

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100009.D
 Acq On : 31 Oct 2017 17:59
 Operator : SJ/JU
 Sample : I6209-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-002-B

Manual Integrations
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Sohil
 11/1/2017 2:37:45 PM

Quant Time: Nov 01 05:15:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	97714	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	406109	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	180093	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	306292	20.00	ng	0.00
75) Chrysene-d12	13.98	240	190509	20.00	ng	0.00
86) Perylene-d12	15.48	264	170368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	586424	94.22	ng	0.00
7) Phenol-d6	6.43	99	708903	96.06	ng	0.00
23) Nitrobenzene-d5	7.36	82	405159	64.23	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	153387	93.46	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	767215	65.73	ng	0.00
78) Terphenyl-d14	12.90	244	582624	66.83	ng	0.00
Target Compounds						
10) Phenol	6.45	94	37221	4.594	ng	93
49) Dimethylphthalate	9.54	163	156951	11.005	ng	100
74) Fluoranthene	12.55	202	43242	2.407	ng	96
77) Pyrene	12.77	202	41906	2.893	ng	98

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

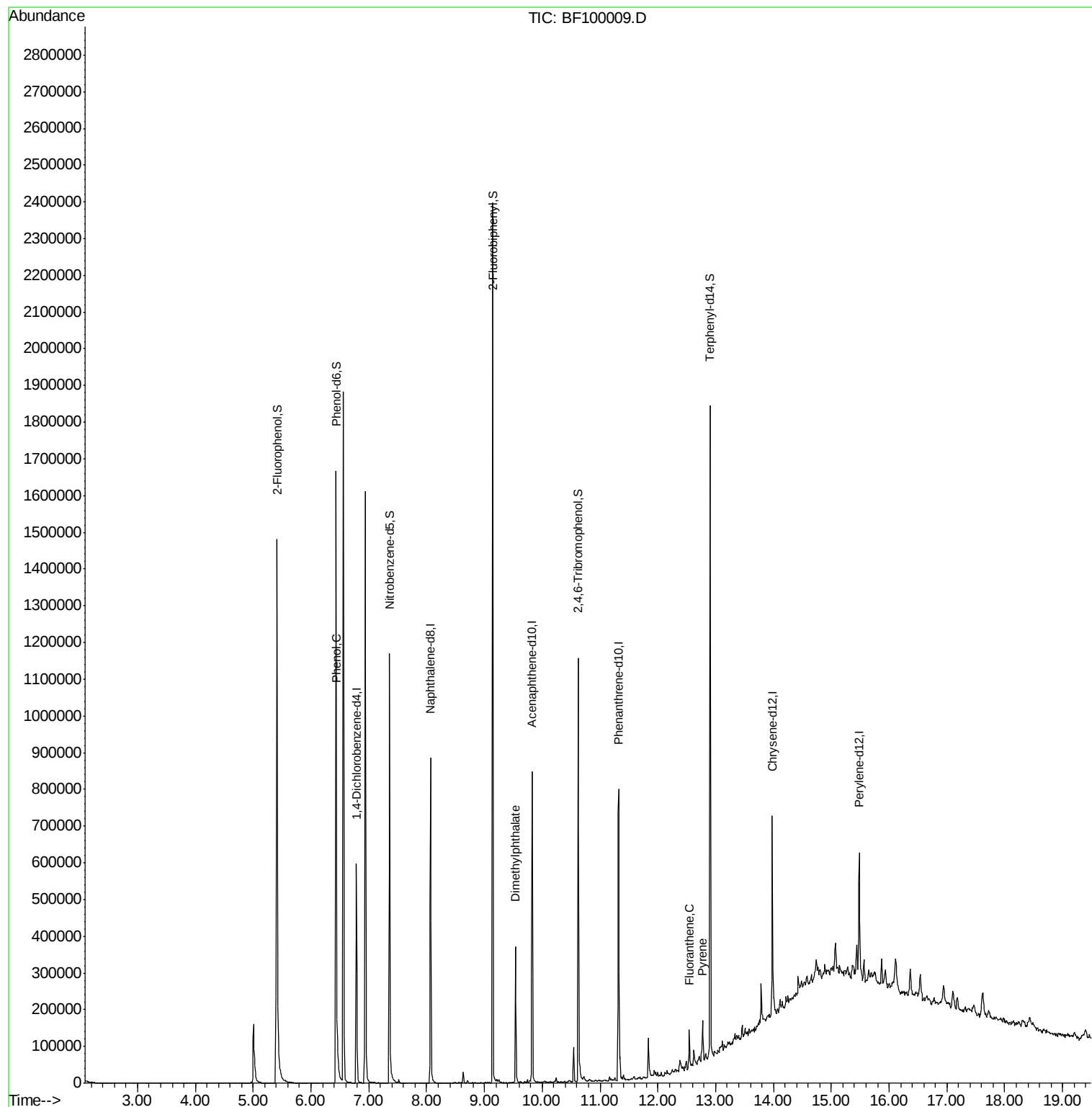
Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100009.D
Acq On : 31 Oct 2017 17:59
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#1

