

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
 Data File : BF107962.D
 Acq On : 4 Aug 2018 2:46
 Operator : JU/SJ
 Sample : J4297-08 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Manual Integrations
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Sohil
 8/6/2018 5:06:08 PM

Quant Time: Aug 04 06:52:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	92278	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	239977	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	77367	20.00	ng	0.04
63) Phenanthrene-d10	11.53	188	169164	20.00	ng	0.03
75) Chrysene-d12	14.15	240	251240	20.00	ng	0.00
86) Perylene-d12	15.72	264	170500	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	228509	42.09	ng	0.00
7) Phenol-d6	6.60	99	424620	59.34	ng	0.00
23) Nitrobenzene-d5	7.52	82	82500	19.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	50389	47.93	ng	0.04
44) 2-Fluorobiphenyl	9.34	172	250420	45.10	ng	0.02
78) Terphenyl-d14	13.08	244	449146	38.77	ng	0.00
Target Compounds						
74) Fluoranthene	12.73	202	189936	20.128	ng	Qvalue 91
80) Benzo(a)anthracene	14.15	228	60605	4.258	ng	# 67
82) Chrysene	14.18	228	59919m	3.903	ng	

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

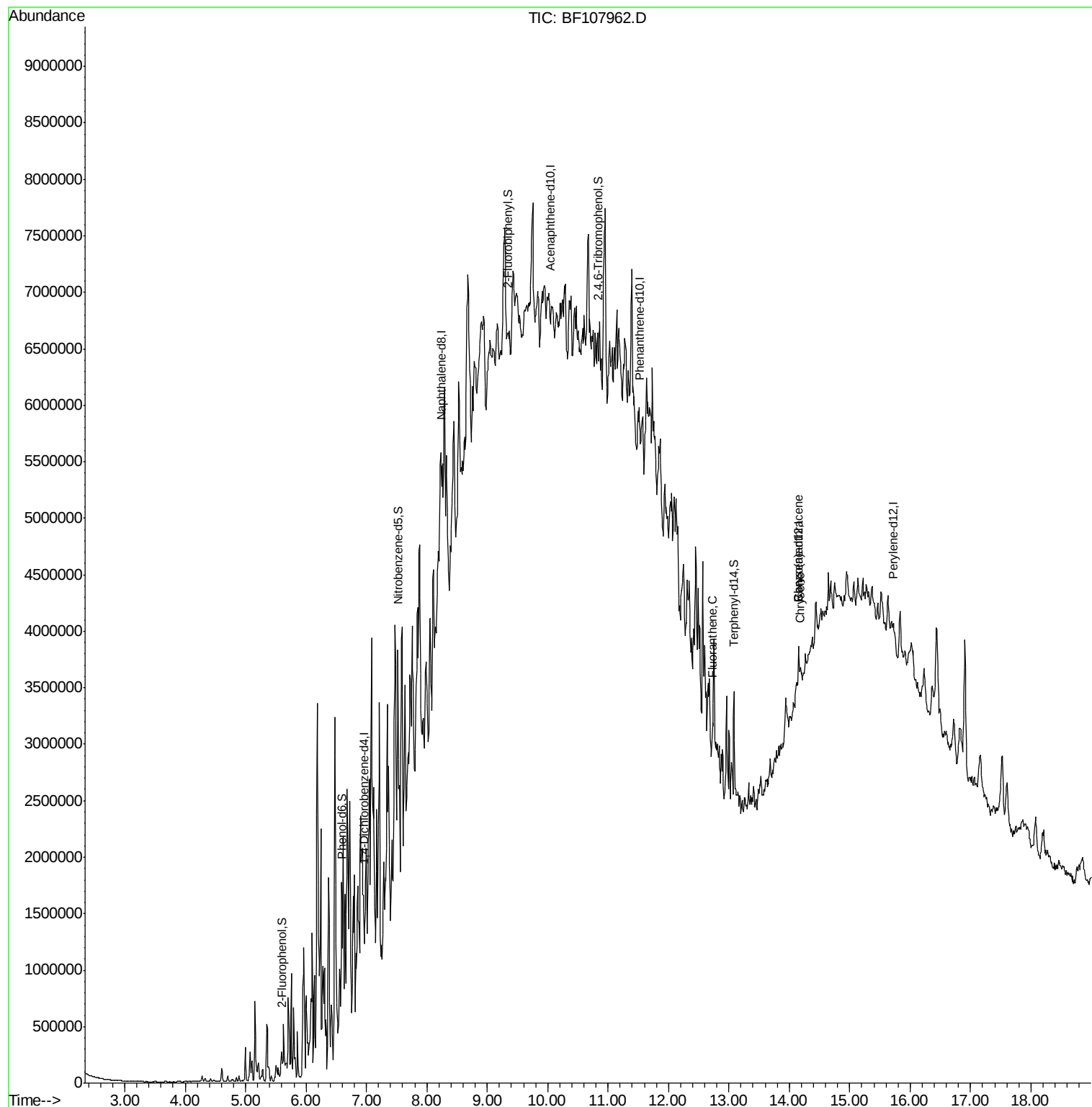
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107962.D
Acq On : 4 Aug 2018 2:46
Operator : JU/SJ
Sample : J4297-08 2X
Misc :
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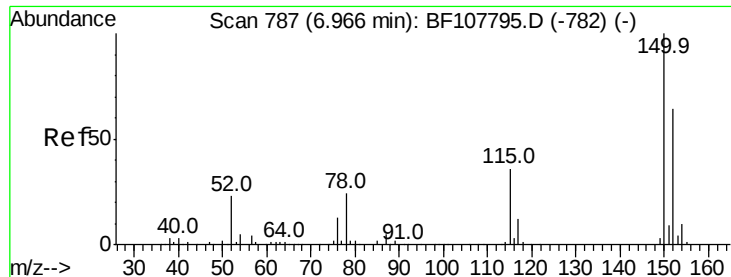
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
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#1

