

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108749.D
 Acq On : 4 Sep 2018 19:00
 Operator : JU/SJ
 Sample : J4764-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP

Manual Integrations
 APPROVED

Sohil
 9/5/2018 12:47:41 PM

Quant Time: Sep 05 10:55:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	71549	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	298266	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	142750	20.00	ng	-0.02
63) Phenanthrene-d10	11.53	188	289789	20.00	ng	-0.02
75) Chrysene-d12	14.19	240	216548	20.00	ng	-0.01
86) Perylene-d12	15.74	264	157156	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	141479m	34.35	ng	-0.02
7) Phenol-d6	6.62	99	344618	58.42	ng	-0.02
23) Nitrobenzene-d5	7.56	82	210453	35.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.83	330	38611	20.49	ng	-0.02
44) 2-Fluorobiphenyl	9.34	172	402559	37.92	ng	-0.02
78) Terphenyl-d14	13.11	244	469313	42.11	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.74	163	115205	10.249	ng	99
74) Fluoranthene	12.75	202	78294	4.755	ng	95
77) Pyrene	12.98	202	70880	4.354	ng	98
80) Benzo(a)anthracene	14.18	228	36163m	2.739	ng	
82) Chrysene	14.21	228	28488	2.244	ng	99
87) Benzo(b)fluoranthene	15.28	252	30580m	3.168	ng	
89) Benzo(a)pyrene	15.68	252	20685	2.371	ng	# 90

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

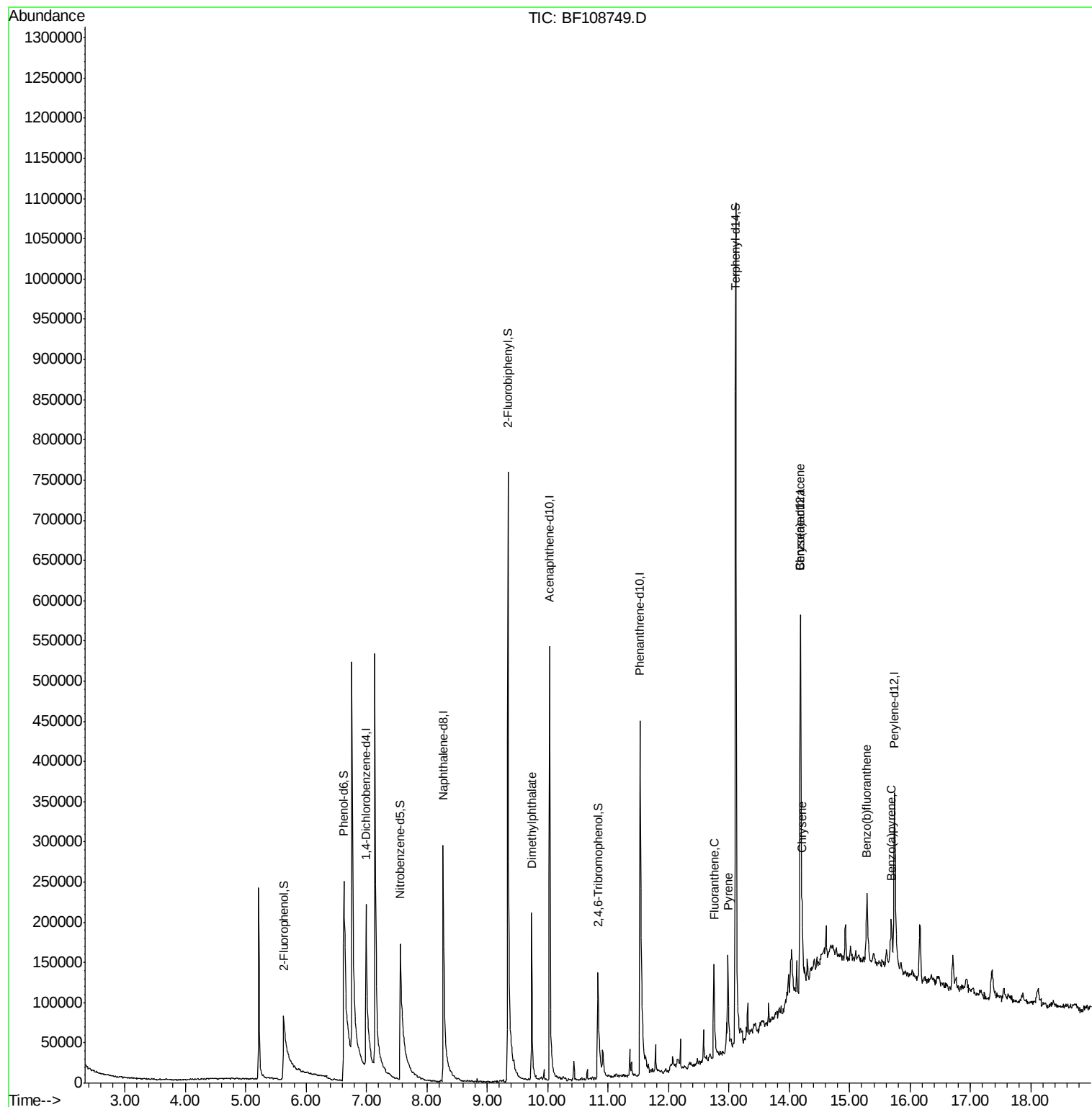
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108749.D
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#1

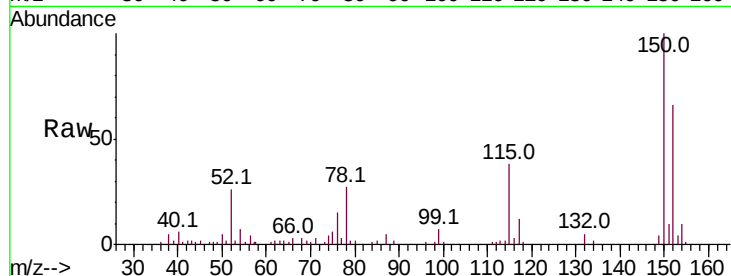
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108749.D
Acq: 4 Sep 2018 19:00

Instrument :
BNA_F
ClientSampled :
SP

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	124.6	186.8
115	57.4	50.1	75.1

