

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108505.D
 Acq On : 27 Aug 2018 12:55
 Operator : JU/SJ
 Sample : J4273-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-082318

Manual Integrations
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 8/27/2018 5:09:51 PM

Quant Time: Aug 27 14:26:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	119409	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	474287	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	227237	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	363452	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	300079	20.00	ng	-0.01
86) Perylene-d12	15.75	264	265855	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	91572	13.88	ng	-0.01
7) Phenol-d6	6.61	99	124396	14.19	ng	-0.02
23) Nitrobenzene-d5	7.55	82	79848	9.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	26265	11.59	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	166466	11.76	ng	-0.01
78) Terphenyl-d14	13.12	244	126304	10.70	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.74	163	51570	3.258	ng	Qvalue # 97
74) Fluoranthene	12.76	202	52911	2.828	ng	93
77) Pyrene	12.99	202	57509	3.027	ng	100
87) Benzo(b)fluoranthene	15.28	252	45300m	2.852	ng	
89) Benzo(a)pyrene	15.68	252	29202	2.053	ng	# 90

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

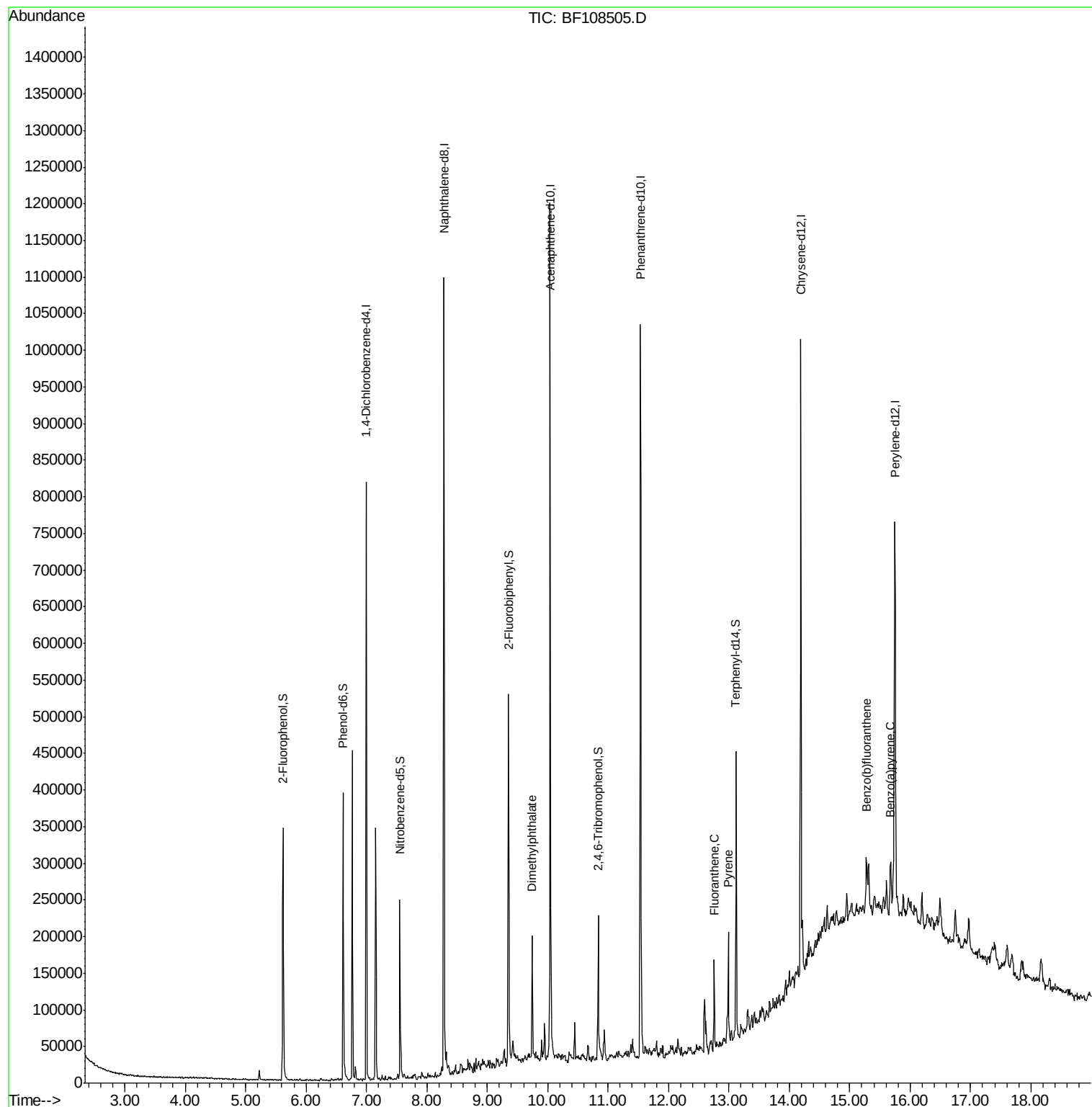
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
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ALS Vial : 9 Sample Multiplier: 1

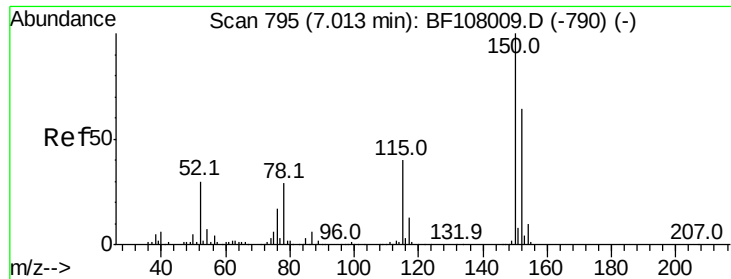
Instrument :
BNA_F
ClientSampled :
NB-07-082318