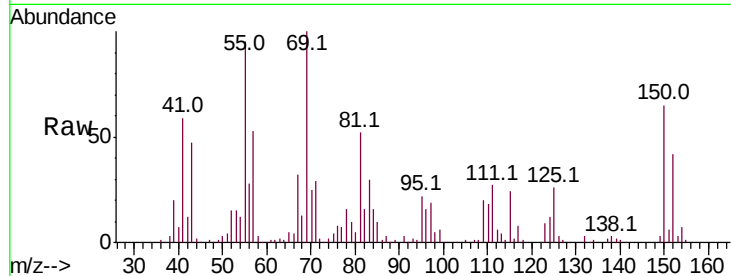
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107962.D
Acq: 4 Aug 2018 2:46

Instrument :
BNA_F
ClientSampleId :
TP-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	56.4	50.1	75.1

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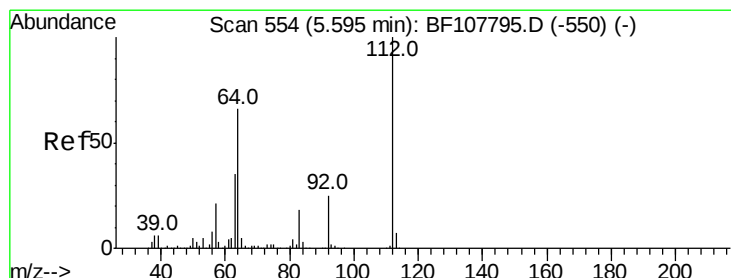
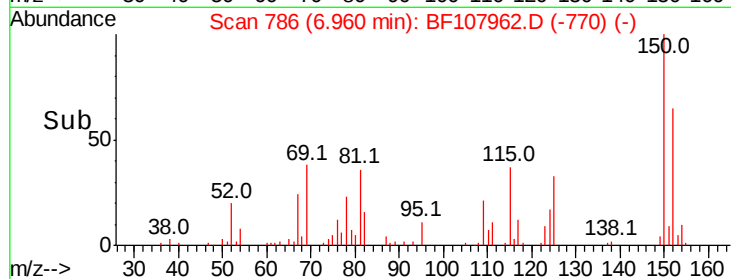
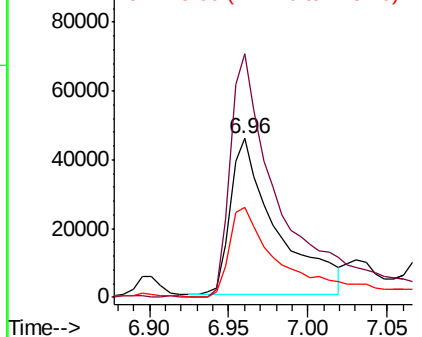


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

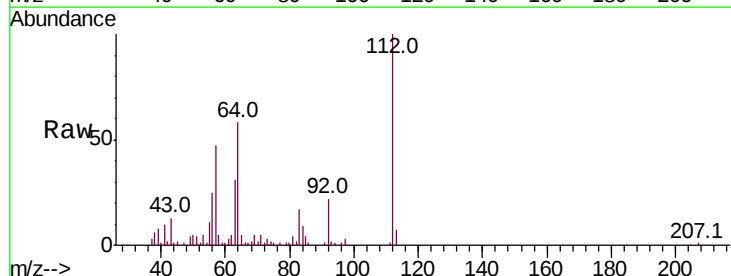
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 42.086 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107962.D
Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	30.7	23.7	35.5

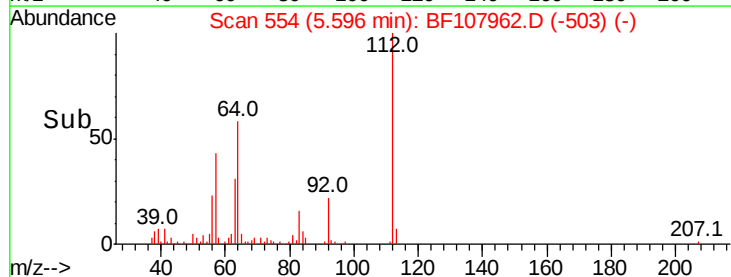
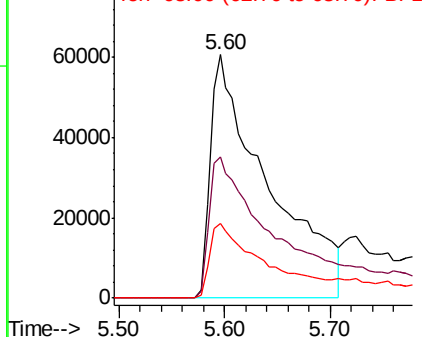


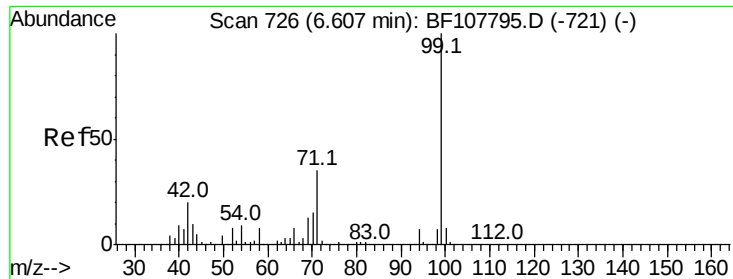
Abundance

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: 59.339 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107962.D

Acq: 4 Aug 2018 2:46

Instrument :

BNA_F

ClientSampled :

