

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
 Data File : BF099707.D
 Acq On : 20 Oct 2017 18:10
 Operator : SJ/JU
 Sample : I5981-04 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-101817-B

Manual Integrations
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Quant Time: Oct 22 00:23:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	91524	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	358003	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	141237	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	198968	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	179408	20.00	ng	-0.01
86) Perylene-d12	15.44	264	182958	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	120504	20.96	ng	0.00
7) Phenol-d6	6.45	99	143534	20.24	ng	-0.01
23) Nitrobenzene-d5	7.37	82	78133	14.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	19912	17.23	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	161231	19.06	ng	-0.01
78) Terphenyl-d14	12.91	244	97254	12.33	ng	-0.01
Target Compounds						
74) Fluoranthene	12.55	202	31443	2.916	ng	99
77) Pyrene	12.78	202	32184	2.353	ng	98
87) Benzo(b)fluoranthene	15.02	252	22750m	2.022	ng	

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

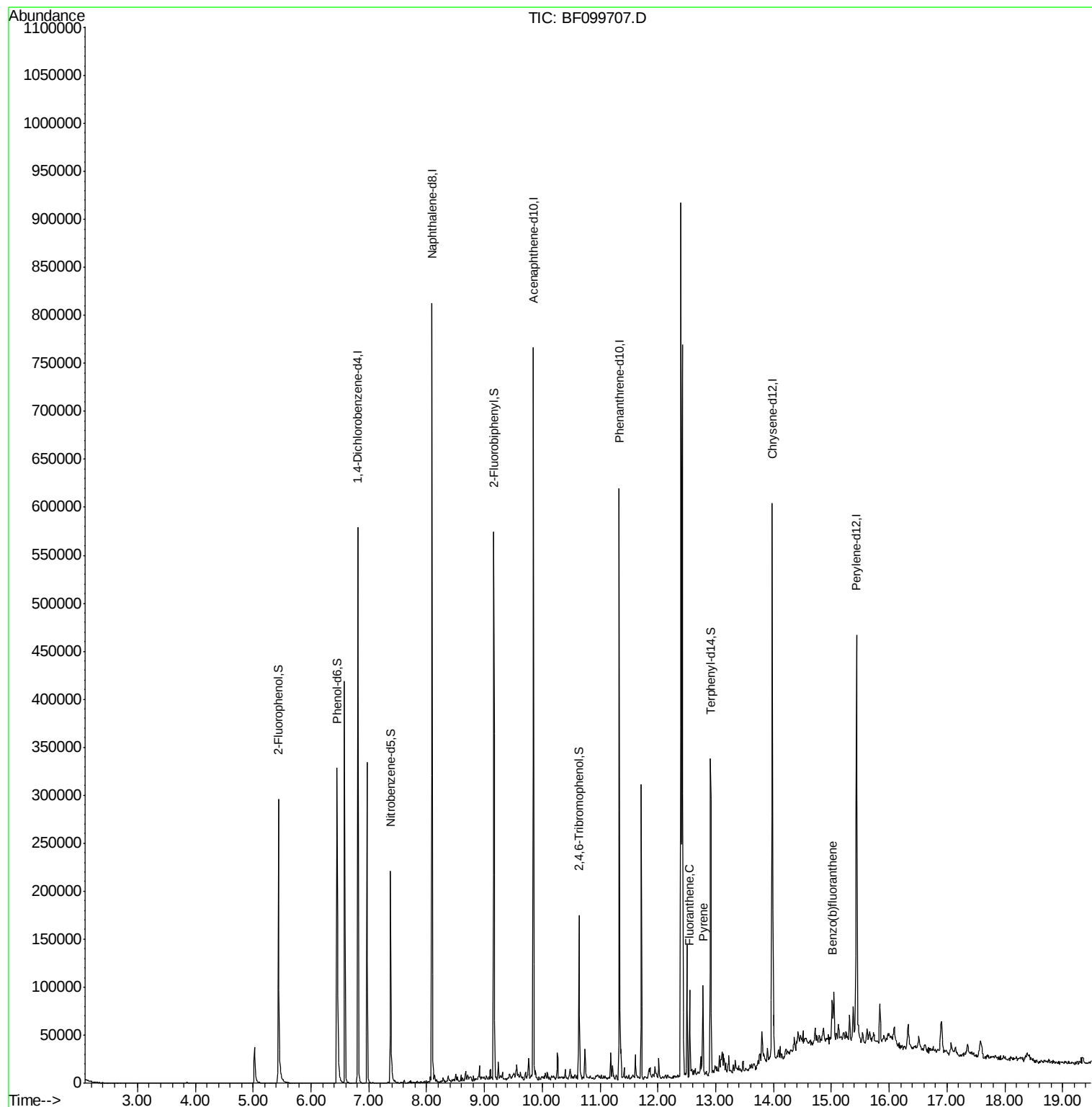
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
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ALS Vial : 16 Sample Multiplier: 1

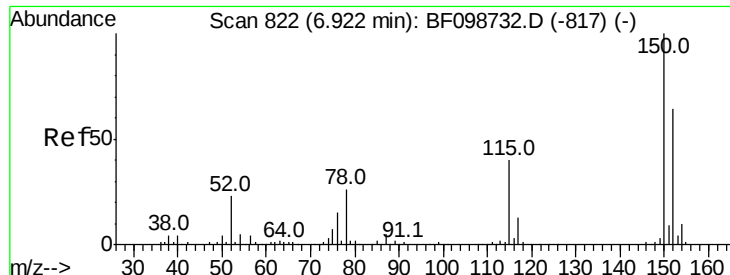
Instrument :
BNA_F
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NB-01-101817-B

