

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
 Data File : BF109145.D
 Acq On : 19 Sep 2018 16:02
 Operator : JU/SJ
 Sample : J4772-01RE 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091718RE

Manual Integrations
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Sohil
 9/20/2018 10:06:40 AM

Quant Time: Sep 19 16:42:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128931	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	444686	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	183686	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	328472	20.00	ng	0.00
75) Chrysene-d12	13.86	240	353494	20.00	ng	0.00
86) Perylene-d12	15.27	264	307953	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	170509	21.96	ng	0.00
7) Phenol-d6	6.35	99	218315	21.81	ng	0.00
23) Nitrobenzene-d5	7.28	82	114292	14.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	46154	23.15	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	233451	19.91	ng	0.00
78) Terphenyl-d14	12.81	244	228435	15.32	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	33012	2.514	ng	Qvalue # 97
70) Phenanthrene	11.25	178	81082	5.036	ng	99
74) Fluoranthene	12.44	202	146645	8.627	ng	97
77) Pyrene	12.67	202	151495	5.770	ng	99
80) Benzo(a)anthracene	13.85	228	82019	3.832	ng	97
82) Chrysene	13.88	228	68183	3.184	ng	98
87) Benzo(b)fluoranthene	14.87	252	84585m	4.965	ng	
89) Benzo(a)pyrene	15.21	252	52734	3.485	ng	# 93
91) Benzo(g,h,i)perylene	17.02	276	25477	2.005	ng	95

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

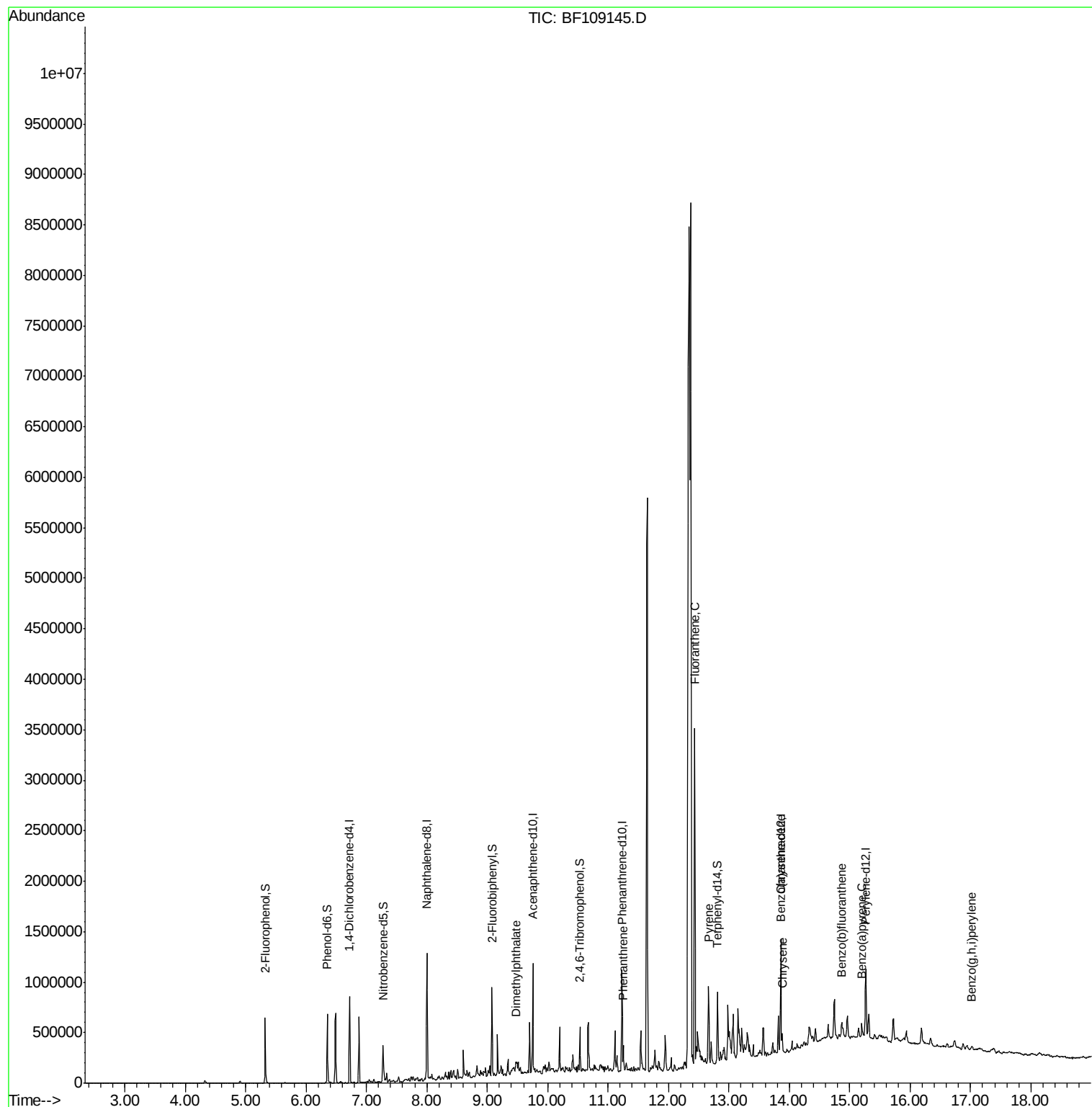
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
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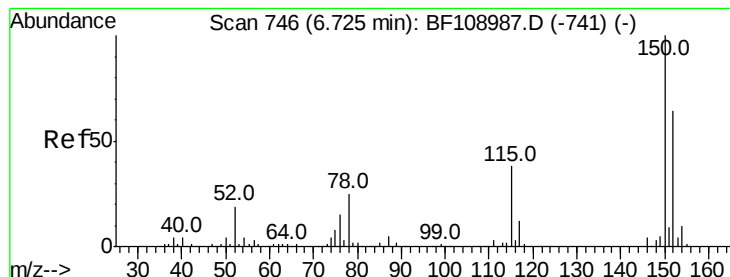
Instrument :
BNA_F
ClientSampleId :
HD-02-091718RE

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

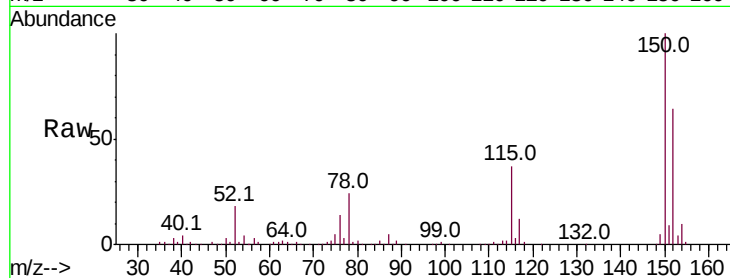
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF109145.D
Acq: 19 Sep 2018 16:02

Instrument :
BNA_F
ClientSampleId :
HD-02-091718RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	57.8	50.1	75.1