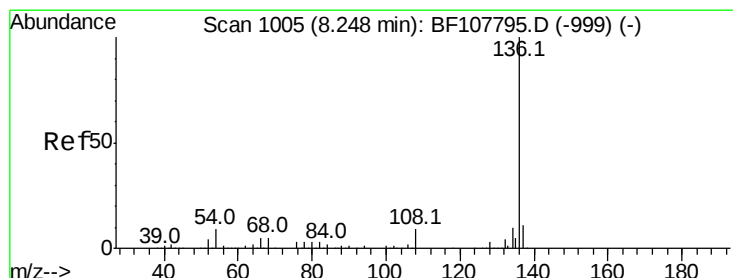
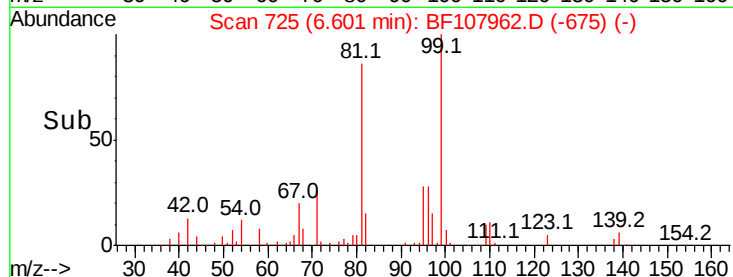
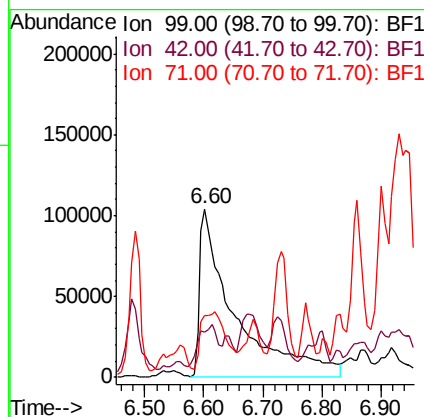
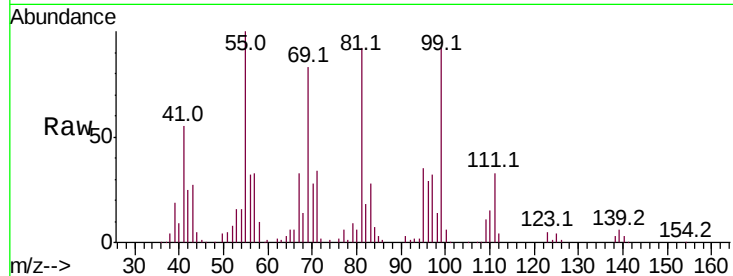
TP-8

Tot Ion: 99 Resp: 424620

Ion	Ratio	Lower	Upper
99	100		
42	26.5	14.5	21.7#
71	36.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

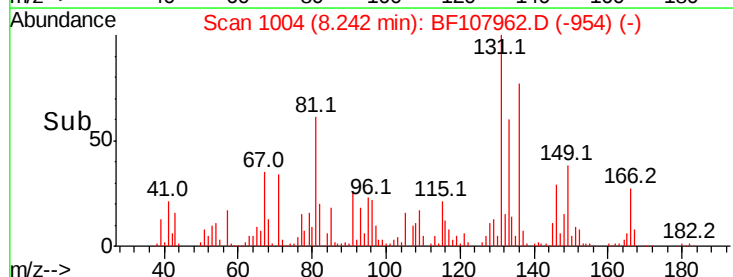
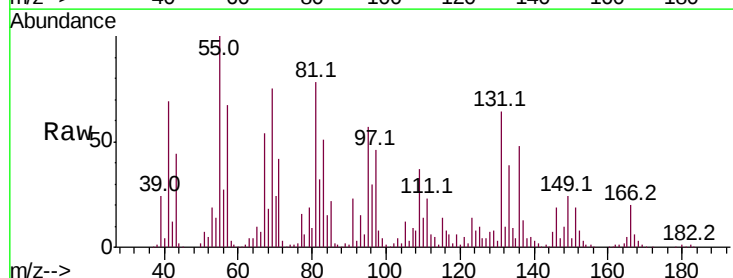
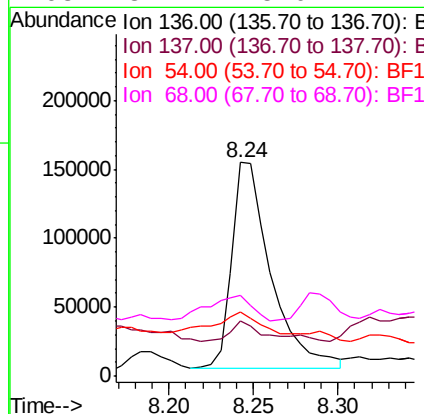
Delta R.T. -0.01 min

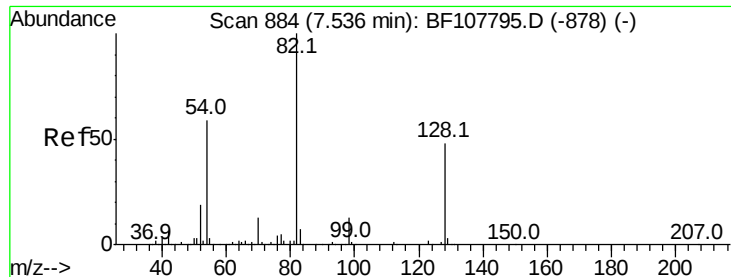
Lab File: BF107962.D

Acq: 4 Aug 2018 2:46

Tgt Ion: 136 Resp: 239977

Ion	Ratio	Lower	Upper
136	100		
137	26.0	8.9	13.3#
54	29.8	6.6	9.8#
68	37.7	5.0	7.4#





