

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108698.D
 Acq On : 31 Aug 2018 19:23
 Operator : JU/SJ
 Sample : J4720-05 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BZTRANS-5

Manual Integrations
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Quant Time: Sep 01 04:08:47 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	65677	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	313148	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	134286	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	242230	20.00	ng	0.00
75) Chrysene-d12	14.19	240	232379	20.00	ng	0.00
86) Perylene-d12	15.75	264	173678	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	25209m	6.67	ng	0.20
7) Phenol-d6	6.70	99	61942m	11.44	ng	0.05
23) Nitrobenzene-d5	7.62	82	52438m	8.50	ng	0.05
41) 2,4,6-Tribromophenol	10.84	330	17206	9.71	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	107135	10.73	ng	0.00
78) Terphenyl-d14	13.12	244	108114	9.04	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.75	163	32725	3.095	ng	Qvalue # 99
70) Phenanthrene	11.57	178	68845	5.631	ng	97
74) Fluoranthene	12.76	202	90769	6.595	ng	94
77) Pyrene	12.99	202	70260	4.022	ng	98
82) Chrysene	14.22	228	31748	2.330	ng	98
87) Benzo(b)fluoranthene	15.29	252	34889m	3.270	ng	
89) Benzo(a)pyrene	15.69	252	21692	2.250	ng	# 93

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

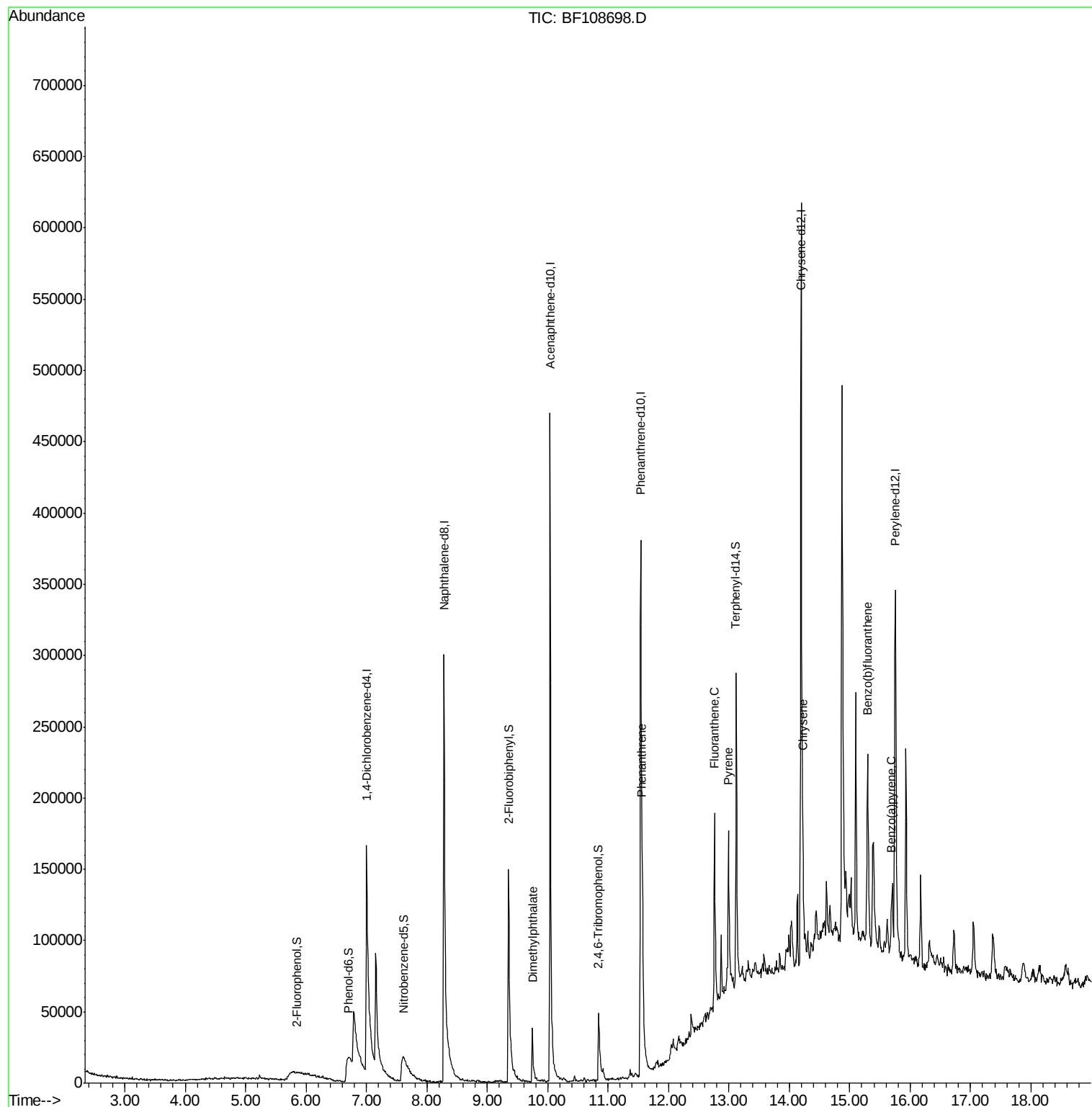
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108698.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

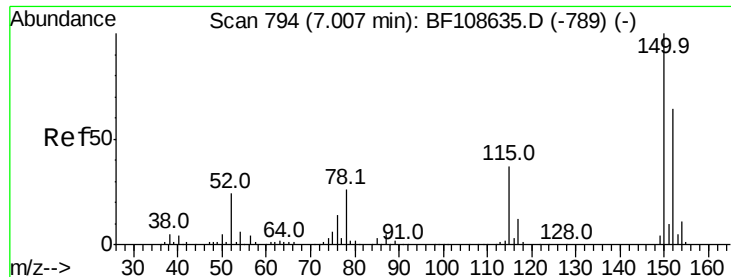
Instrument :
BNA_F
ClientSampleId :
BZTRANS-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

