

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108694.D
 Acq On : 31 Aug 2018 17:35
 Operator : JU/SJ
 Sample : J4720-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BZTRANS-3

Manual Integrations
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Sohil
 9/4/2018 3:53:14 PM

Quant Time: Sep 04 15:31:55 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	69232	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	277521	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	119879	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	231582	20.00	ng	0.00
75) Chrysene-d12	14.20	240	221769	20.00	ng	0.00
86) Perylene-d12	15.75	264	162725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	187615	47.08	ng	0.00
7) Phenol-d6	6.64	99	366693	64.24	ng	0.00
23) Nitrobenzene-d5	7.57	82	235564	43.08	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	92906	58.71	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	477102	53.51	ng	0.00
78) Terphenyl-d14	13.12	244	470977	41.26	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.74	163	163551	17.325	ng	99
70) Phenanthrene	11.57	178	157607m	13.483	ng	
74) Fluoranthene	12.76	202	236850	18.001	ng	94
77) Pyrene	12.99	202	188029	11.279	ng	98
80) Benzo(a)anthracene	14.18	228	58452	4.324	ng	97
82) Chrysene	14.22	228	90533	6.963	ng	98
83) Bis(2-ethylhexyl)phthalate	14.13	149	32016	3.553	ng	100
85) Indeno(1,2,3-cd)pyrene	17.38	276	32005	3.540	ng	# 85
87) Benzo(b)fluoranthene	15.29	252	91692m	9.173	ng	
88) Benzo(k)fluoranthene	15.31	252	36636m	3.700	ng	
89) Benzo(a)pyrene	15.69	252	55866	6.184	ng	# 90
91) Benzo(a,h,i)perylene	17.87	276	33973	4.845	ng	91

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

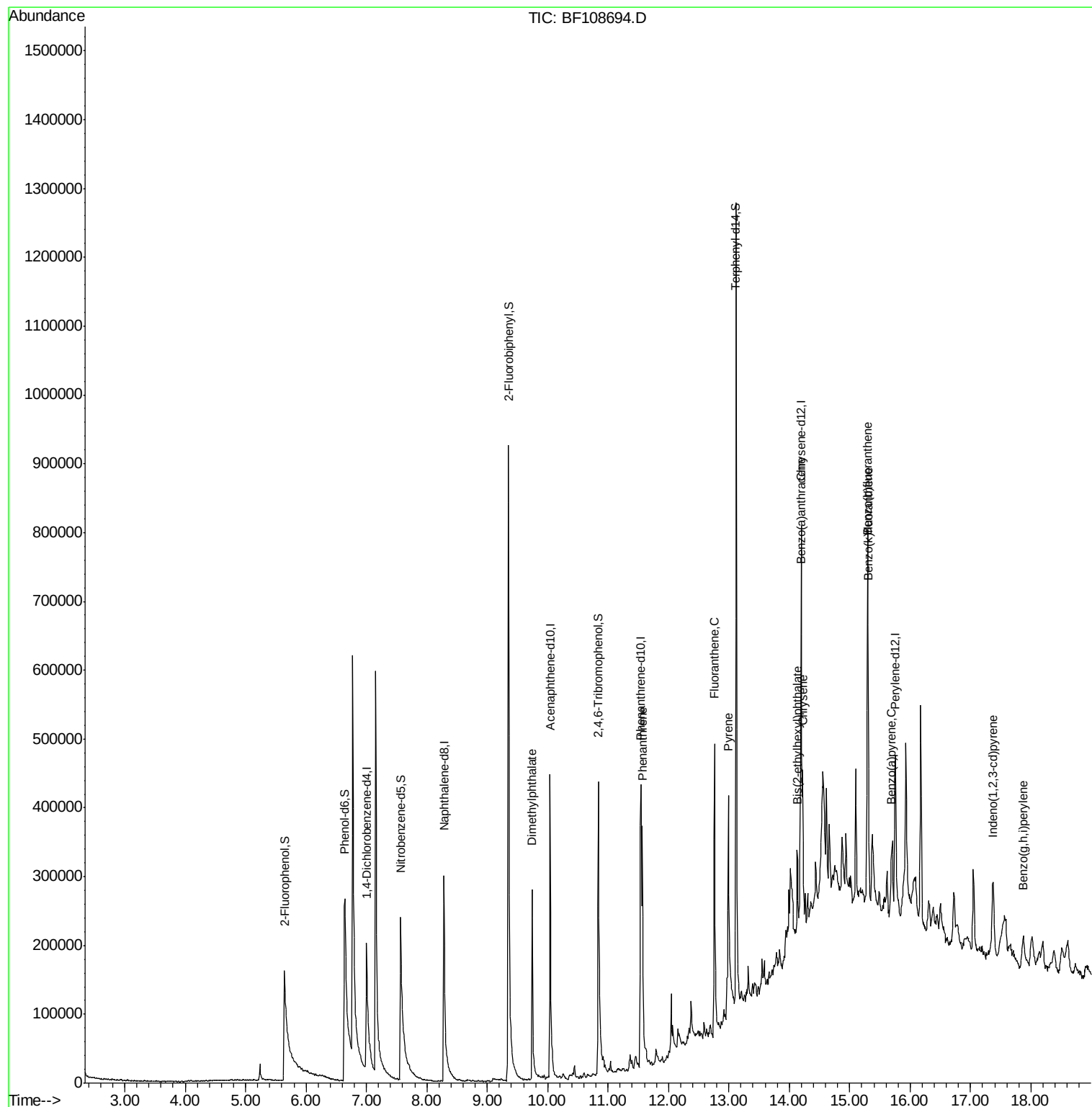
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
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ALS Vial : 9 Sample Multiplier: 1

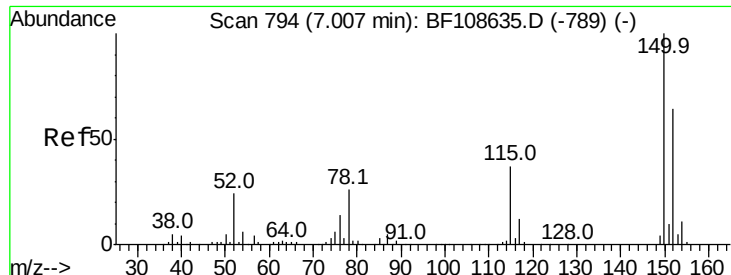
Instrument :
BNA_F
ClientSampleId :
BZTRANS-3

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

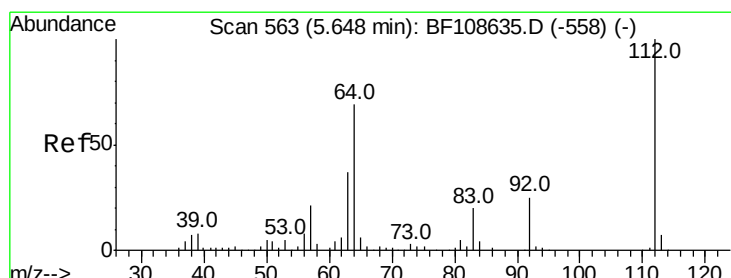
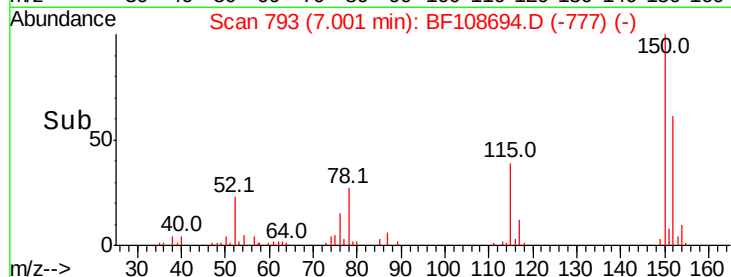
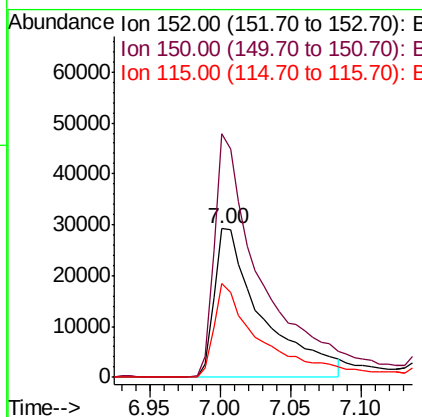
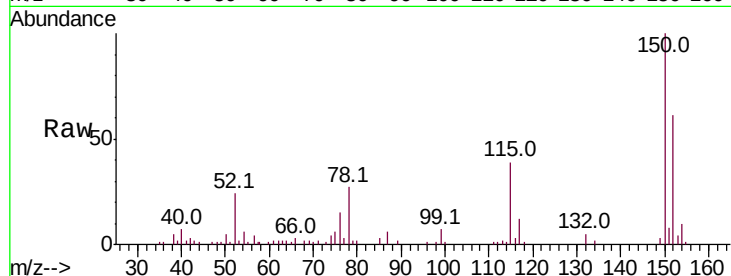
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Instrument :
BNA_F
ClientSampleId :
BZTRANS-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.8	124.6	186.8
115	63.1	50.1	75.1