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#1

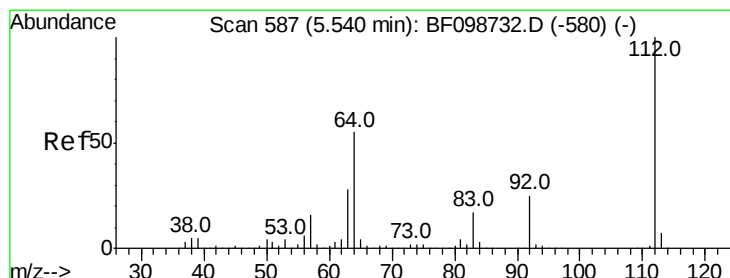
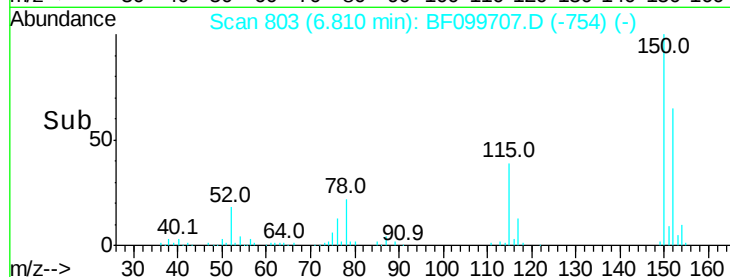
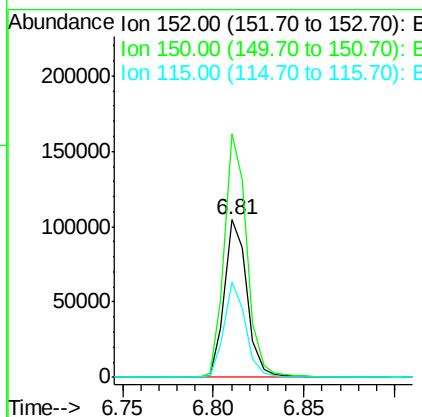
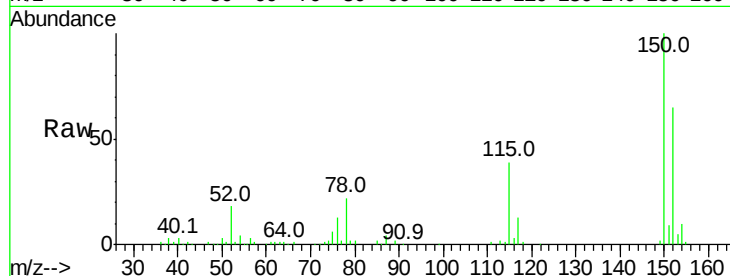
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099707.D
Acq: 20 Oct 2017 18:10

Instrument :
BNA_F
ClientSampleId :
NB-01-101817-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	60.6	50.1	75.1

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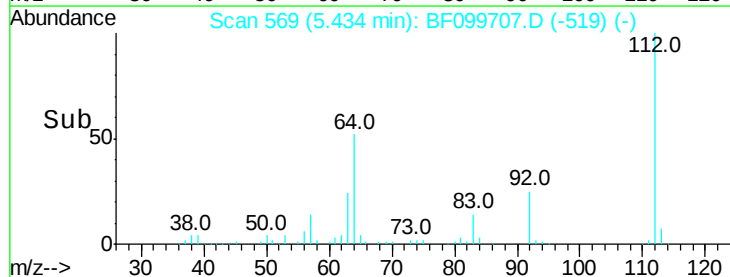
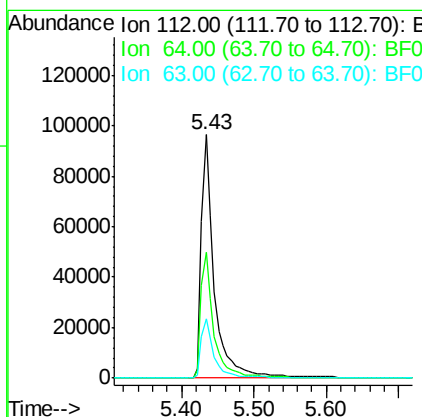
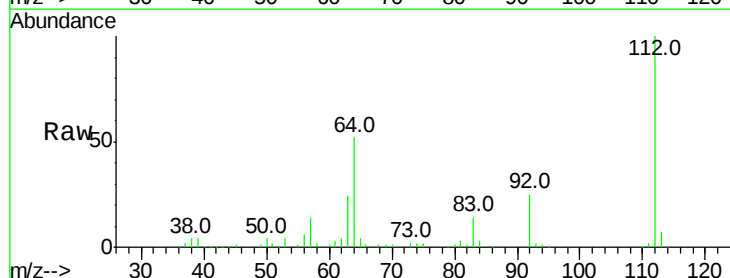
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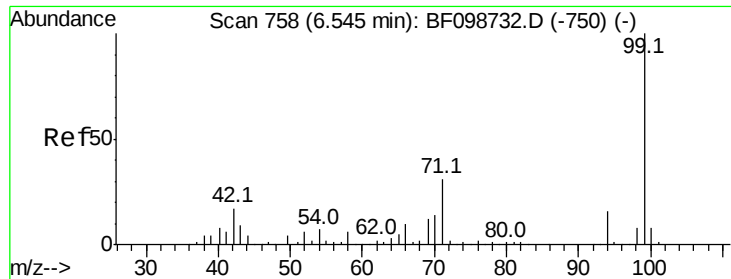


#5

2-Fluorophenol
Concen: 20.960 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF099707.D
Acq: 20 Oct 2017 18:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.8	47.9	71.9
63	24.2	23.7	35.5