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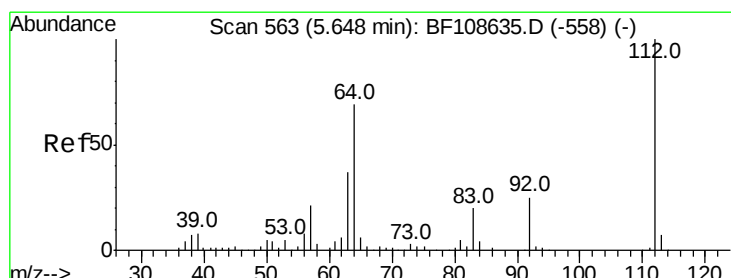
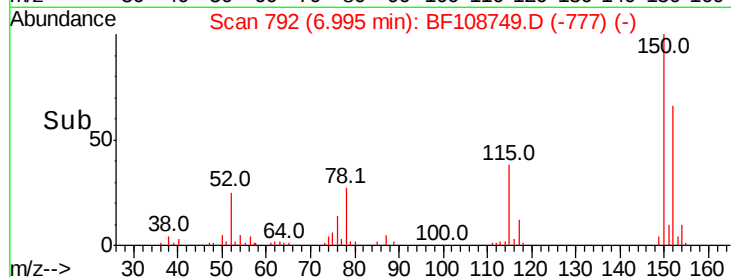
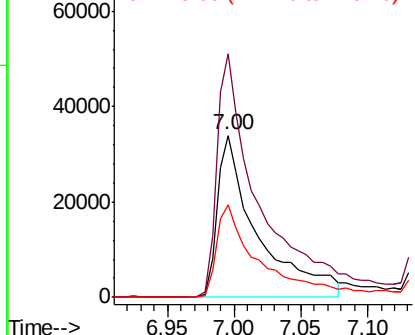


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

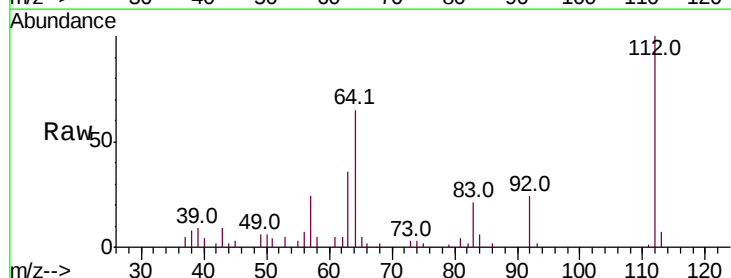
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 34.351 ng m
RT: 5.63 min Scan# 560
Delta R.T. -0.02 min
Lab File: BF108749.D
Acq: 4 Sep 2018 19:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	47.9	71.9
63	36.4	23.7	35.5

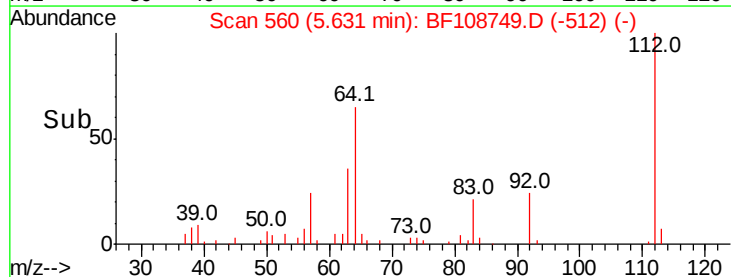
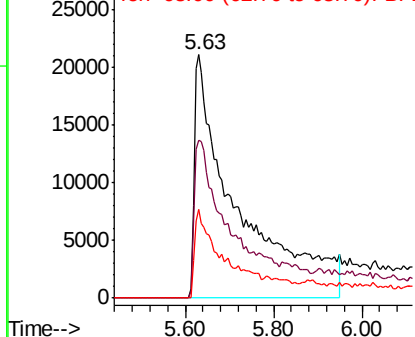


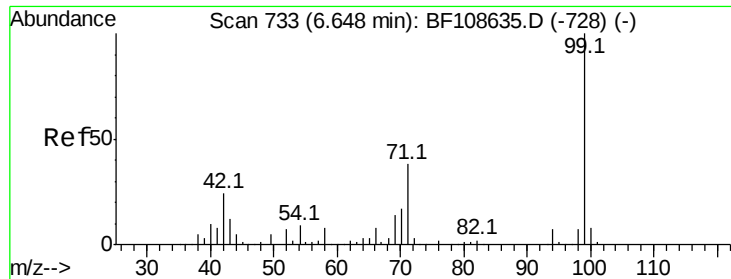
Abundance

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: 58.420 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF108749.D

Acq: 4 Sep 2018 19:00

Instrument :

BNA_F

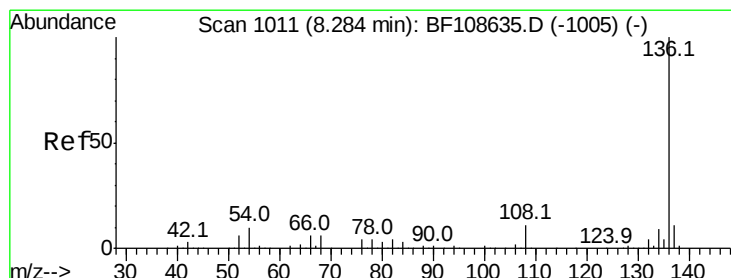
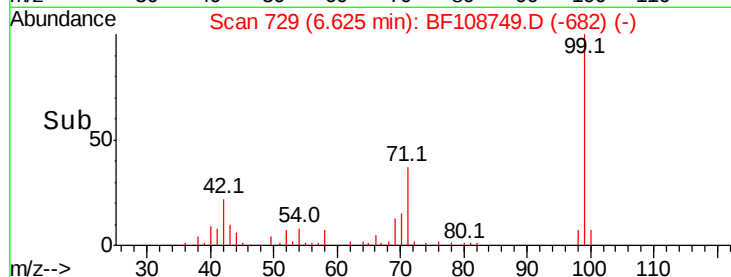
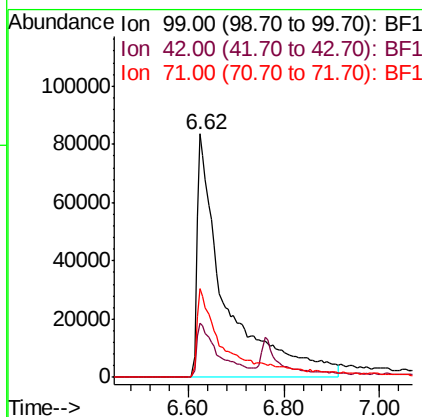
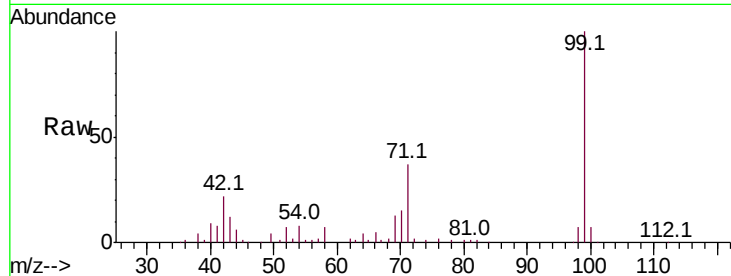
ClientSampled :

SP

Tot Ion:	99	Resp:	344618
Ion Ratio	Lower	Upper	
99	100		
42	22.3	14.5	21.7#
71	36.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