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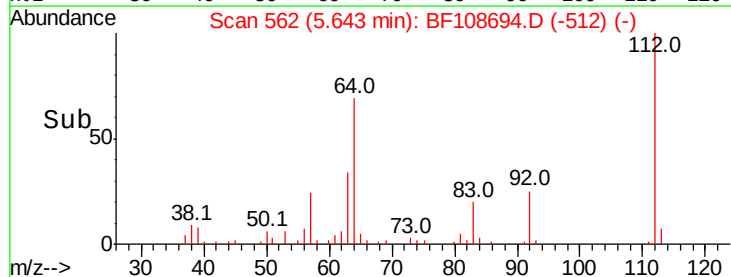
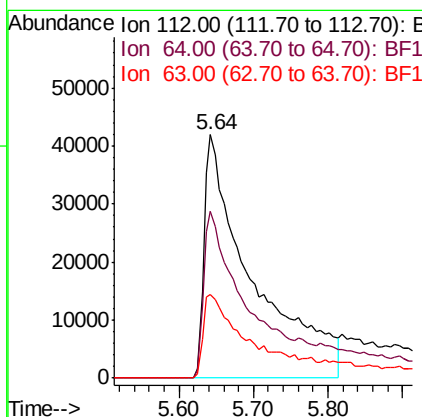
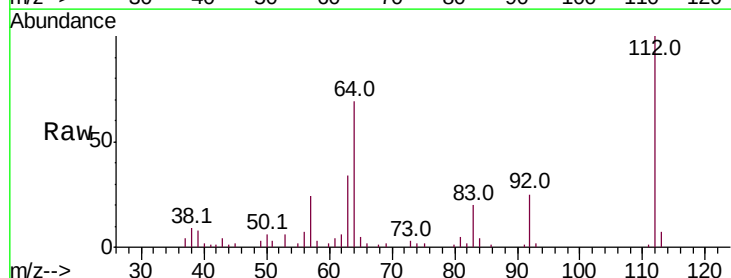
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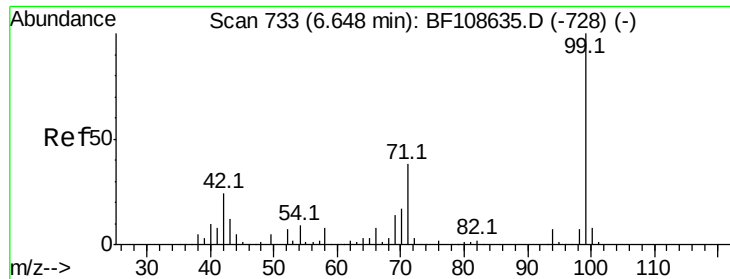


#5

2-Fluorophenol
Concen: 47.077 ng
RT: 5.64 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	47.9	71.9
63	34.2	23.7	35.5





#7

Phenol-d6

Concen: 64.243 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF108694.D

Acq: 31 Aug 2018 17:35

Instrument :

BNA_F

ClientSampleId :

BZTRANS-3

Tot Ion: 99 Resp: 366693

Ion Ratio Lower Upper

99 100

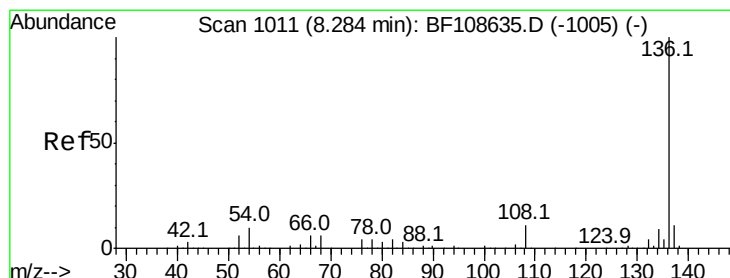
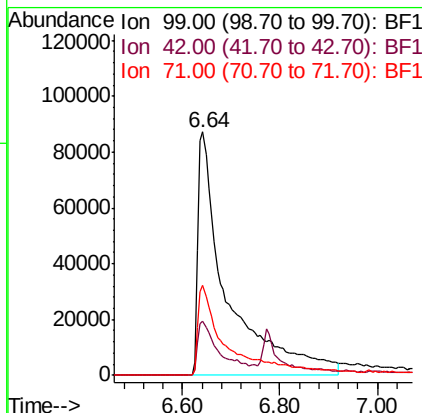
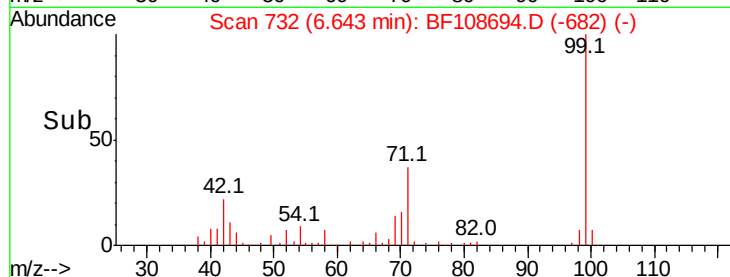
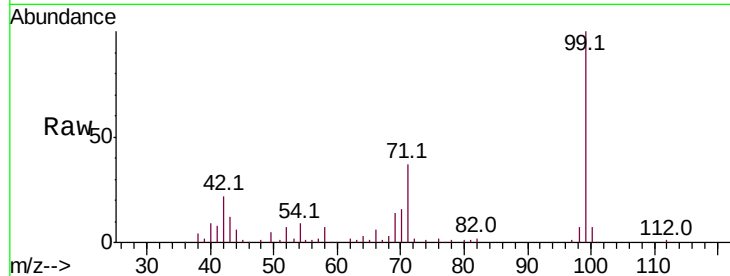
42 22.5 14.5 21.7#

71 36.8 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: BF108694.D

Acq: 31 Aug 2018 17:35

Tgt Ion: 136 Resp: 277521

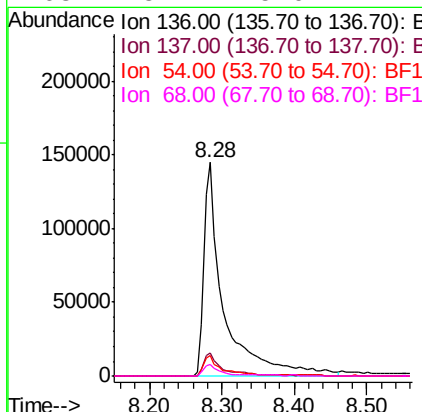
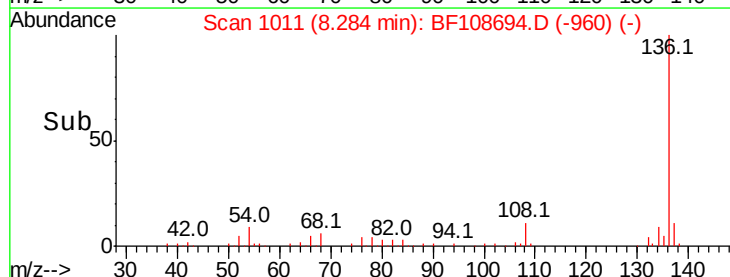
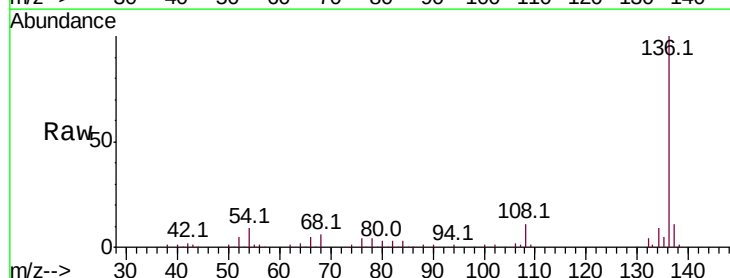
Ion Ratio Lower Upper