#7

Phenol-d6

Concen: 20.237 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099707.D

Acq: 20 Oct 2017 18:10

Instrument :

BNA_F

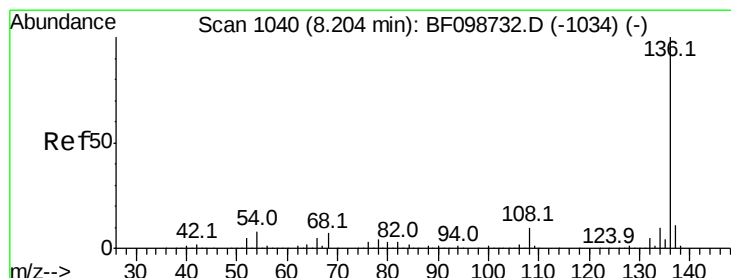
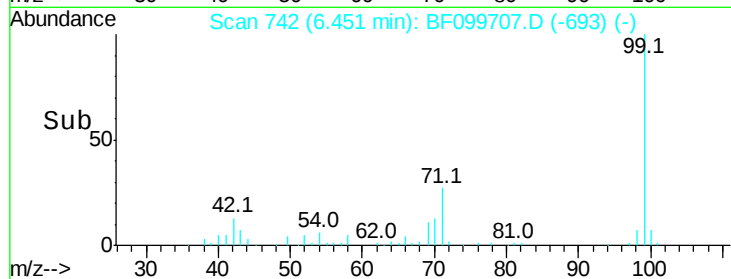
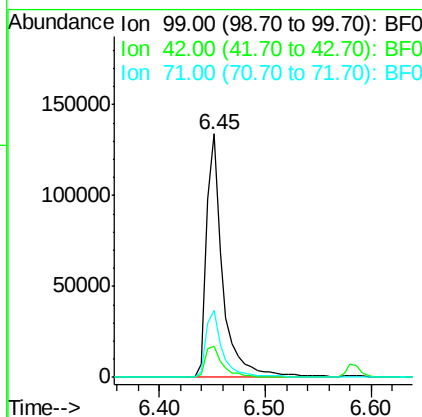
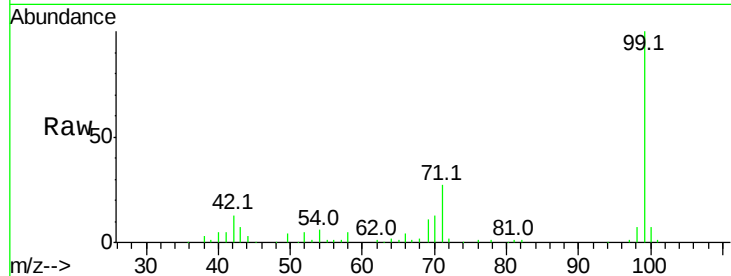
ClientSampled :

NB-01-101817-B

Tot Ion:	99	Resp:	143534
Ion Ratio	Lower	Upper	
99	100		
42	13.0	14.5	21.7#
71	27.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

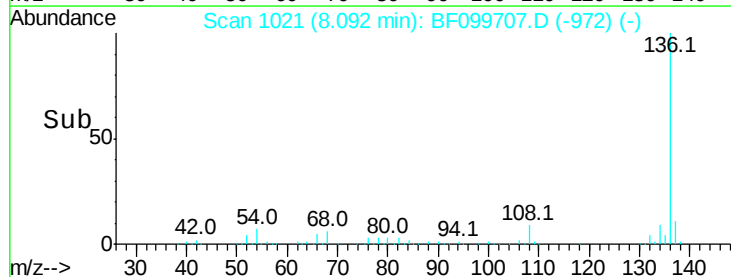
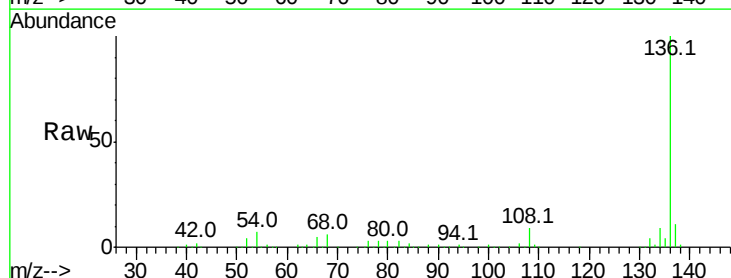
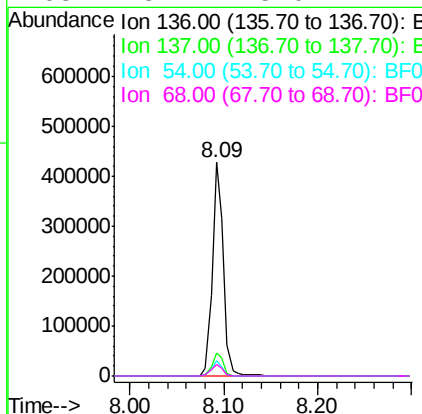
RT: 8.09 min Scan# 1021

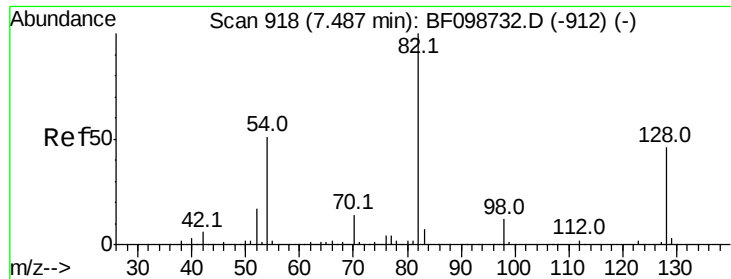
Delta R.T. -0.01 min

Lab File: BF099707.D

Acq: 20 Oct 2017 18:10

Tgt Ion:	136	Resp:	358003
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	5.7	5.0	7.4