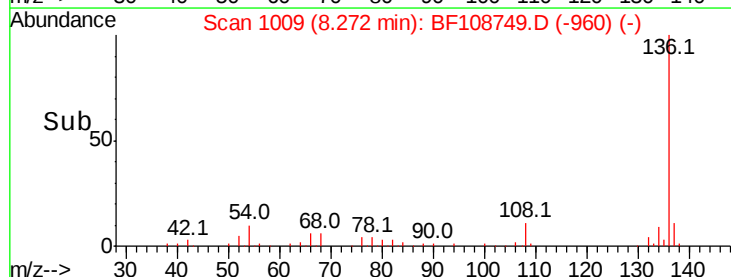
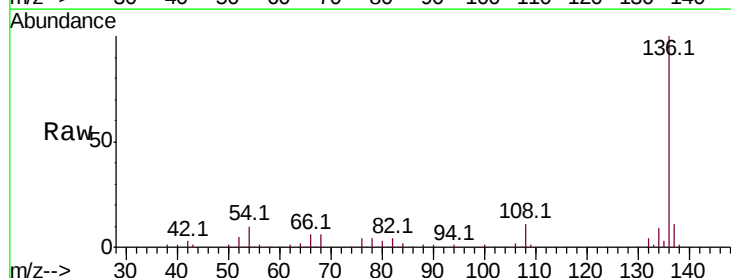
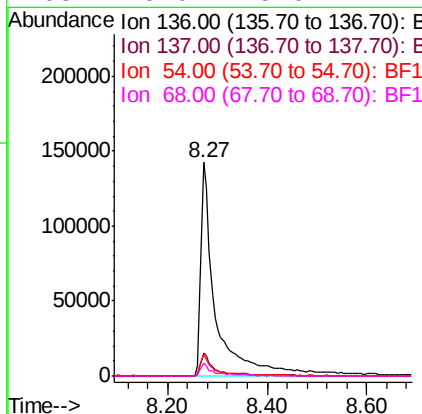
RT: 8.27 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF108749.D

Acq: 4 Sep 2018 19:00

Tgt Ion:	136	Resp:	298266
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.9	13.3
54	10.3	6.6	9.8#
68	6.0	5.0	7.4





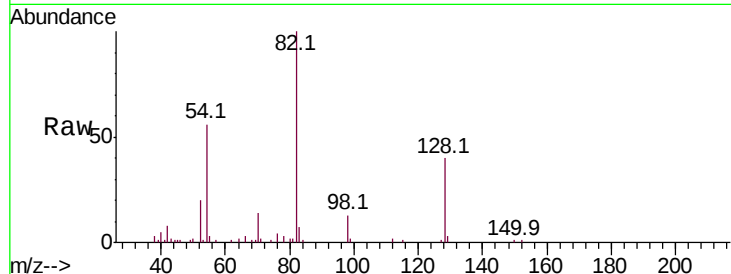
#23
 Nitrobenzene-d5
 Concen: 35.815 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108749.D
 Acq: 4 Sep 2018 19:00

Instrument :
 BNA_F
 ClientSampled :
 SP

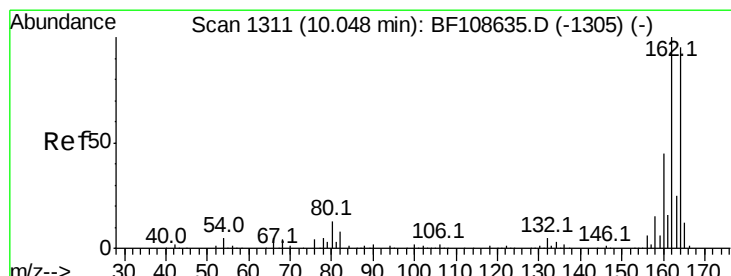
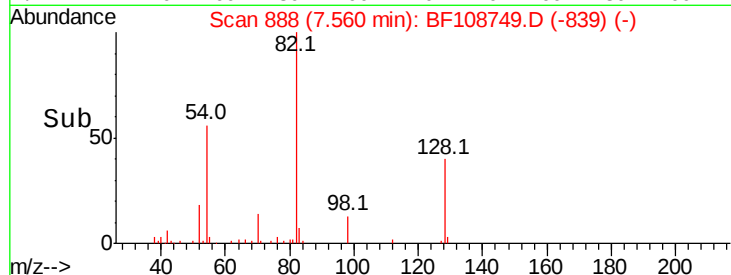
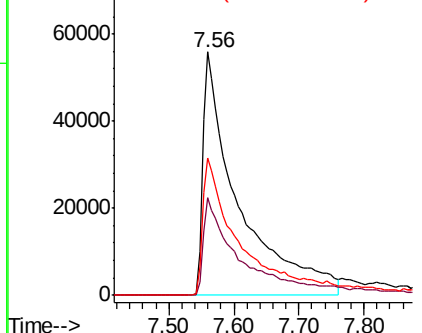
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	36.1	54.1
54	56.4	41.4	62.2

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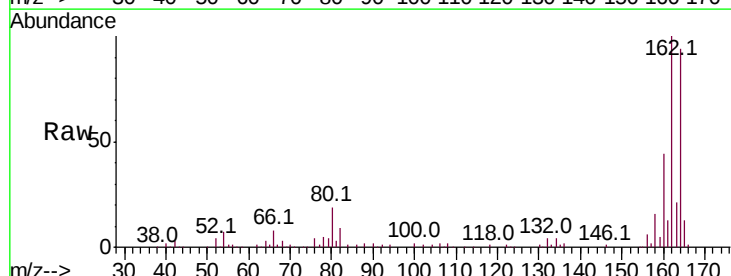


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

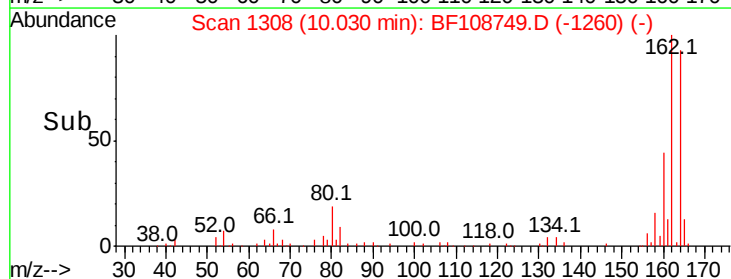
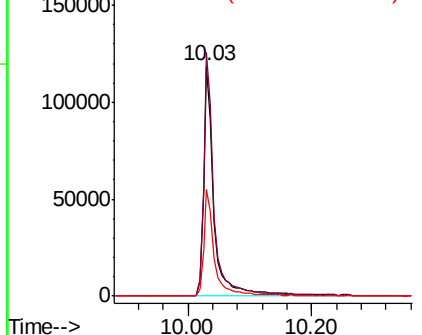