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

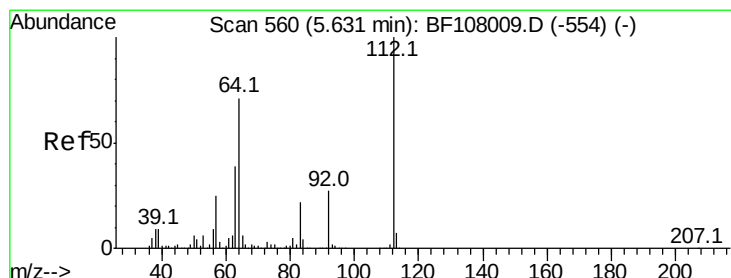
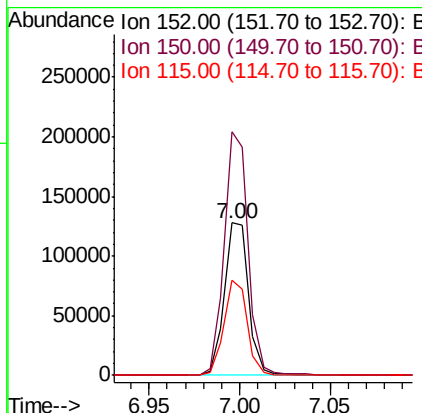
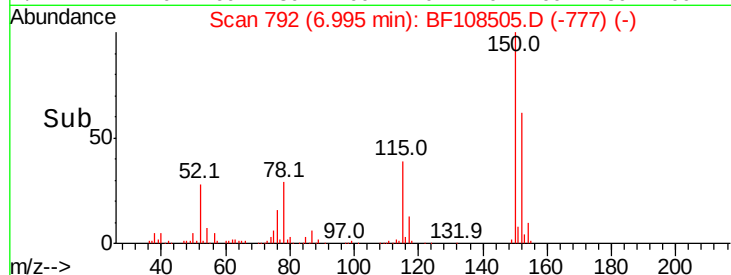
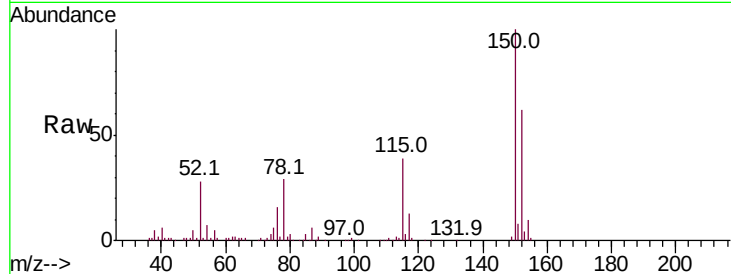
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Instrument :
BNA_F
ClientSampled :
NB-07-082318

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	62.6	50.1	75.1

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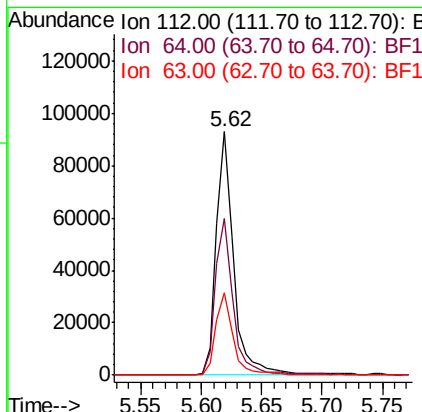
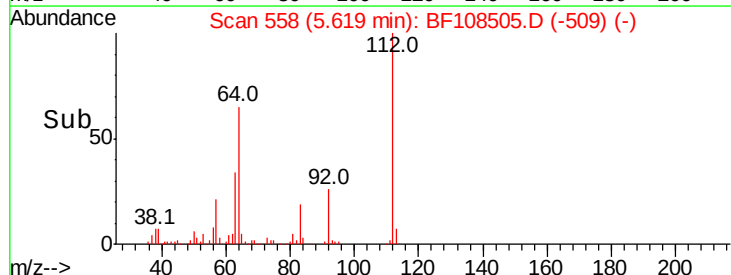
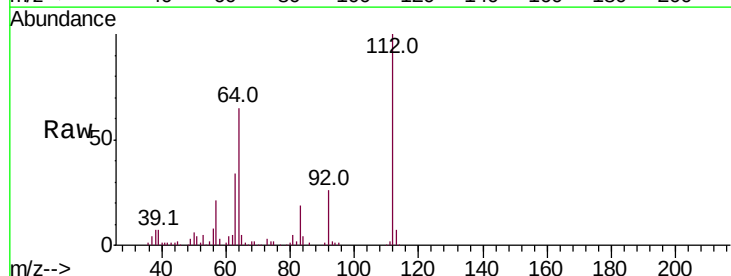
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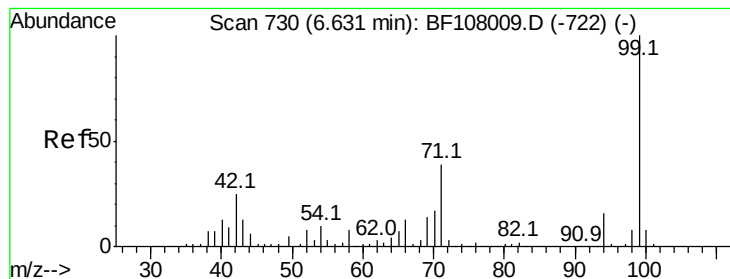


#5

2-Fluorophenol
Concen: 13.884 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	47.9	71.9
63	33.7	23.7	35.5





#7

Phenol-d6

Concen: 14.193 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108505.D

Acq: 27 Aug 2018 12:55

Instrument :

BNA_F

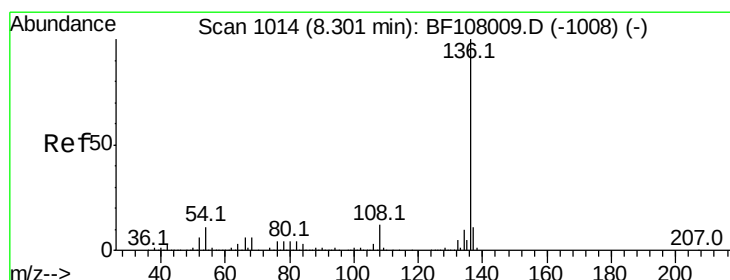
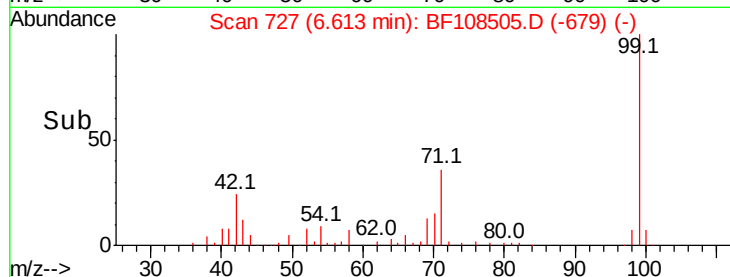
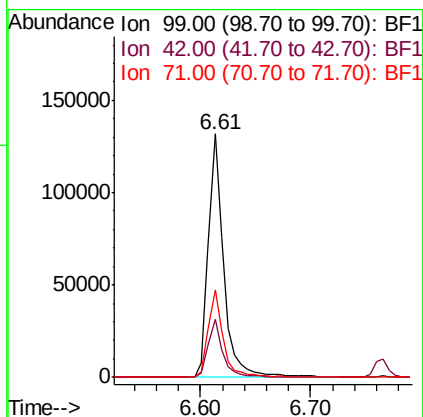
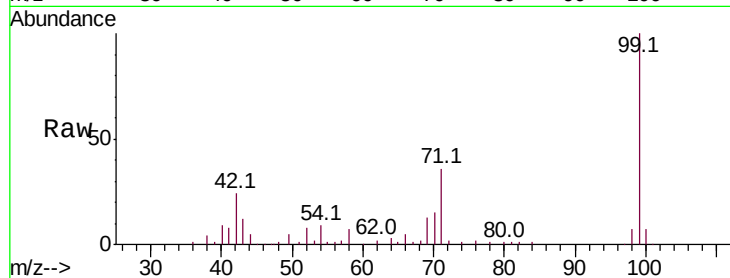
ClientSampled :