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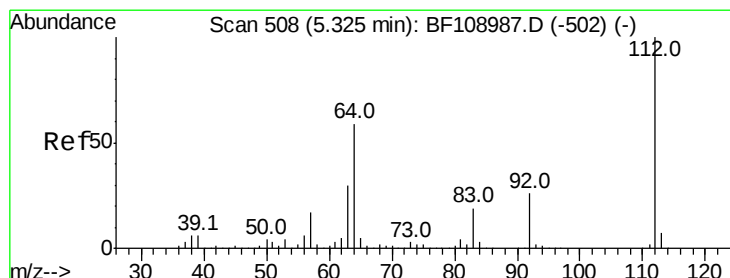
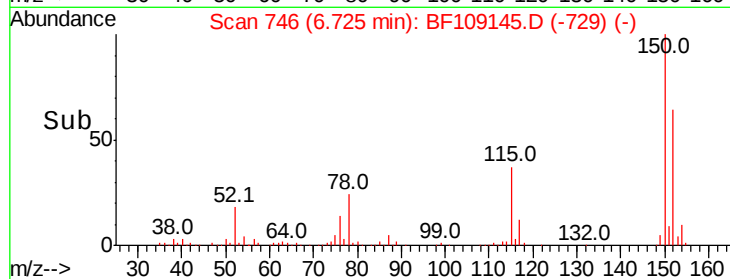
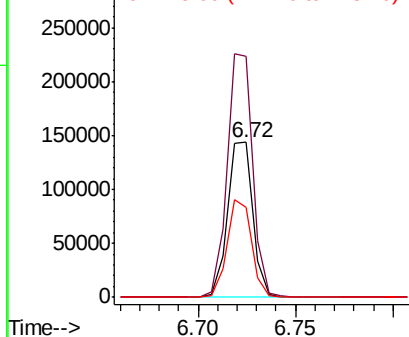


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

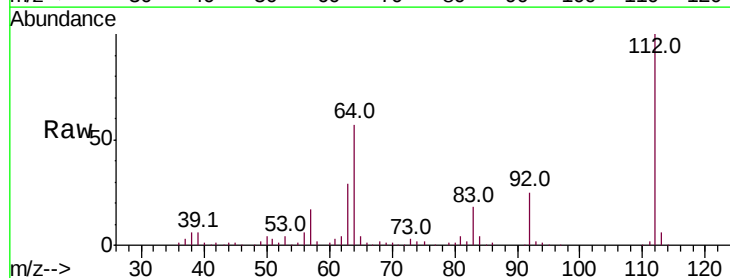
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 21.965 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109145.D
Acq: 19 Sep 2018 16:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	29.2	23.7	35.5

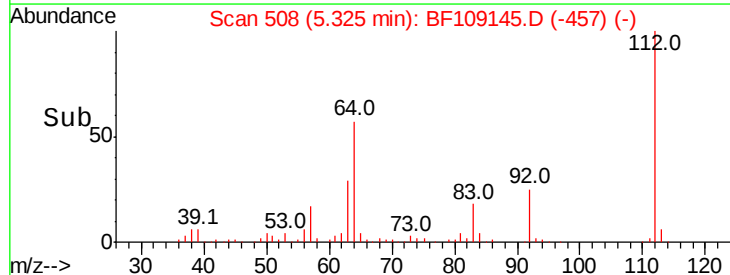
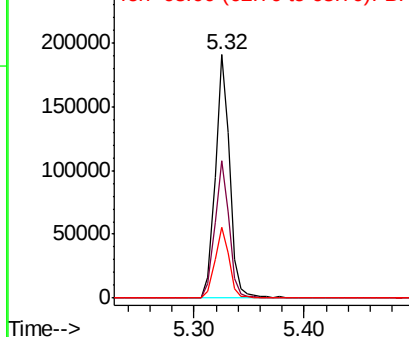


Abundance

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: 21.810 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109145.D

Acq: 19 Sep 2018 16:02

Instrument :

BNA_F

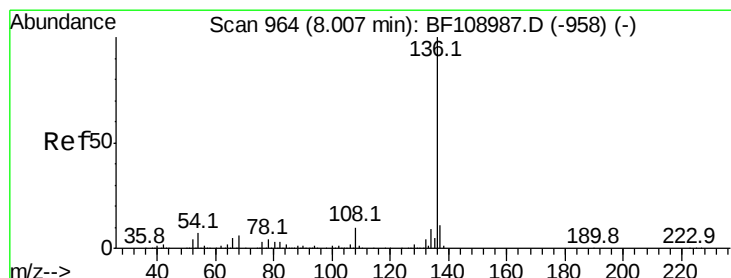
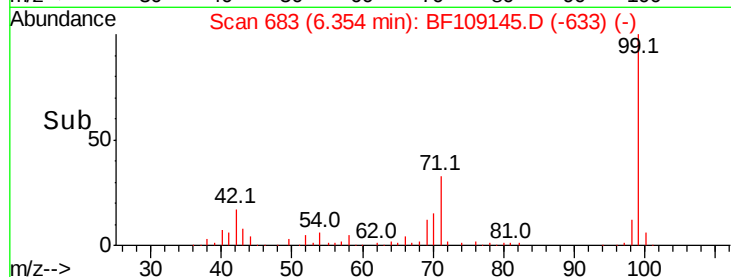
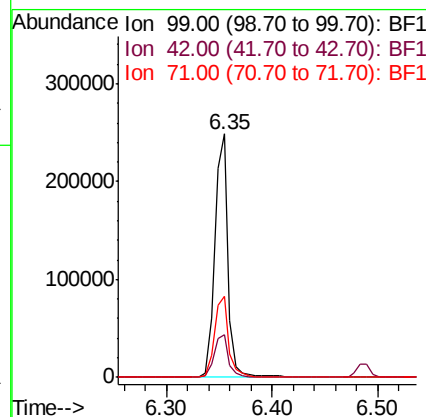
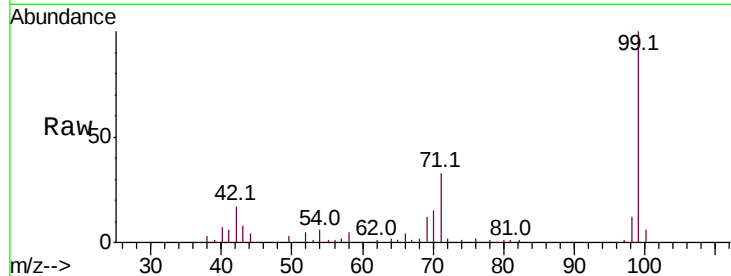
ClientSampleId :

HD-02-091718RE

Tot Ion:	99	Resp:	218315
Ion Ratio	Lower	Upper	
99	100		
42	17.4	14.5	21.7
71	33.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

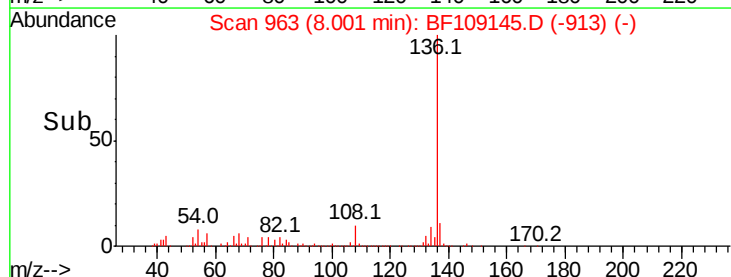
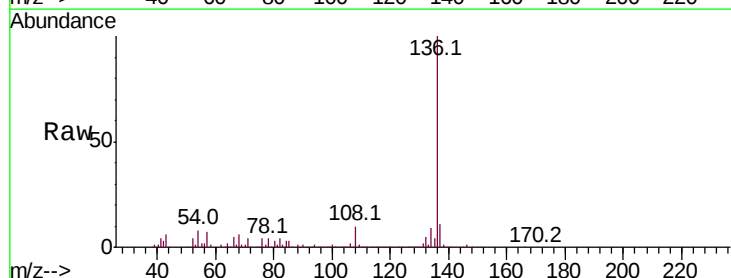
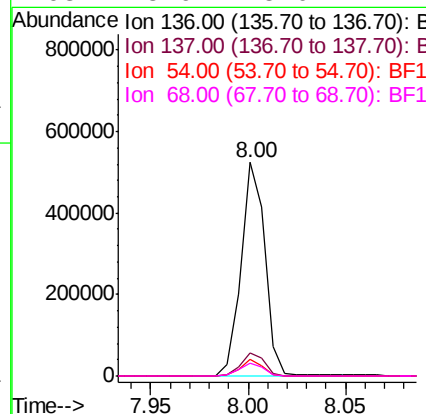
RT: 8.00 min Scan# 963