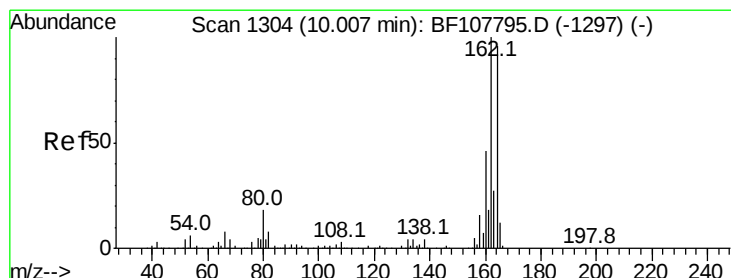
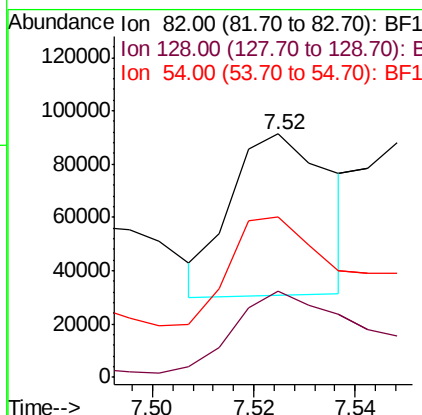
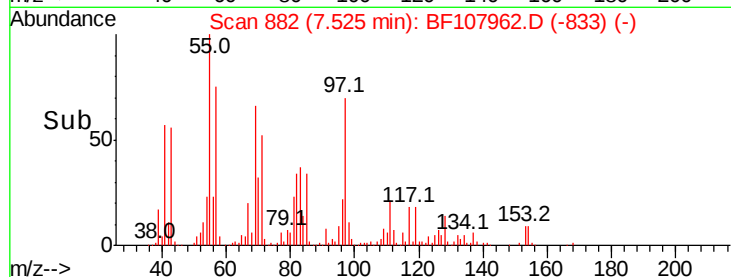
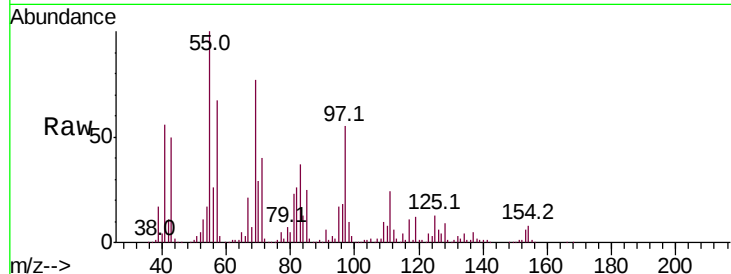
#23
Nitrobenzene-d5
Concen: 19.805 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107962.D
Acq: 4 Aug 2018 2:46

Instrument :
BNA_F
ClientSampled :
TP-8

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.4	36.1	54.1#
54	65.7	41.4	62.2#

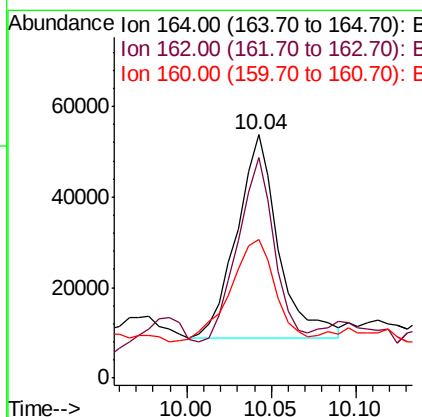
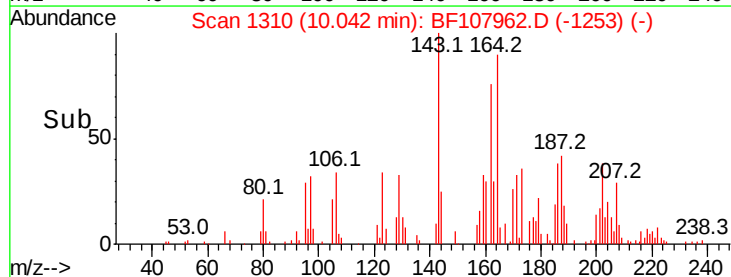
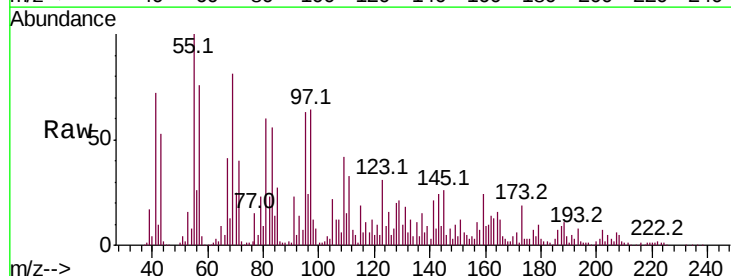
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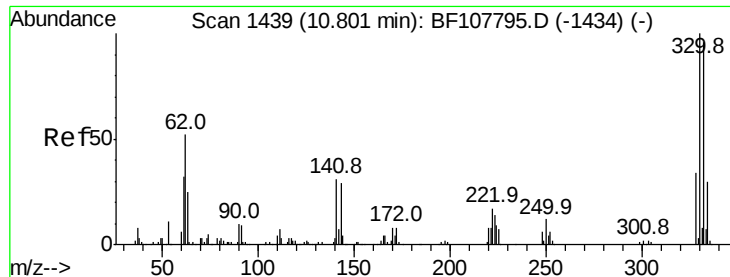
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.04 min
Lab File: BF107962.D
Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	90.8	86.1	129.1
160	57.1	38.3	57.5