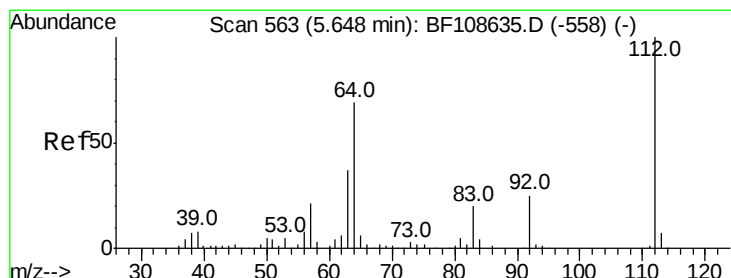
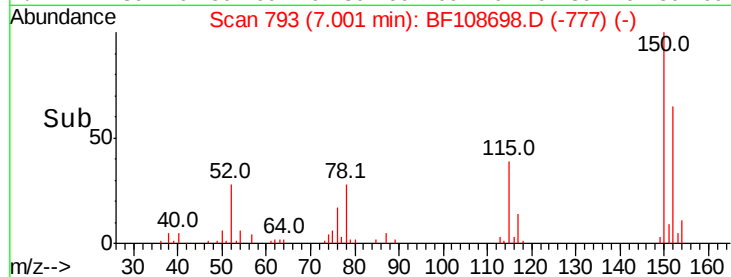
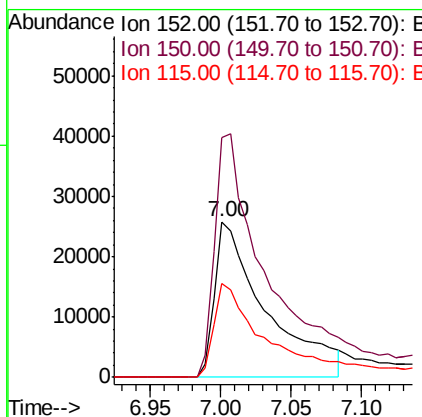
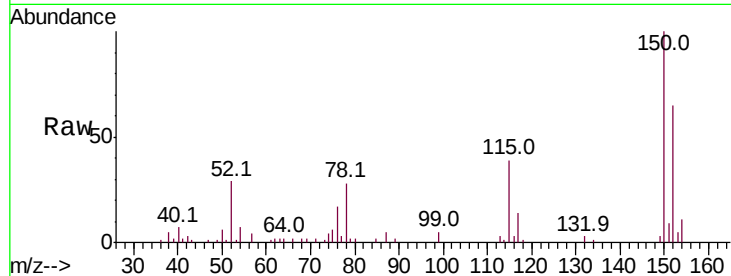
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.00 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF108698.D
 Acq: 31 Aug 2018 19:23

Instrument :
 BNA_F
 ClientSampleId :
 BZTRANS-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	60.2	50.1	75.1

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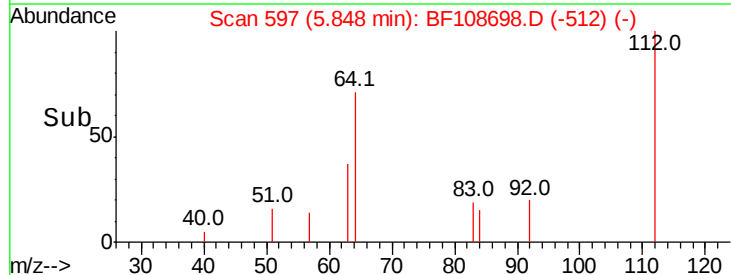
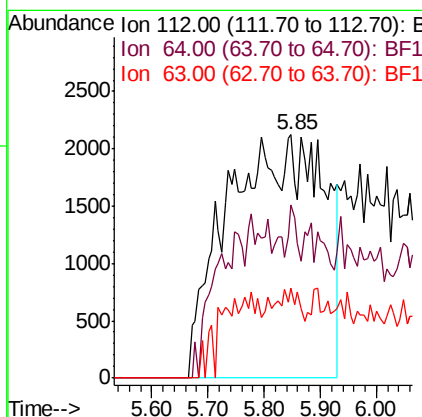
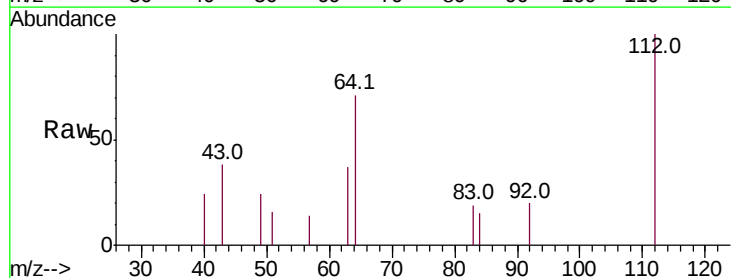
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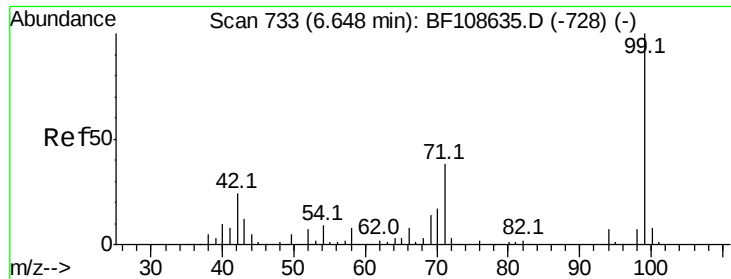


#5

2-Fluorophenol
 Concen: 6.668 ng m
 RT: 5.85 min Scan# 597
 Delta R.T. 0.20 min
 Lab File: BF108698.D
 Acq: 31 Aug 2018 19:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	47.9	71.9
63	37.1	23.7	35.5#





#7

Phenol-d6

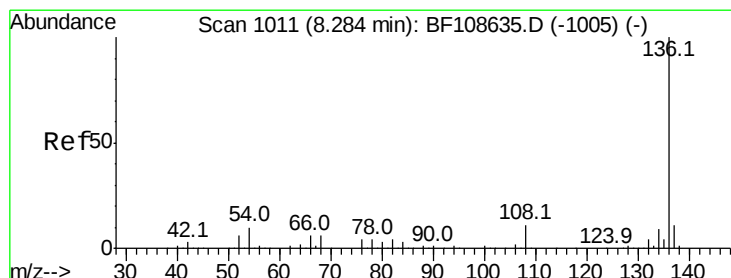
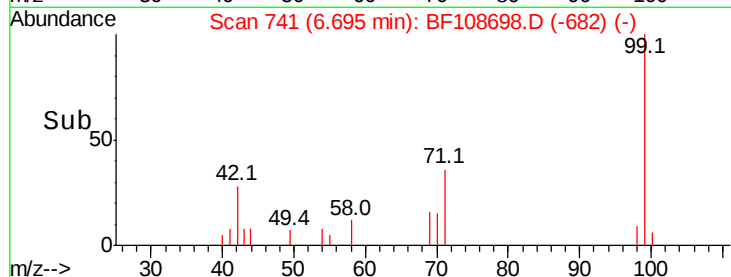
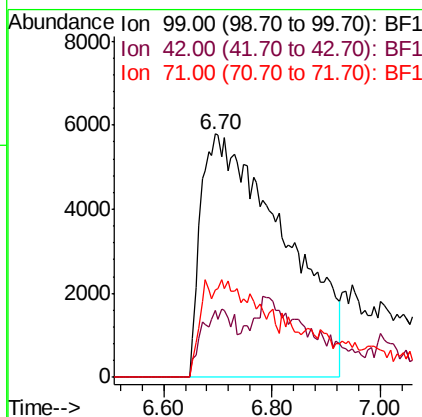
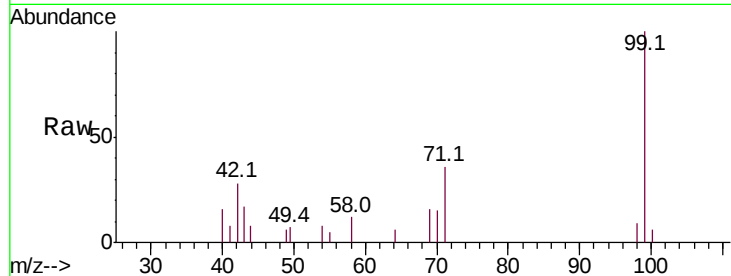
Concen: 11.439 ng/ml
 RT: 6.70 min Scan# 741
 Delta R.T. 0.05 min
 Lab File: BF108698.D
 Acq: 31 Aug 2018 19:23