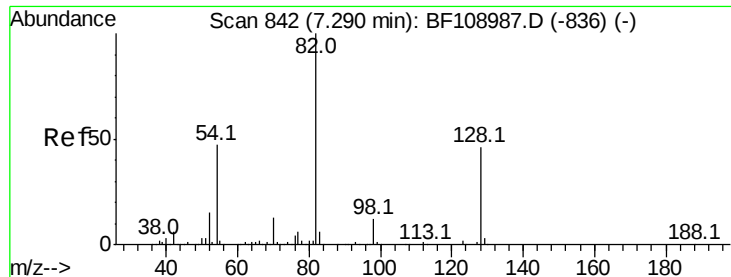
Delta R.T. -0.01 min

Lab File: BF109145.D

Acq: 19 Sep 2018 16:02

Tgt Ion:	136	Resp:	444686
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	7.8	6.6	9.8
68	5.9	5.0	7.4





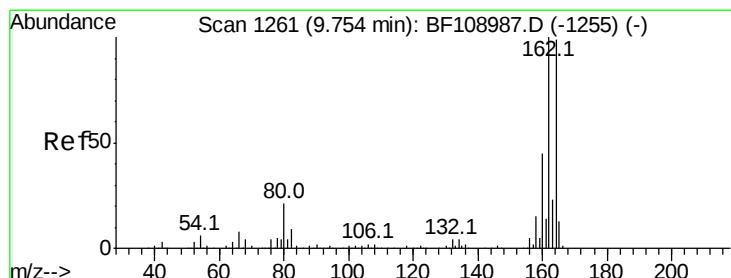
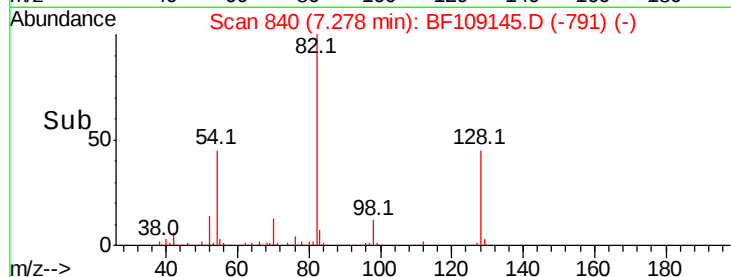
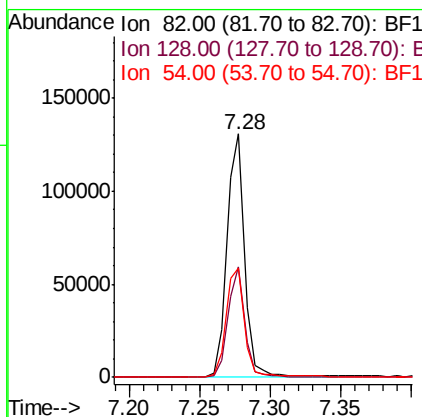
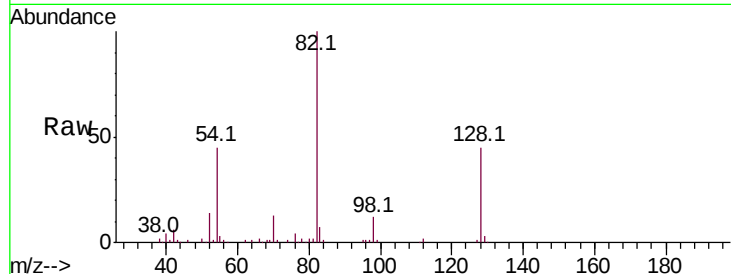
#23
Nitrobenzene-d5
Concen: 14.416 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109145.D
Acq: 19 Sep 2018 16:02

Instrument :
BNA_F
ClientSampleId :
HD-02-091718RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	45.1	41.4	62.2

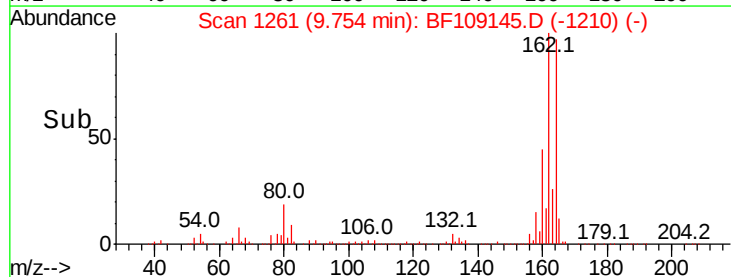
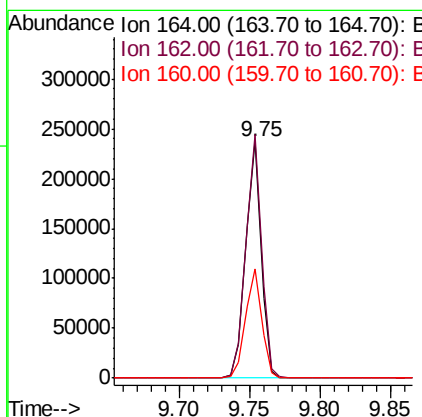
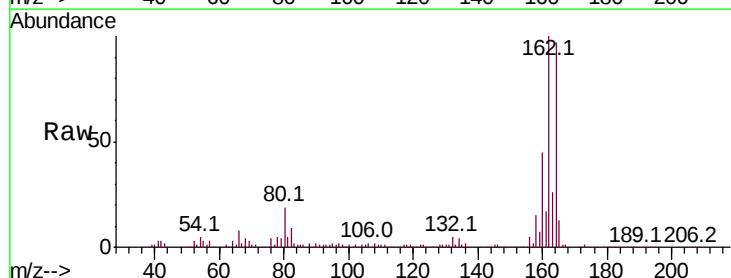
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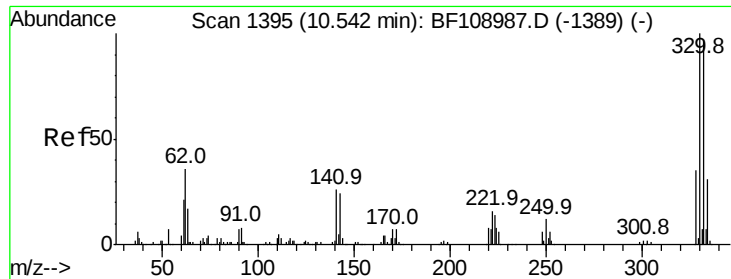
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF109145.D
Acq: 19 Sep 2018 16:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.2	38.3	57.5





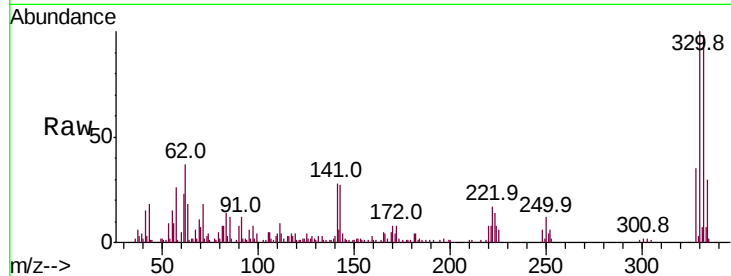
#41
 2,4,6-Tribromophenol
 Concen: 23.152 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109145.D
 Acq: 19 Sep 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091718RE