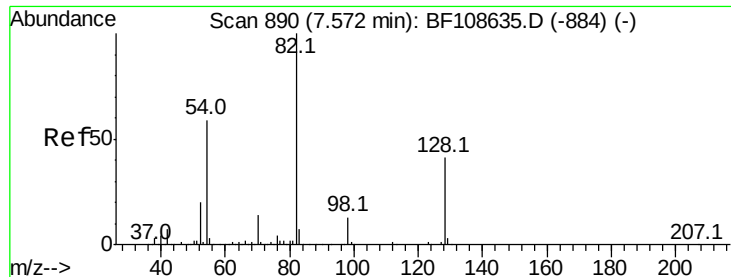
136 100

137 11.1 8.9 13.3

54 9.4 6.6 9.8

68 5.7 5.0 7.4





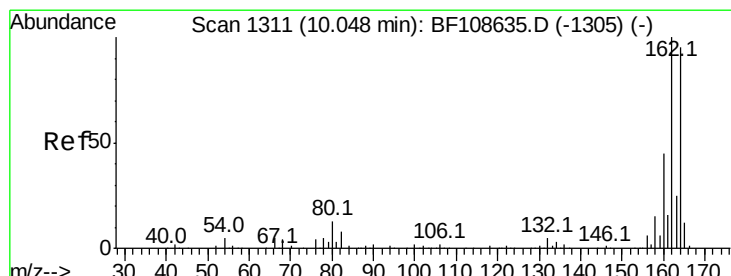
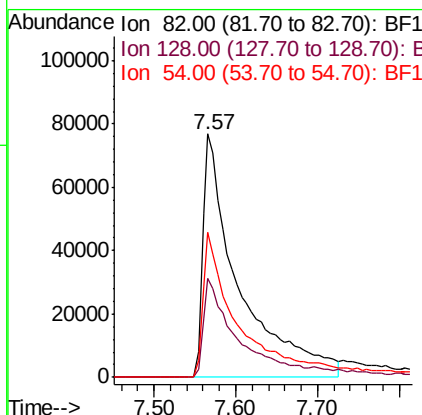
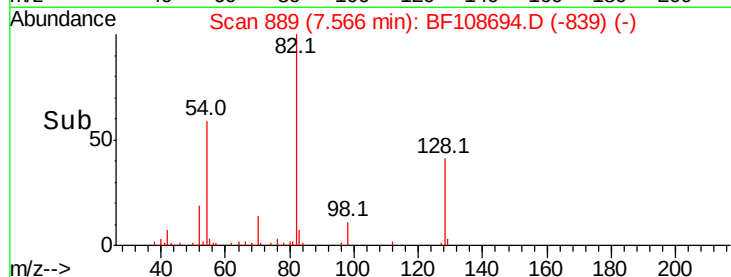
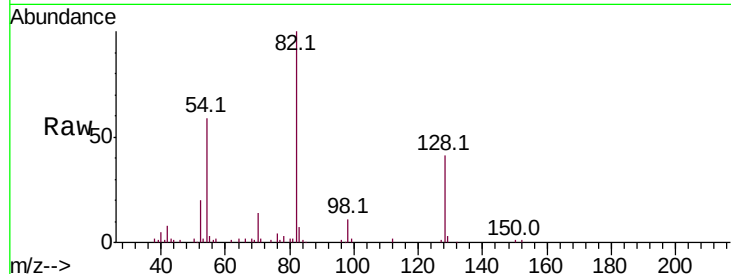
#23
 Nitrobenzene-d5
 Concen: 43.085 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108694.D
 Acq: 31 Aug 2018 17:35

Instrument :
 BNA_F
 ClientSampleId :
 BZTRANS-3

Tot Ion:	82	Resp:	235564
Ion Ratio	Lower	Upper	
82	100		
128	40.8	36.1	54.1
54	59.5	41.4	62.2

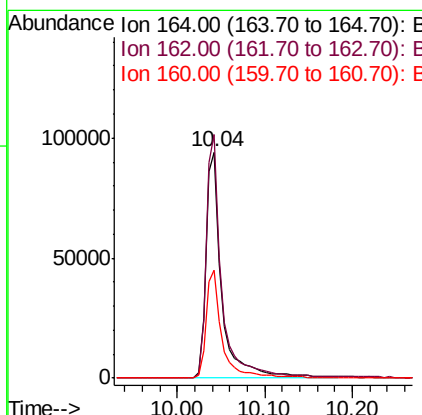
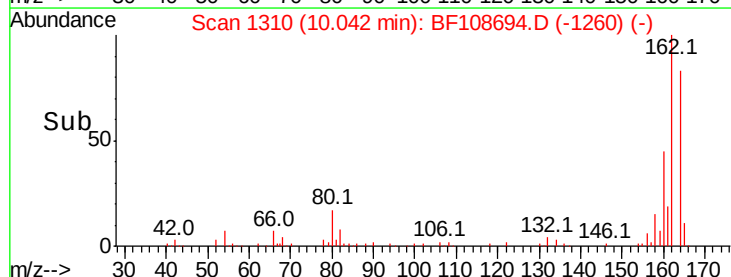
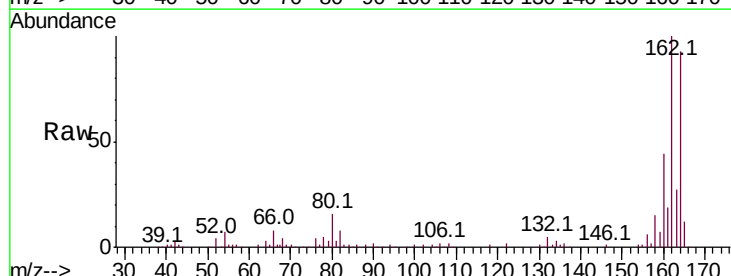
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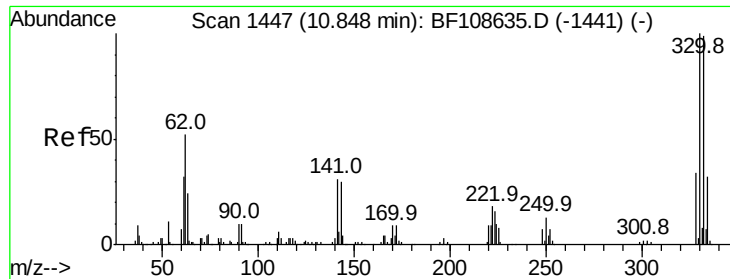
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108694.D
 Acq: 31 Aug 2018 17:35

Tgt Ion:	164	Resp:	119879
Ion Ratio	Lower	Upper	
164	100		
162	107.7	86.1	129.1
160	47.8	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 58.707 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF108694.D

Acq: 31 Aug 2018 17:35

Instrument :

BNA_F

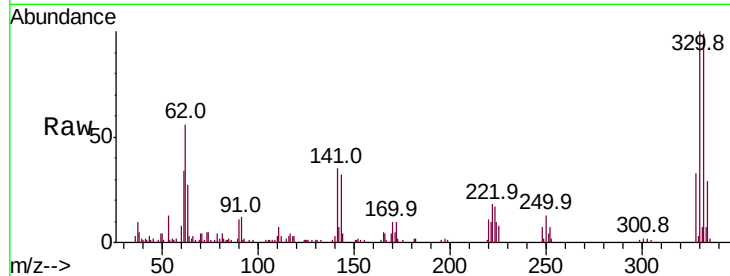
ClientSampleId :

BZTRANS-3

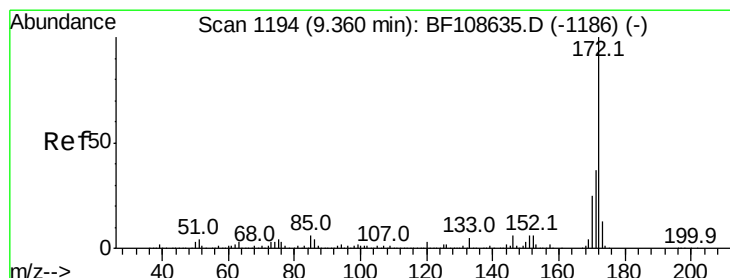
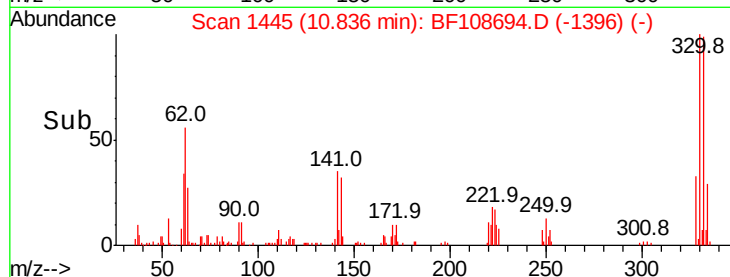
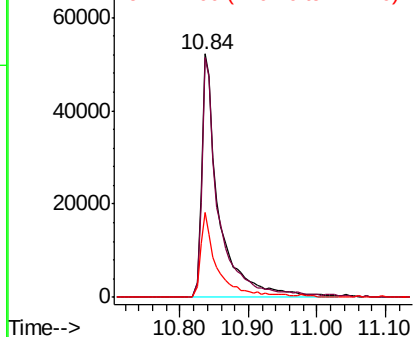
Tot Ion:	330	Resp:	92906
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.0	115.6
141	33.7	29.9	44.9

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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: 53.512 ng