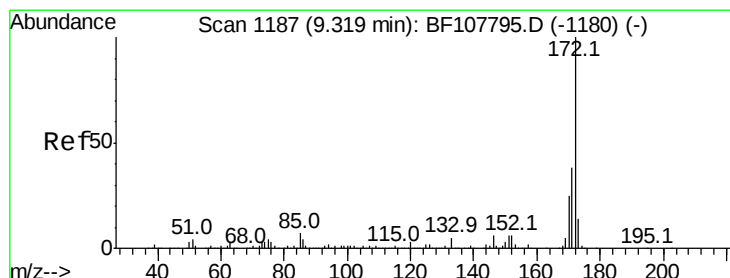
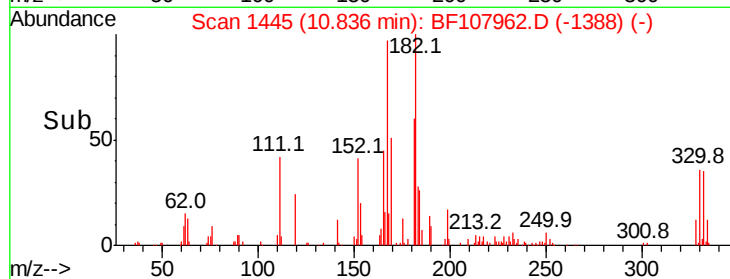
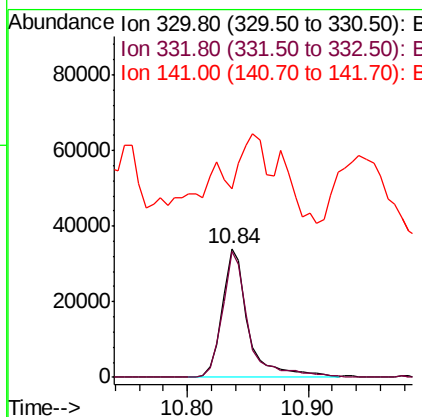
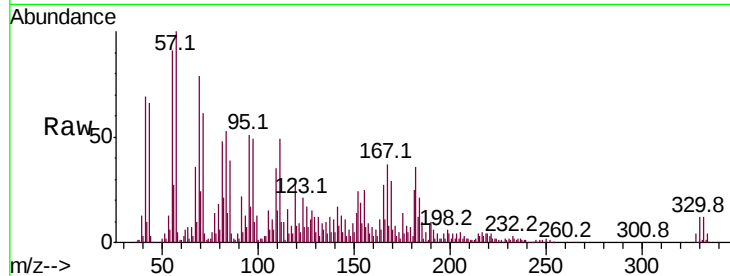
#41
 2,4,6-Tribromophenol
 Concen: 47.932 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.04 min
 Lab File: BF107962.D
 Acq: 4 Aug 2018 2:46

Instrument :
 BNA_F
 ClientSampled :
 TP-8

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	15.9	29.9	44.9#

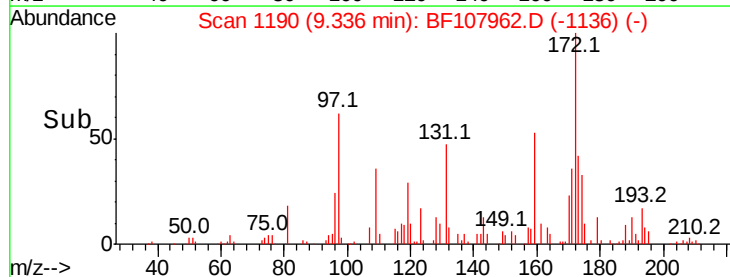
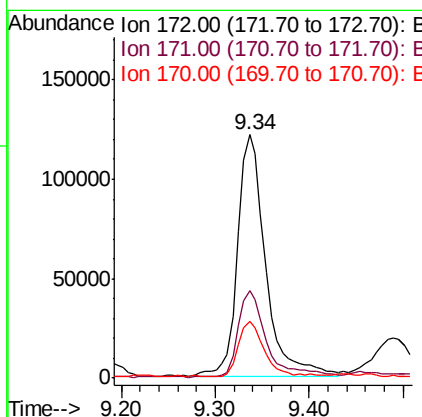
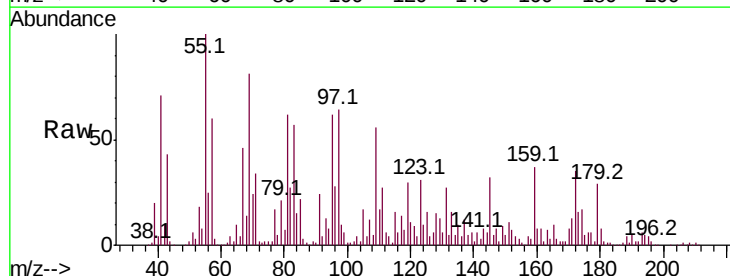
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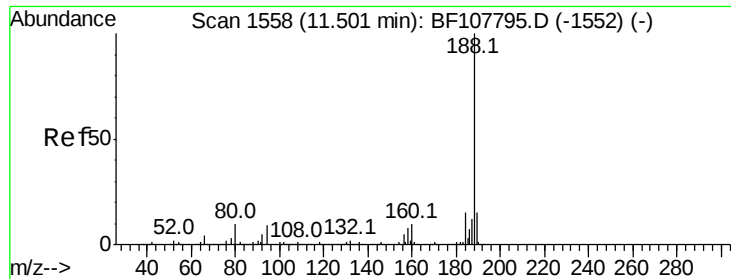
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#44
 2-Fluorobiphenyl
 Concen: 45.104 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.02 min
 Lab File: BF107962.D
 Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.3	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.53 min Scan# 1563

Delta R.T. 0.03 min

Lab File: BF107962.D

Acq: 4 Aug 2018 2:46

Instrument :