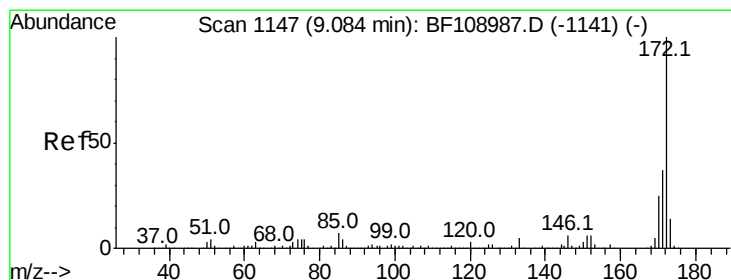
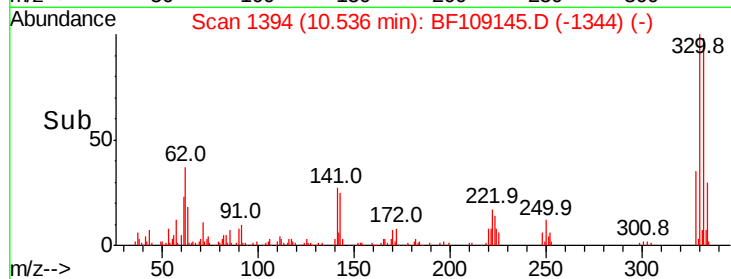
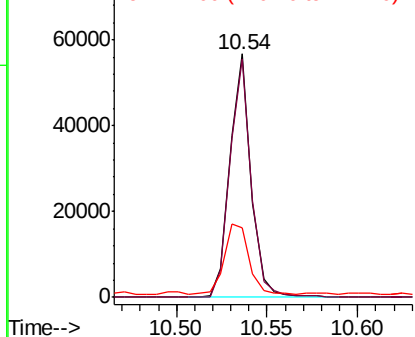
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.3	77.0	115.6	
141	33.9	29.9	44.9	

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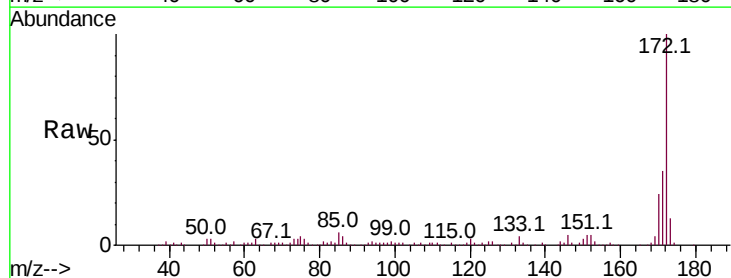


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

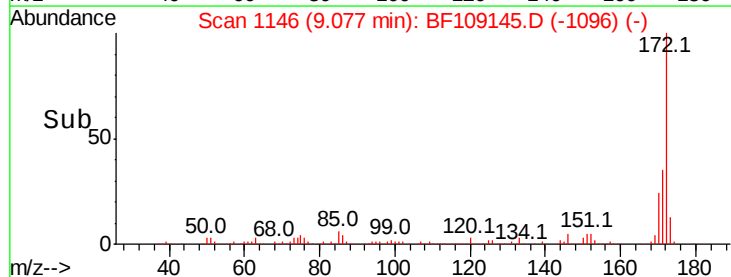
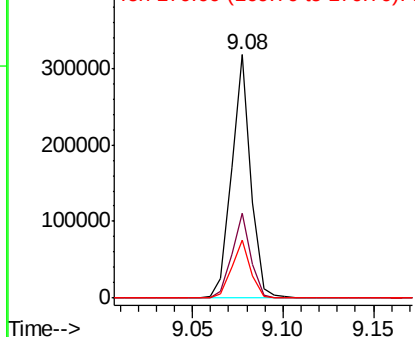


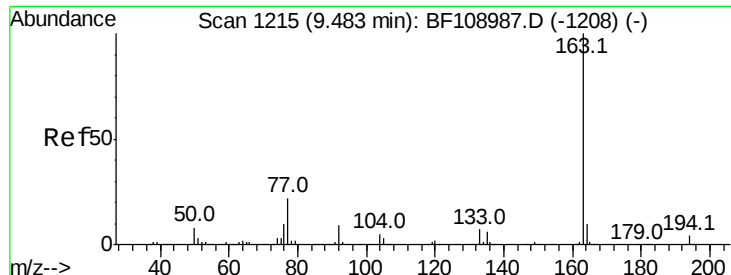
#44
 2-Fluorobiphenyl
 Concen: 19.912 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109145.D
 Acq: 19 Sep 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.8	29.7	44.5	
170	23.6	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





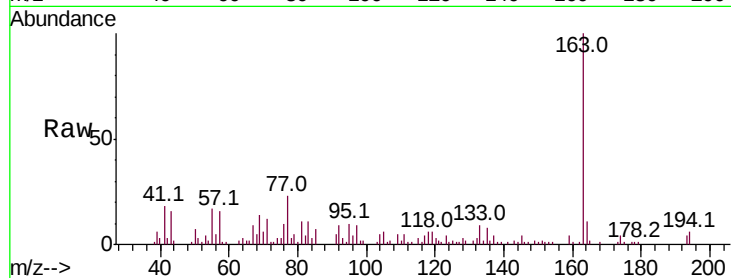
#49
Dimethylphthalate
Concen: 2.514 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109145.D
Acq: 19 Sep 2018 16:02

Instrument :
BNA_F
ClientSampleId :
HD-02-091718RE

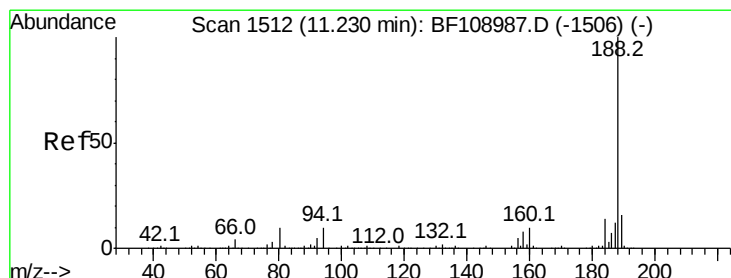
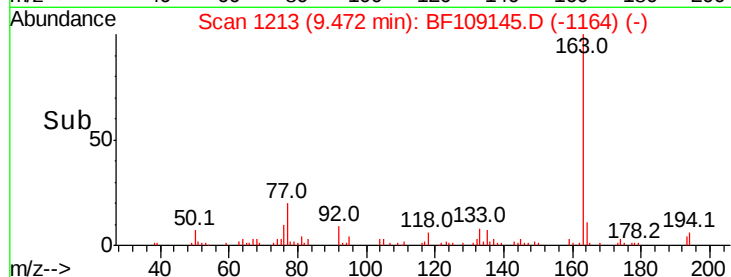
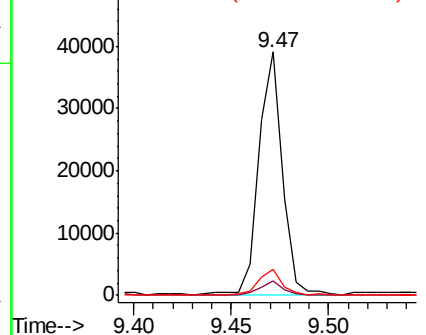
Tot Ion	Ratio	Lower	Upper
163	100		
194	6.0	2.7	4.1#
164	10.7	8.2	12.2

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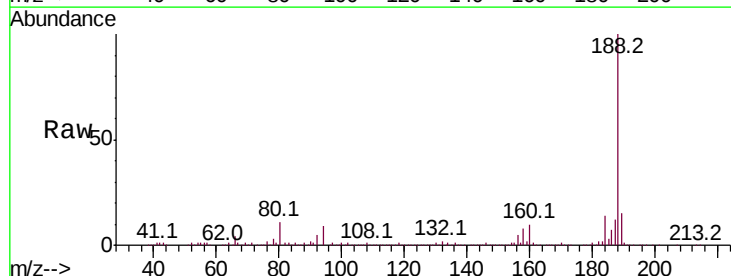