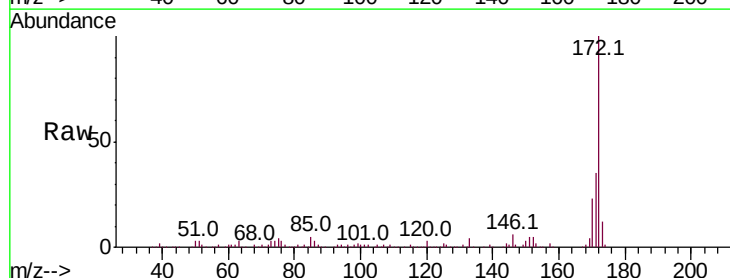
RT: 9.35 min Scan# 1193

Delta R.T. -0.01 min

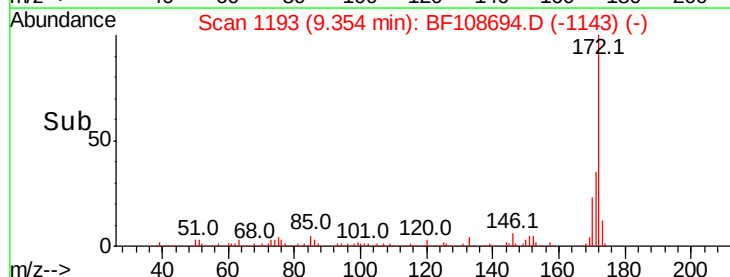
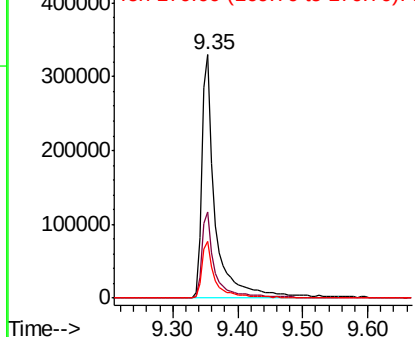
Lab File: BF108694.D

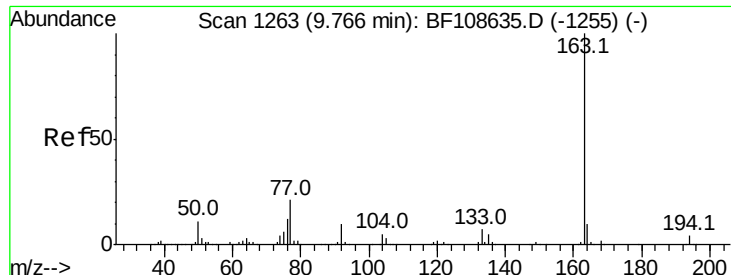
Acq: 31 Aug 2018 17:35

Tgt Ion:	172	Resp:	477102
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.7	44.5
170	23.3	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





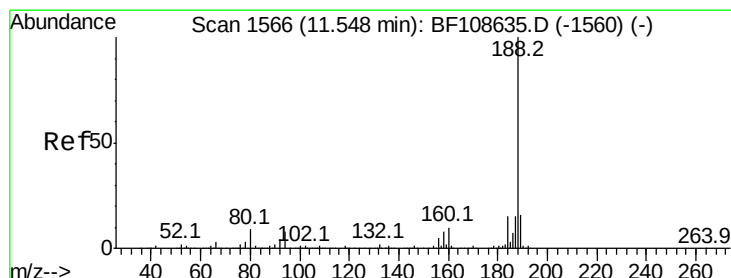
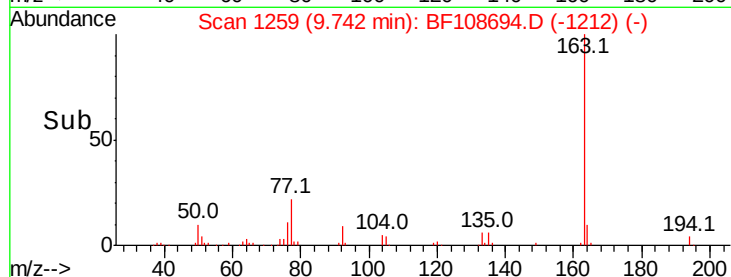
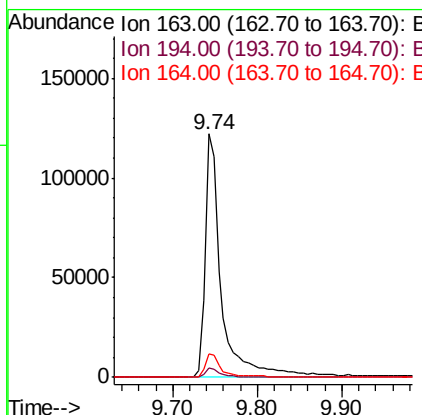
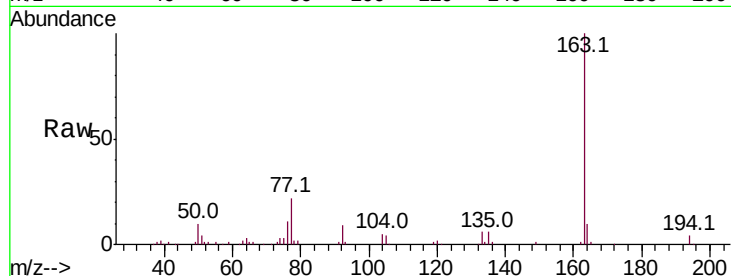
#49
Dimethylphthalate
Concen: 17.325 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	163551		
194	3.9	2.7	4.1	
164	9.7	8.2	12.2	

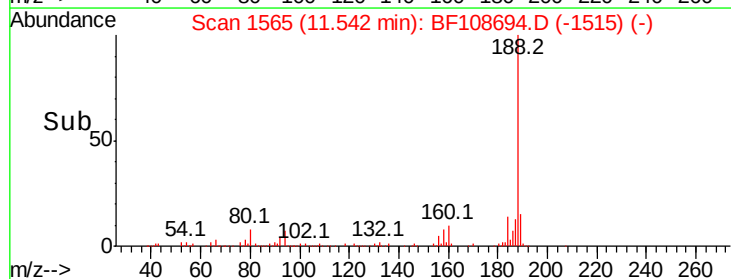
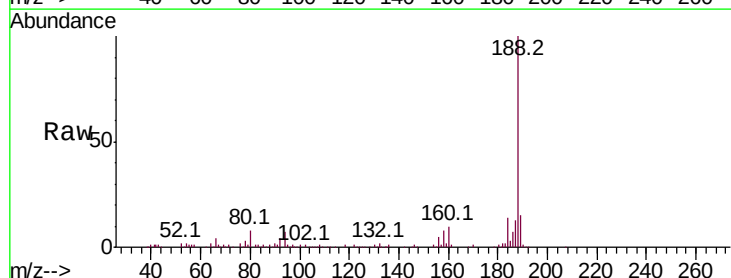
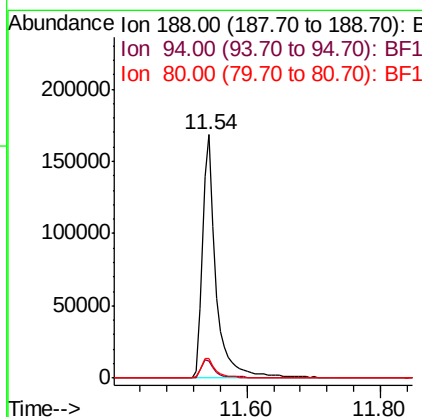
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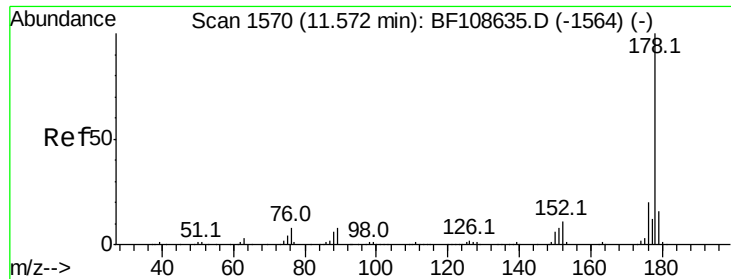
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	231582		
94	6.9	8.5	12.7#	
80	8.2	9.2	13.8#	





#70

Phenanthrene

Concen: 13.483 ng/mL

RT: 11.57 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF108694.D

Acq: 31 Aug 2018 17:35

Instrument :