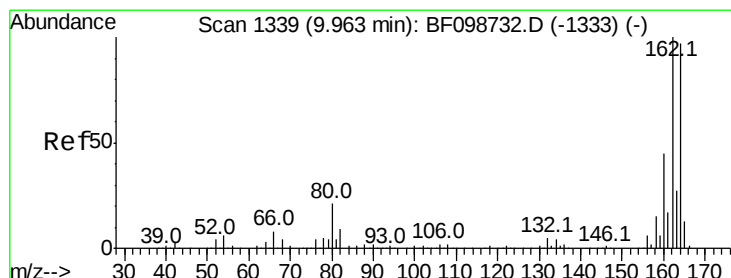
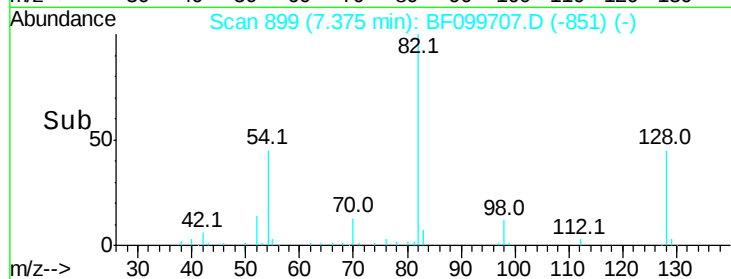
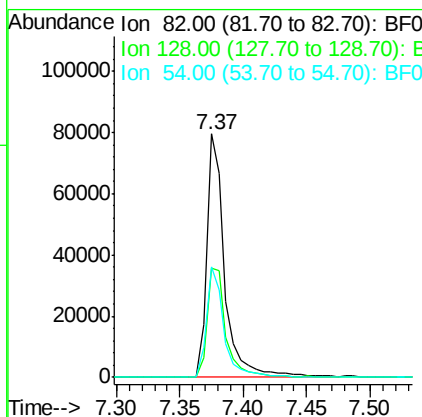
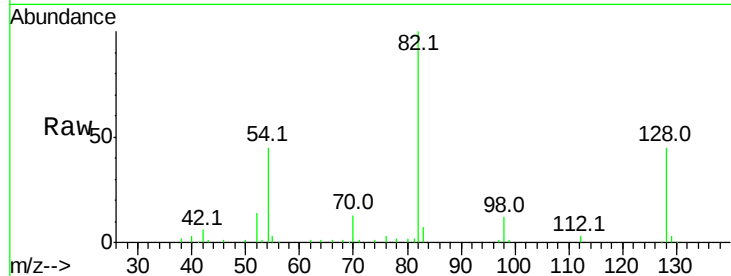
#23
 Nitrobenzene-d5
 Concen: 13.996 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.02 min
 Lab File: BF099707.D
 Acq: 20 Oct 2017 18:10

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-101817-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	45.2	41.4	62.2

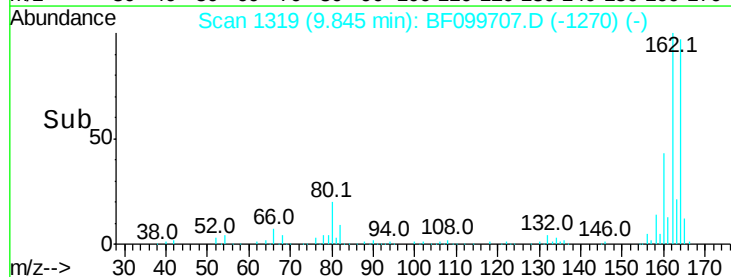
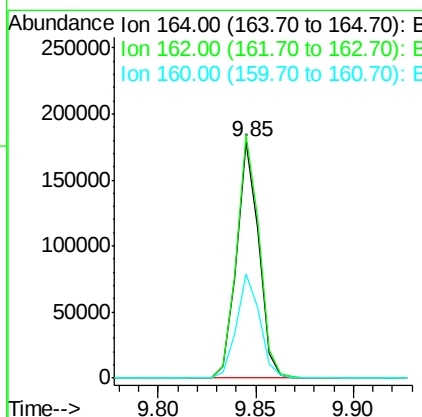
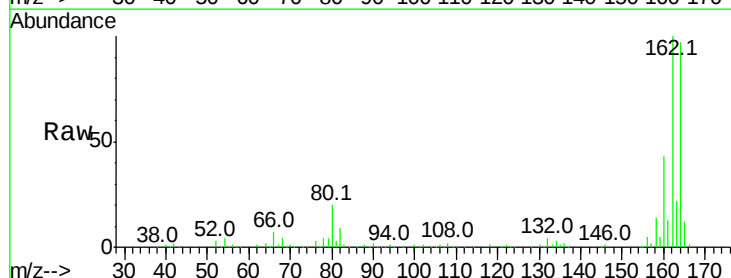
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF099707.D
 Acq: 20 Oct 2017 18:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	44.1	38.3	57.5