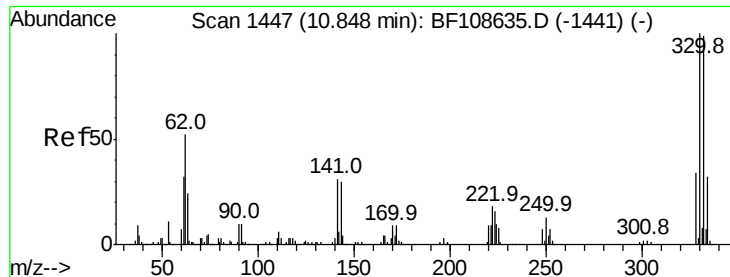
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF108749.D
 Acq: 4 Sep 2018 19:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	46.2	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





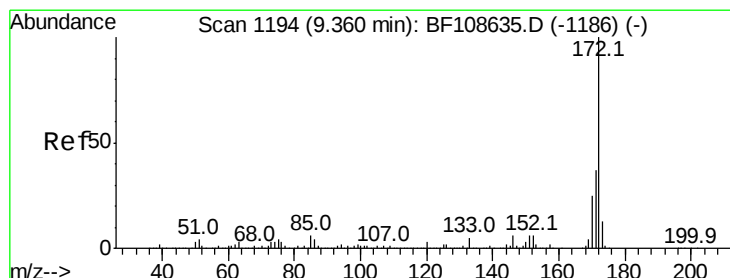
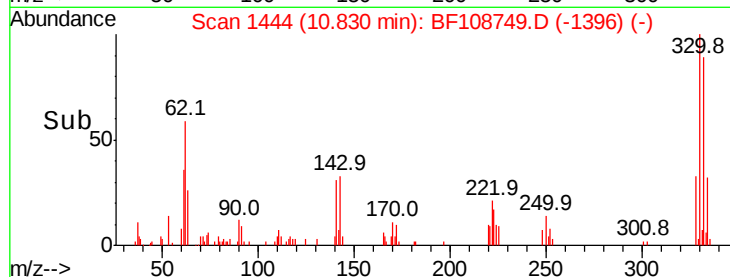
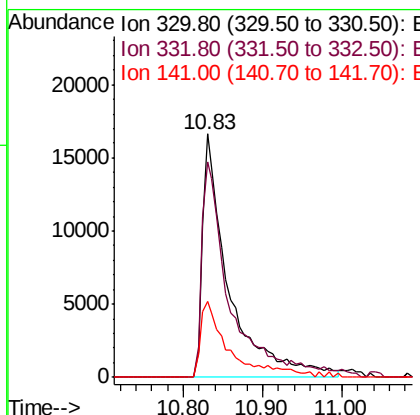
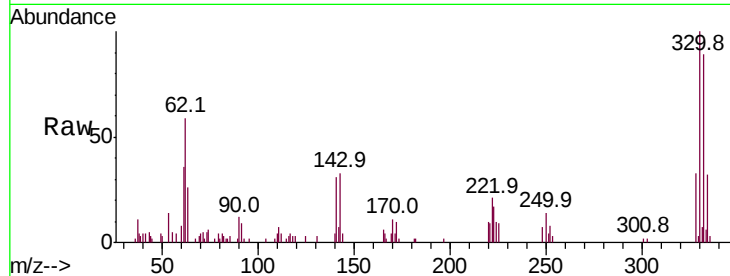
#41
 2,4,6-Tribromophenol
 Concen: 20.489 ng
 RT: 10.83 min Scan# 1444
 Delta R.T. -0.02 min
 Lab File: BF108749.D
 Acq: 4 Sep 2018 19:00

Instrument :
 BNA_F
 ClientSampled :
 SP

Tot Ion	Ratio	Lower	Upper
330	100		
332	87.3	77.0	115.6
141	33.9	29.9	44.9

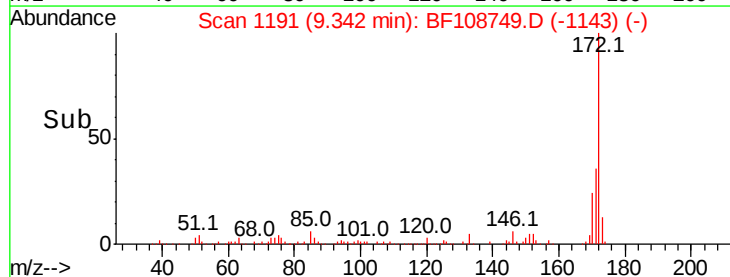
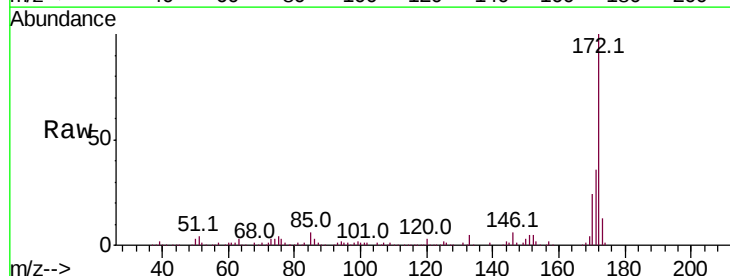
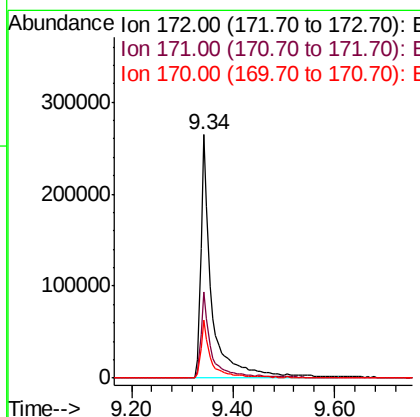
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#44
 2-Fluorobiphenyl
 Concen: 37.917 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF108749.D
 Acq: 4 Sep 2018 19:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.7	19.6	29.4