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

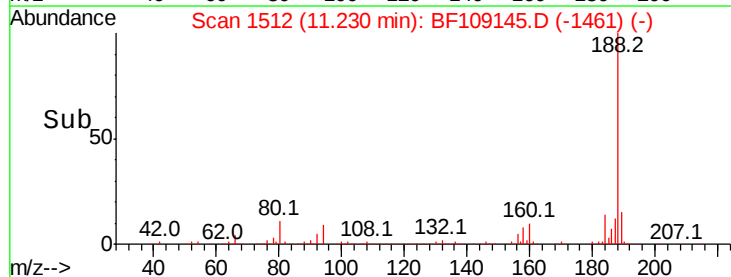
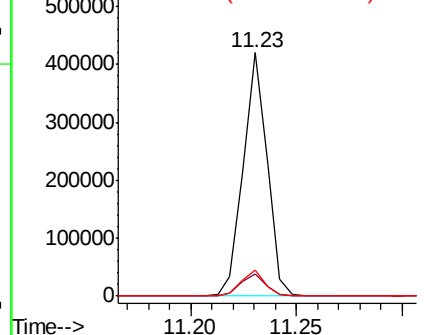


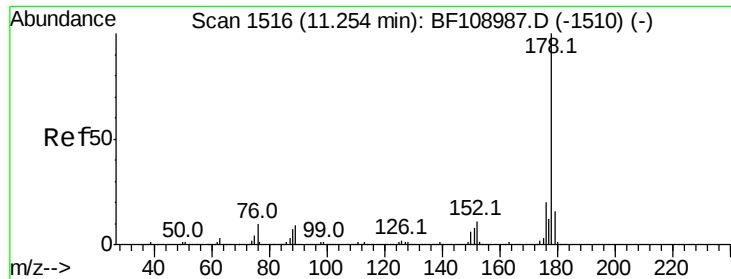
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109145.D
Acq: 19 Sep 2018 16:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	10.7	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





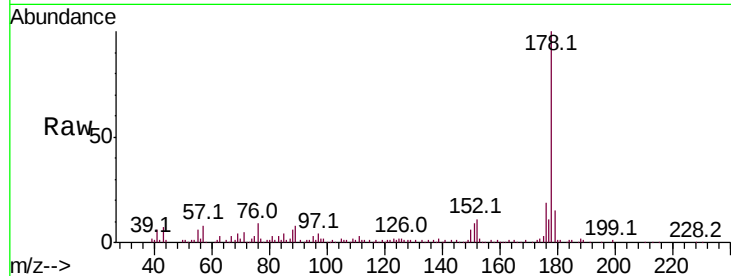
#70
Phenanthrene
Concen: 5.036 ng
RT: 11.25 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF109145.D
Acq: 19 Sep 2018 16:02

Instrument :
BNA_F
ClientSampleId :
HD-02-091718RE

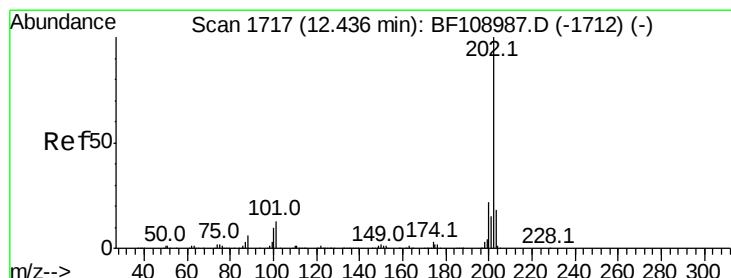
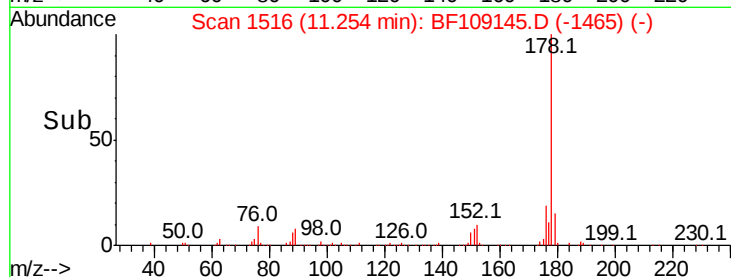
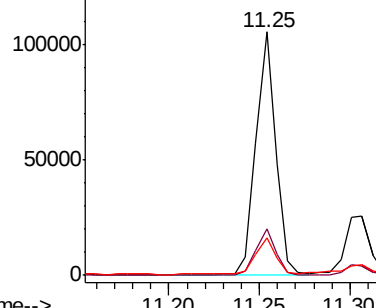
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.5	13.0	19.6

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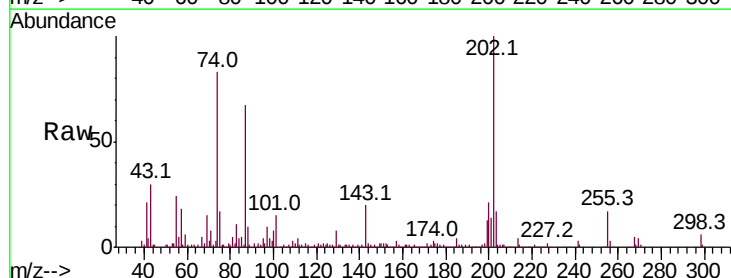


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

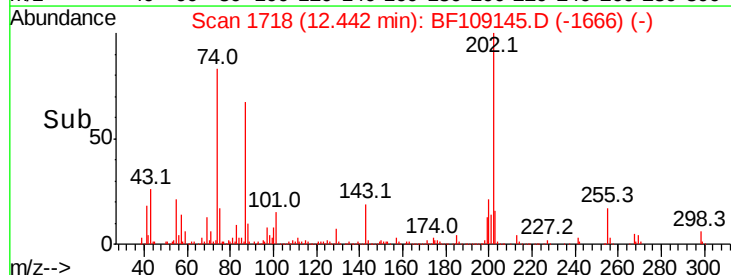
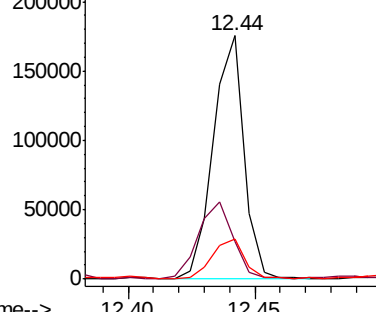


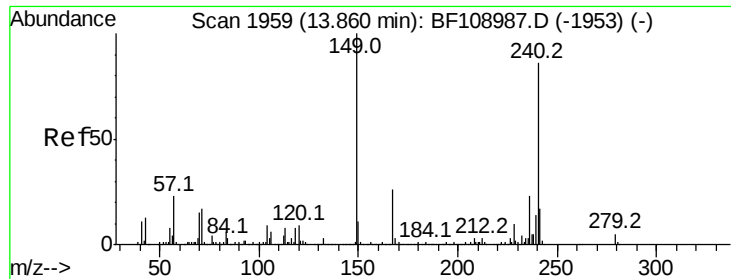
#74
Fluoranthene
Concen: 8.627 ng
RT: 12.44 min Scan# 1718
Delta R.T. 0.01 min
Lab File: BF109145.D
Acq: 19 Sep 2018 16:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	34.1
203	16.6	0.0	38.1



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: 13.86 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BF109145.D

Acq: 19 Sep 2018 16:02

Instrument :