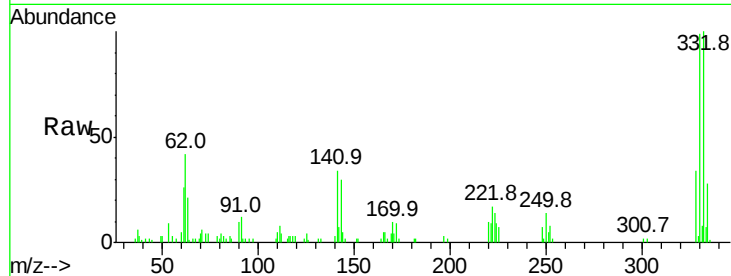
#41
 2,4,6-Tribromophenol
 Concen: 17.229 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF099707.D
 Acq: 20 Oct 2017 18:10

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-101817-B

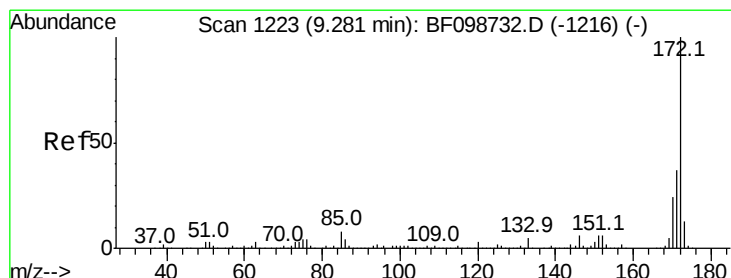
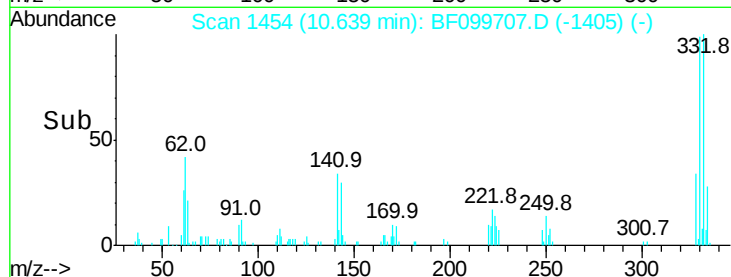
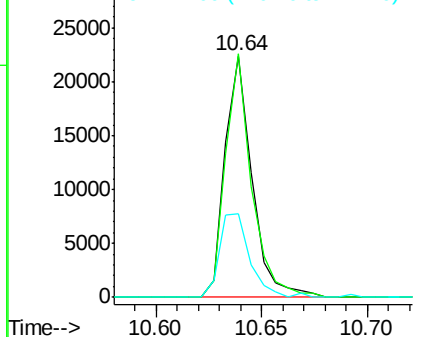
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	38.7	29.9	44.9

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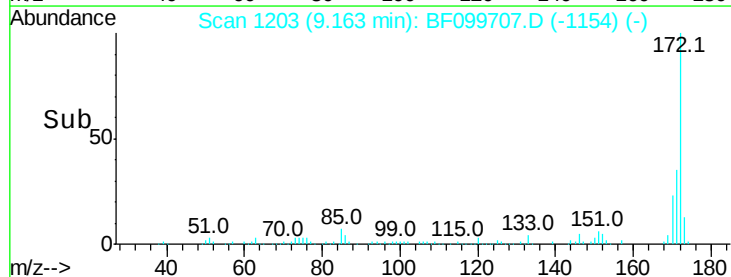
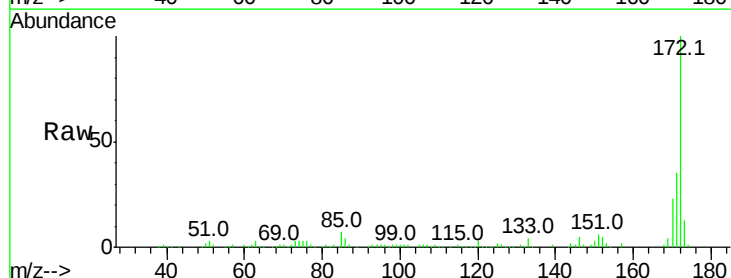
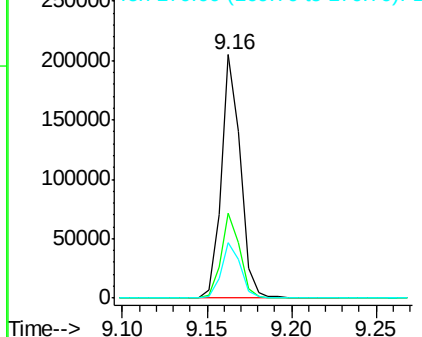
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

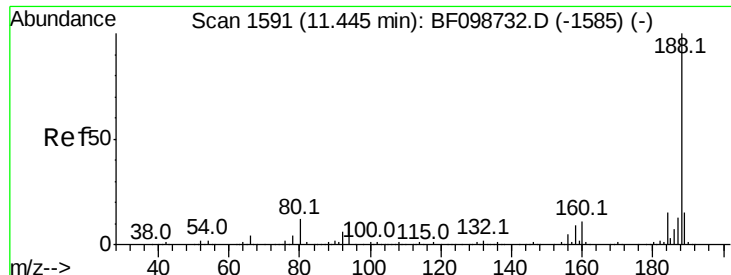


#44
 2-Fluorobiphenyl
 Concen: 19.057 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF099707.D
 Acq: 20 Oct 2017 18:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	23.0	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: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF099707.D

Acq: 20 Oct 2017 18:10

Instrument :