NB-07-082318

Tot Ion:	99	Resp:	124396
Ion Ratio	Lower	Upper	
99	100		
42	23.6	14.5	21.7#
71	35.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

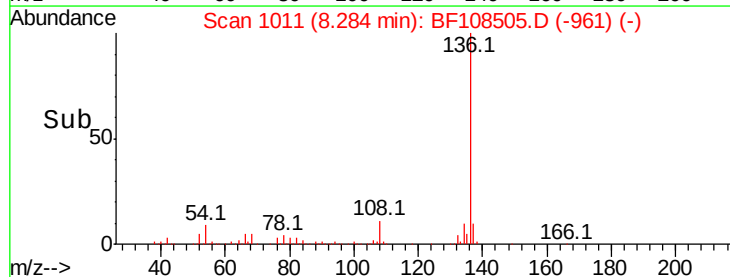
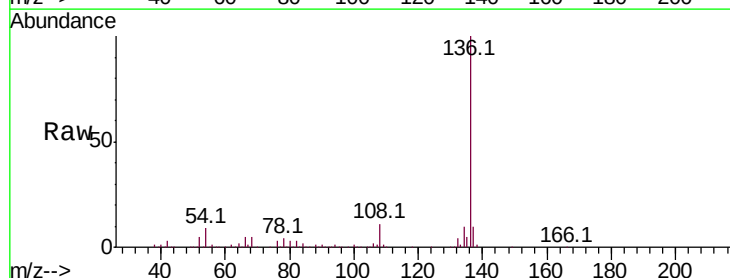
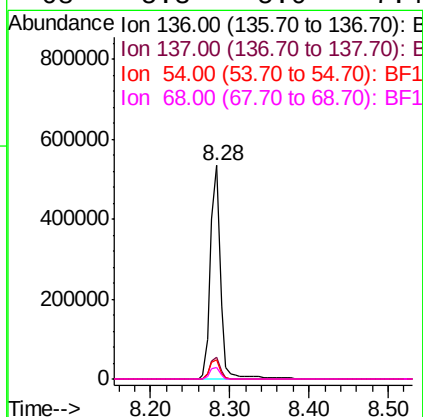
RT: 8.28 min Scan# 1011

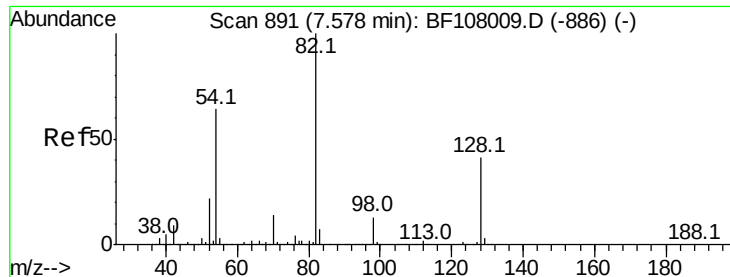
Delta R.T. -0.01 min

Lab File: BF108505.D

Acq: 27 Aug 2018 12:55

Tgt Ion:	136	Resp:	474287
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.9	13.3
54	8.9	6.6	9.8
68	5.3	5.0	7.4





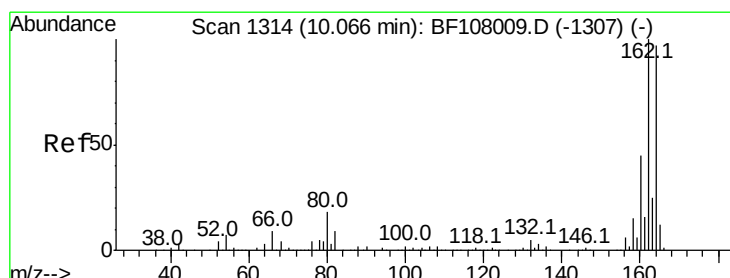
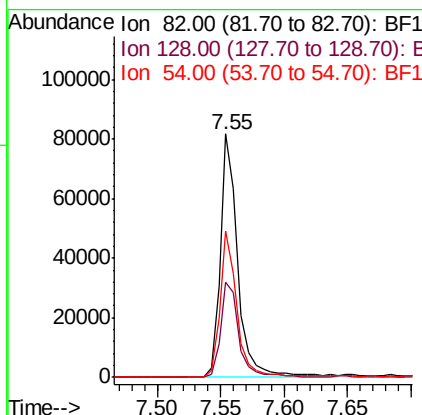
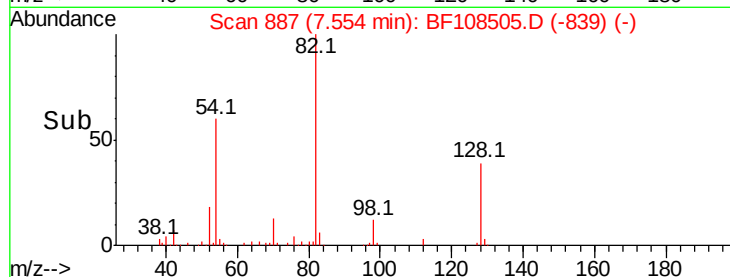
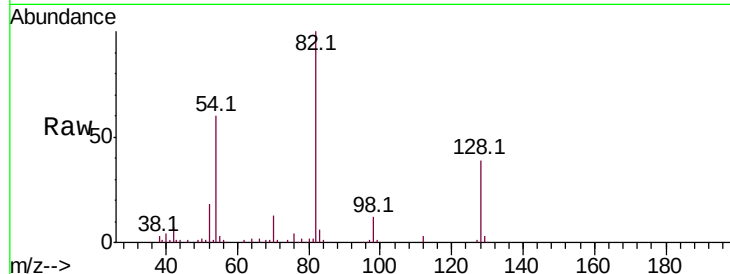
#23
 Nitrobenzene-d5
 Concen: 9.394 ng
 RT: 7.55 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF108505.D
 Acq: 27 Aug 2018 12:55