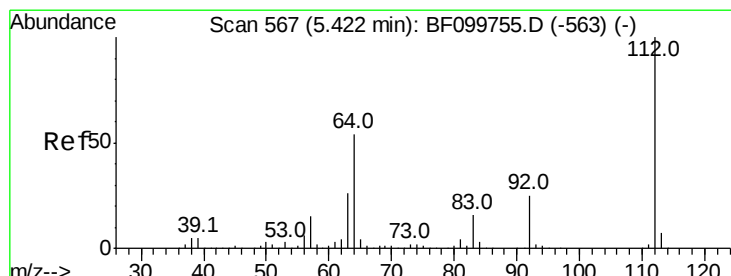
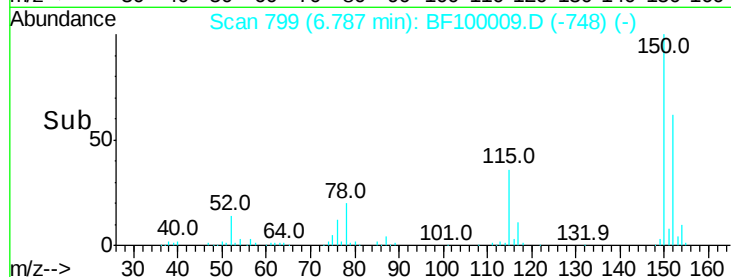
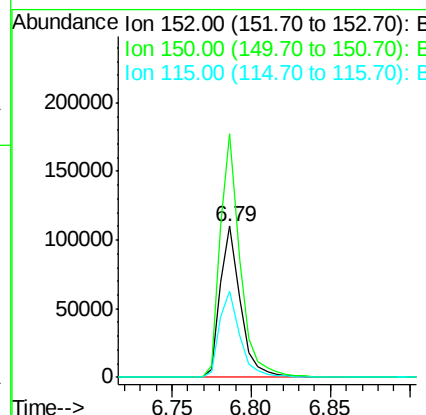
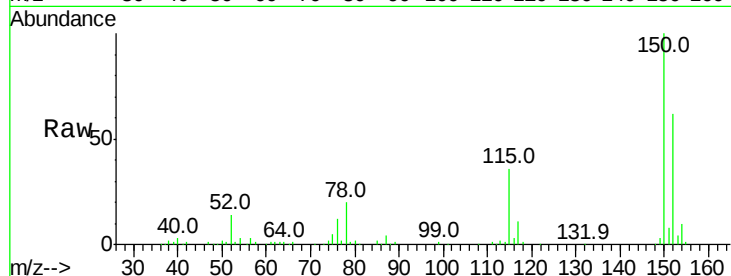
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF100009.D
 Acq: 31 Oct 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-002-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	57.2	50.1	75.1

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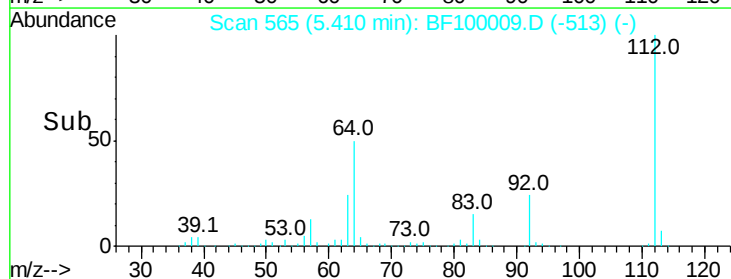
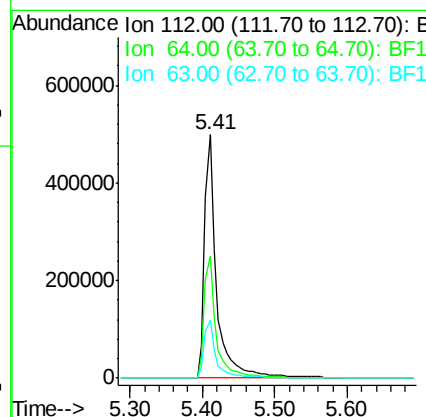
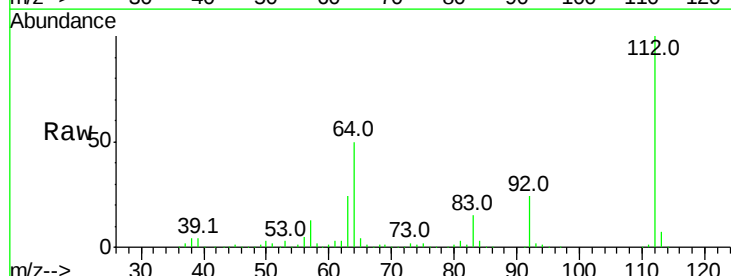
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#5

2-Fluorophenol
 Concen: 94.220 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF100009.D
 Acq: 31 Oct 2017 17:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.2	47.9	71.9
63	23.6	23.7	35.5#





#7

Phenol-d6

Concen: 96.059 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100009.D

Acq: 31 Oct 2017 17:59

Instrument :

BNA_F

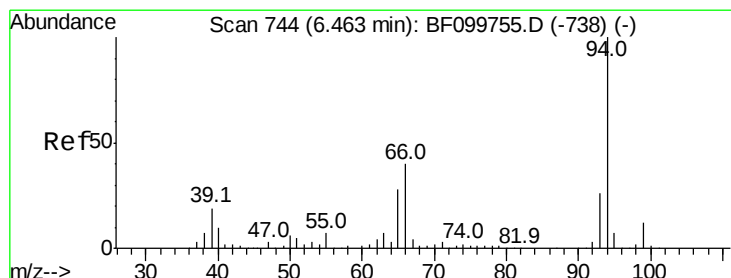
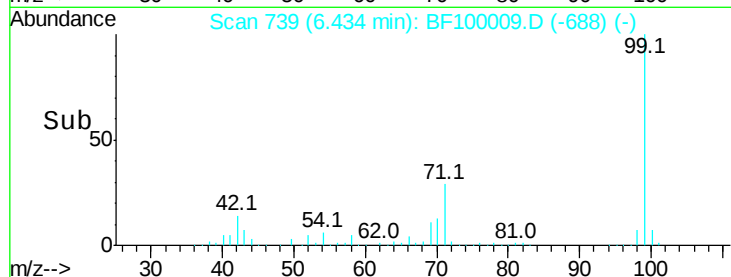
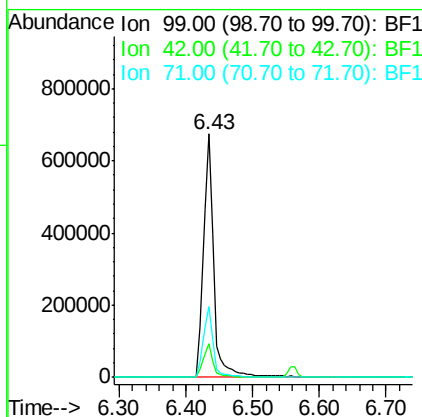
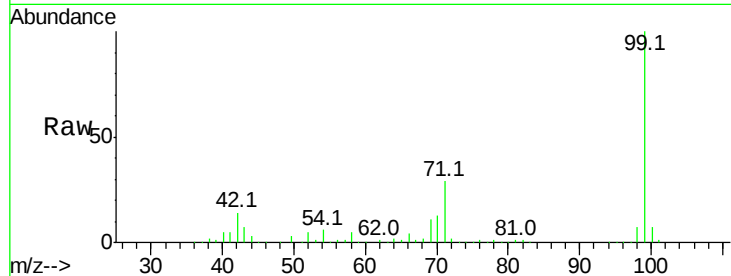
ClientSampleId :