Instrument :
 BNA_F
 ClientSampleId :
 BZTRANS-5

Tot Ion	Ratio	Lower	Upper
99	100		
42	27.5	14.5	21.7#
71	35.7	25.4	38.0

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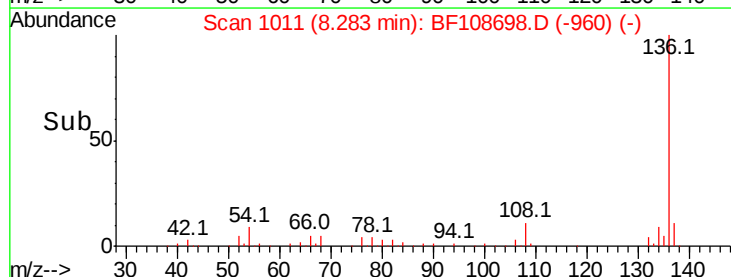
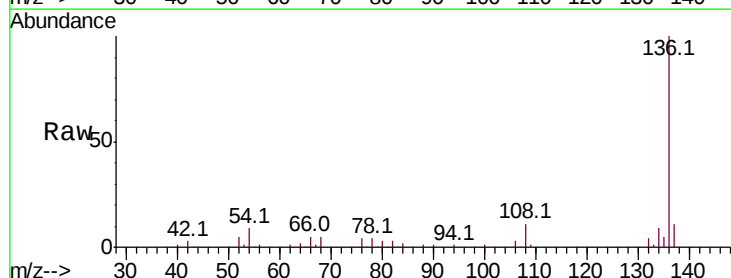
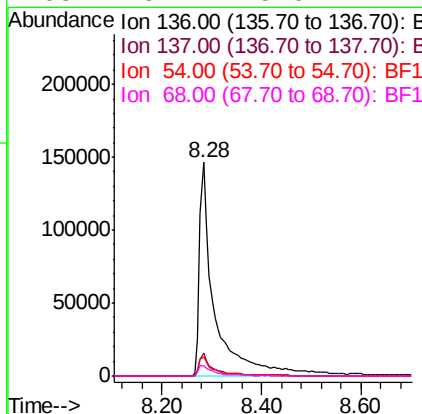


#21

Naphthalene-d8

Concen: 20.000 ng
 RT: 8.28 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF108698.D
 Acq: 31 Aug 2018 19:23

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.8	6.6	9.8
68	5.1	5.0	7.4





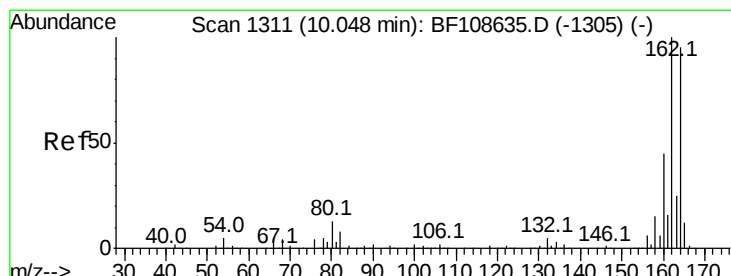
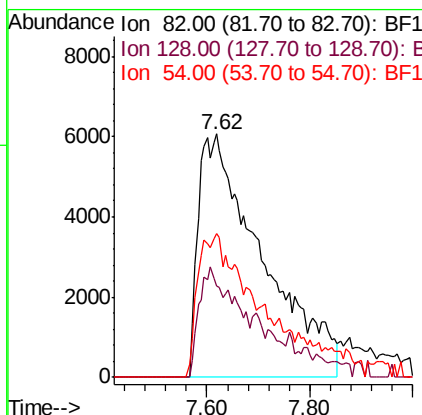
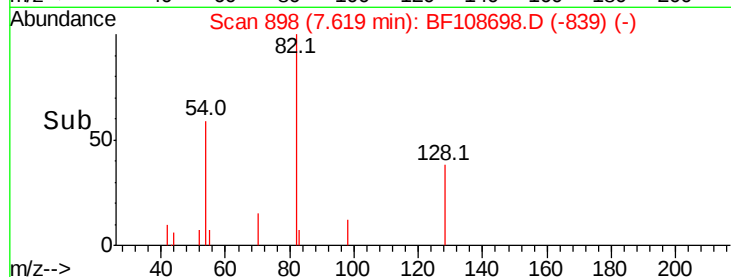
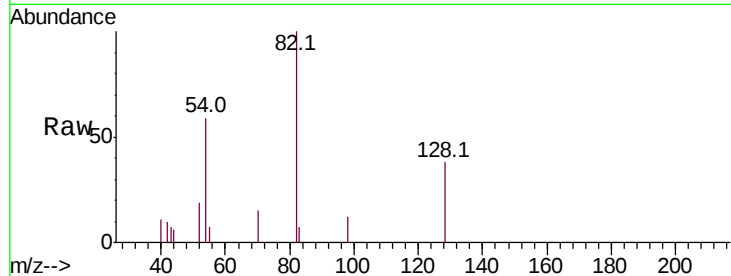
#23
 Nitrobenzene-d5
 Concen: 8.500 ng/ml
 RT: 7.62 min Scan# 898
 Delta R.T. 0.05 min
 Lab File: BF108698.D
 Acq: 31 Aug 2018 19:23

Instrument :
 BNA_F
 ClientSampleId :
 BZTRANS-5

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.7	36.1	54.1
54	58.9	41.4	62.2