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-082318

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.3	36.1	54.1
54	59.9	41.4	62.2

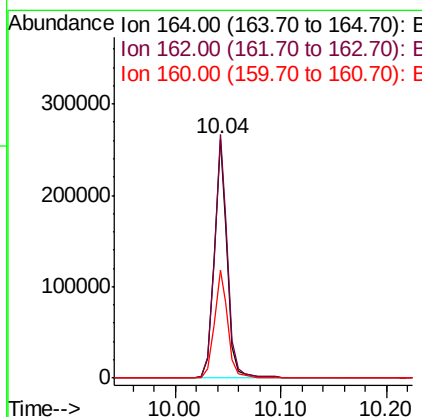
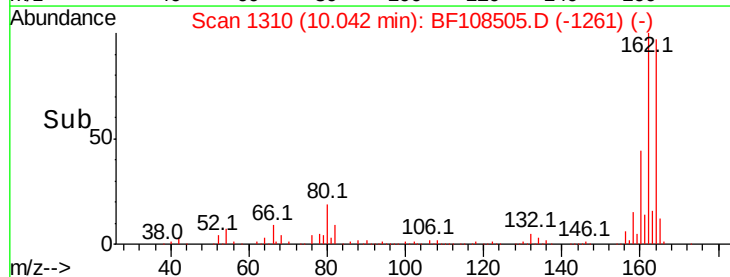
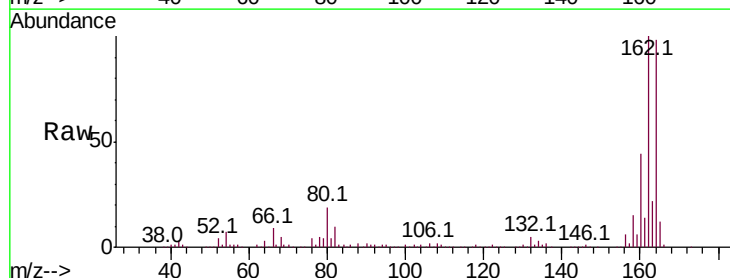
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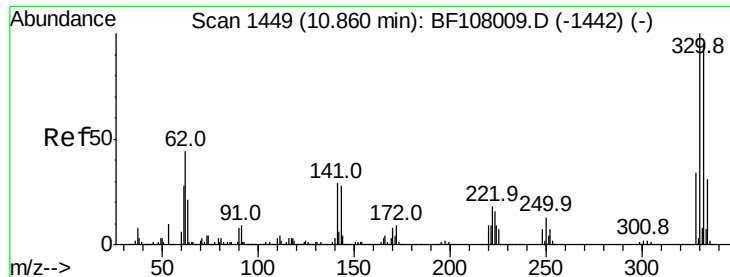
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108505.D
 Acq: 27 Aug 2018 12:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	45.1	38.3	57.5





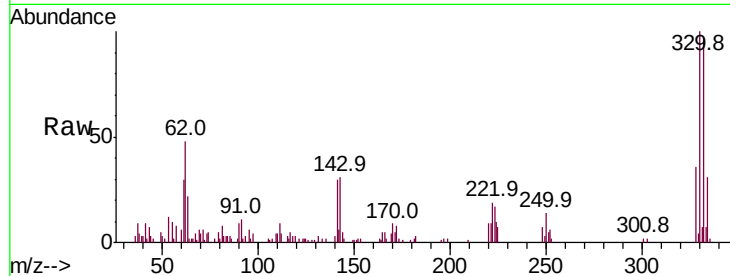
#41
 2,4,6-Tribromophenol
 Concen: 11.588 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108505.D
 Acq: 27 Aug 2018 12:55

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-082318

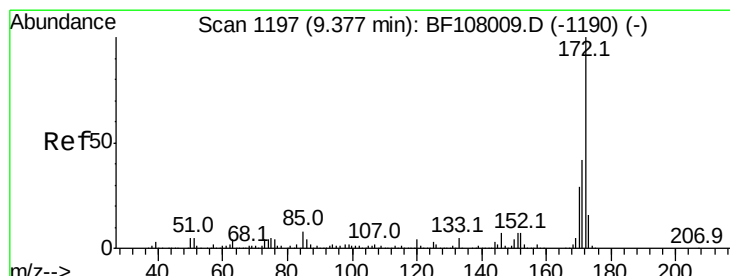
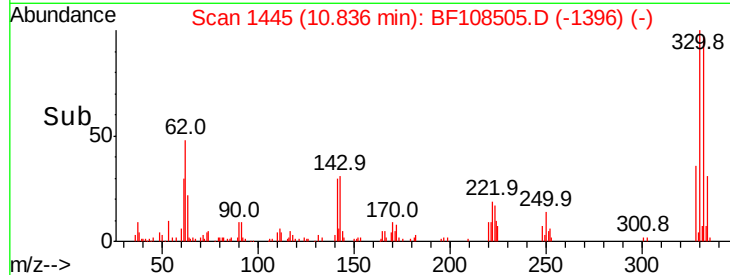
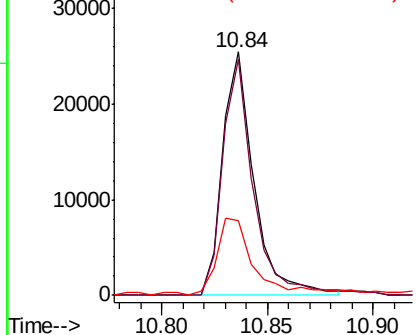
Tot Ion	Ratio	Resp	Lower	Upper
330	100	26265		
332	96.3	77.0	115.6	
141	41.2	29.9	44.9	

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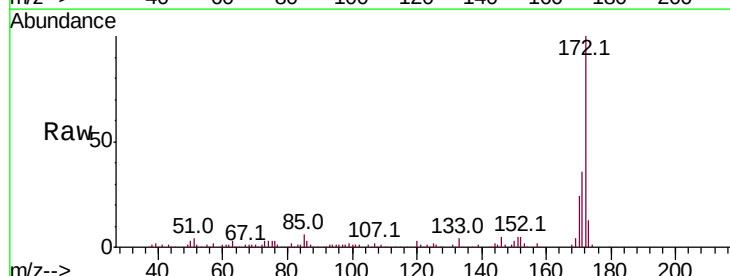