BNA_F

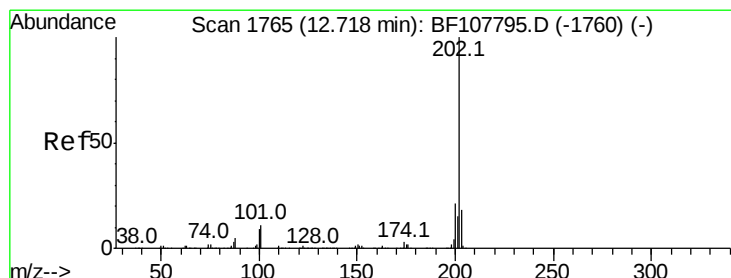
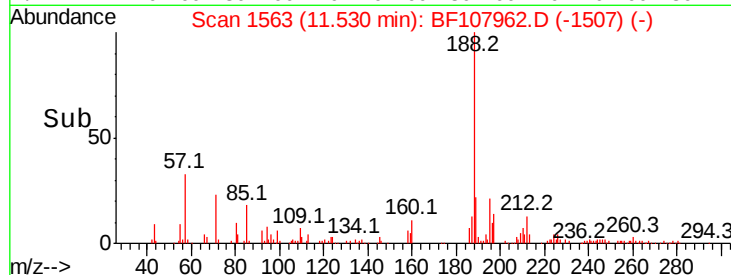
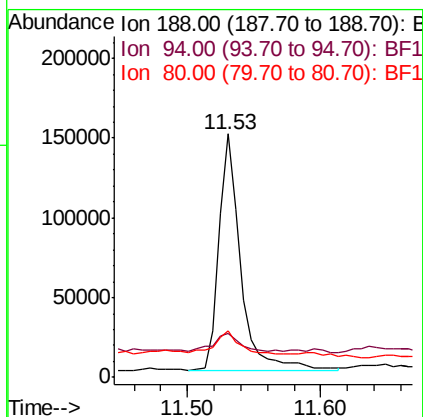
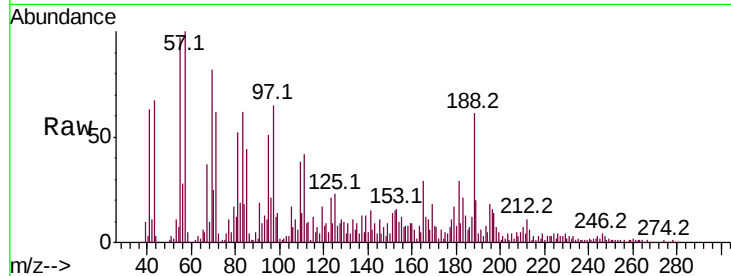
ClientSampled :

TP-8

Tot Ion:	188	Resp:	169164
Ion Ratio	Lower	Upper	
188	100		
94	18.0	8.5	12.7#
80	19.2	9.2	13.8#

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#74

Fluoranthene

Concen: 20.128 ng

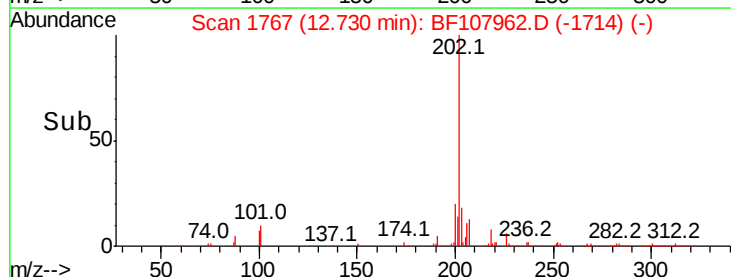
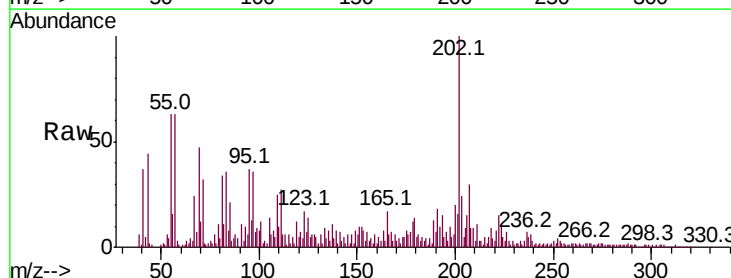
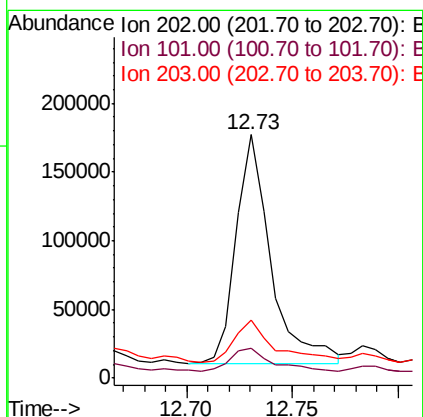
RT: 12.73 min Scan# 1767

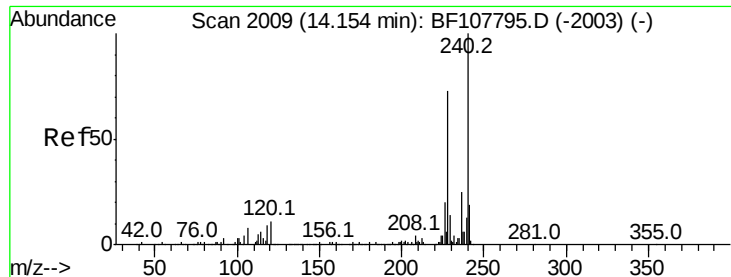
Delta R.T. 0.01 min

Lab File: BF107962.D

Acq: 4 Aug 2018 2:46

Tgt Ion:	202	Resp:	189936
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	34.1
203	23.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107962.D

Acq: 4 Aug 2018 2:46

Instrument :