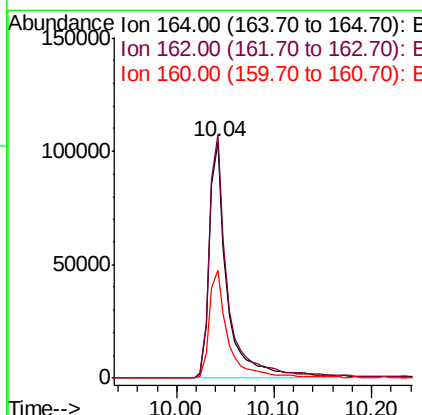
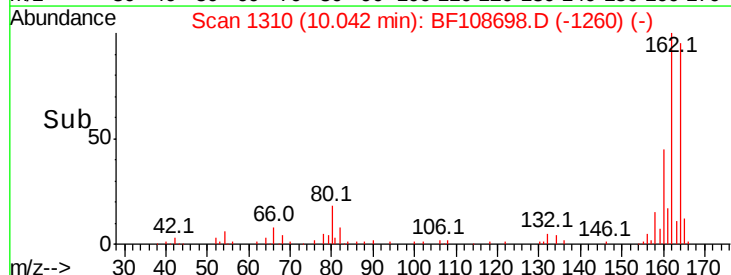
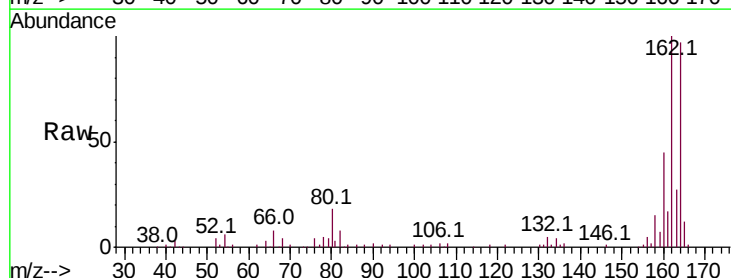
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108698.D
 Acq: 31 Aug 2018 19:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	45.9	38.3	57.5





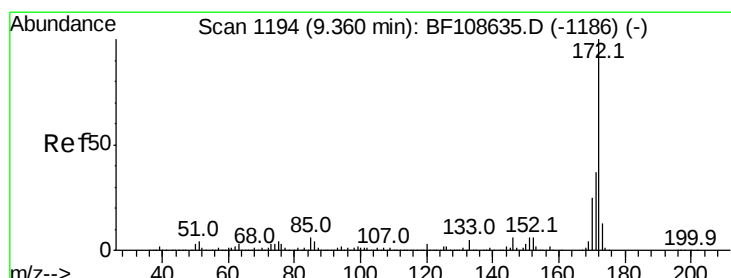
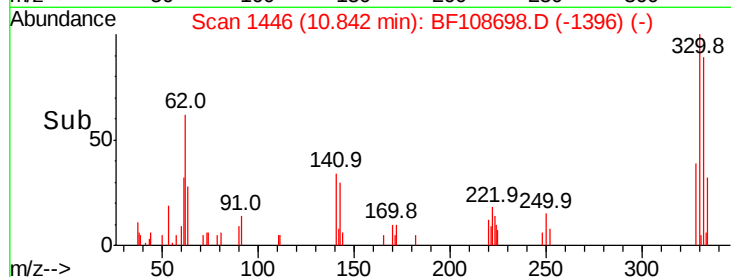
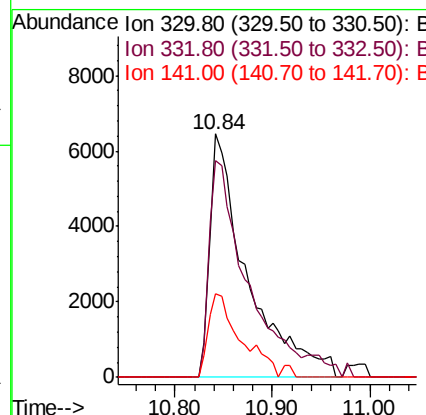
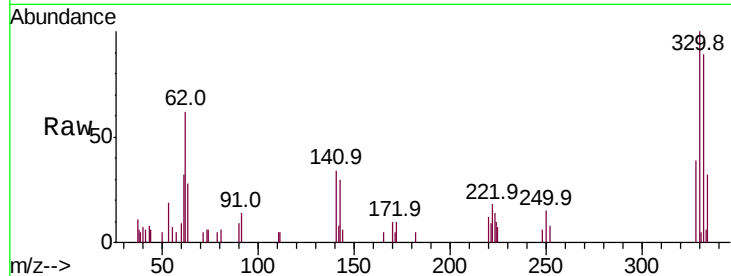
#41
 2,4,6-Tribromophenol
 Concen: 9.706 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108698.D
 Acq: 31 Aug 2018 19:23

Instrument :
 BNA_F
 ClientSampleId :
 BZTRANS-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	87.5	77.0	115.6
141	29.4	29.9	44.9#

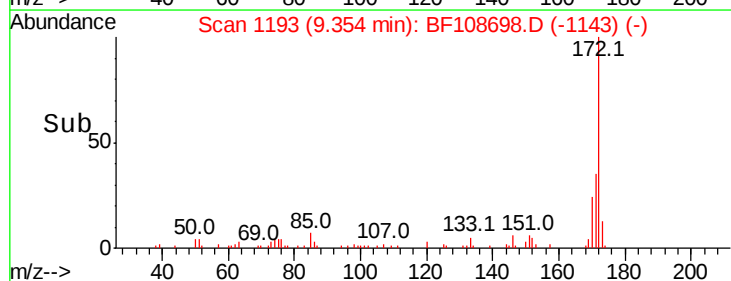
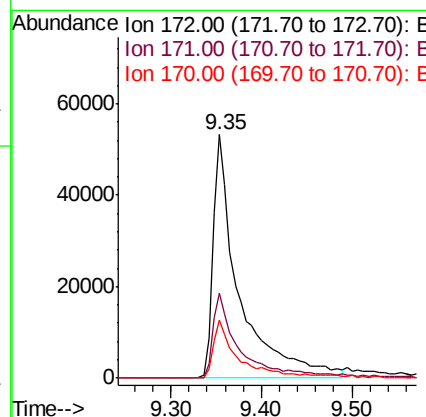
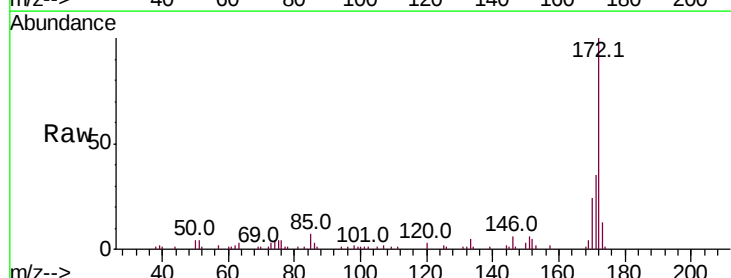
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#44
 2-Fluorobiphenyl
 Concen: 10.727 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108698.D
 Acq: 31 Aug 2018 19:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	23.8	19.6	29.4





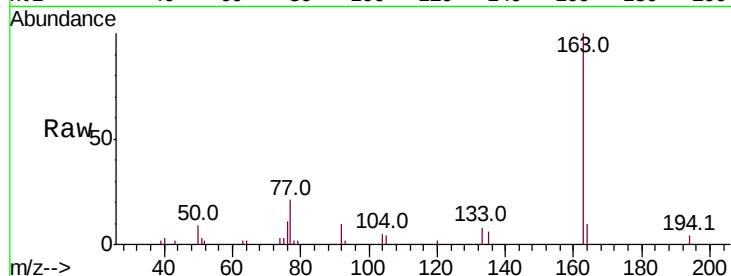
#49
Dimethylphthalate
Concen: 3.095 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108698.D
Acq: 31 Aug 2018 19:23