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

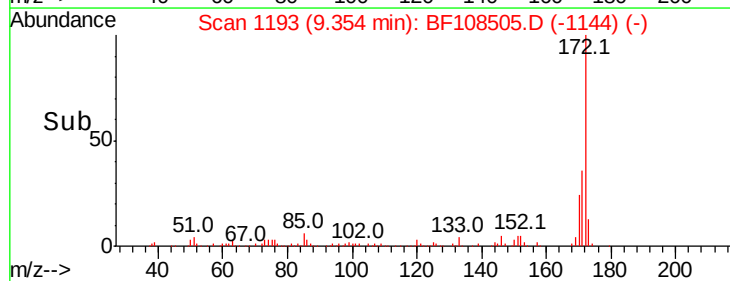
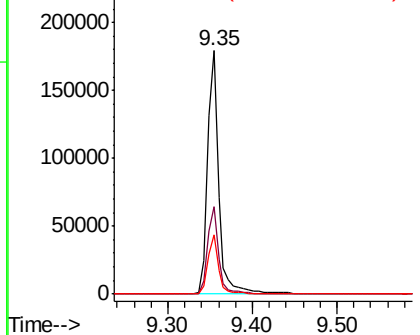


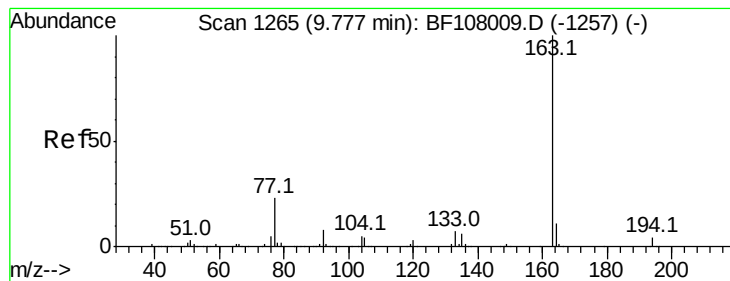
#44
 2-Fluorobiphenyl
 Concen: 11.761 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108505.D
 Acq: 27 Aug 2018 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	166466		
171	35.9	29.7	44.5	
170	24.3	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





#49

Dimethylphthalate

Concen: 3.258 ng

RT: 9.74 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF108505.D

Acq: 27 Aug 2018 12:55

Instrument :

BNA_F

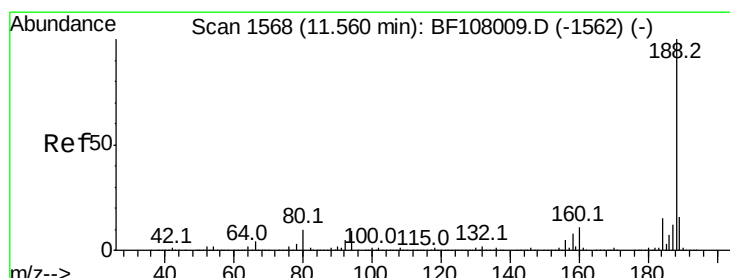
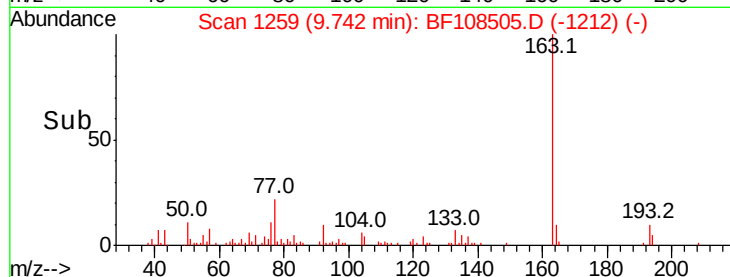
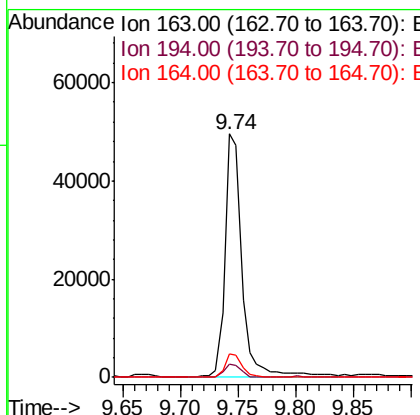
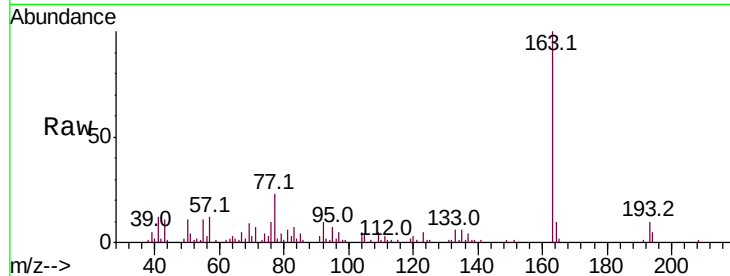
ClientSampleId :

NB-07-082318

Tot Ion:	163	Resp:	51570
Ion Ratio	Lower	Upper	
163	100		
194	5.4	2.7	4.1#
164	9.6	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

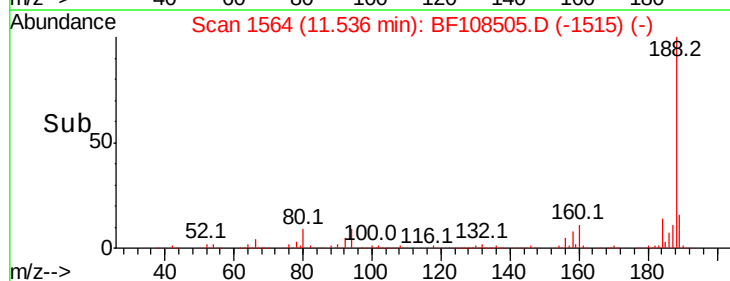
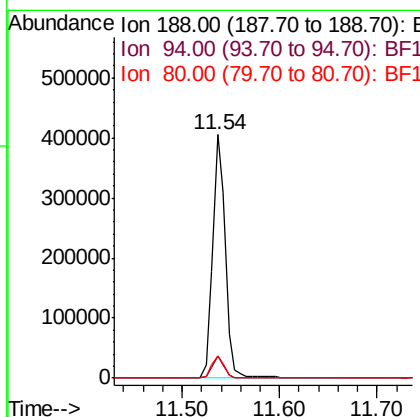
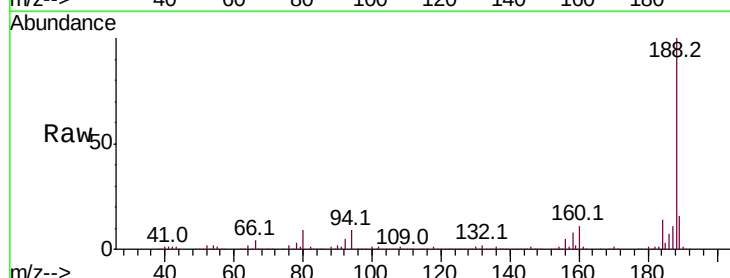
RT: 11.54 min Scan# 1564