BNA_F

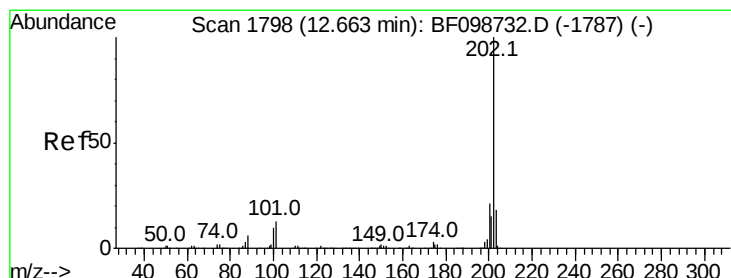
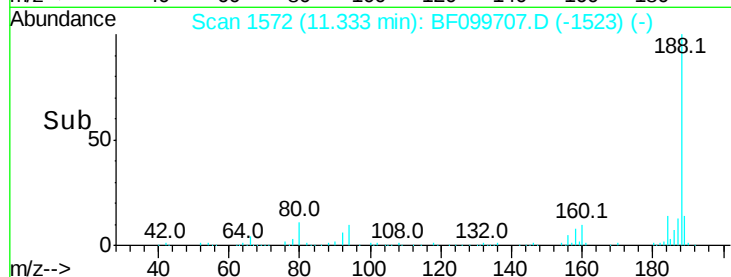
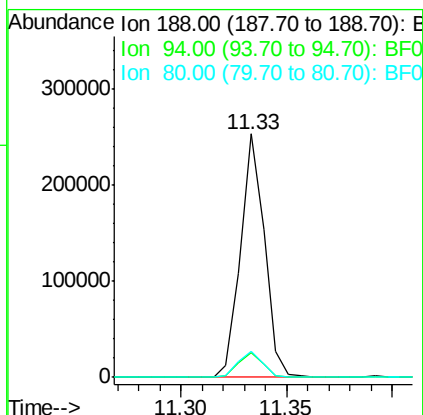
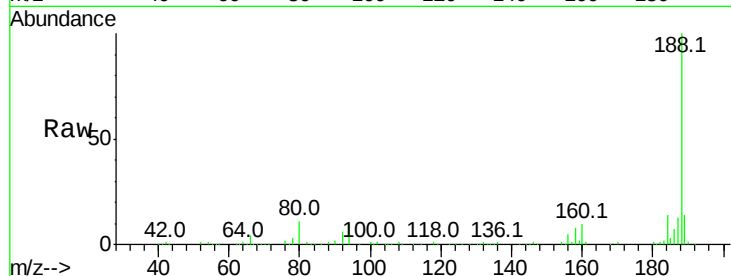
ClientSampleId :

NB-01-101817-B

Tot Ion:	188	Resp:	198968
Ion Ratio	Lower	Upper	
188	100		
94	10.3	8.5	12.7
80	10.8	9.2	13.8

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#74

Fluoranthene

Concen: 2.916 ng

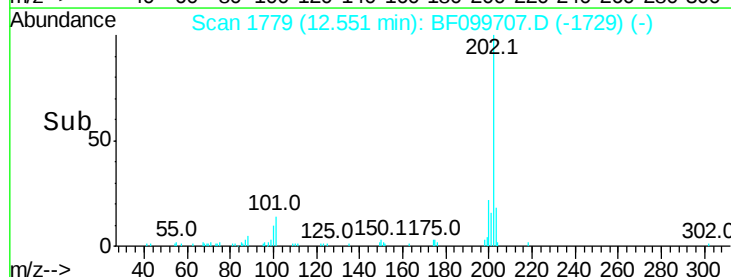
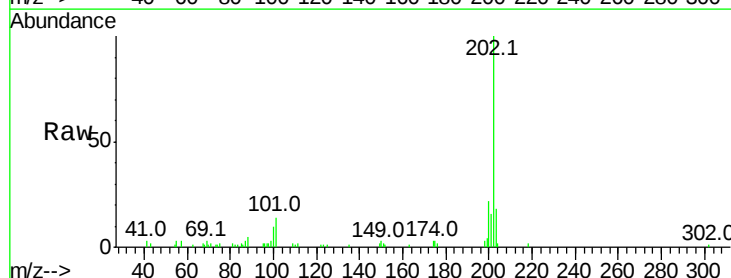
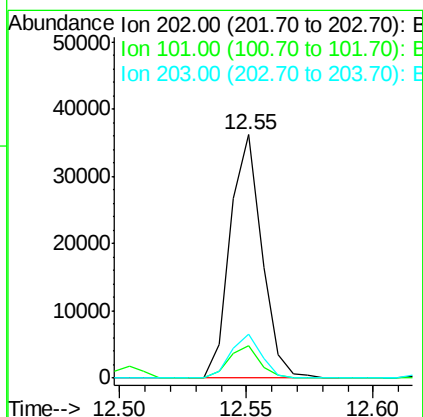
RT: 12.55 min Scan# 1779

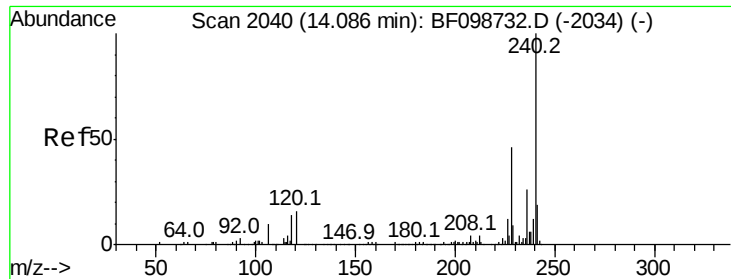
Delta R.T. -0.01 min

Lab File: BF099707.D

Acq: 20 Oct 2017 18:10

Tgt Ion:	202	Resp:	31443
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	34.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF099707.D

Acq: 20 Oct 2017 18:10

Instrument :