BNA_F

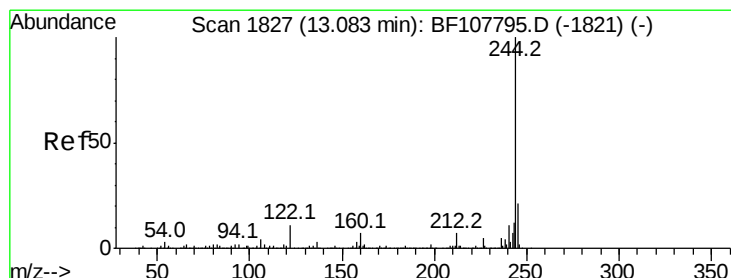
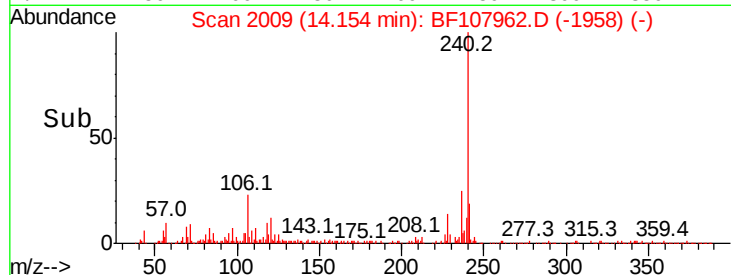
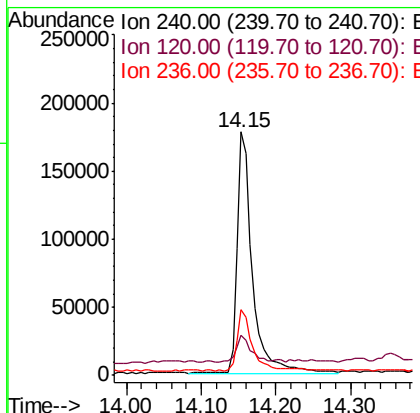
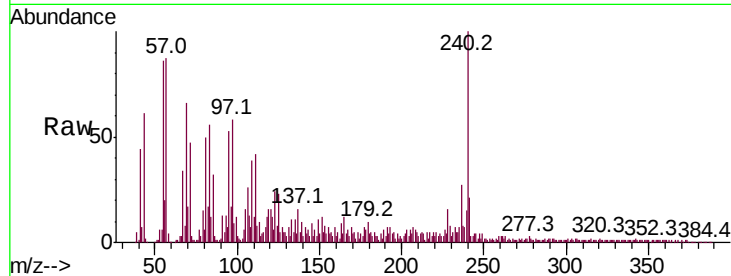
ClientSampleId :

TP-8

Tot Ion	Ratio	Resp	Lower	Upper
240	100	251240		
120	16.5	9.5	14.3	
236	27.1	20.7	31.1	

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#78

Terphenyl-d14

Concen: 38.765 ng

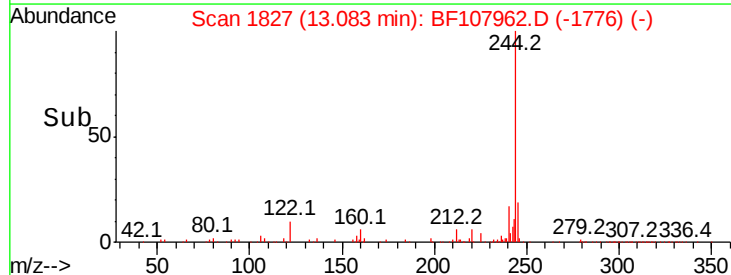
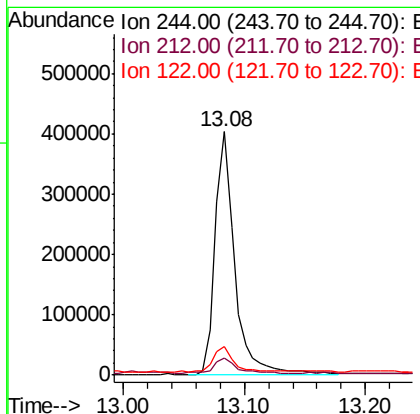
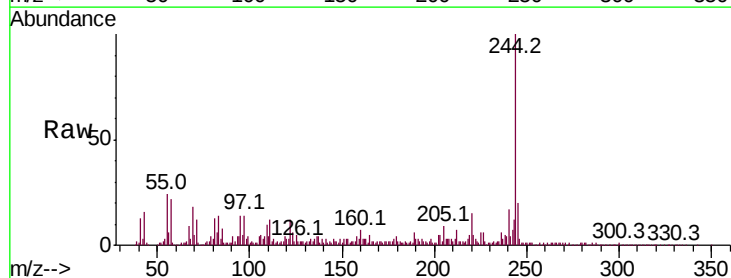
RT: 13.08 min Scan# 1827

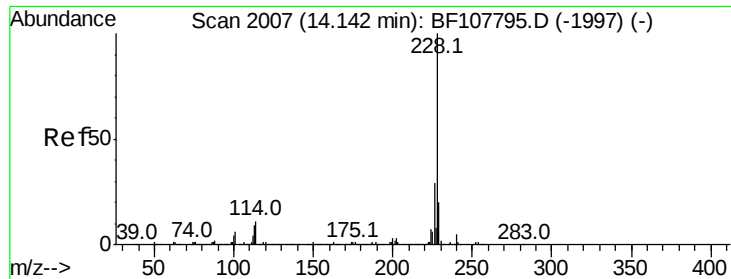
Delta R.T. 0.00 min

Lab File: BF107962.D

Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	449146		
212	7.2	5.4	8.0	
122	11.5	11.0	16.4	