FK-SF-02-002-B

Tot Ion:	99	Resp:	708903
Ion Ratio	Lower	Upper	
99	100		
42	13.7	14.5	21.7#
71	29.1	25.4	38.0

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#10

Phenol

Concen: 4.594 ng

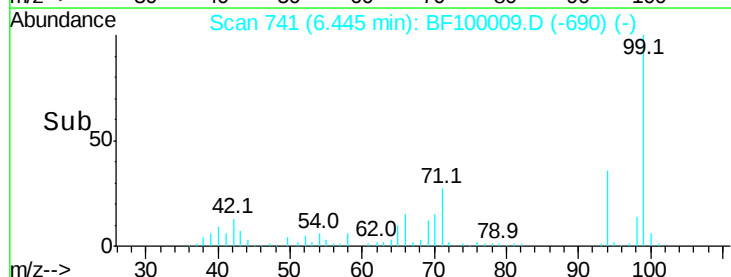
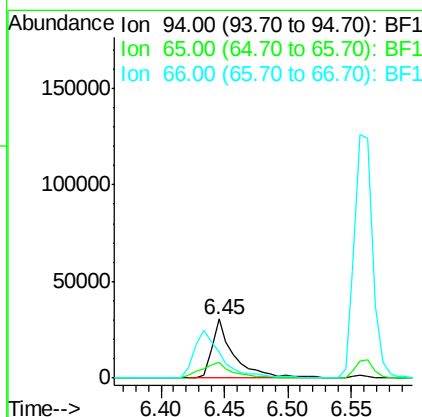
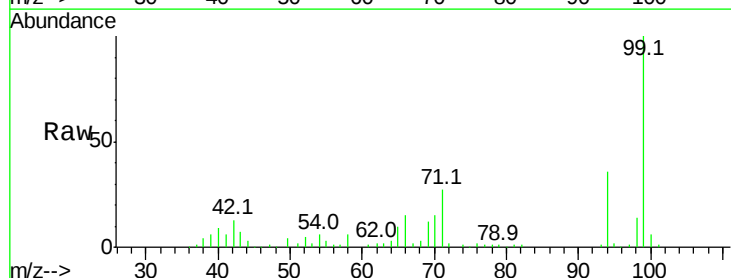
RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF100009.D

Acq: 31 Oct 2017 17:59

Tgt Ion:	94	Resp:	37221
Ion Ratio	Lower	Upper	
94	100		
65	27.3	7.9	47.9
66	43.4	16.2	56.2





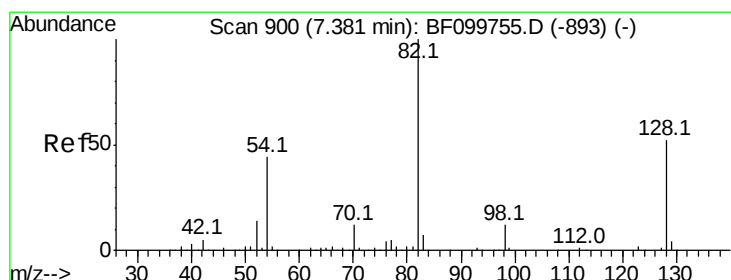
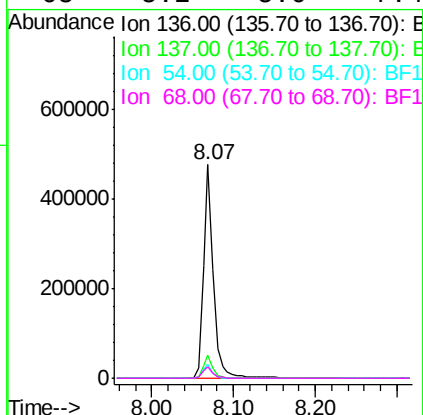
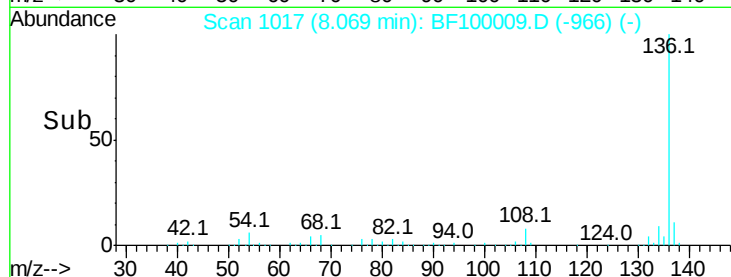
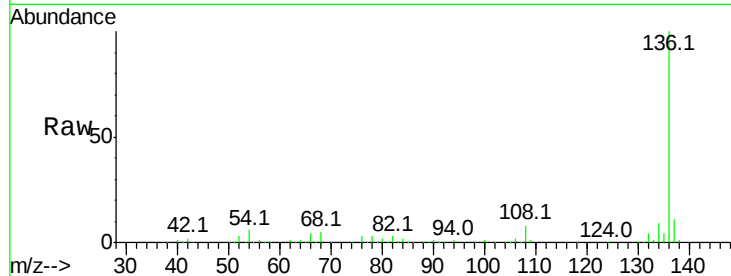
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100009.D
Acq: 31 Oct 2017 17:59