BNA_F

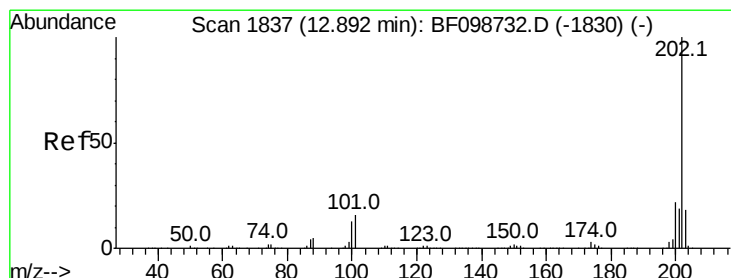
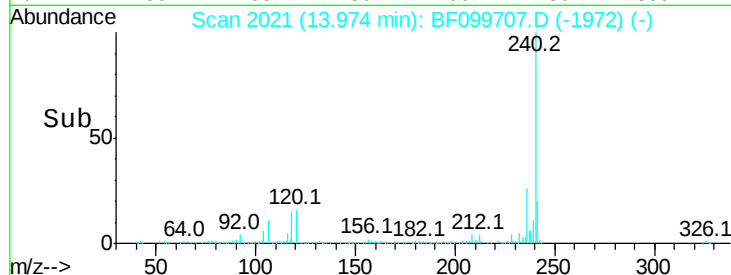
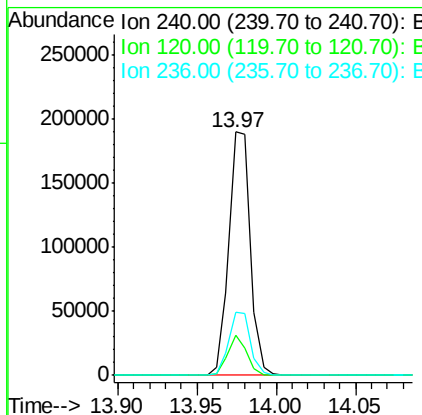
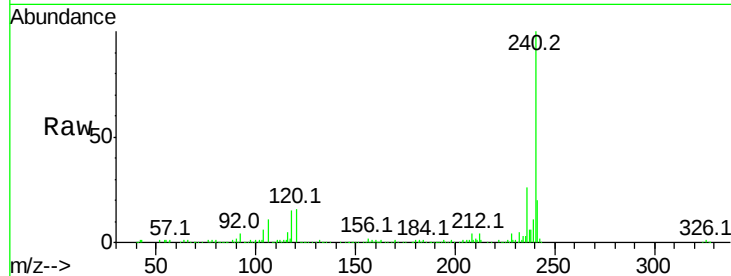
ClientSampleId :

NB-01-101817-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.4	9.5	14.3
236	26.0	20.7	31.1

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#77

Pyrene

Concen: 2.353 ng

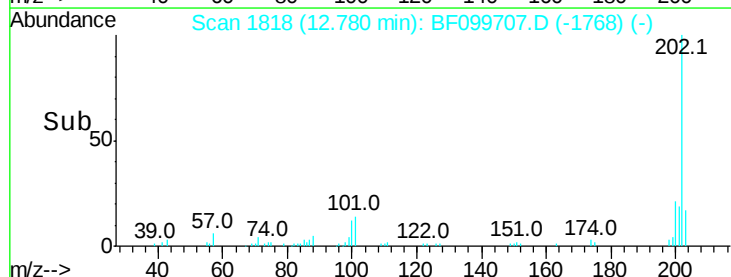
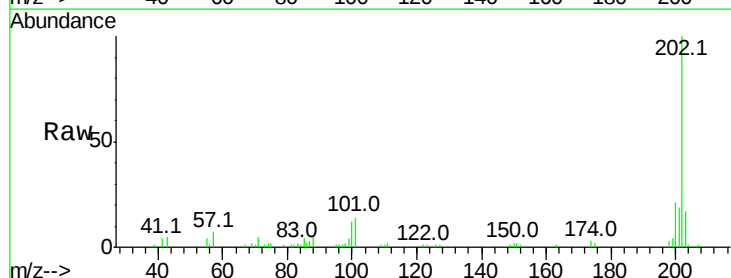
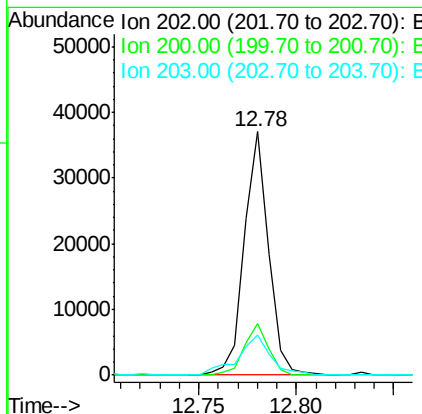
RT: 12.78 min Scan# 1818