Instrument :
BNA_F
ClientSampleId :
BZTRANS-5

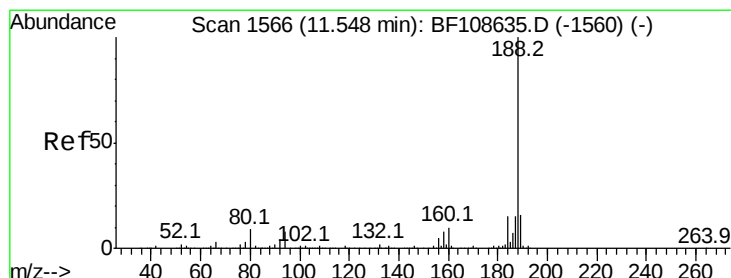
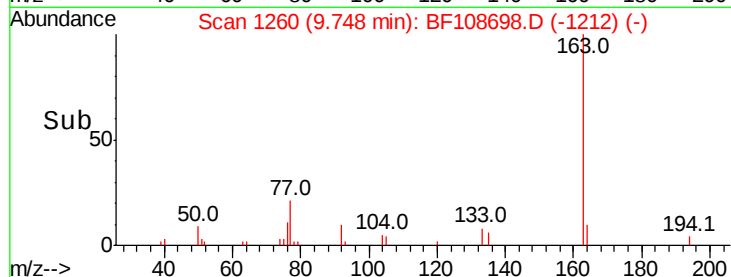
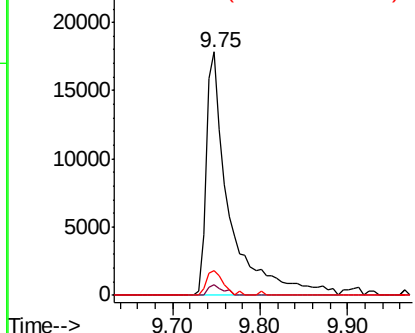
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.4	2.7	4.1#	
164	9.9	8.2	12.2	

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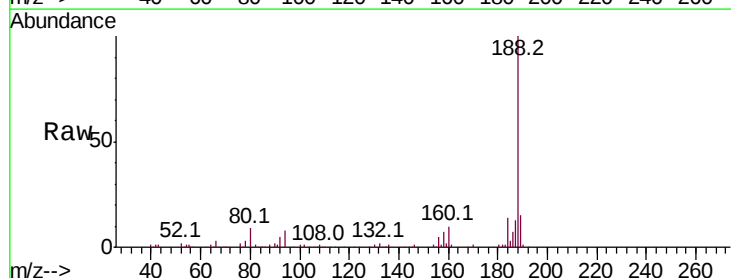


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

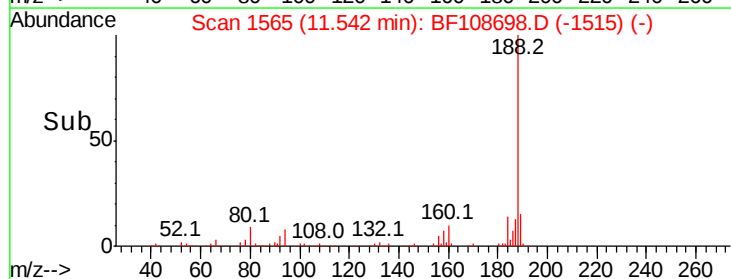
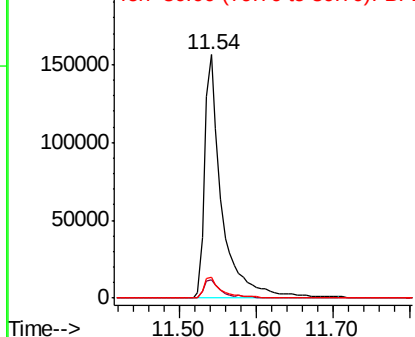


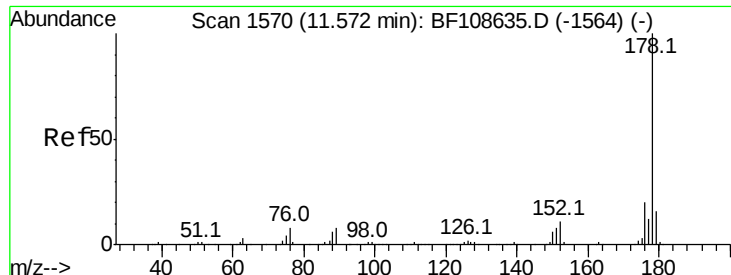
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108698.D
Acq: 31 Aug 2018 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.8	8.5	12.7#	
80	8.7	9.2	13.8#	



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





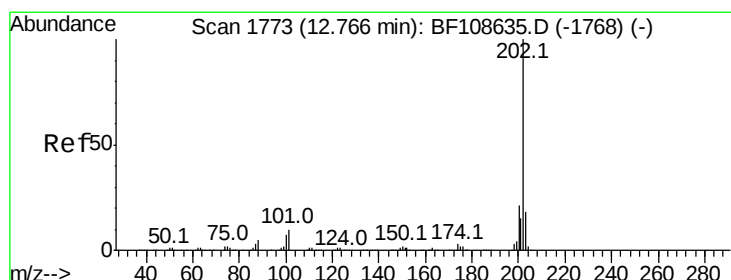
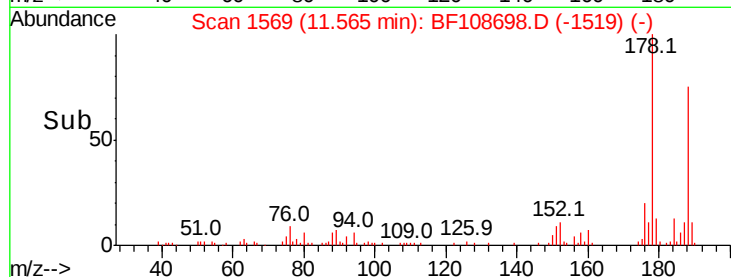
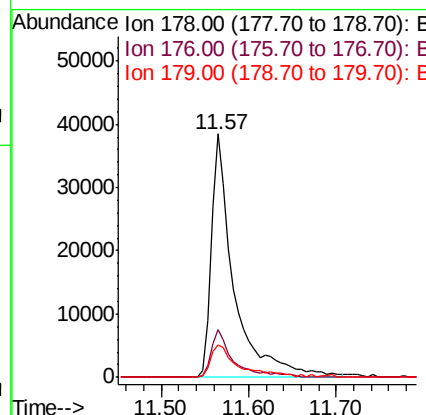
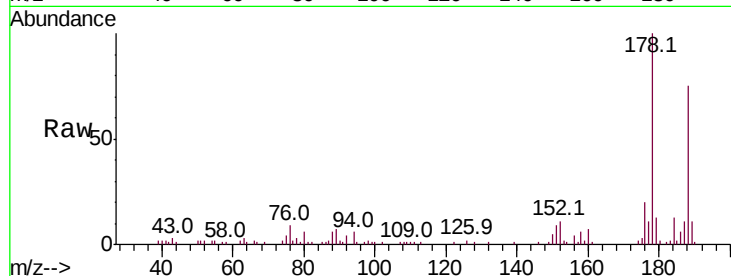
#70
Phenanthrene
Concen: 5.631 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF108698.D
Acq: 31 Aug 2018 19:23