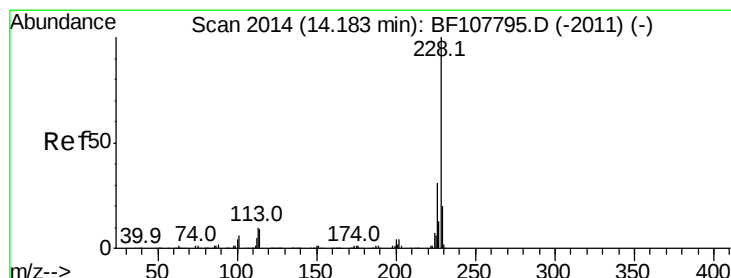
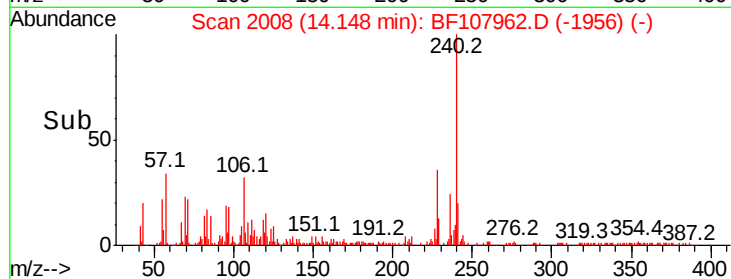
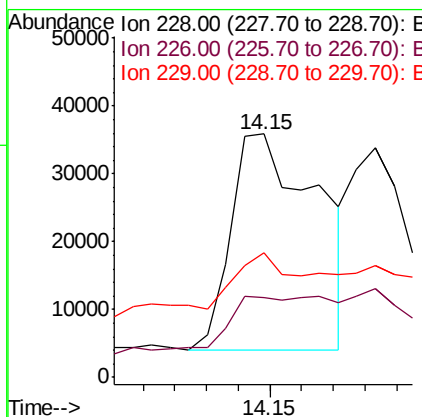
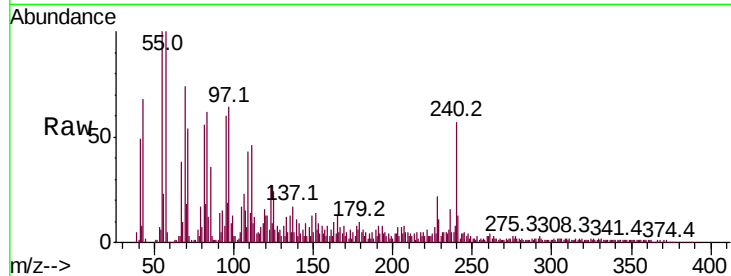
#80
Benzo(a)anthracene
Concen: 4.258 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF107962.D
Acq: 4 Aug 2018 2:46

Instrument :
BNA_F
ClientSampled :
TP-8

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.6	33.8
229	51.0	15.8	23.6

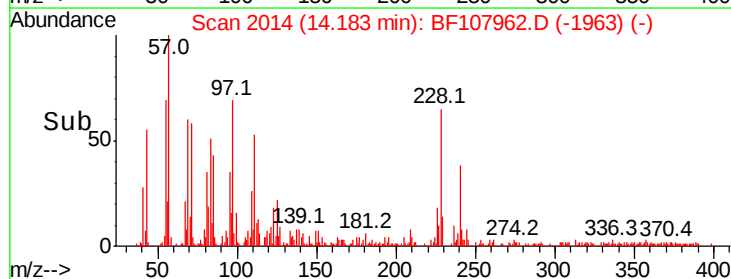
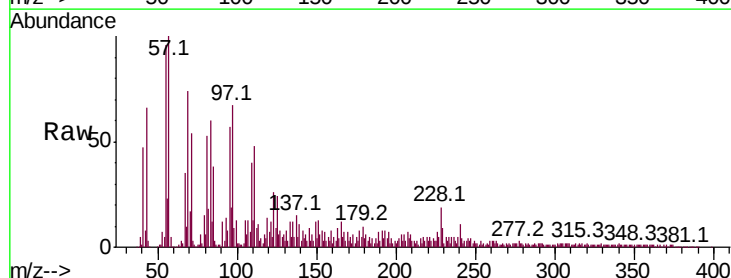
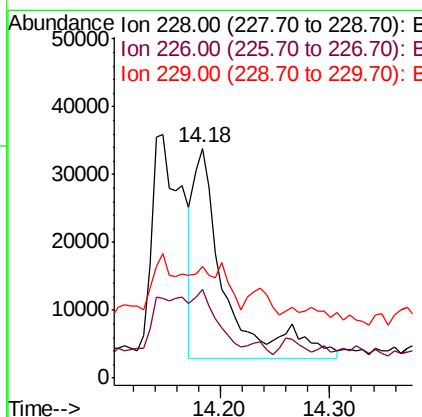
Manual Integrations
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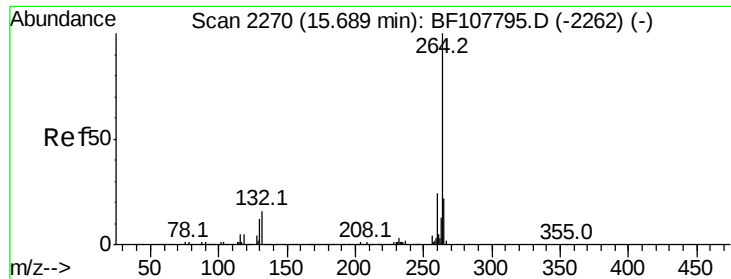
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#82
Chrysene
Concen: 3.903 ng m
RT: 14.18 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF107962.D
Acq: 4 Aug 2018 2:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.8	25.0	37.6
229	48.9	16.2	24.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.72 min Scan# 2275
 Delta R.T. 0.03 min
 Lab File: BF107962.D
 Acq: 4 Aug 2018 2:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.8	19.2	28.8
265	26.4	17.5	26.3

Manual Integrations
 APPROVED

Sohil
 8/6/2018 5:06:08 PM