BNA_F

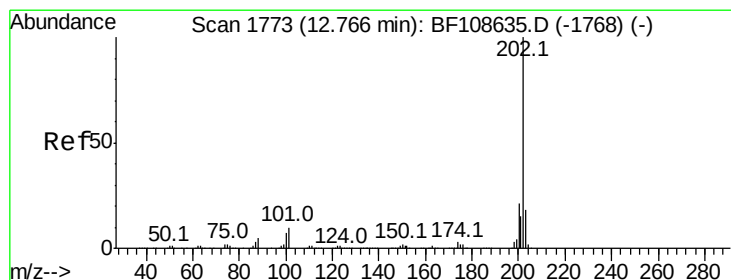
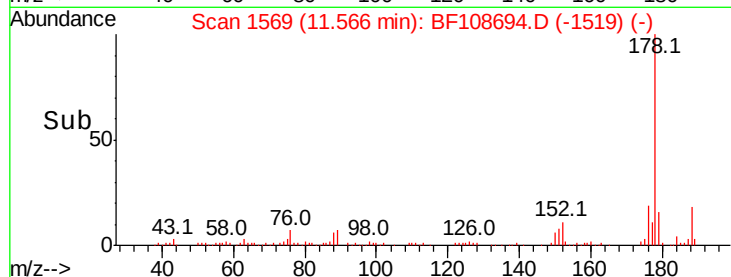
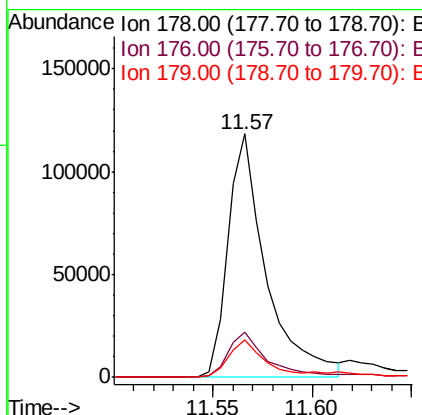
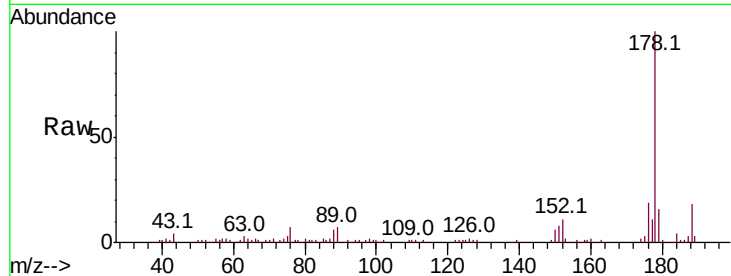
ClientSampleId :

BZTRANS-3

Tot Ion:	178	Resp:	157607
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.8	23.8
179	15.6	13.0	19.6

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#74

Fluoranthene

Concen: 18.001 ng/mL

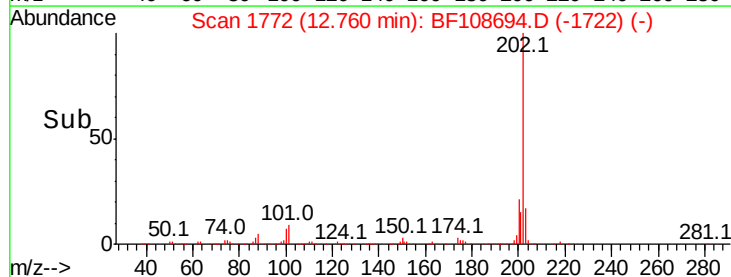
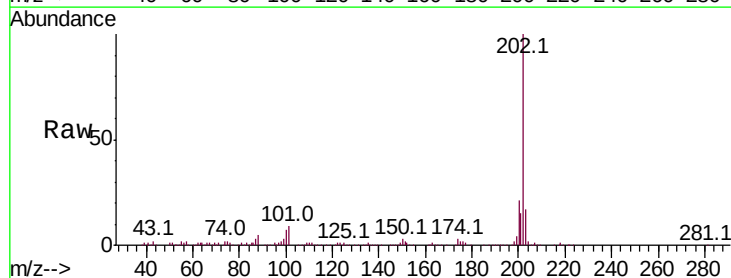
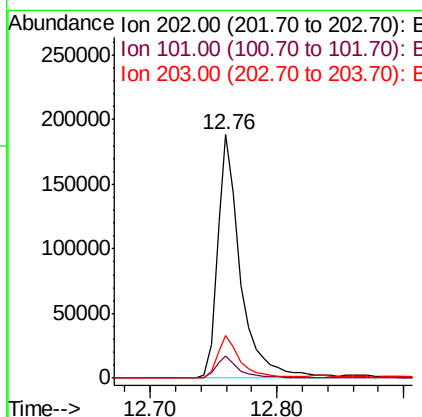
RT: 12.76 min Scan# 1772

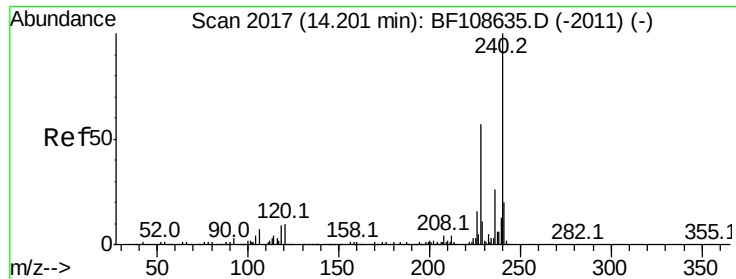
Delta R.T. -0.01 min

Lab File: BF108694.D

Acq: 31 Aug 2018 17:35

Tgt Ion:	202	Resp:	236850
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108694.D

Acq: 31 Aug 2018 17:35

Instrument :

BNA_F

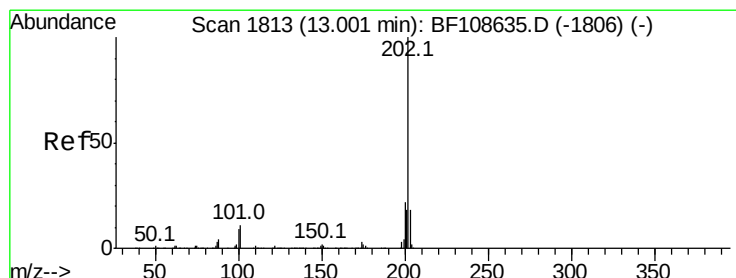
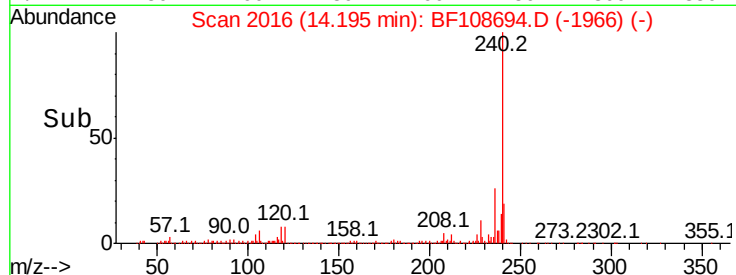
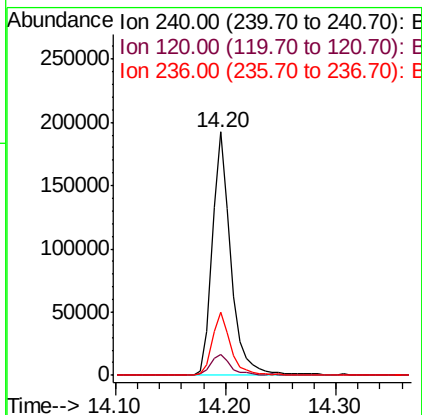
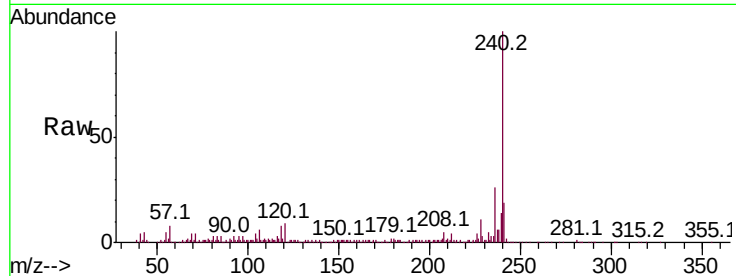
ClientSampleId :

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Tot Ion:	240	Resp:	221769
Ion Ratio	Lower	Upper	
240	100		
120	8.6	9.5	14.3#
236	26.1	20.7	31.1

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#77

Pyrene

Concen: 11.279 ng

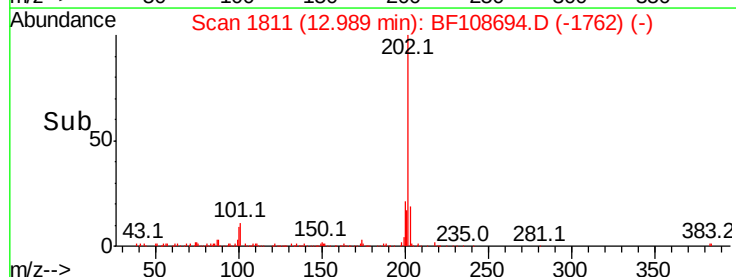
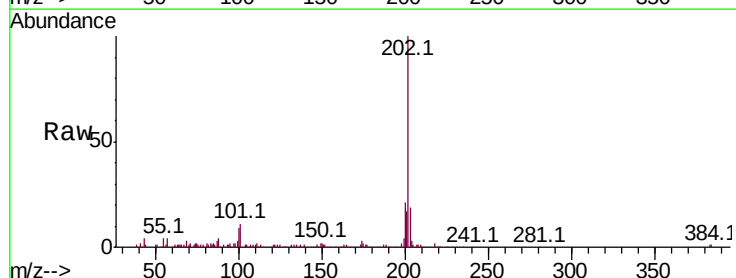
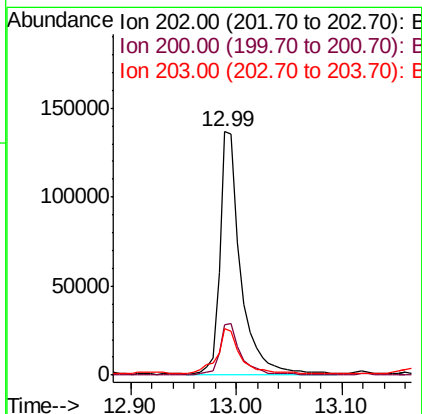
RT: 12.99 min Scan# 1811