Instrument :
BNA_F
ClientSampleId :
BZTRANS-5

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	13.4	13.0	19.6

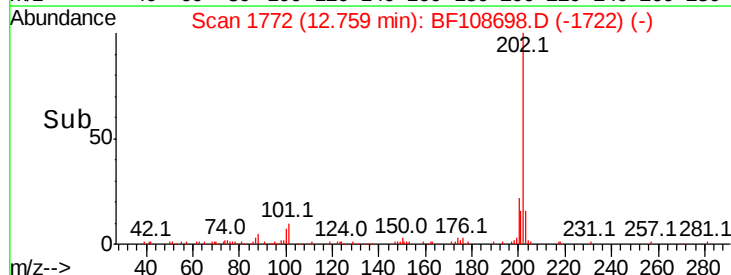
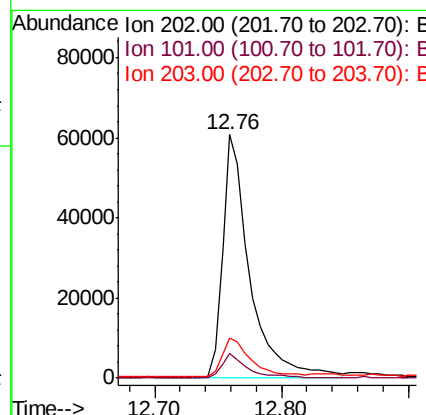
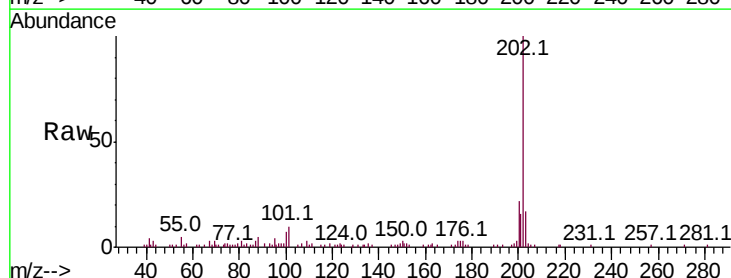
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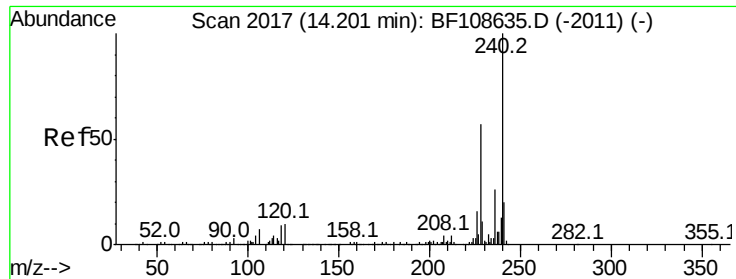
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#74
Fluoranthene
Concen: 6.595 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108698.D
Acq: 31 Aug 2018 19:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	16.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108698.D

Acq: 31 Aug 2018 19:23

Instrument :

BNA_F

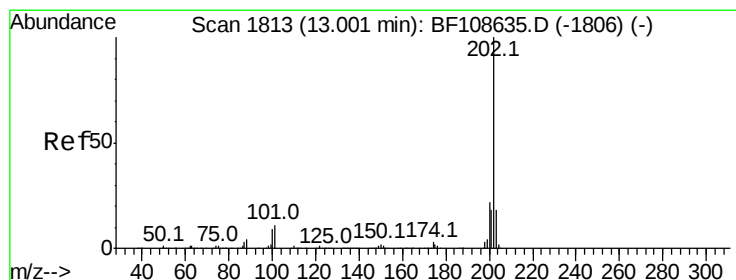
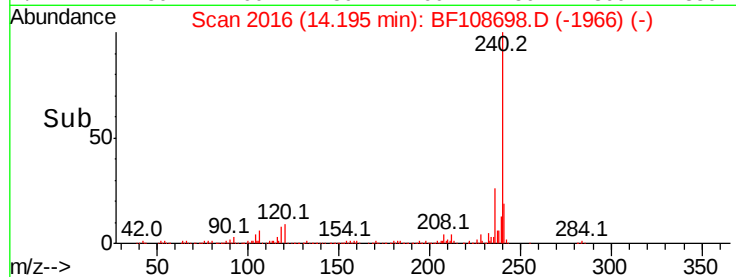
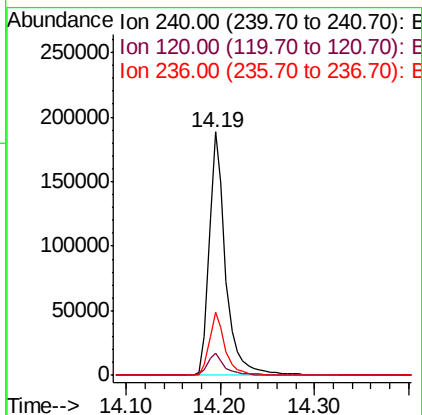
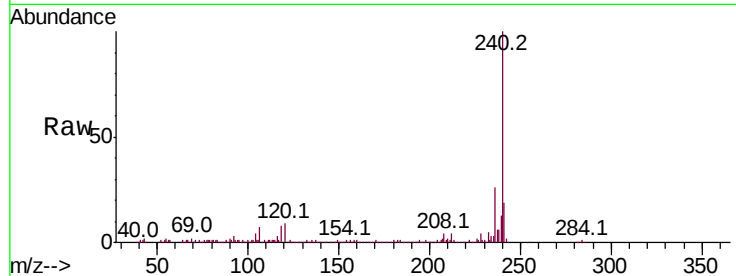
ClientSampled :

BZTRANS-5

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	9.2	9.5	14.3	
236	25.7	20.7	31.1	