BNA_F

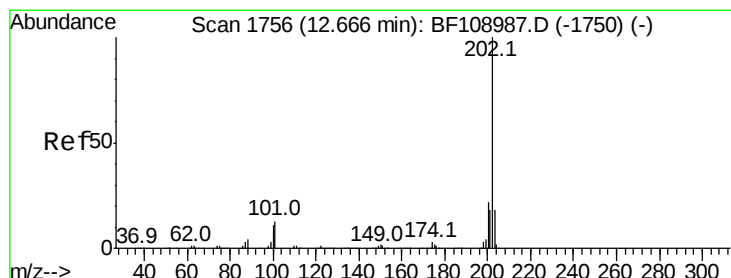
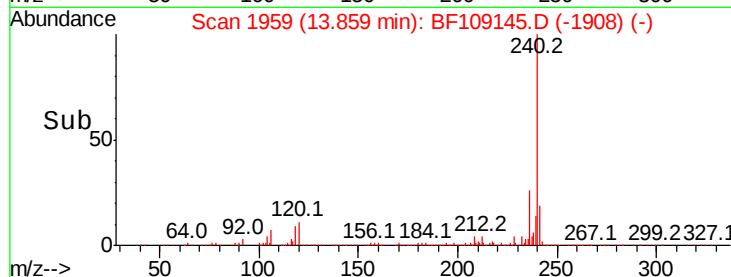
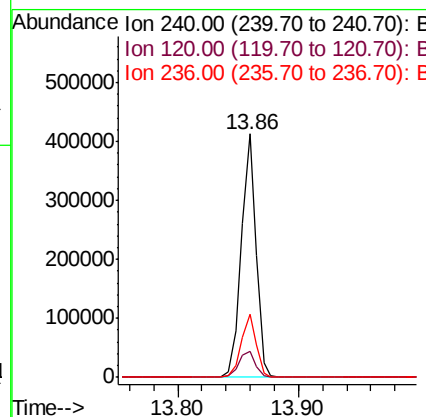
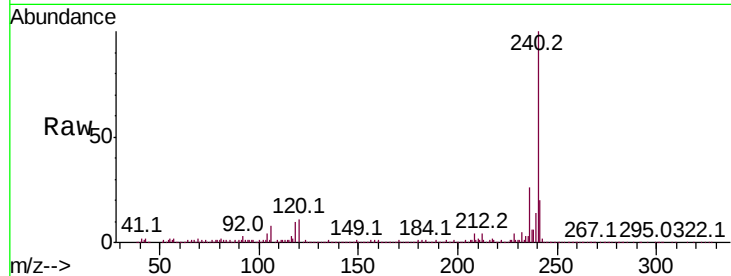
ClientSampleId :

HD-02-091718RE

Tot Ion:	240	Resp:	353494
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.5	14.3
236	26.0	20.7	31.1

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#77

Pyrene

Concen: 5.770 ng

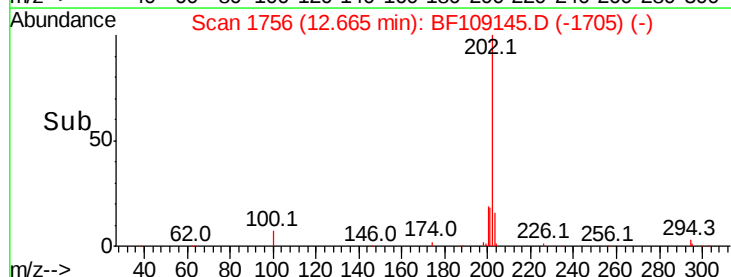
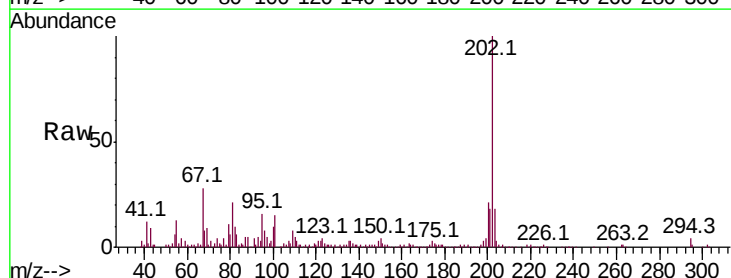
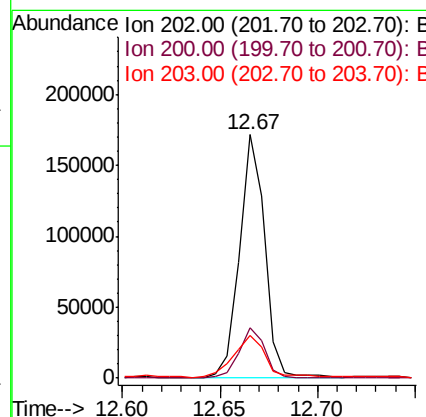
RT: 12.67 min Scan# 1756

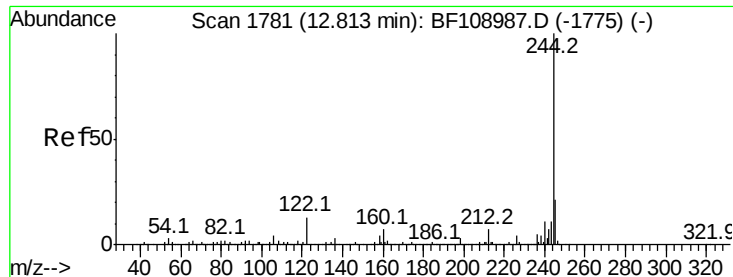
Delta R.T. -0.00 min

Lab File: BF109145.D

Acq: 19 Sep 2018 16:02

Tgt Ion:	202	Resp:	151495
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	17.6	14.3	21.5





#78

Terphenyl-d14

Concen: 15.317 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109145.D

Acq: 19 Sep 2018 16:02

Instrument :

BNA_F

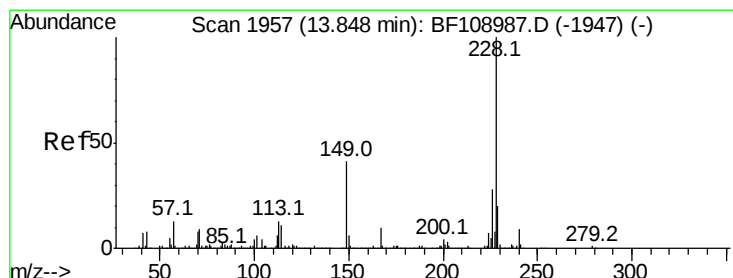
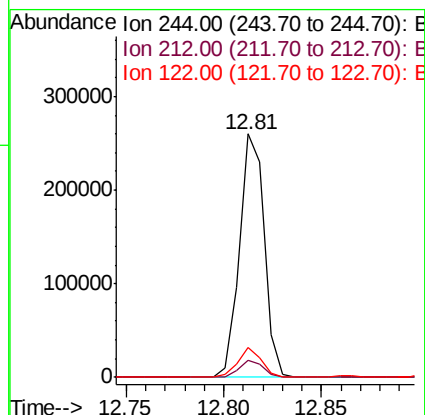
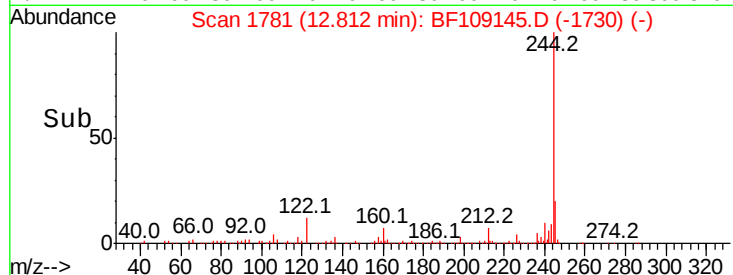
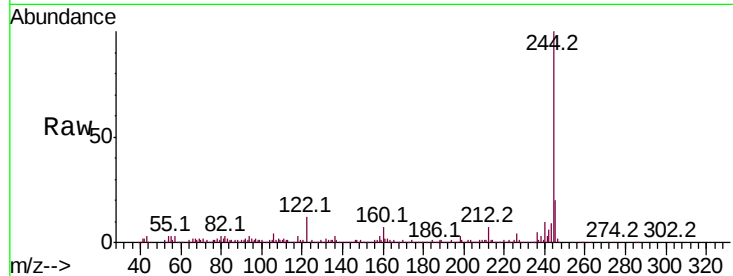
ClientSampleId :

