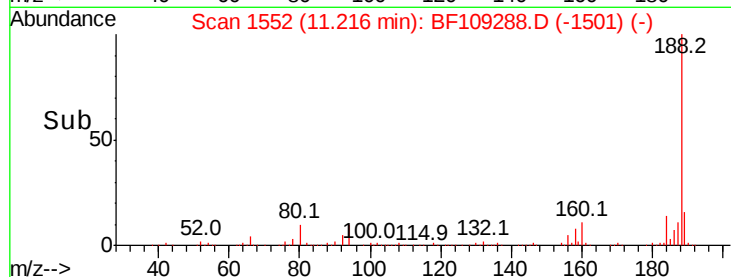
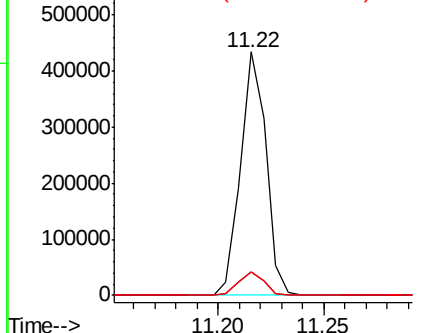
Tot Ion	Ratio	Resp	Lower	Upper
188	100	361736		
94	9.9	8.5	12.7	
80	9.8	9.2	13.8	

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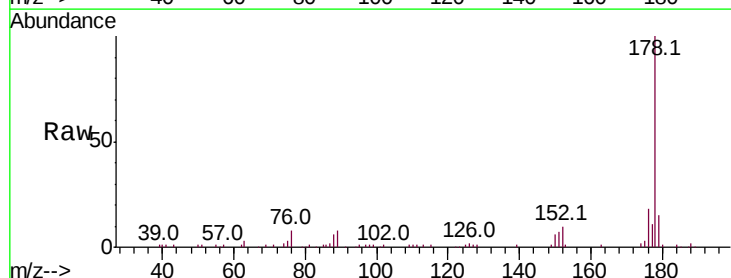


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

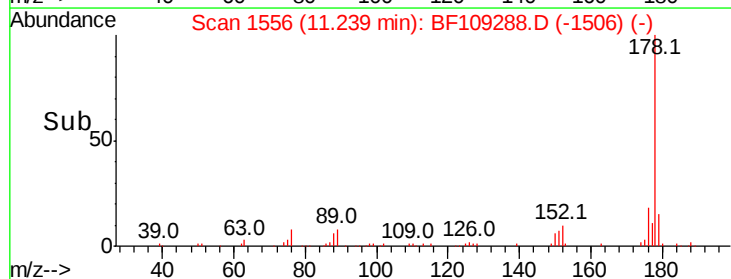
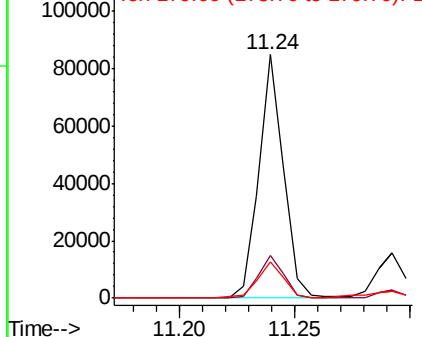


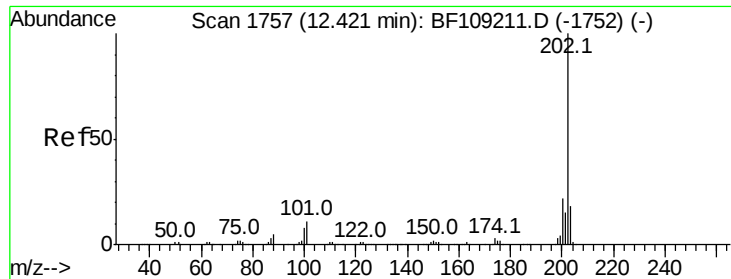
#70
Phenanthrene
Concen: 3.506 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109288.D
Acq: 25 Sep 2018 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	63324		
176	17.5	15.8	23.8	
179	14.9	13.0	19.6	



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 4.197 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109288.D

Acq: 25 Sep 2018 16:25

Instrument :