Manual Integrations
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#77

Pyrene

Concen: 4.022 ng

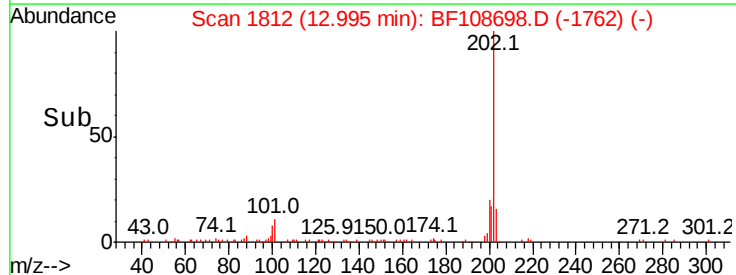
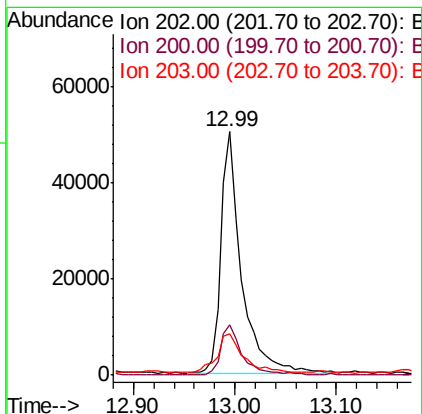
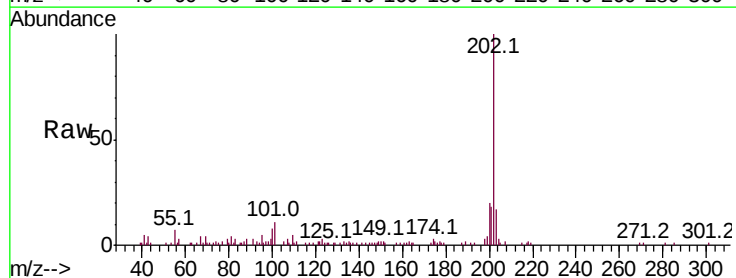
RT: 12.99 min Scan# 1812

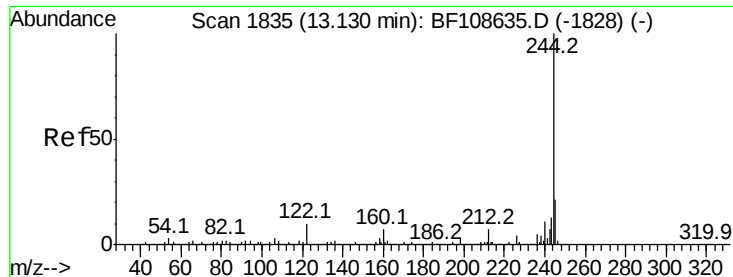
Delta R.T. -0.01 min

Lab File: BF108698.D

Acq: 31 Aug 2018 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.5	17.4	26.2	
203	17.0	14.3	21.5	





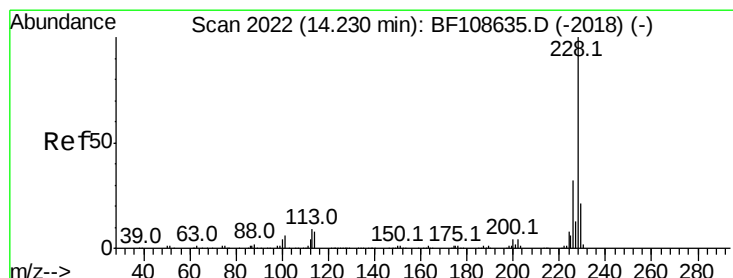
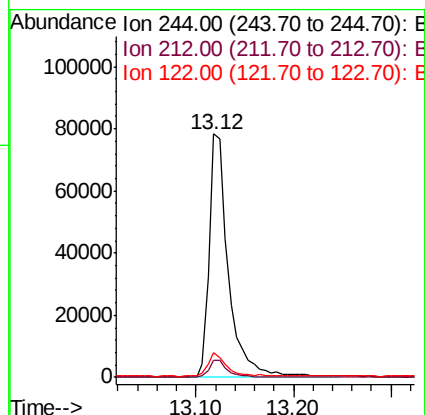
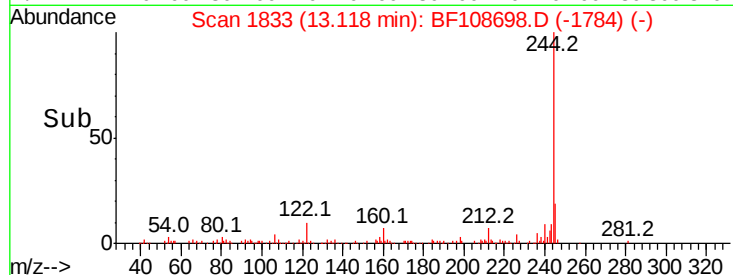
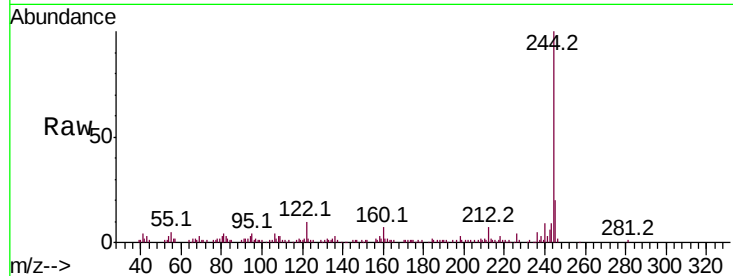
#78
 Terphenyl-d14
 Concen: 9.040 ng
 RT: 13.12 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF108698.D
 Acq: 31 Aug 2018 19:23

Instrument :
 BNA_F
 ClientSampleId :
 BZTRANS-5

Tot Ion:	244	Resp:	108114
Ion Ratio		Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.3	11.0	16.4

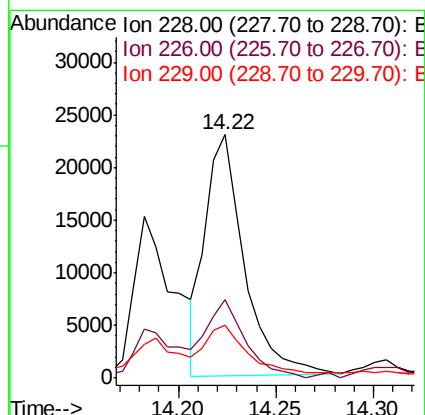
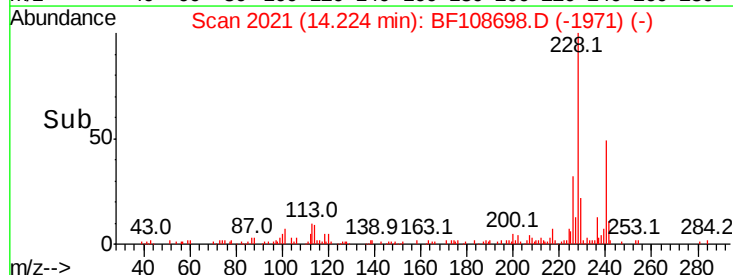
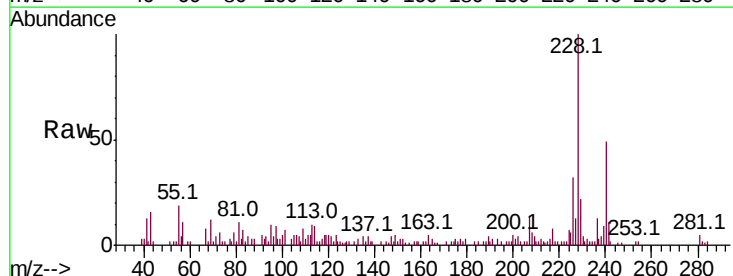
Manual Integrations
 APPROVED