HD-02-091718RE

Tot Ion:	244	Resp:	228435
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	12.3	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 3.832 ng

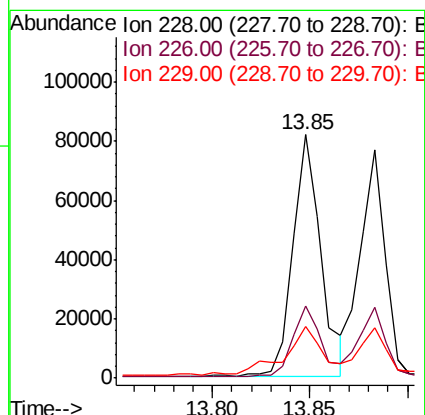
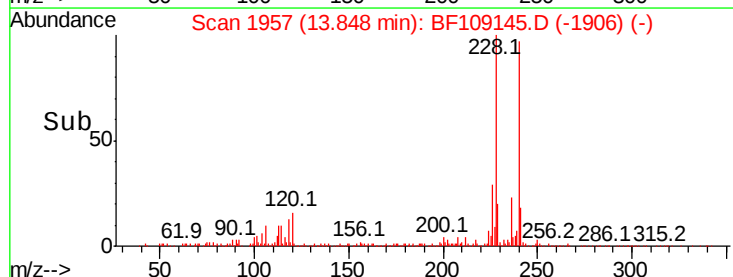
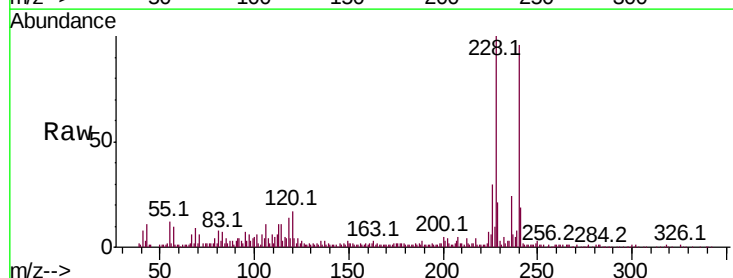
RT: 13.85 min Scan# 1957

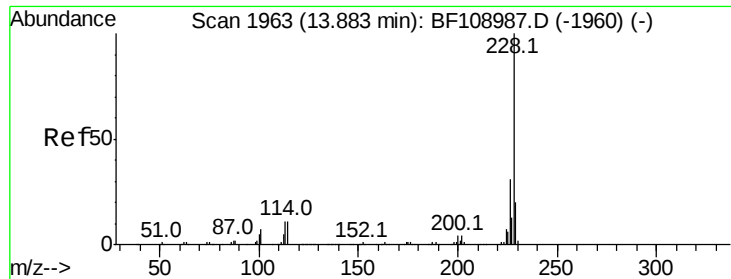
Delta R.T. -0.00 min

Lab File: BF109145.D

Acq: 19 Sep 2018 16:02

Tgt Ion:	228	Resp:	82019
Ion Ratio	Lower	Upper	
228	100		
226	29.8	22.6	33.8
229	21.0	15.8	23.6





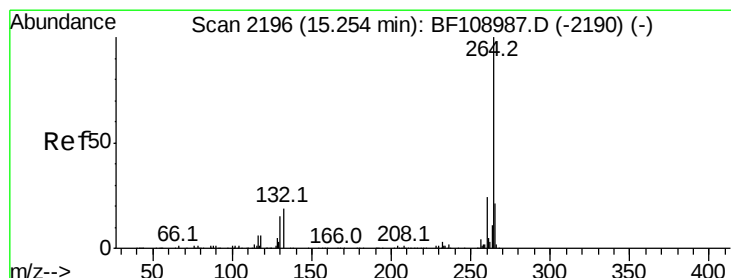
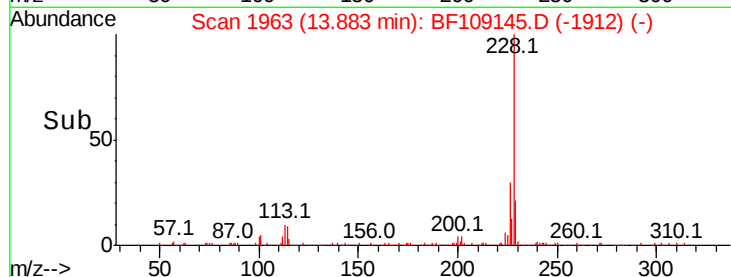
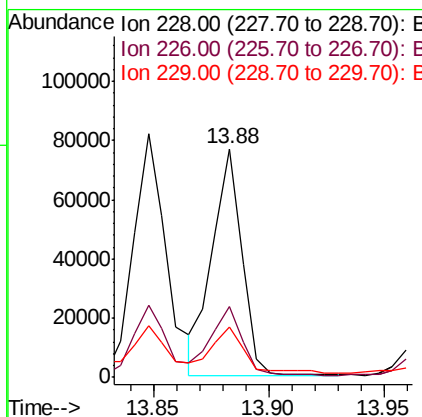
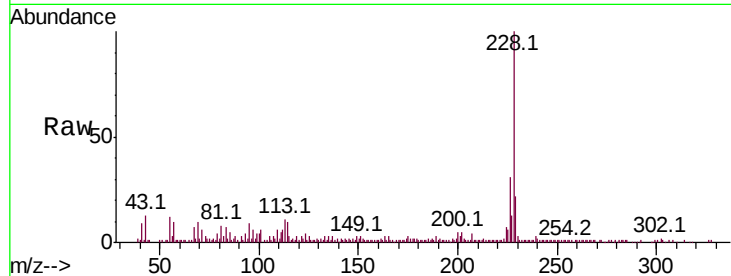
#82
Chrysene
Concen: 3.184 ng
RT: 13.88 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BF109145.D
Acq: 19 Sep 2018 16:02

Instrument :
BNA_F
ClientSampleId :
HD-02-091718RE

Tot Ion:	228	Resp:	68183
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.0	37.6
229	22.2	16.2	24.4