BNA_F

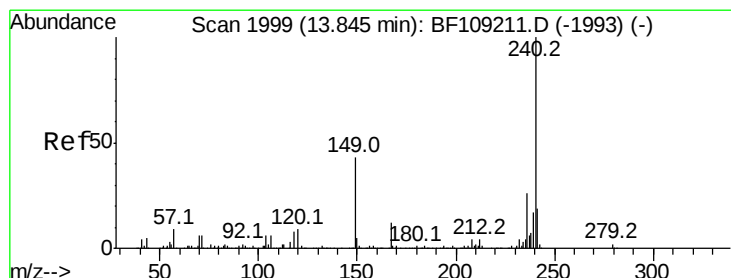
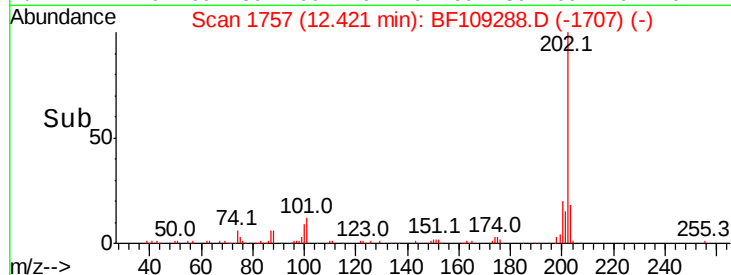
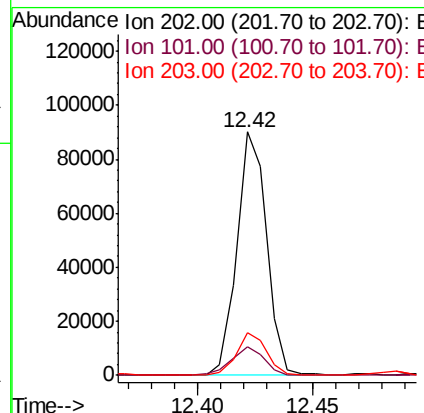
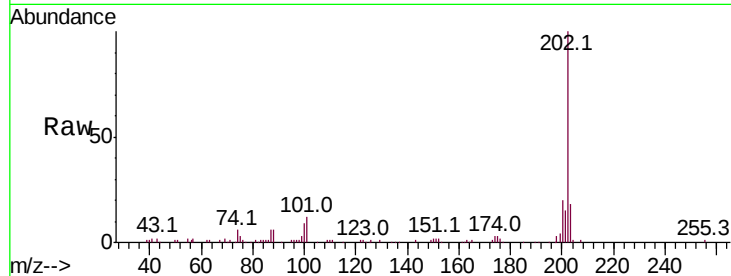
ClientSampleId :

OK-03-092418

Tot Ion:	202	Resp:	81011
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	34.1
203	17.6	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

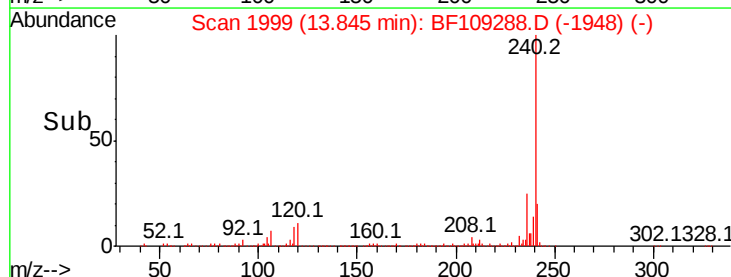
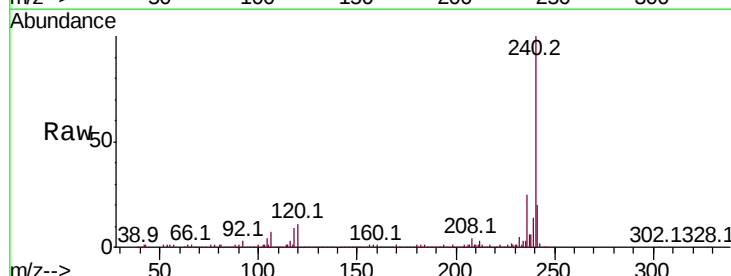
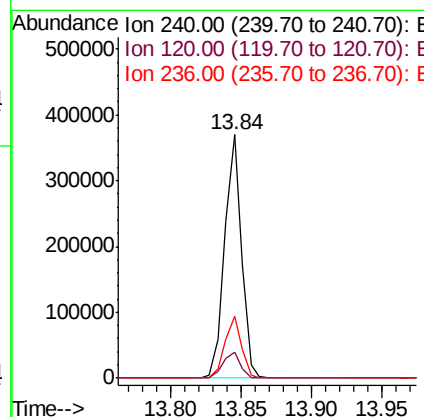
RT: 13.84 min Scan# 1999