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-002-B

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	6.4	6.6	9.8	
68	5.2	5.0	7.4	

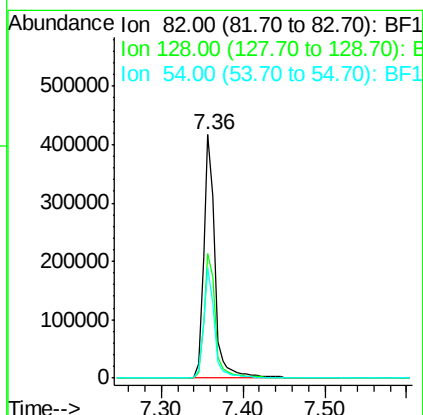
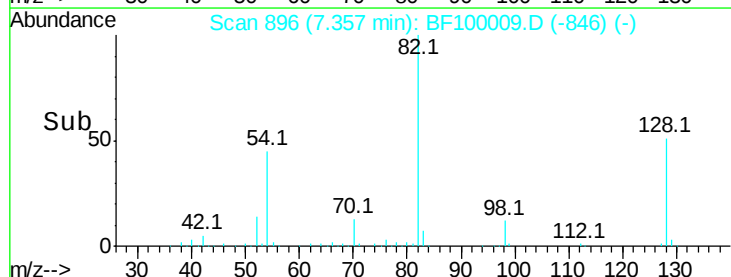
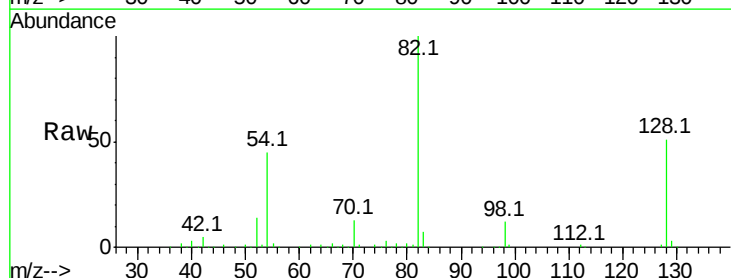
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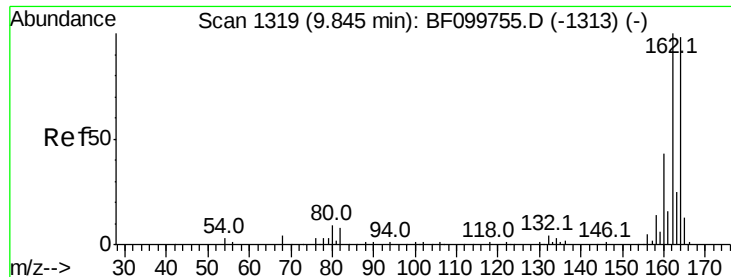
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#23
Nitrobenzene-d5
Concen: 64.230 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100009.D
Acq: 31 Oct 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	51.1	36.1	54.1	
54	45.3	41.4	62.2	





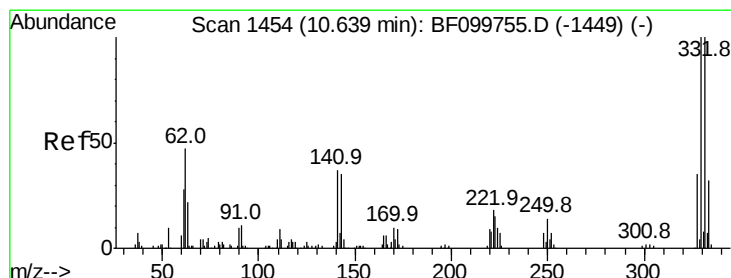
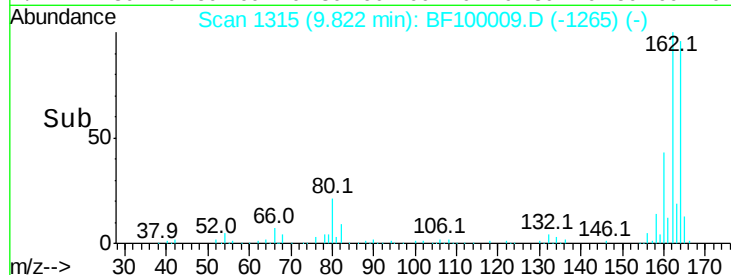
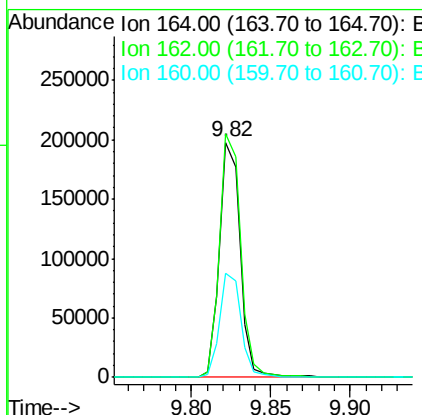
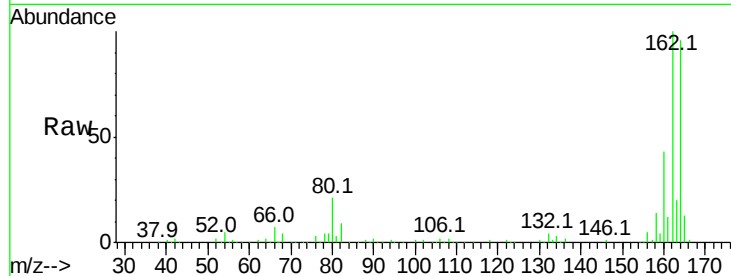
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100009.D
Acq: 31 Oct 2017 17:59