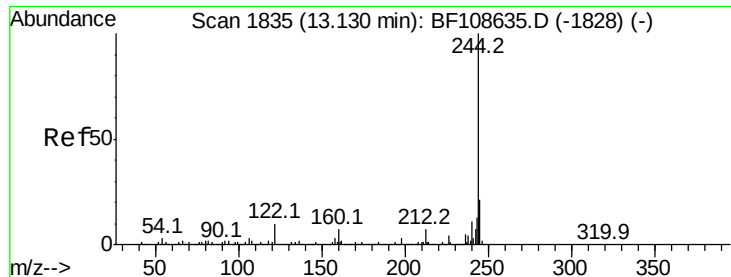
Delta R.T. -0.01 min

Lab File: BF108694.D

Acq: 31 Aug 2018 17:35

Tgt Ion:	202	Resp:	188029
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	19.0	14.3	21.5





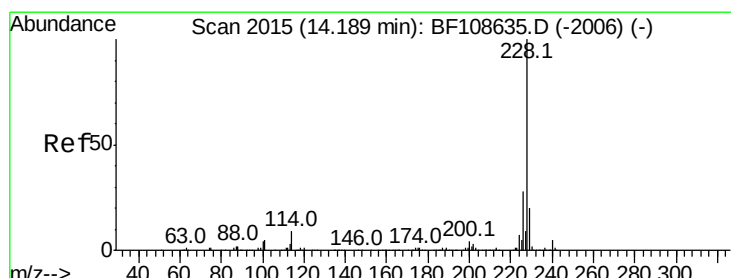
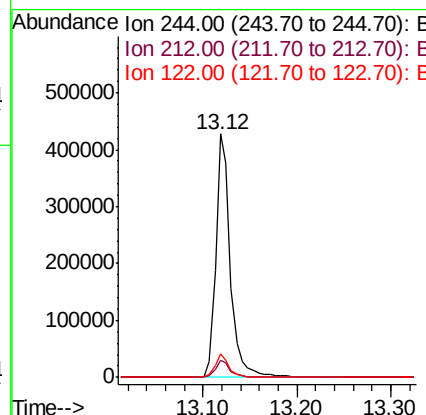
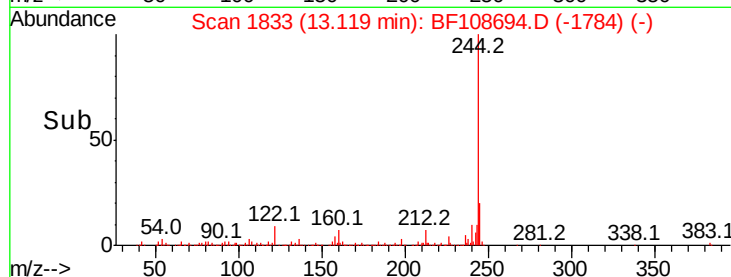
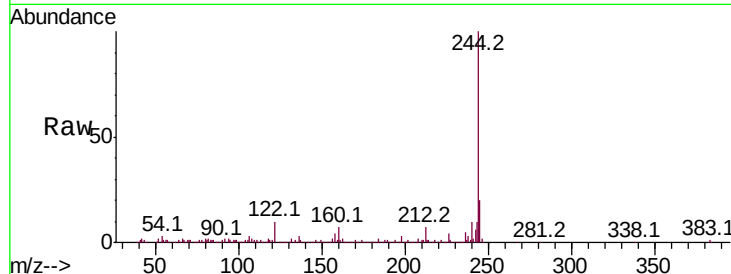
#78
 Terphenyl-d14
 Concen: 41.263 ng
 RT: 13.12 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF108694.D
 Acq: 31 Aug 2018 17:35

Instrument :
 BNA_F
 ClientSampleId :
 BZTRANS-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	9.6	11.0	16.4

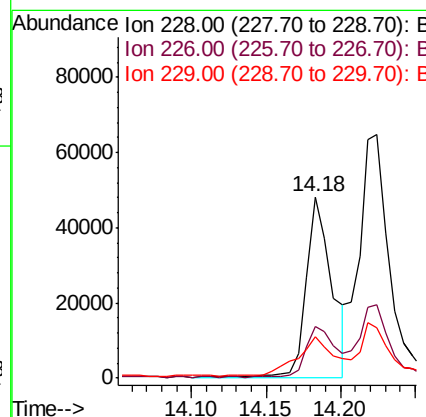
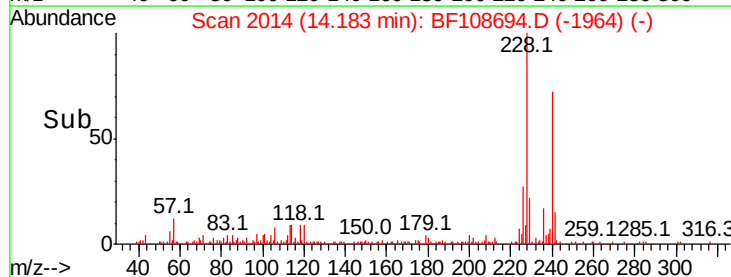
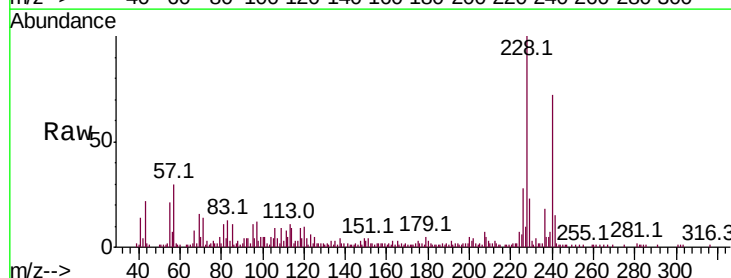
Manual Integrations
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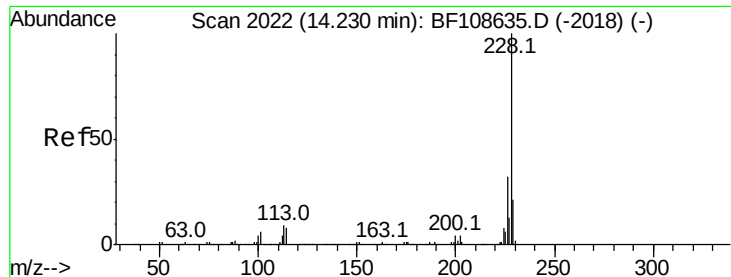
Sohil
 9/4/2018 3:53:14 PM



#80
 Benzo(a)anthracene
 Concen: 4.324 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF108694.D
 Acq: 31 Aug 2018 17:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	22.9	15.8	23.6





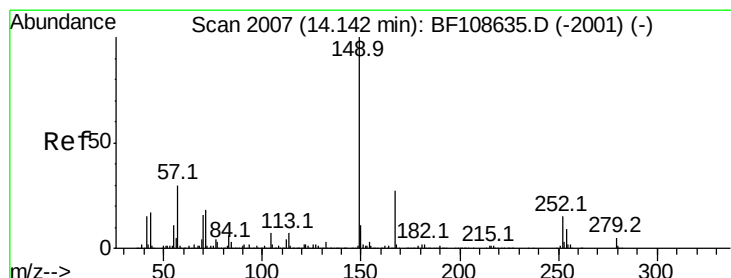
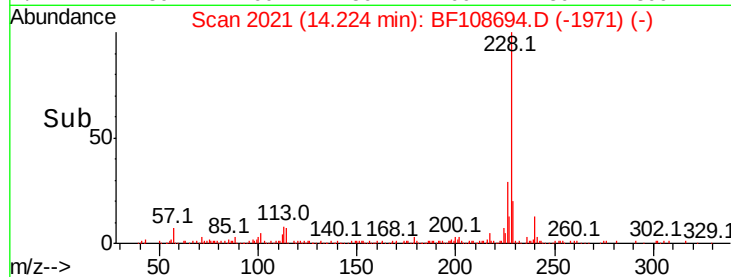
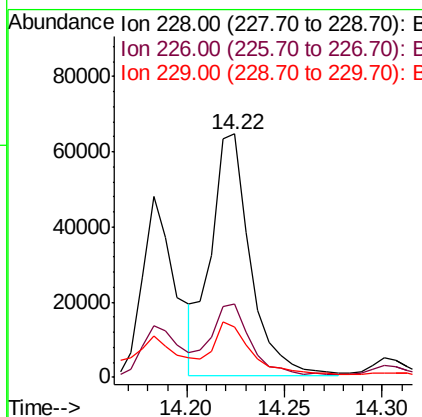
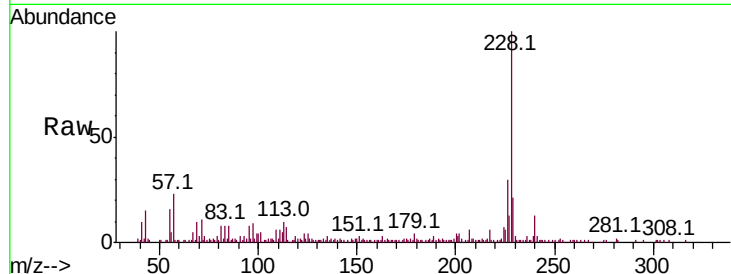
#82
Chrysene
Concen: 6.963 ng
RT: 14.22 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Instrument :
BNA_F
ClientSampleId :
BZTRANS-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	20.6	16.2	24.4