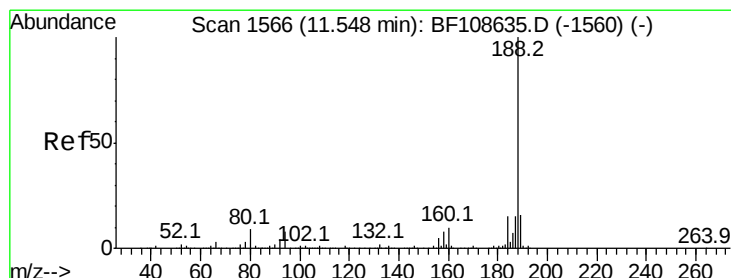
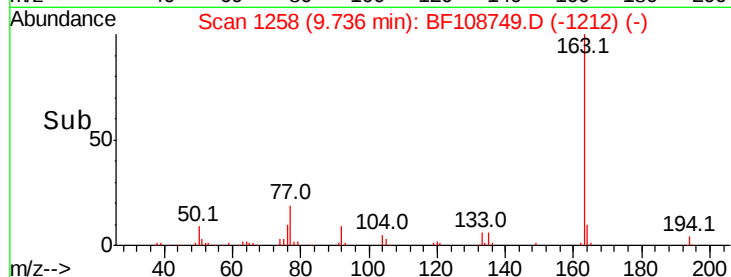
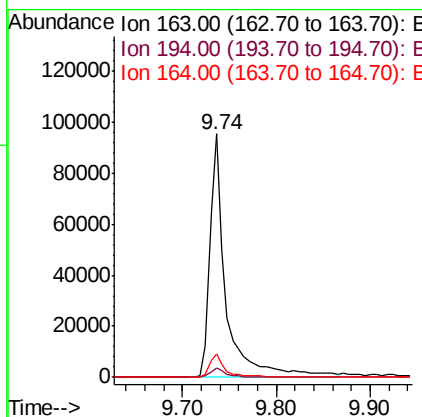
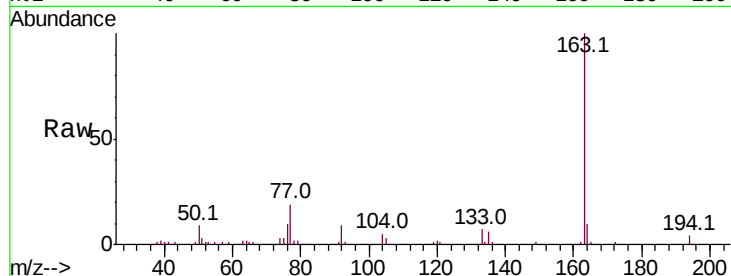
#49
 Dimethylphthalate
 Concen: 10.249 ng
 RT: 9.74 min Scan# 1258
 Delta R.T. -0.03 min
 Lab File: BF108749.D
 Acq: 4 Sep 2018 19:00

Instrument :
 BNA_F
 ClientSampled :
 SP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	115205		
194	4.1	2.7	4.1	
164	9.7	8.2	12.2	

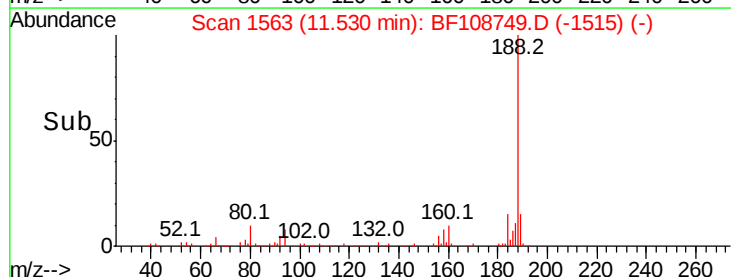
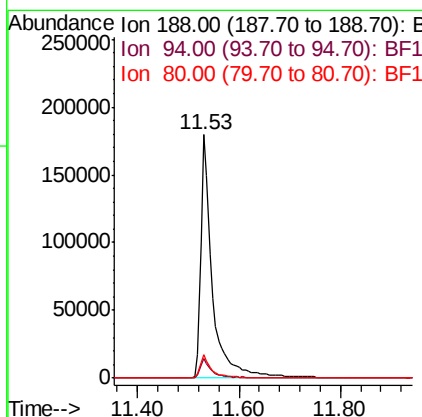
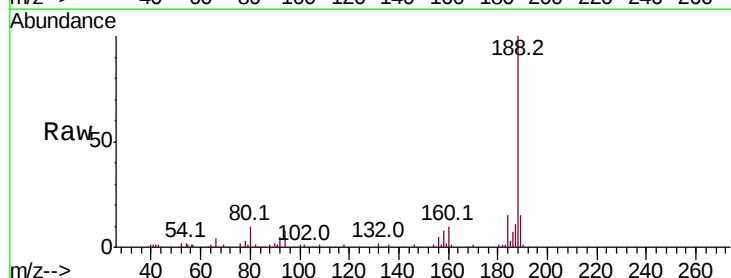
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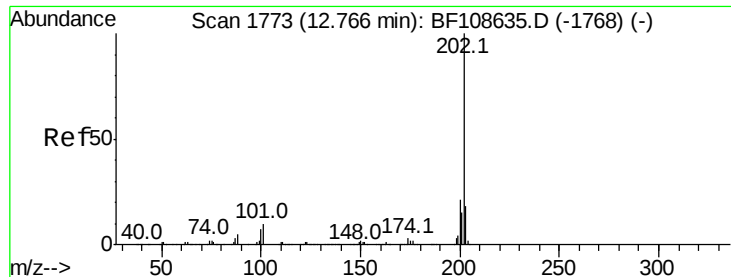
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: BF108749.D
 Acq: 4 Sep 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	289789		
94	8.1	8.5	12.7#	
80	9.8	9.2	13.8	





#74

Fluoranthene

Concen: 4.755 ng

RT: 12.75 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BF108749.D

Acq: 4 Sep 2018 19:00

Instrument :

BNA_F

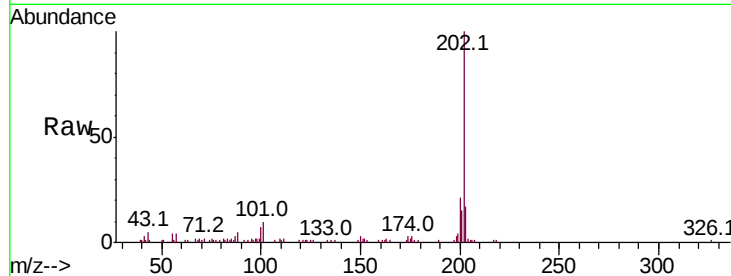
ClientSampleId :

SP

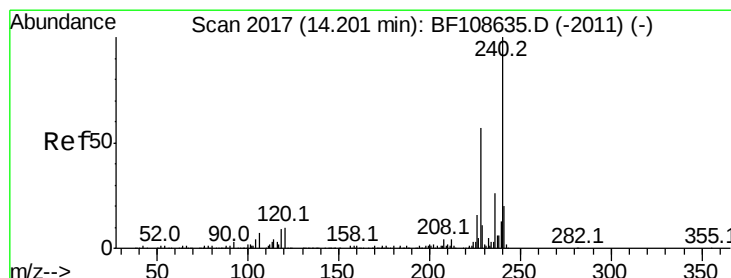
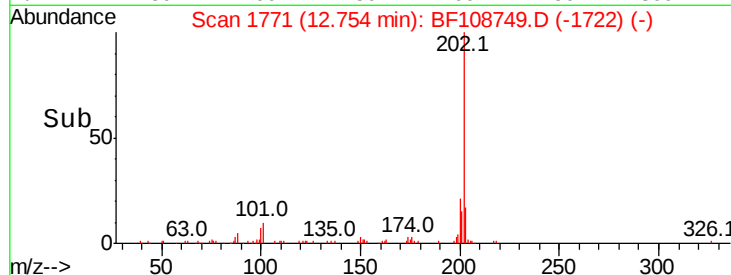
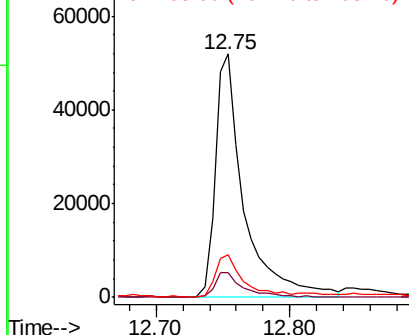
Tot Ion:	202	Resp:	78294
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	34.1
203	17.4	0.0	38.1