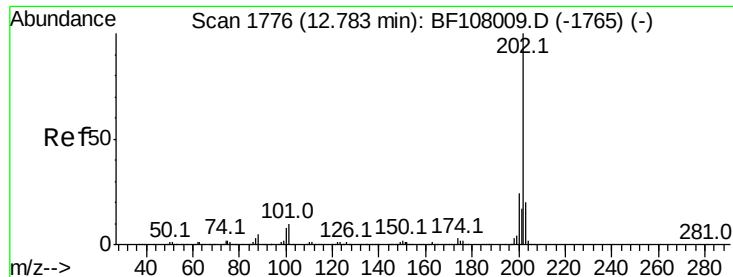
Delta R.T. -0.01 min

Lab File: BF108505.D

Acq: 27 Aug 2018 12:55

Tgt Ion:	188	Resp:	363452
Ion Ratio	Lower	Upper	
188	100		
94	8.8	8.5	12.7
80	9.3	9.2	13.8





#74

Fluoranthene

Concen: 2.828 ng

RT: 12.76 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF108505.D

Acq: 27 Aug 2018 12:55

Instrument :

BNA_F

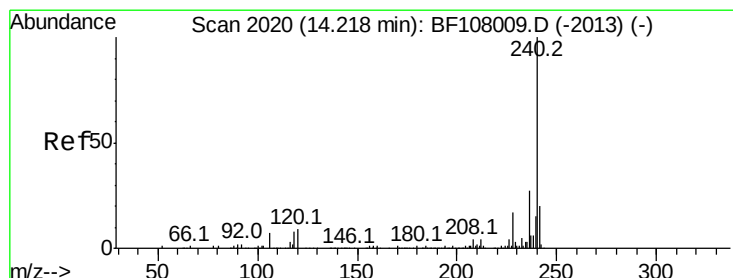
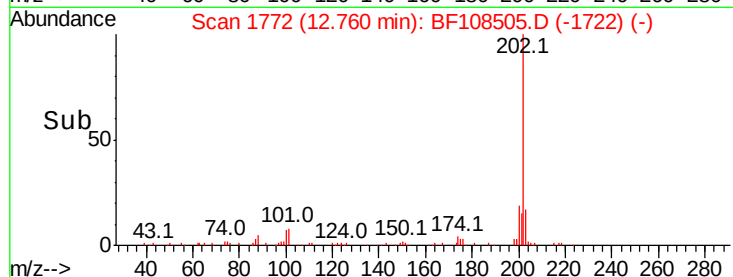
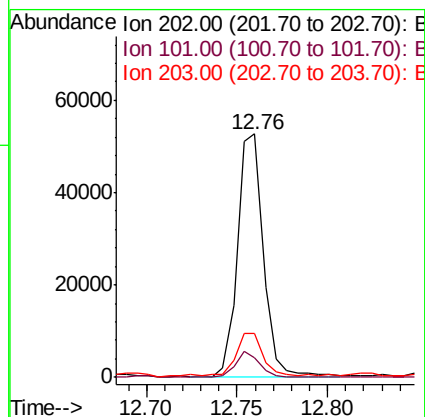
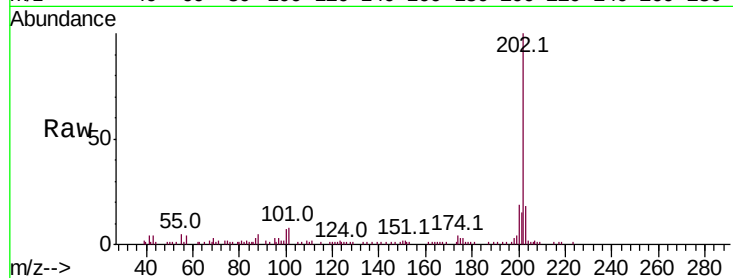
ClientSampleId :

NB-07-082318

Tot Ion:	202	Resp:	52911
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	34.1
203	17.9	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

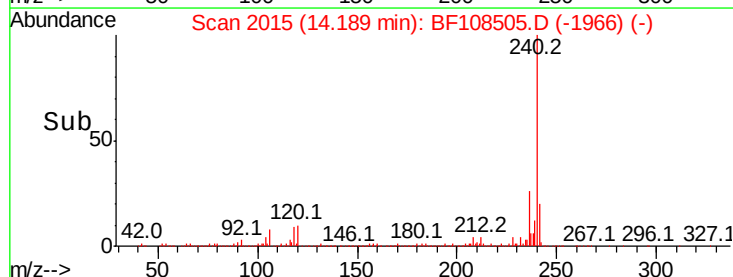
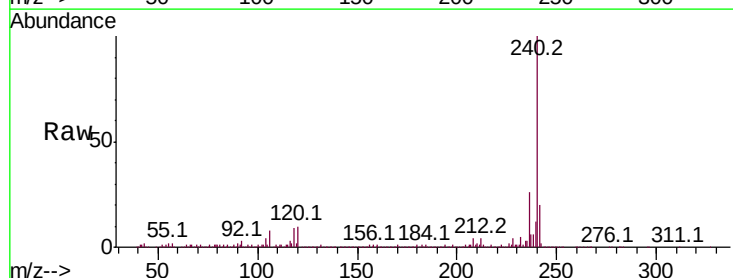
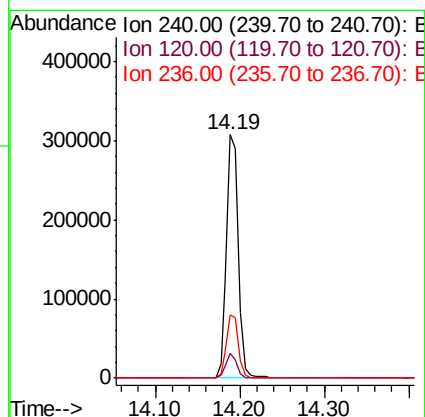
RT: 14.19 min Scan# 2015