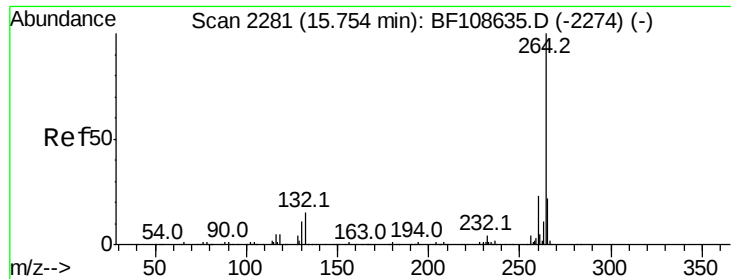
Sohil
 9/4/2018 3:53:24 PM



#82
 Chrysene
 Concen: 2.330 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108698.D
 Acq: 31 Aug 2018 19:23

Tgt Ion:	228	Resp:	31748
Ion Ratio		Lower	Upper
228	100		
226	32.1	25.0	37.6
229	21.6	16.2	24.4





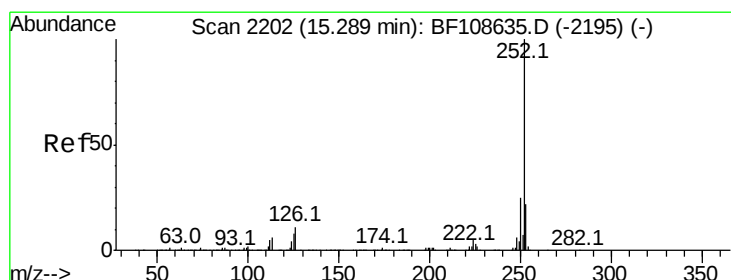
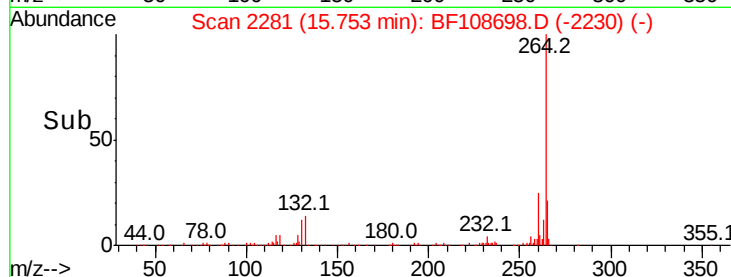
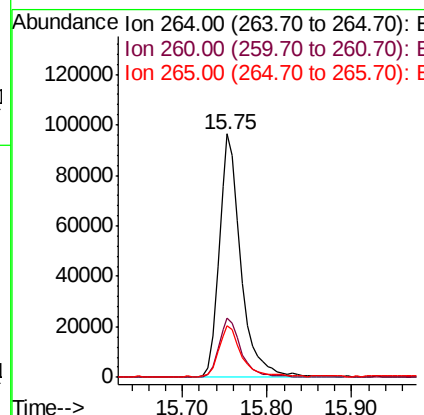
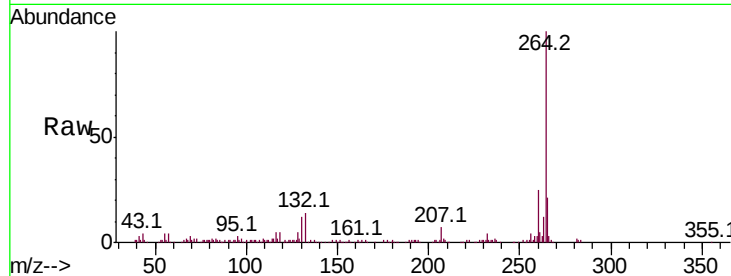
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF108698.D
Acq: 31 Aug 2018 19:23

Instrument :
BNA_F
ClientSampleId :
BZTRANS-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.3	17.5	26.3

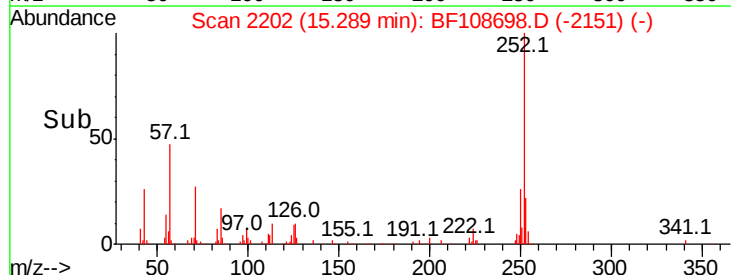
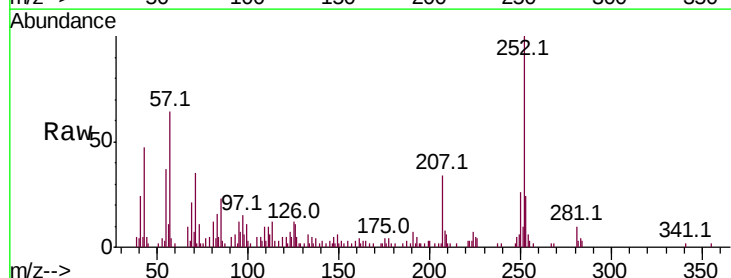
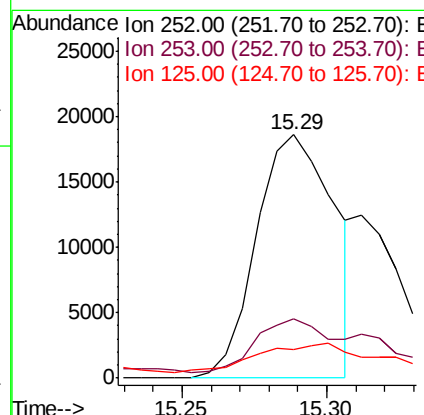
Manual Integrations
APPROVED

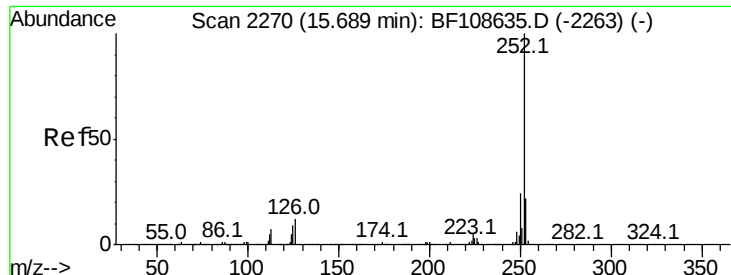
Sohil
9/4/2018 3:53:24 PM



#87
Benzo(b)fluoranthene
Concen: 3.270 ng m
RT: 15.29 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF108698.D
Acq: 31 Aug 2018 19:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	11.7	9.0	13.6





#89
Benzo(a)pyrene
Concen: 2.250 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF108698.D
Acq: 31 Aug 2018 19:23

Instrument :
BNA_F
ClientSampleId :
BZTRANS-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	15.1	9.8	14.6

Manual Integrations
APPROVED

Sohil
9/4/2018 3:53:24 PM