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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: 14.19 min Scan# 2015

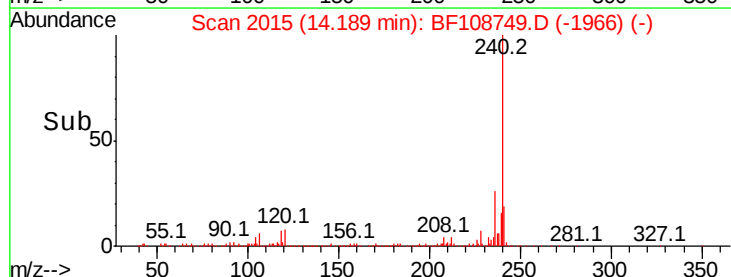
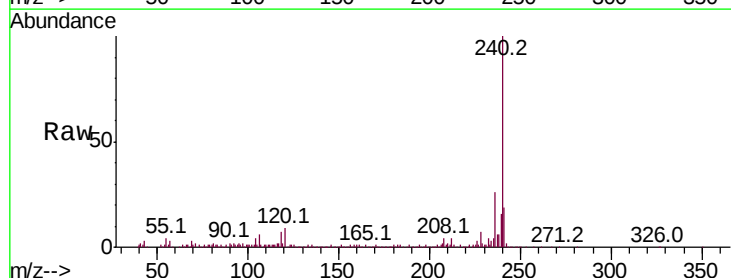
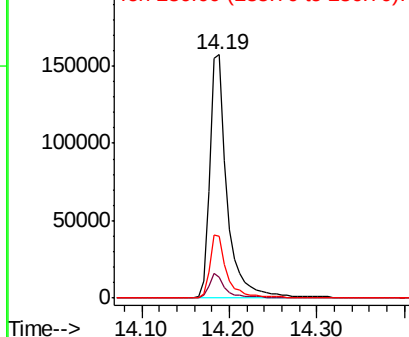
Delta R.T. -0.01 min

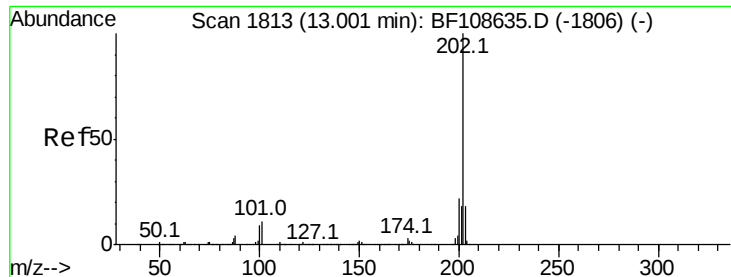
Lab File: BF108749.D

Acq: 4 Sep 2018 19:00

Tgt Ion:	240	Resp:	216548
Ion Ratio	Lower	Upper	
240	100		
120	8.6	9.5	14.3#
236	25.6	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





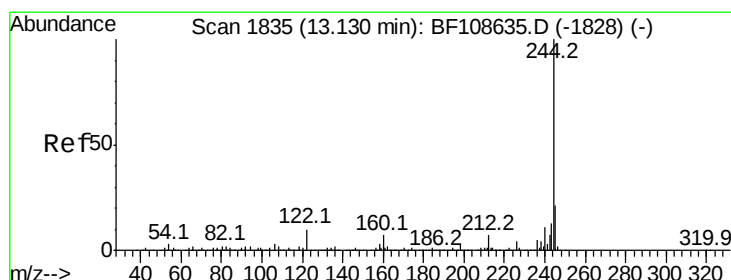
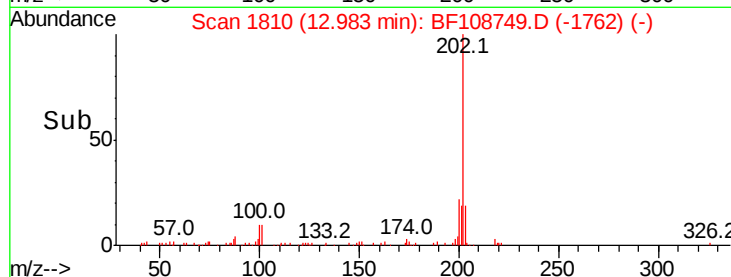
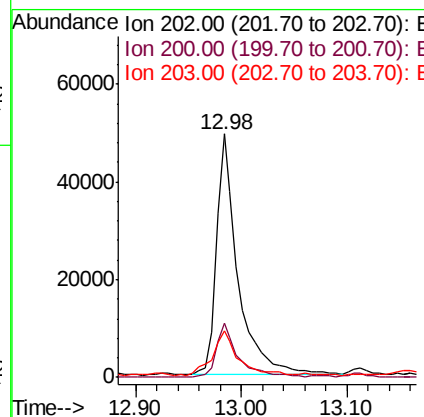
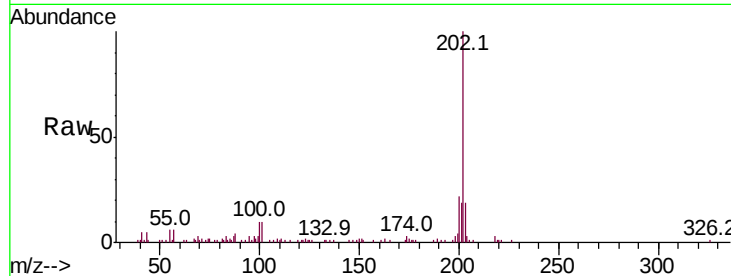
#77
Pvrene
Concen: 4.354 ng
RT: 12.98 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF108749.D
Acq: 4 Sep 2018 19:00