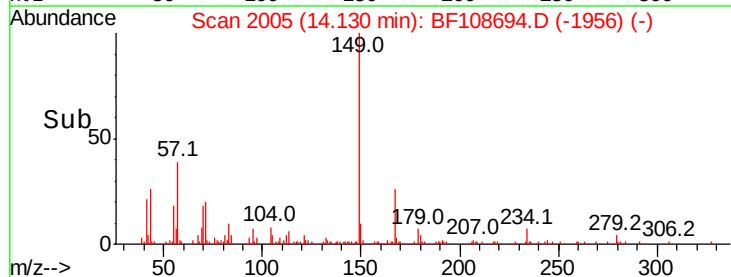
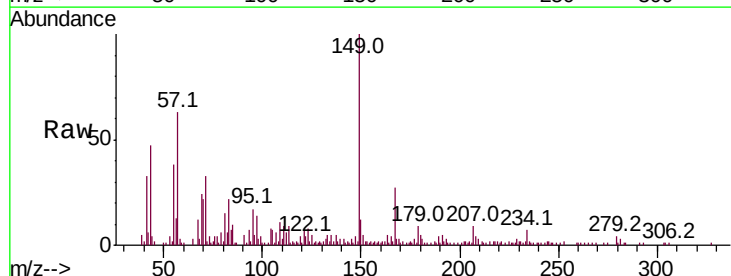
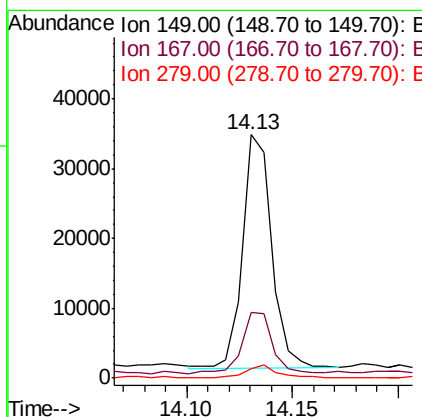
Manual Integrations
APPROVED

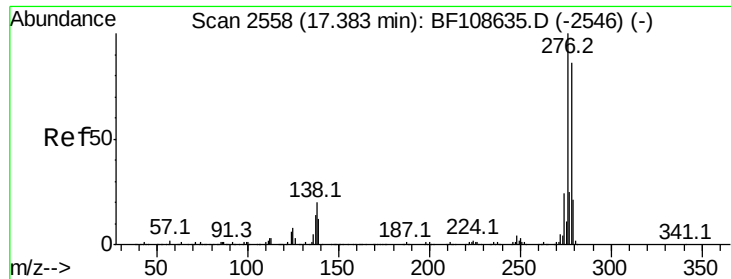
Sohil
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#83
Bis(2-ethylhexyl)phthalate
Concen: 3.553 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.8	3.0	4.4





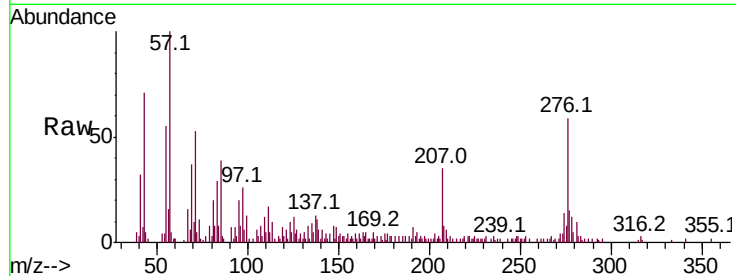
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.540 ng
RT: 17.38 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Instrument :
BNA_F
ClientSampleId :
BZTRANS-3

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.1	25.0	37.6#
277	25.4	20.1	30.1

Manual Integrations
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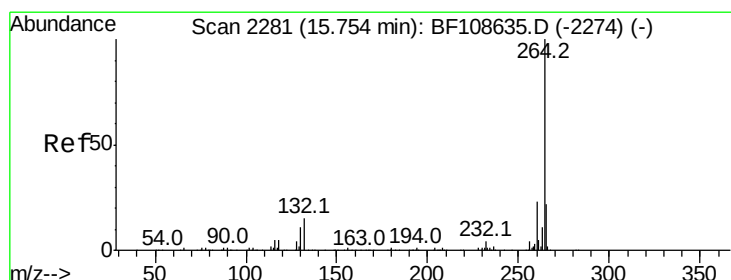
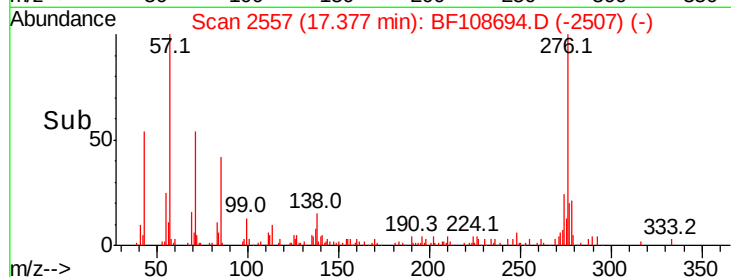
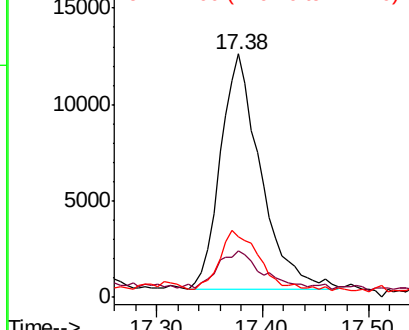


Abundance

Ion 276.00 (275.70 to 276.70): E

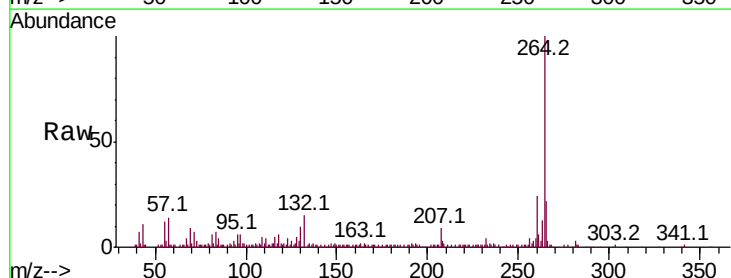
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.5	17.5	26.3

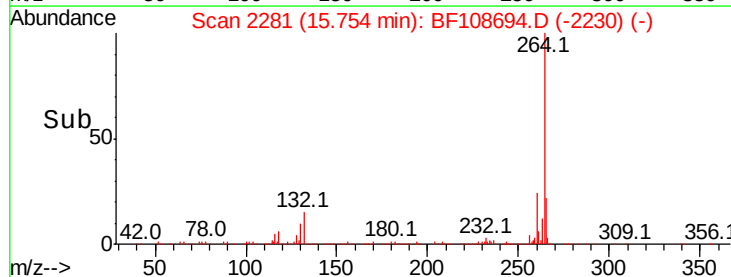
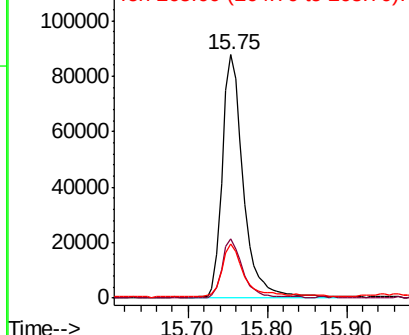


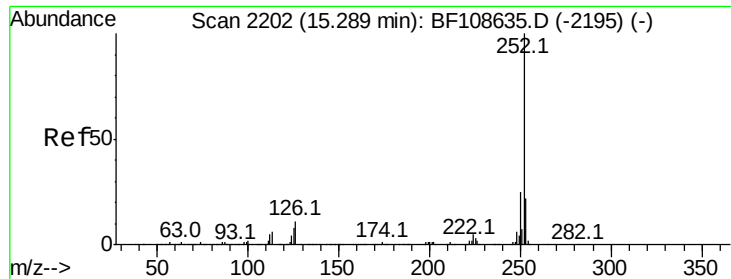
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 9.173 ng m