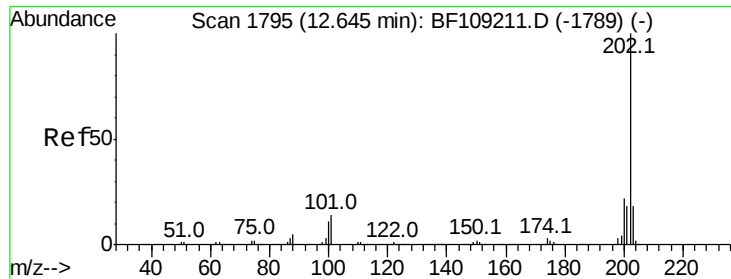
Delta R.T. 0.00 min

Lab File: BF109288.D

Acq: 25 Sep 2018 16:25

Tgt Ion:	240	Resp:	307230
Ion Ratio	Lower	Upper	
240	100		
120	10.7	9.5	14.3
236	25.2	20.7	31.1





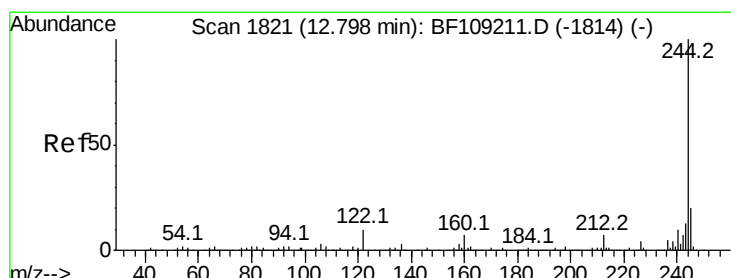
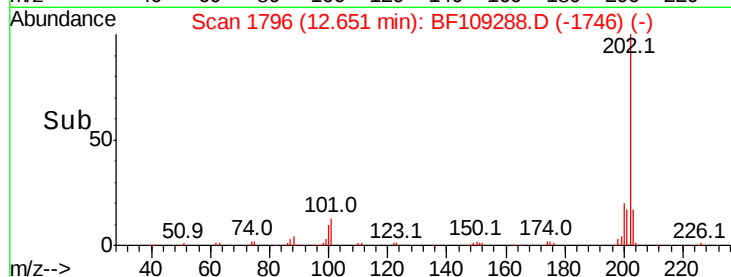
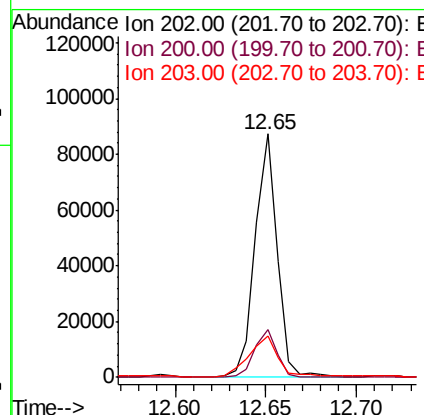
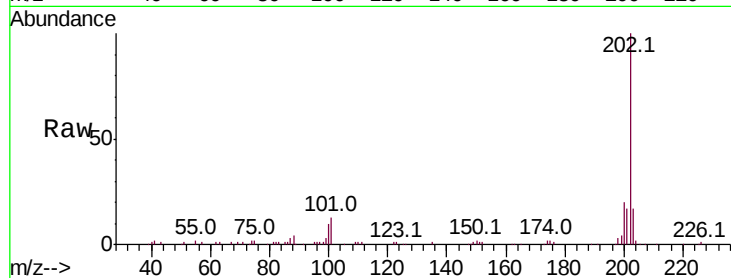
#77
Pvrene
Concen: 3.378 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109288.D
Acq: 25 Sep 2018 16:25