Instrument :
BNA_F
ClientSampleId :
SP

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	19.3	14.3	21.5

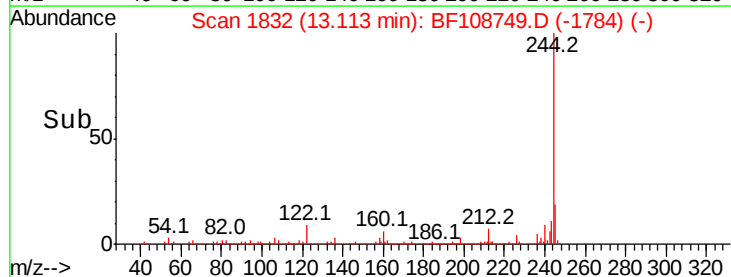
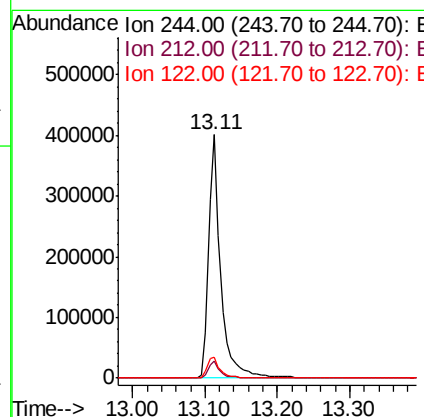
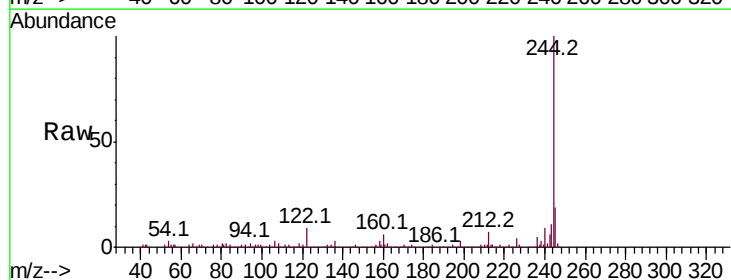
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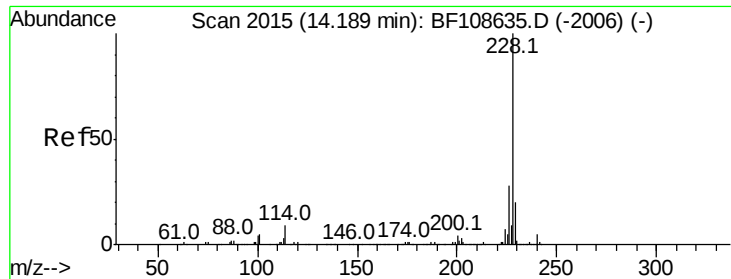
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#78
Terphenyl-d14
Concen: 42.109 ng
RT: 13.11 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF108749.D
Acq: 4 Sep 2018 19:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	8.7	11.0	16.4#





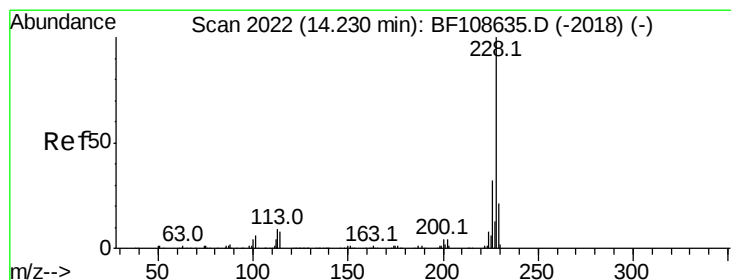
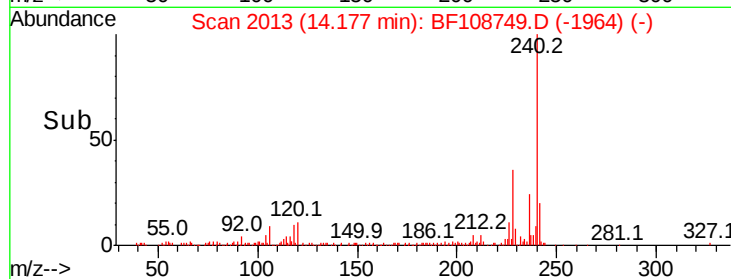
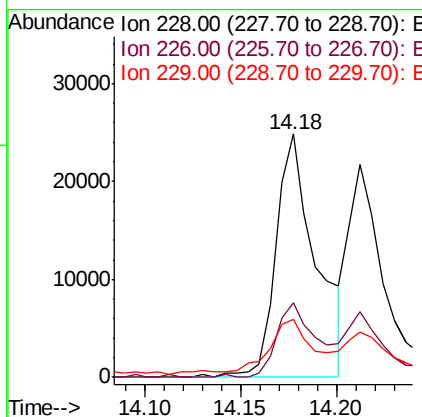
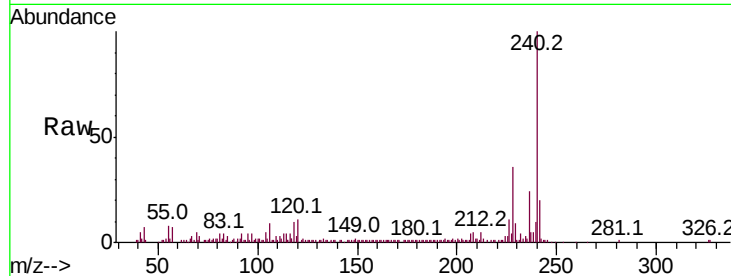
#80
Benzo(a)anthracene
Concen: 2.739 ng m
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF108749.D
Acq: 4 Sep 2018 19:00

Instrument :
BNA_F
ClientSampled :
SP

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	23.9	15.8	23.6

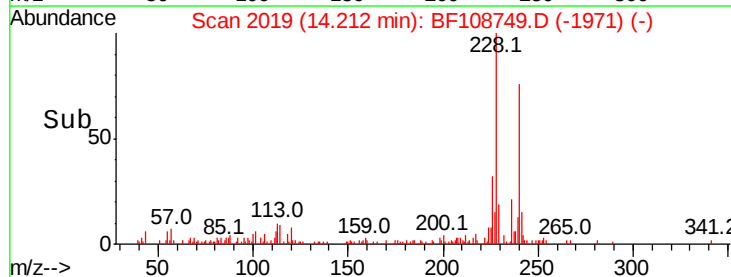
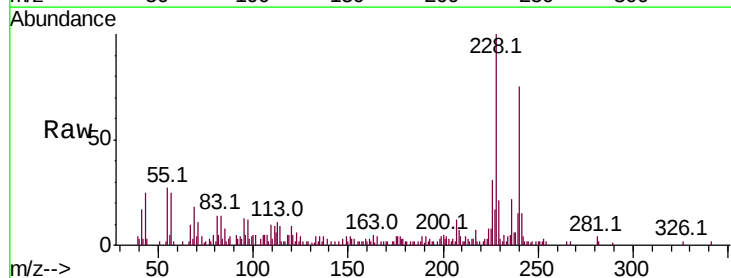
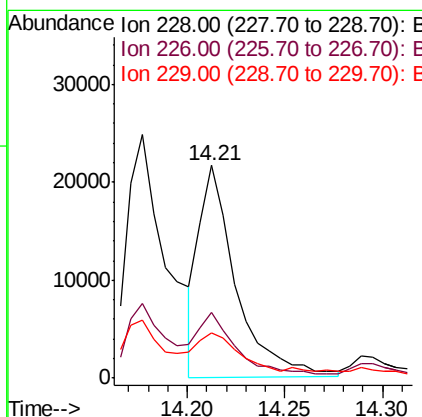
Manual Integrations
APPROVED