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-002-B

Tot Ion	Ratio	Resp	Lower	Upper
164	100	180093		
162	103.7	86.1	129.1	
160	44.4	38.3	57.5	

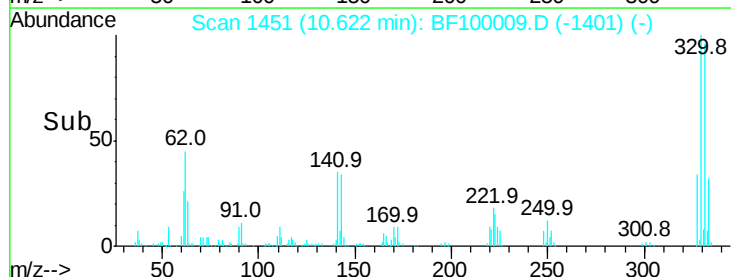
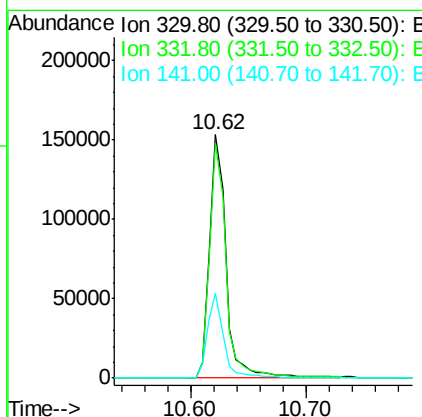
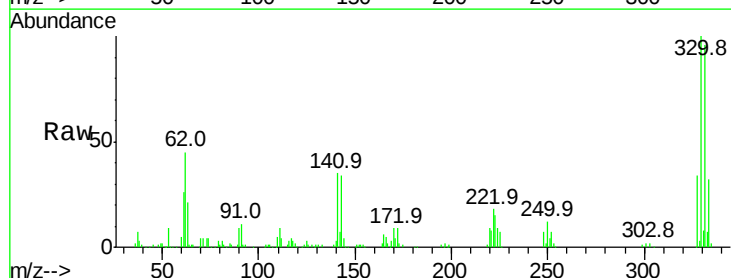
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#41
2,4,6-Tribromophenol
Concen: 93.459 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF100009.D
Acq: 31 Oct 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	153387		
332	96.8	77.0	115.6	
141	34.0	29.9	44.9	





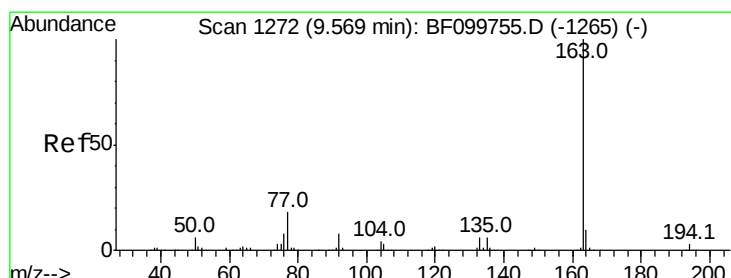
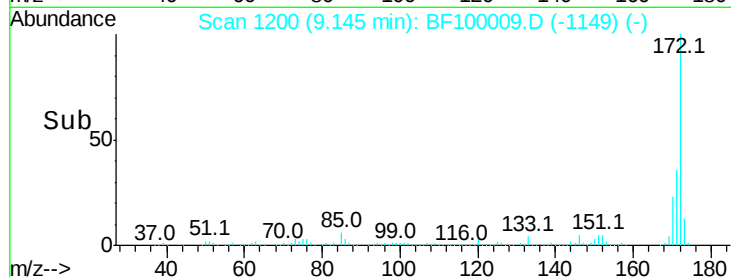
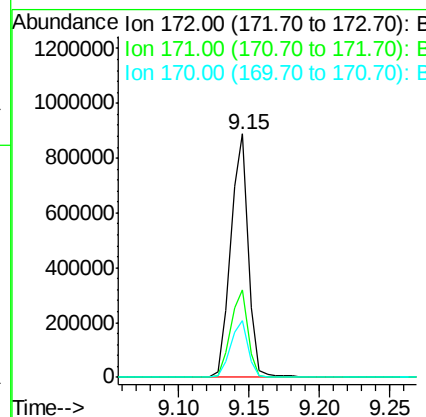
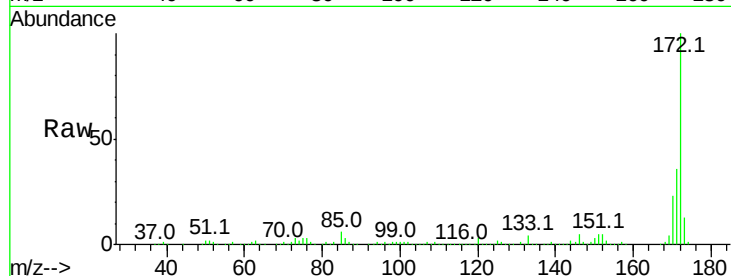
#44
2-Fluorobiphenyl
Concen: 65.727 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF100009.D
Acq: 31 Oct 2017 17:59

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-002-B

Tot Ion	Ratio	Resp	Lower	Upper
172	100	767215		
171	36.1		29.7	44.5
170	23.4		19.6	29.4