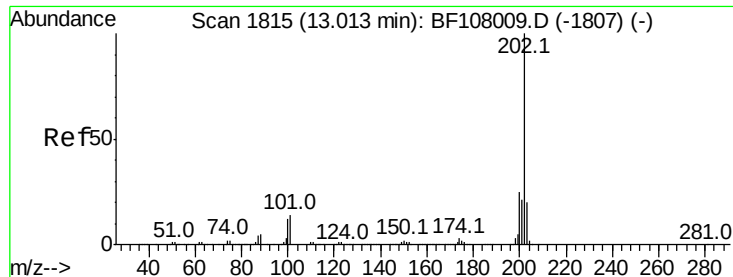
Delta R.T. -0.01 min

Lab File: BF108505.D

Acq: 27 Aug 2018 12:55

Tgt Ion:	240	Resp:	300079
Ion Ratio	Lower	Upper	
240	100		
120	10.1	9.5	14.3
236	26.1	20.7	31.1





#77

Pvrene

Concen: 3.027 ng

RT: 12.99 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF108505.D

Acq: 27 Aug 2018 12:55

Instrument :

BNA_F

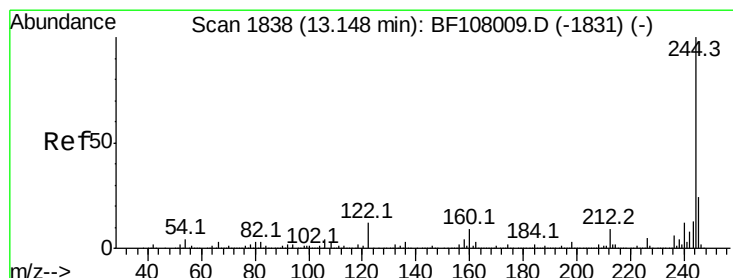
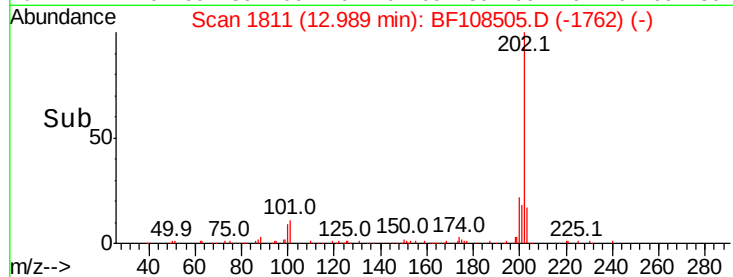
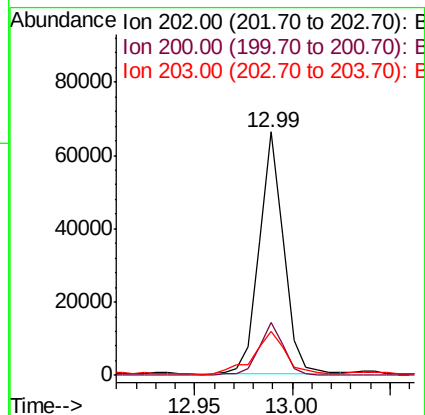
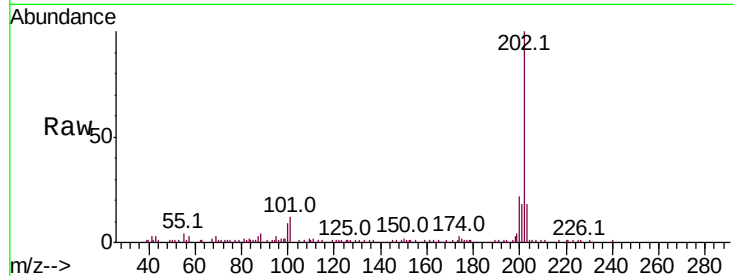
ClientSampleId :

NB-07-082318

Tot Ion:	202	Resp:	57509
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	18.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 10.702 ng

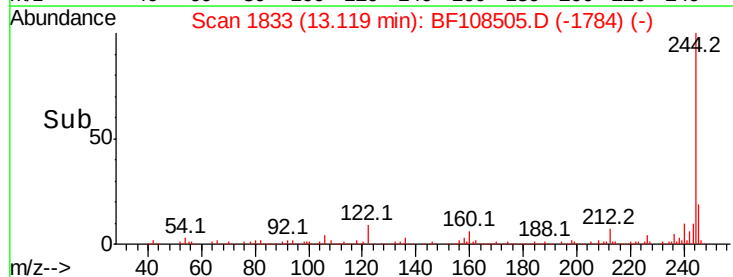
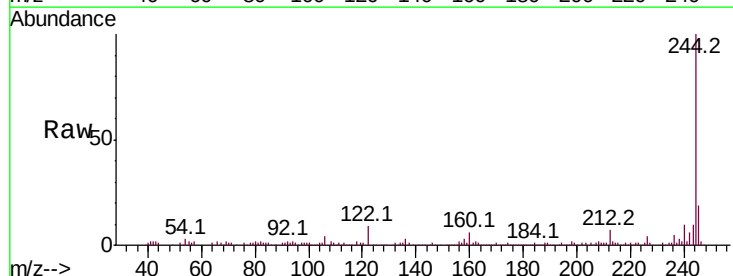
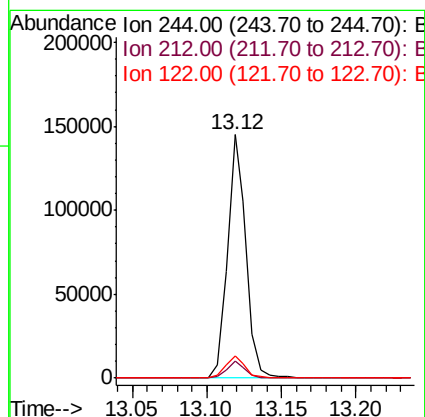
RT: 13.12 min Scan# 1833