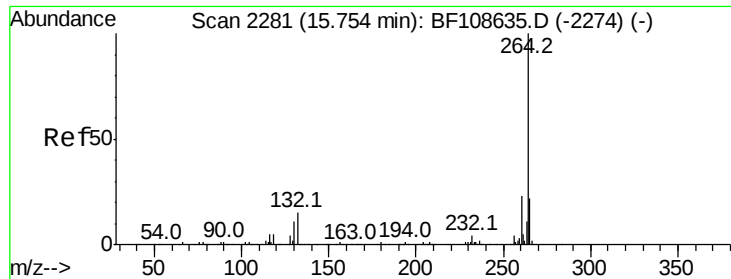
Sohil
9/5/2018 12:47:41 PM



#82
Chrysene
Concen: 2.244 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF108749.D
Acq: 4 Sep 2018 19:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	21.0	16.2	24.4





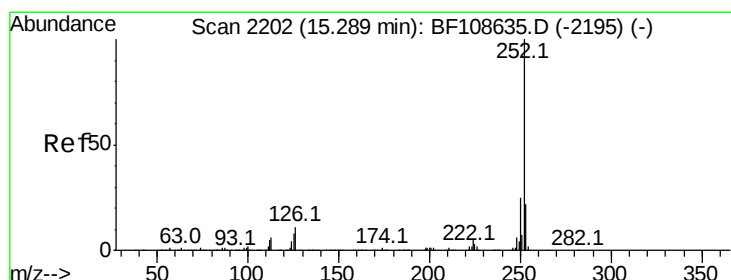
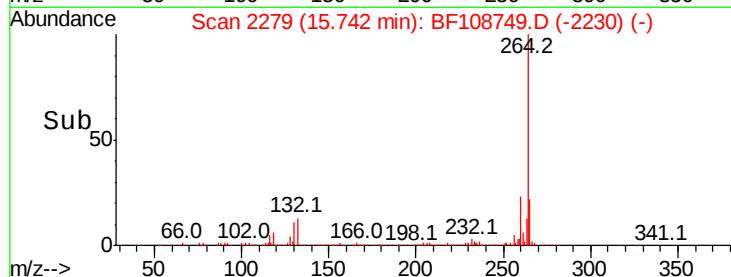
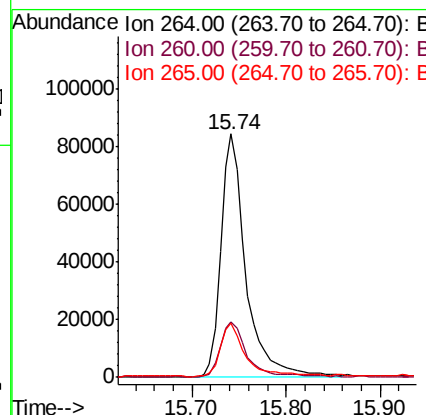
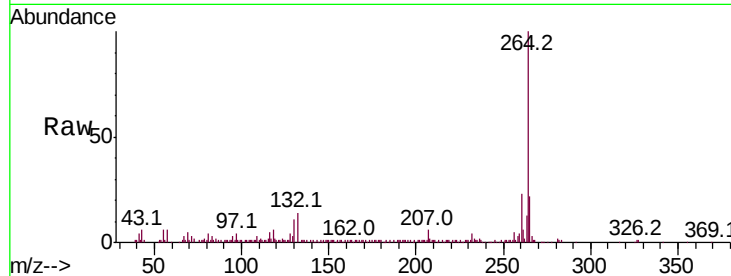
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF108749.D
Acq: 4 Sep 2018 19:00

Instrument :
BNA_F
ClientSampled :
SP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.3	17.5	26.3

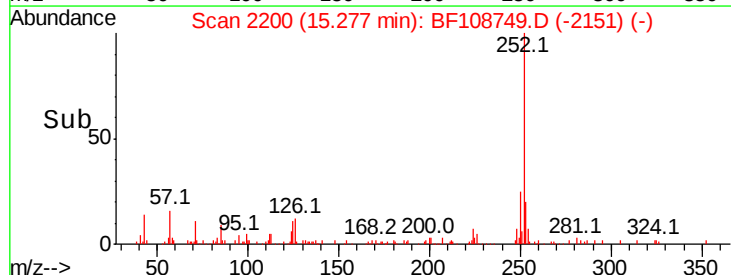
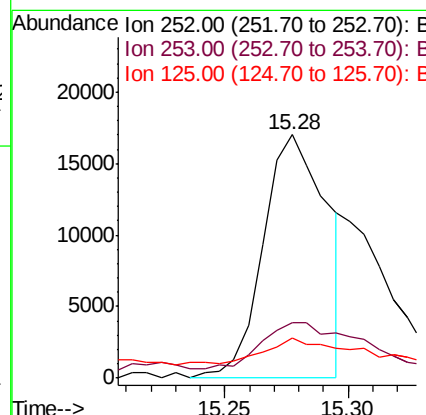
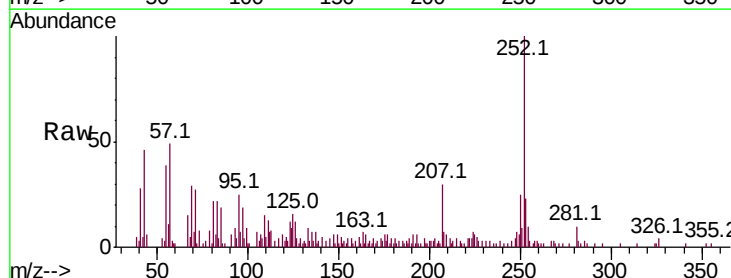
Manual Integrations
APPROVED

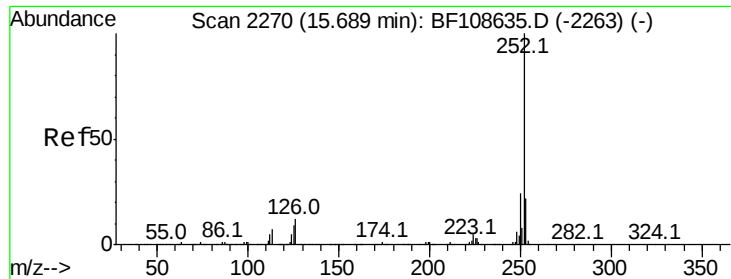
Sohil
9/5/2018 12:47:41 PM



#87
Benzo(b)fluoranthene
Concen: 3.168 ng m
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108749.D
Acq: 4 Sep 2018 19:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	16.3	9.0	13.6





#89

Benzo(a)pyrene

Concen: 2.371 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF108749.D

Acq: 4 Sep 2018 19:00

Instrument :

BNA_F

ClientSampleId :

SP

Tot Ion:	252	Resp:	20685
Ion Ratio	Lower	Upper	
252	100		
253	26.2	17.1	25.7#
125	16.4	9.8	14.6#

Manual Integrations
APPROVED

Sohil
9/5/2018 12:47:41 PM