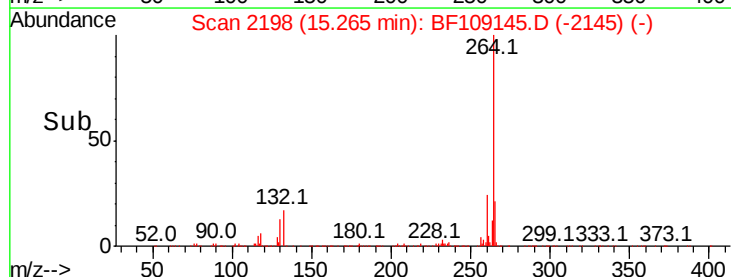
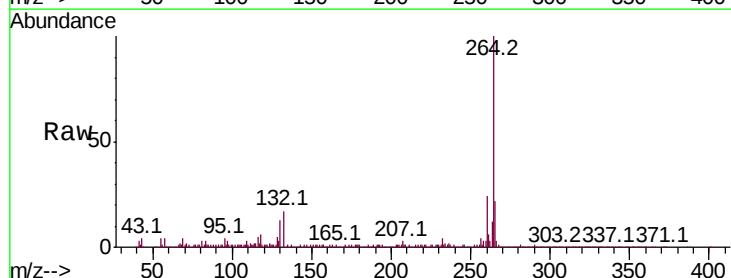
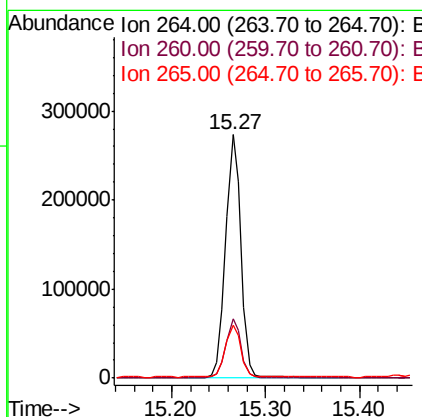
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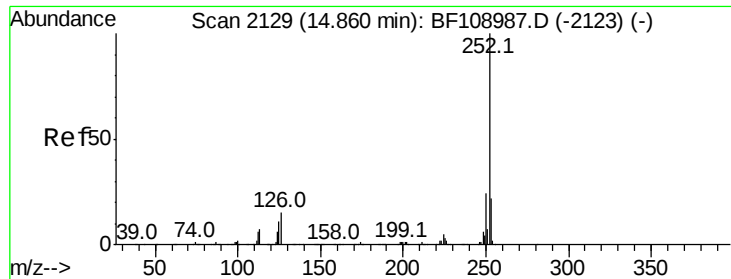
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF109145.D
Acq: 19 Sep 2018 16:02

Tgt Ion:	264	Resp:	307953
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	21.6	17.5	26.3





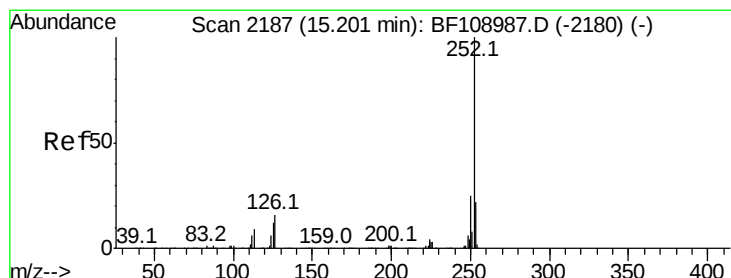
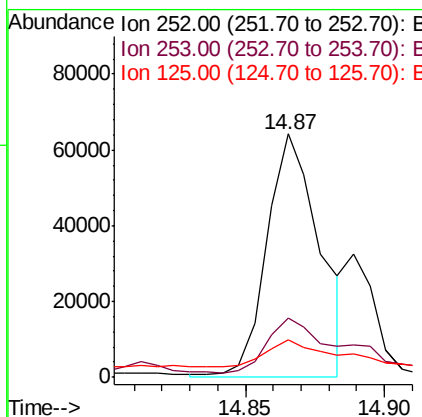
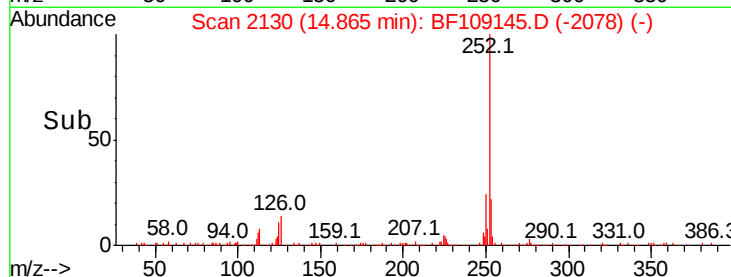
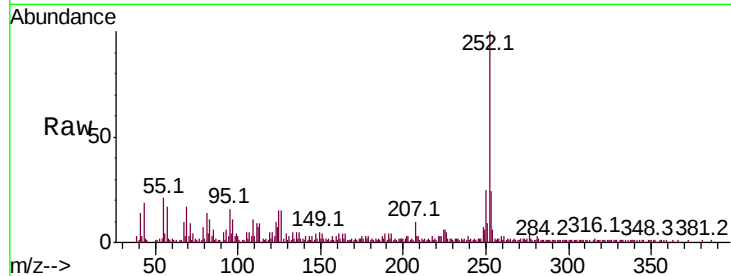
#87
Benzo(b)fluoranthene
Concen: 4.965 ng/mL
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109145.D
Acq: 19 Sep 2018 16:02

Instrument :
BNA_F
ClientSampleId :
HD-02-091718RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	15.4	9.0	13.6

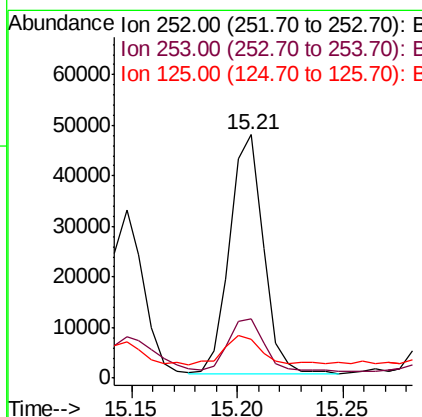
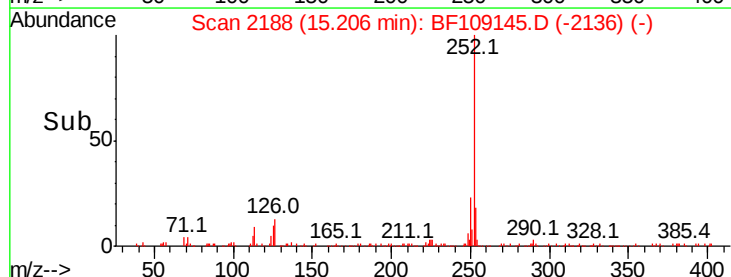
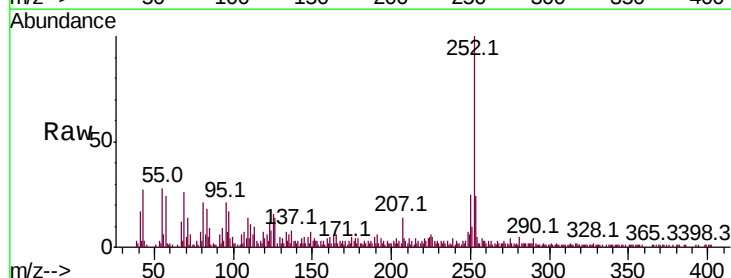
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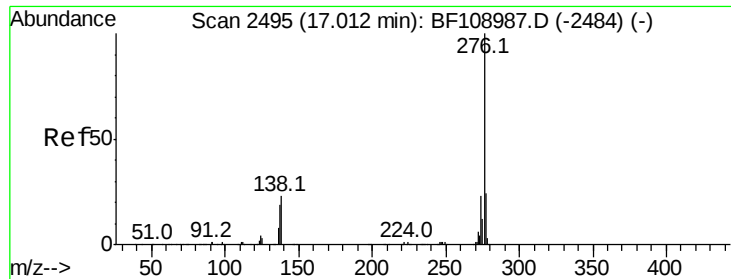
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#89
Benzo(a)pyrene
Concen: 3.485 ng/mL
RT: 15.21 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BF109145.D
Acq: 19 Sep 2018 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	16.1	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.005 ng
 RT: 17.02 min Scan# 2497
 Delta R.T. 0.01 min
 Lab File: BF109145.D
 Acq: 19 Sep 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091718RE

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.5	17.9	26.9
138	25.3	21.8	32.8

Manual Integrations
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