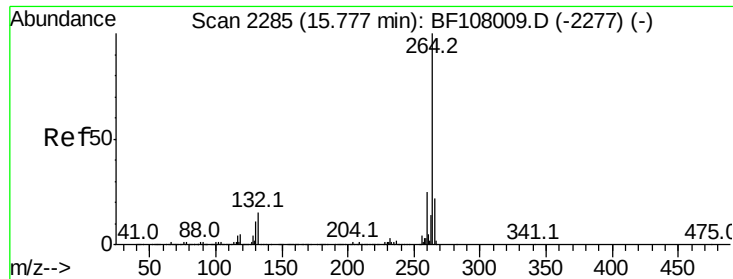
Delta R.T. -0.01 min

Lab File: BF108505.D

Acq: 27 Aug 2018 12:55

Tgt Ion:	244	Resp:	126304
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	9.0	11.0	16.4#





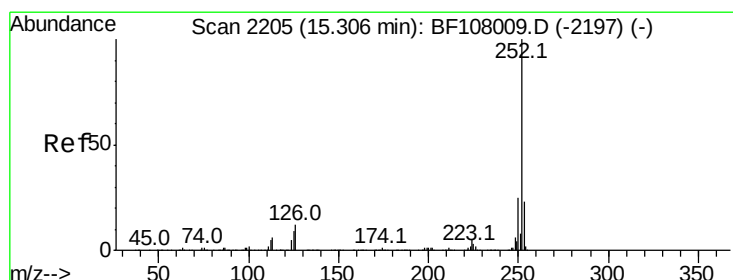
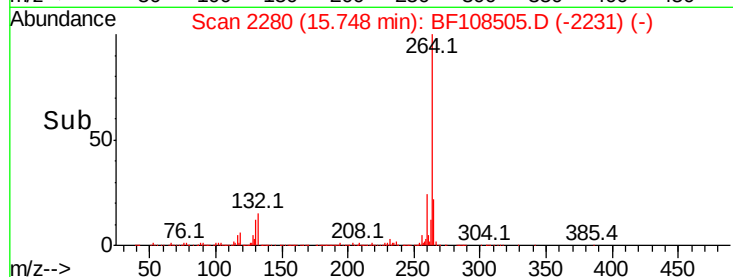
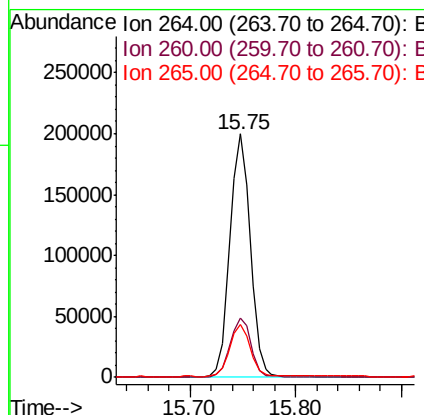
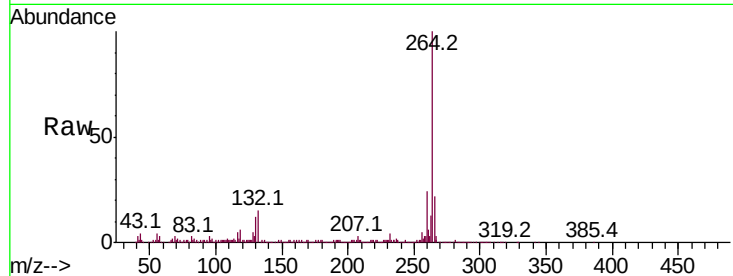
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Instrument :
BNA_F
ClientSampled :
NB-07-082318

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.9	17.5	26.3

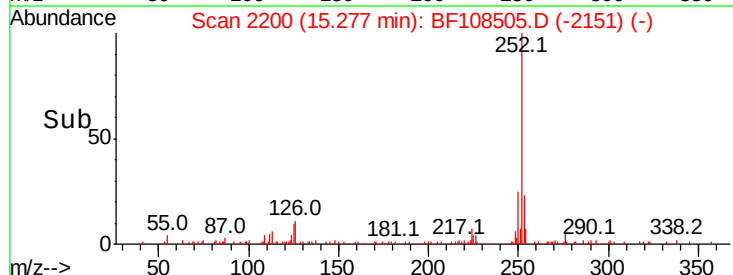
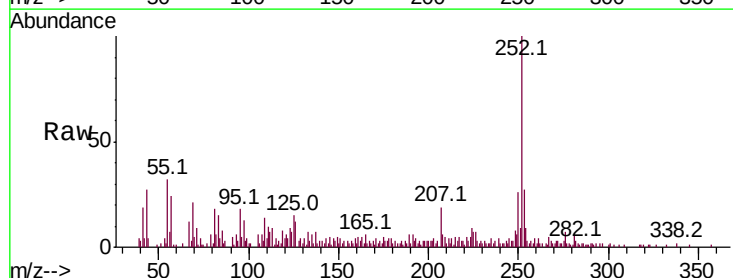
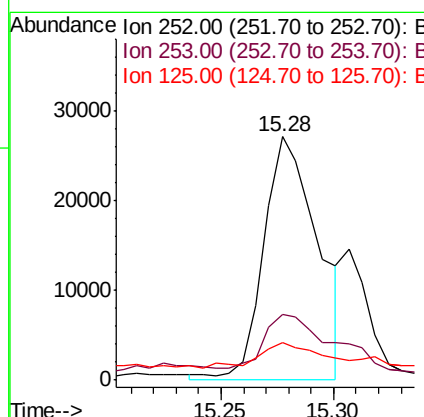
Manual Integrations
APPROVED

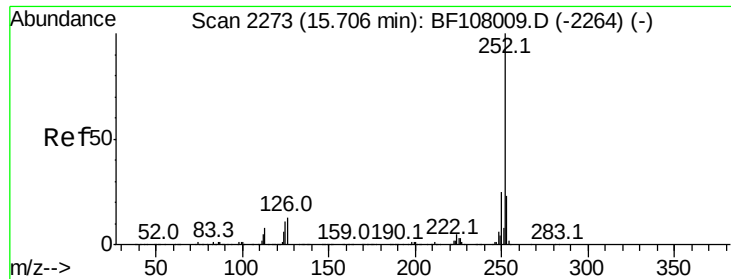
Sohil
8/27/2018 5:09:51 PM



#87
Benzo(b)fluoranthene
Concen: 2.852 ng m
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108505.D
Acq: 27 Aug 2018 12:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.0	25.6#
125	15.2	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 2.053 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF108505.D

Acq: 27 Aug 2018 12:55

Instrument :

BNA_F

ClientSampleId :

NB-07-082318

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.1	25.7#
125	16.1	9.8	14.6#

Manual Integrations
APPROVED

Sohil
8/27/2018 5:09:51 PM