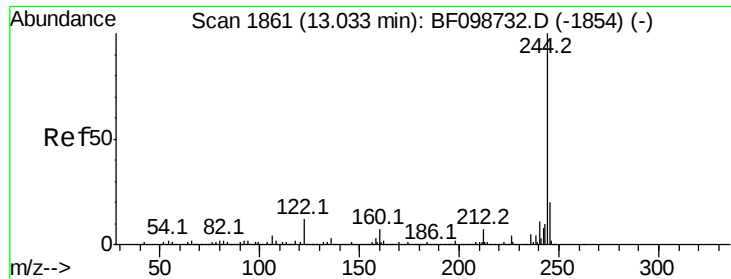
Delta R.T. -0.01 min

Lab File: BF099707.D

Acq: 20 Oct 2017 18:10

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	16.7	14.3	21.5





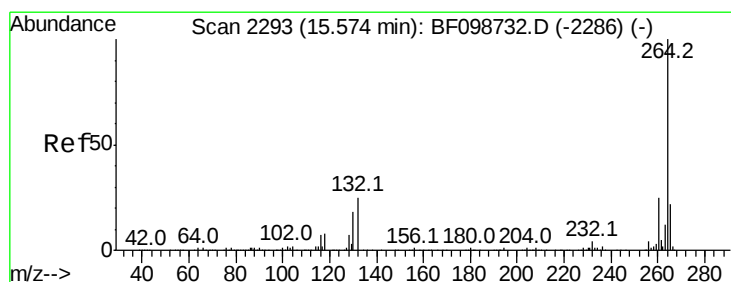
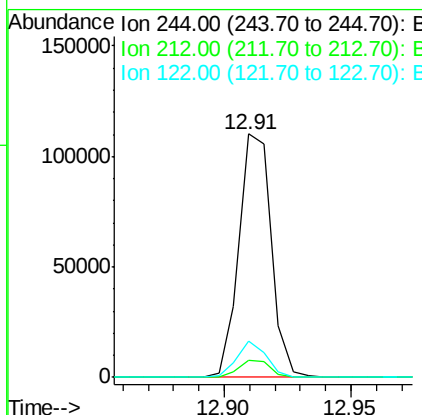
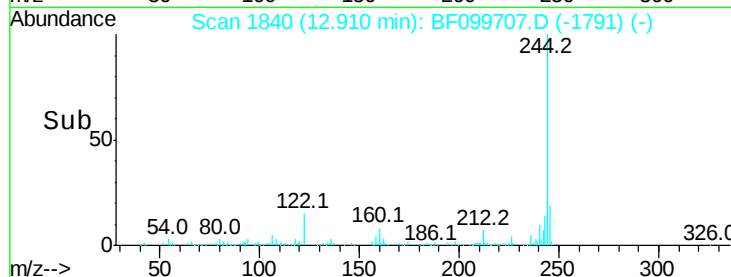
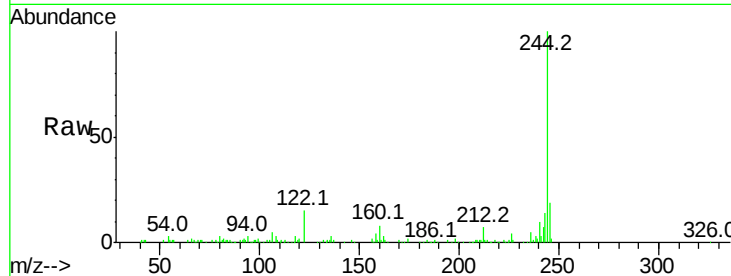
#78
 Terphenyl-d14
 Concen: 12.328 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF099707.D
 Acq: 20 Oct 2017 18:10

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-101817-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.8	11.0	16.4

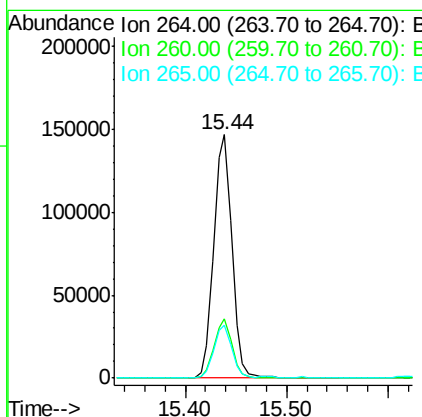
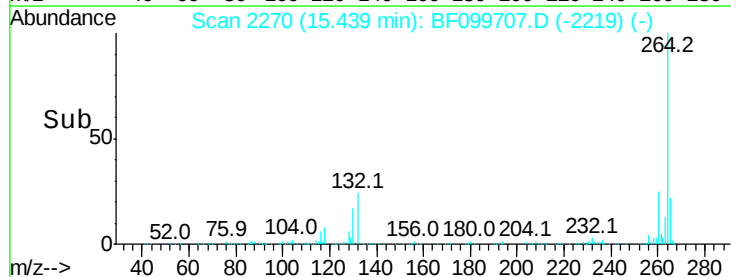
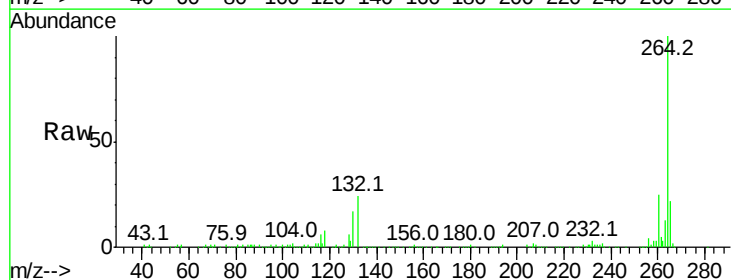
Manual Integrations
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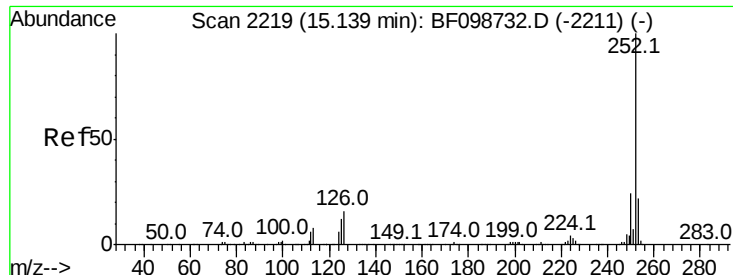
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF099707.D
 Acq: 20 Oct 2017 18:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.6	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.022 ng m
 RT: 15.02 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BF099707.D
 Acq: 20 Oct 2017 18:10

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-101817-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	18.4	9.0	13.6

Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:26:22 PM