Instrument :
BNA_F
ClientSampleId :
OK-03-092418

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	17.2	14.3	21.5

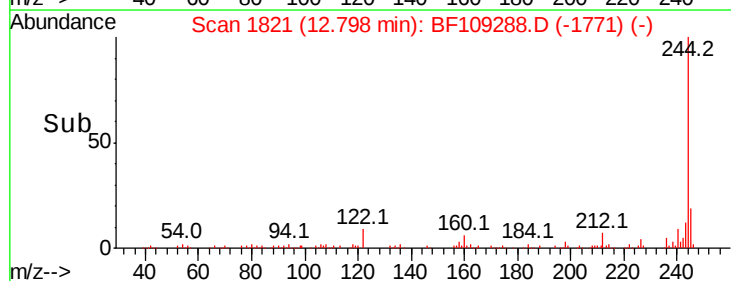
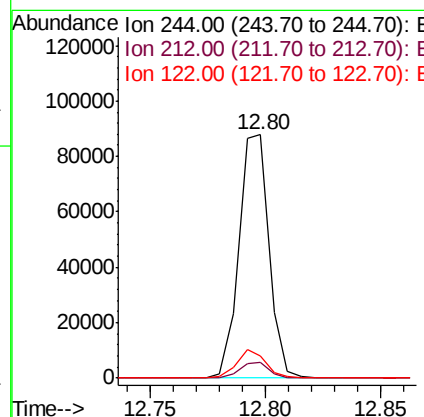
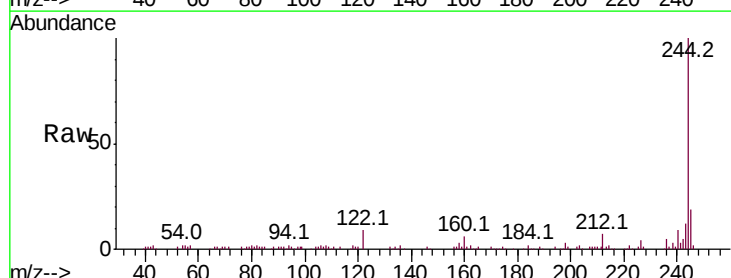
Manual Integrations
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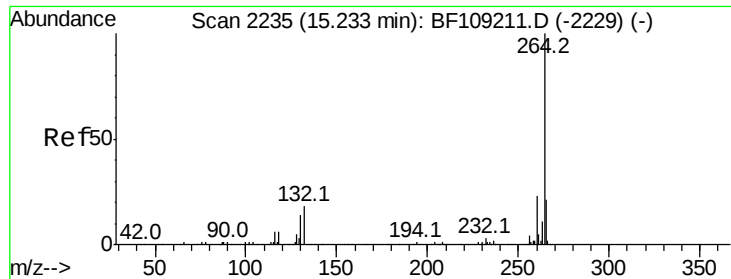
Sohil
9/26/2018 3:41:50 PM



#78
Terphenyl-d14
Concen: 6.394 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109288.D
Acq: 25 Sep 2018 16:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	8.9	11.0	16.4





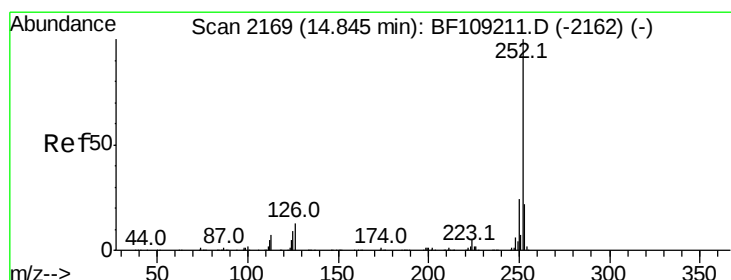
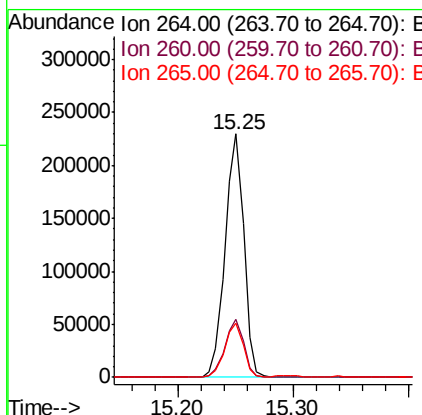
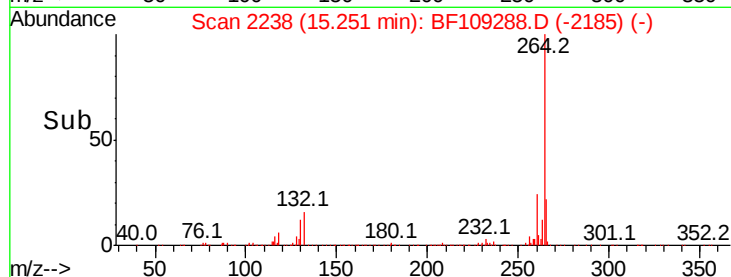
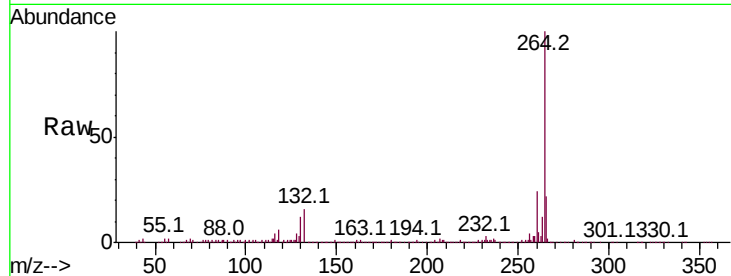
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109288.D
Acq: 25 Sep 2018 16:25