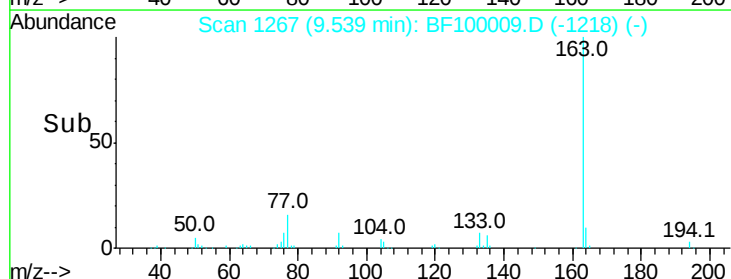
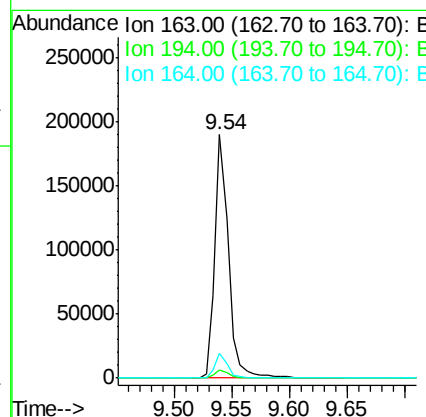
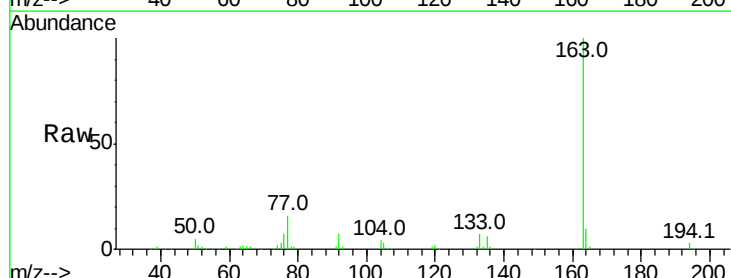
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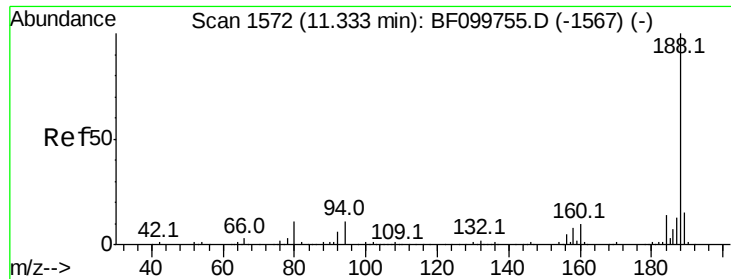
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#49
Dimethylphthalate
Concen: 11.005 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF100009.D
Acq: 31 Oct 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	156951		
194	3.4		2.7	4.1
164	10.0		8.2	12.2





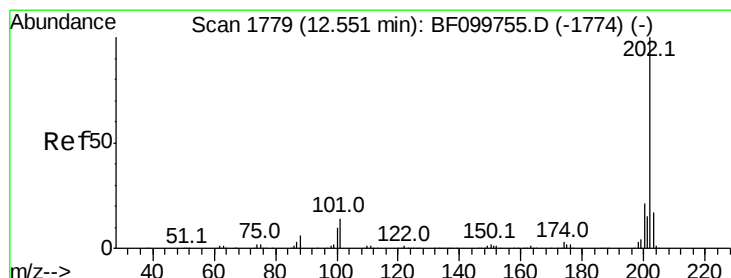
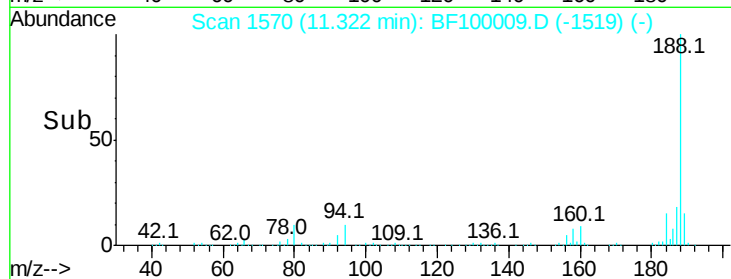
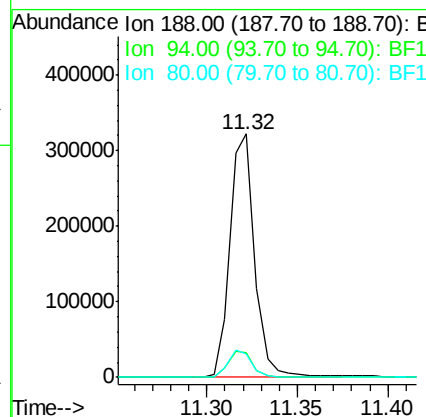
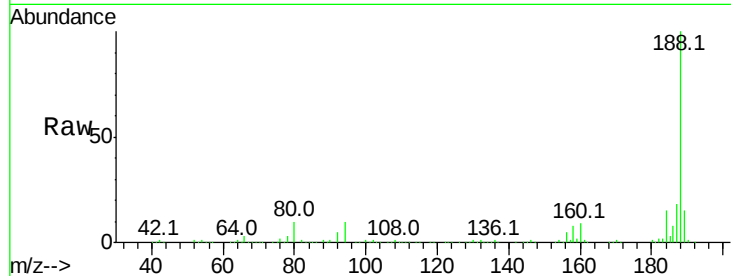
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100009.D
Acq: 31 Oct 2017 17:59