RT: 15.29 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BF108694.D

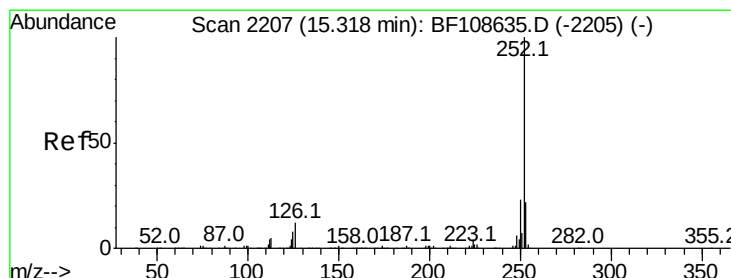
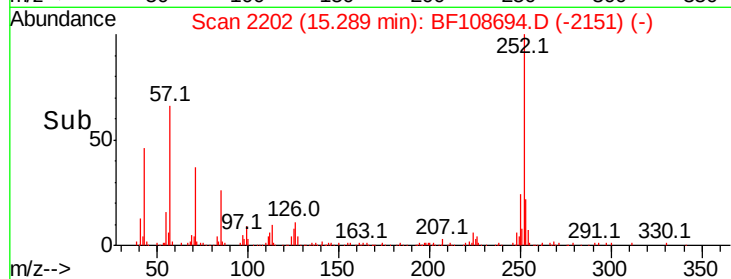
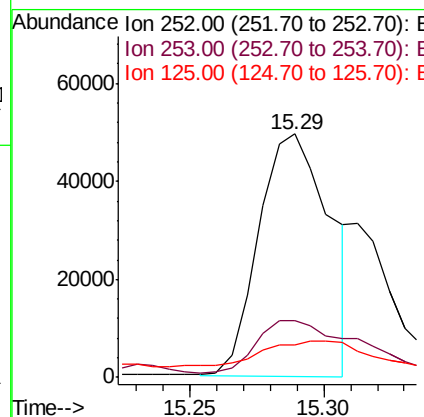
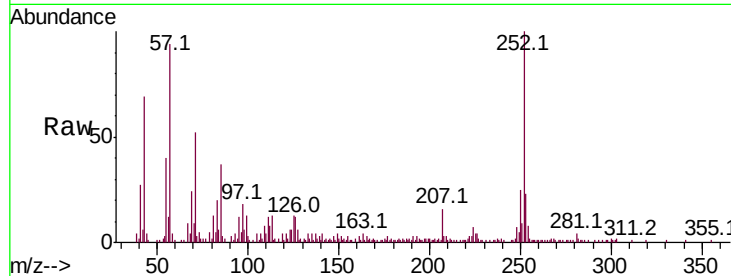
Acq: 31 Aug 2018 17:35

Instrument :
BNA_F
ClientSampleId :
BZTRANS-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	13.1	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 3.700 ng m

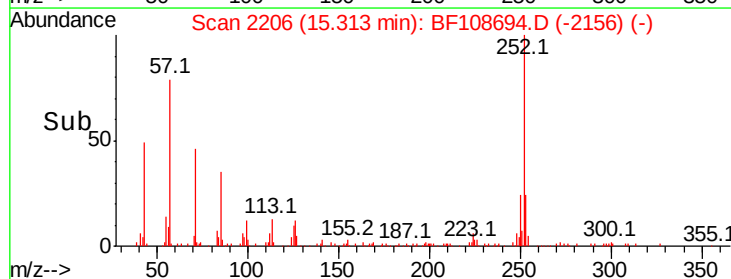
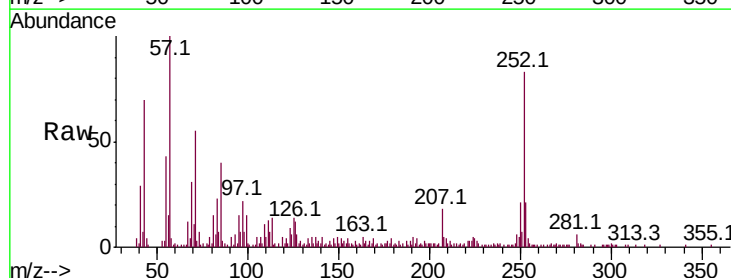
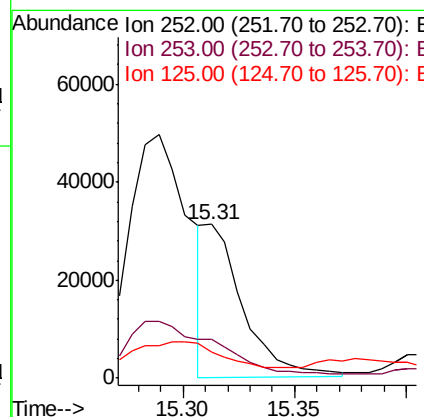
RT: 15.31 min Scan# 2206

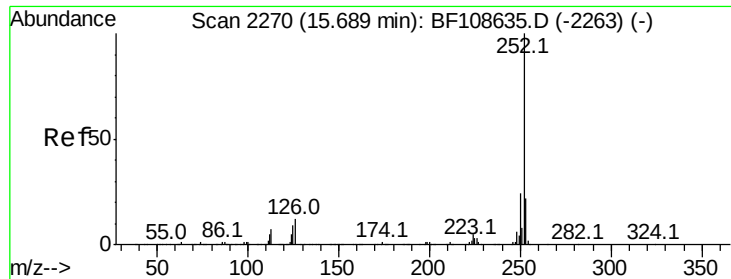
Delta R.T. -0.01 min

Lab File: BF108694.D

Acq: 31 Aug 2018 17:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	16.9	10.2	15.2#





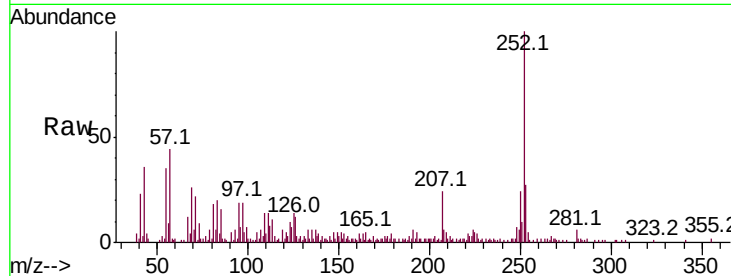
#89
Benzo(a)pyrene
Concen: 6.184 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Instrument :
BNA_F
ClientSampleId :
BZTRANS-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.1	25.7#
125	14.5	9.8	14.6

Manual Integrations
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9/4/2018 3:53:14 PM

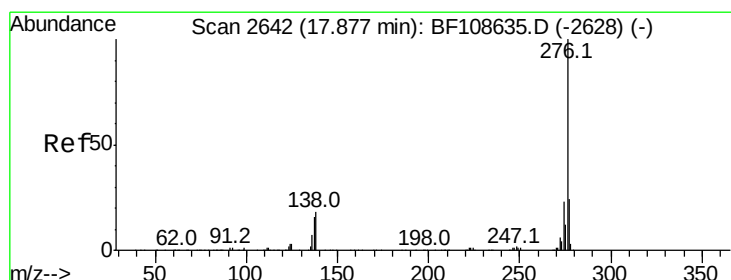
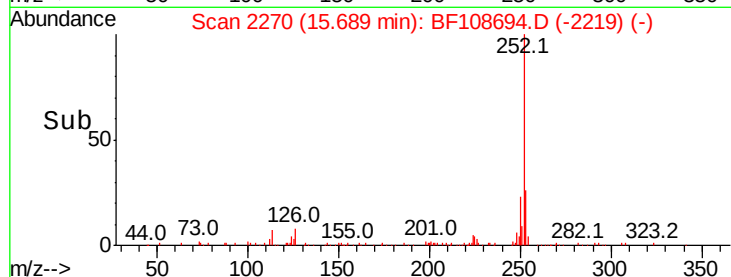
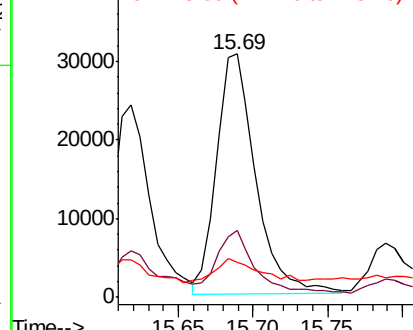


Abundance

Ion 252.00 (251.70 to 252.70): E

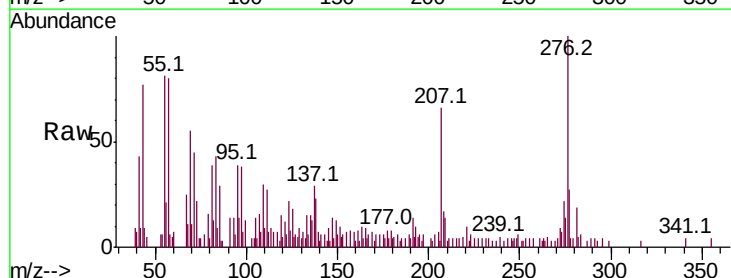
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 4.845 ng
RT: 17.87 min Scan# 2641
Delta R.T. -0.01 min
Lab File: BF108694.D
Acq: 31 Aug 2018 17:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.6	17.9	26.9
138	22.5	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