Instrument :
BNA_F
ClientSampleId :
OK-03-092418

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	17.5	26.3

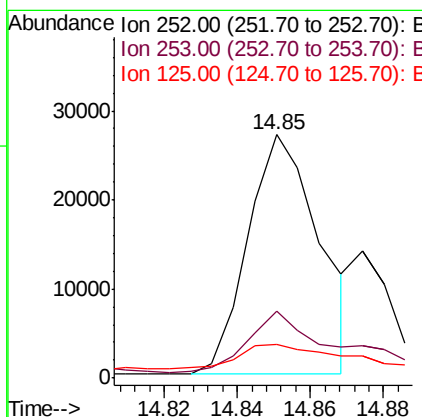
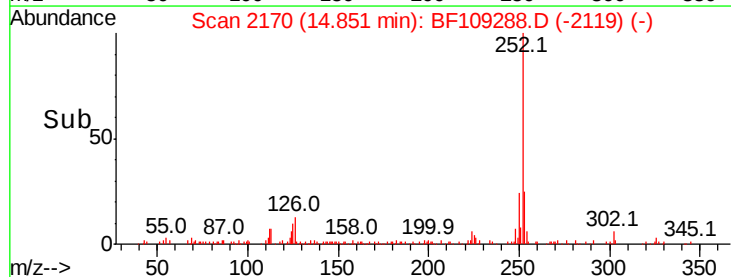
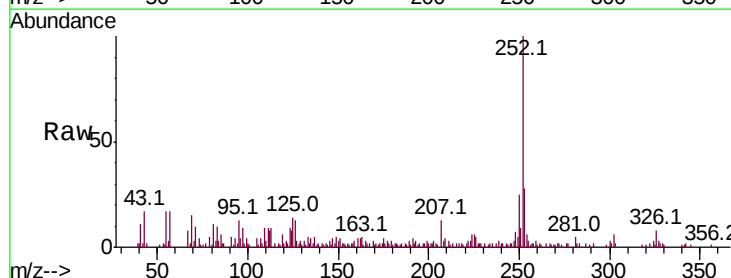
Manual Integrations
APPROVED

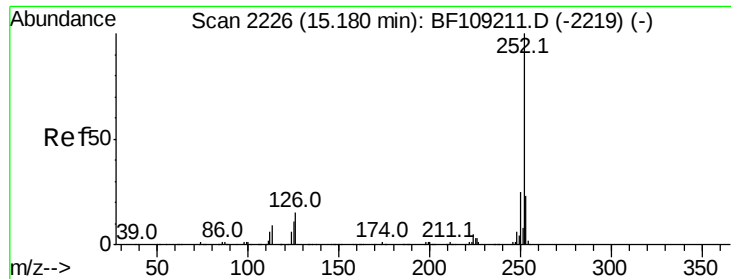
Sohil
9/26/2018 3:41:50 PM



#87
Benzo(b)fluoranthene
Concen: 2.572 ng m
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109288.D
Acq: 25 Sep 2018 16:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.0	25.6#
125	14.0	9.0	13.6#





#89
 Benzo(a)pyrene
 Concen: 2.020 ng
 RT: 15.19 min Scan# 2227
 Delta R.T. 0.00 min
 Lab File: BF109288.D
 Acq: 25 Sep 2018 16:25

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-092418

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	17.6	9.8	14.6

Manual Integrations
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