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-002-B

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.0	8.5	12.7
80	9.9	9.2	13.8

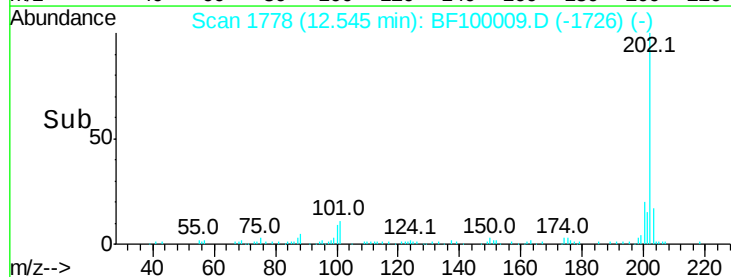
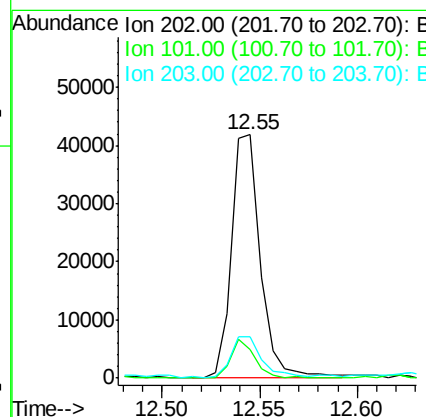
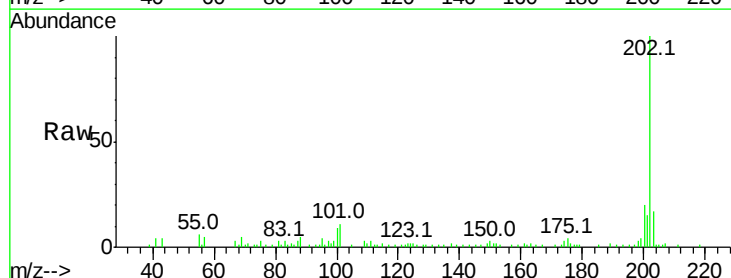
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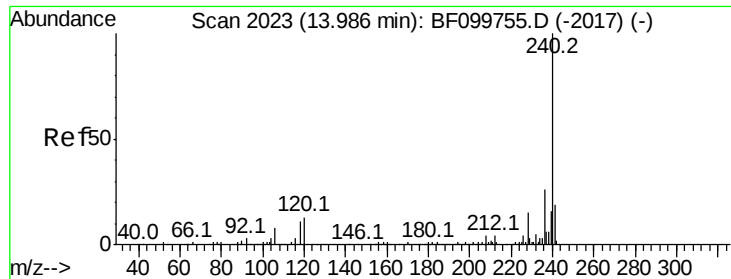
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#74
Fluoranthene
Concen: 2.407 ng
RT: 12.55 min Scan# 1778
Delta R.T. 0.01 min
Lab File: BF100009.D
Acq: 31 Oct 2017 17:59

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	0.0	34.1
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF100009.D

Acq: 31 Oct 2017 17:59

Instrument :

BNA_F

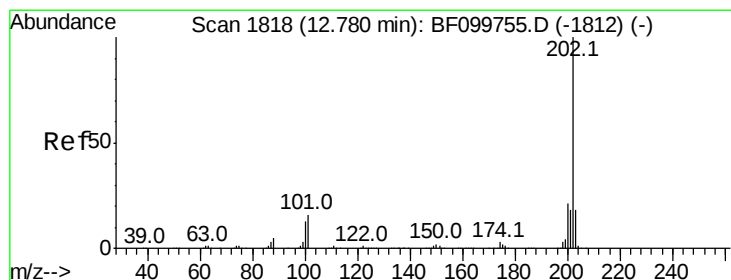
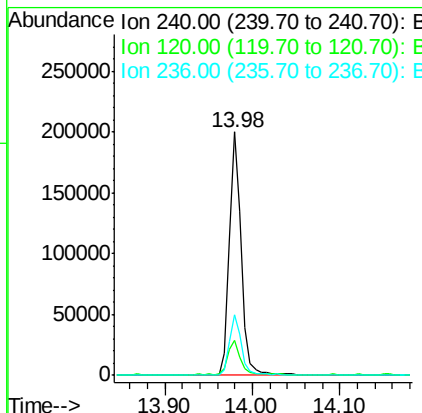
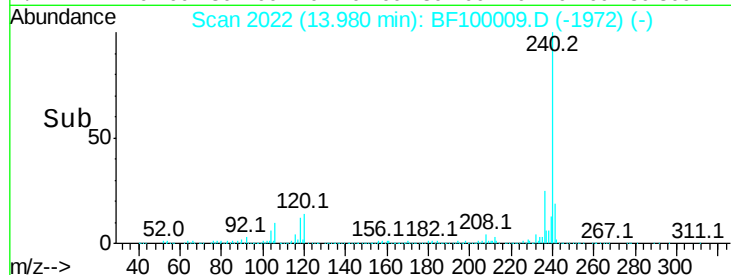
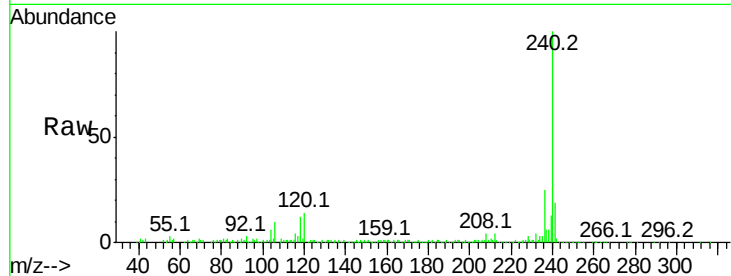
ClientSampleId :

FK-SF-02-002-B

Tot Ion:	240	Resp:	190509
Ion Ratio	Lower	Upper	
240	100		
120	14.2	9.5	14.3
236	25.1	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 2.893 ng

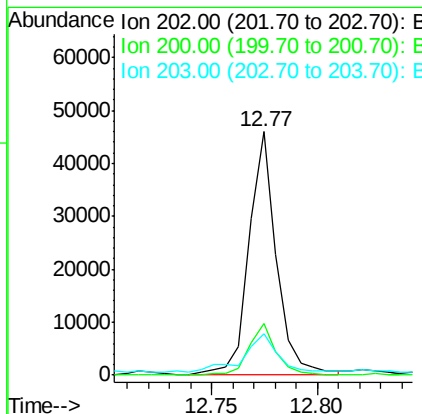
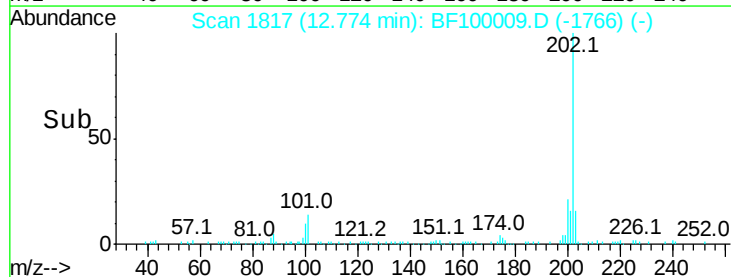
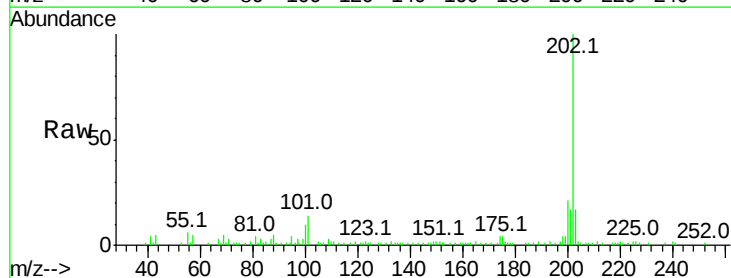
RT: 12.77 min Scan# 1817

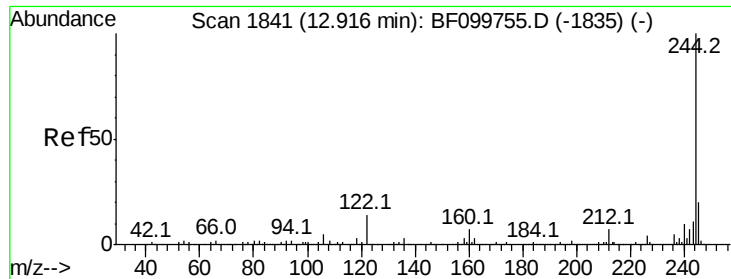
Delta R.T. 0.00 min

Lab File: BF100009.D

Acq: 31 Oct 2017 17:59

Tgt Ion:	202	Resp:	41906
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	17.2	14.3	21.5





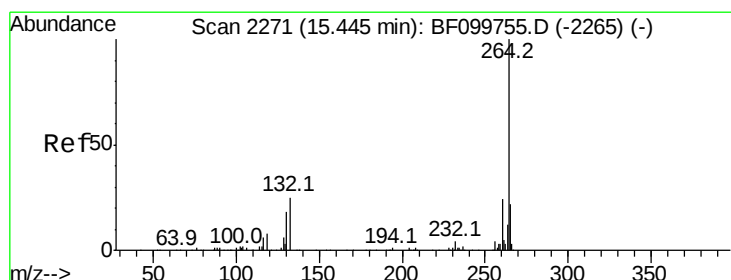
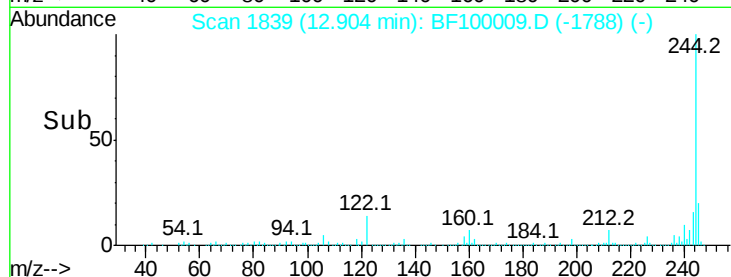
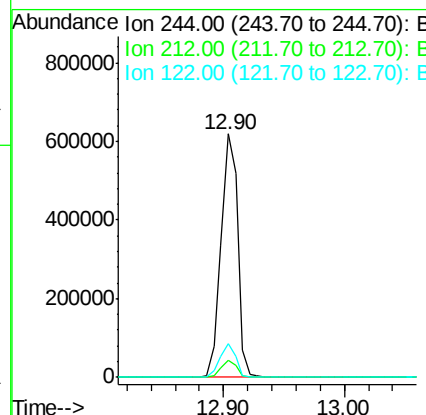
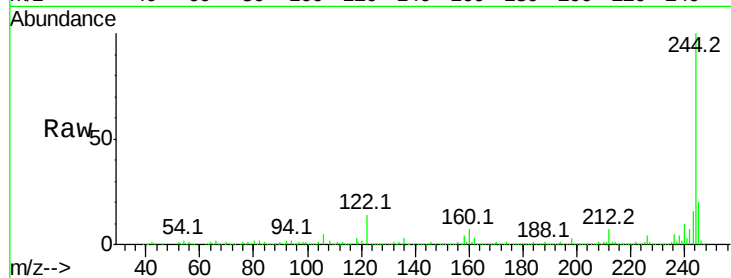
#78
 Terphenyl-d14
 Concen: 66.834 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BF100009.D
 Acq: 31 Oct 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-002-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.1	11.0	16.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.01 min
 Lab File: BF100009.D
 Acq: 31 Oct 2017 17:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.6	17.5	26.3

