

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098747.D
 Acq On : 23 Sep 2017 19:04
 Operator : SJ/JU
 Sample : I5340-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-009

Manual Integrations
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Quant Time: Sep 25 07:13:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	150224	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	611243	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	252191	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	367369	20.00	ng	0.00
75) Chrysene-d12	14.08	240	237060	20.00	ng	0.00
86) Perylene-d12	15.57	264	245474	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1098023	116.36	ng	0.00
7) Phenol-d6	6.55	99	1334156	114.61	ng	0.00
23) Nitrobenzene-d5	7.48	82	824505	86.51	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	211017	102.26	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1302240	86.20	ng	0.00
78) Terphenyl-d14	13.03	244	806596	77.38	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.67	163	222665	11.698	ng	99
70) Phenanthrene	11.47	178	41295	2.100	ng	96
74) Fluoranthene	12.65	202	75284	3.781	ng	98
77) Pyrene	12.89	202	72903	4.033	ng	98
80) Benzo(a)anthracene	14.07	228	29158	2.031	ng	93
82) Chrysene	14.10	228	32363	2.368	ng	98
87) Benzo(b)fluoranthene	15.13	252	40422m	2.678	ng	
89) Benzo(a)pyrene	15.50	252	30172	2.178	ng	98

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

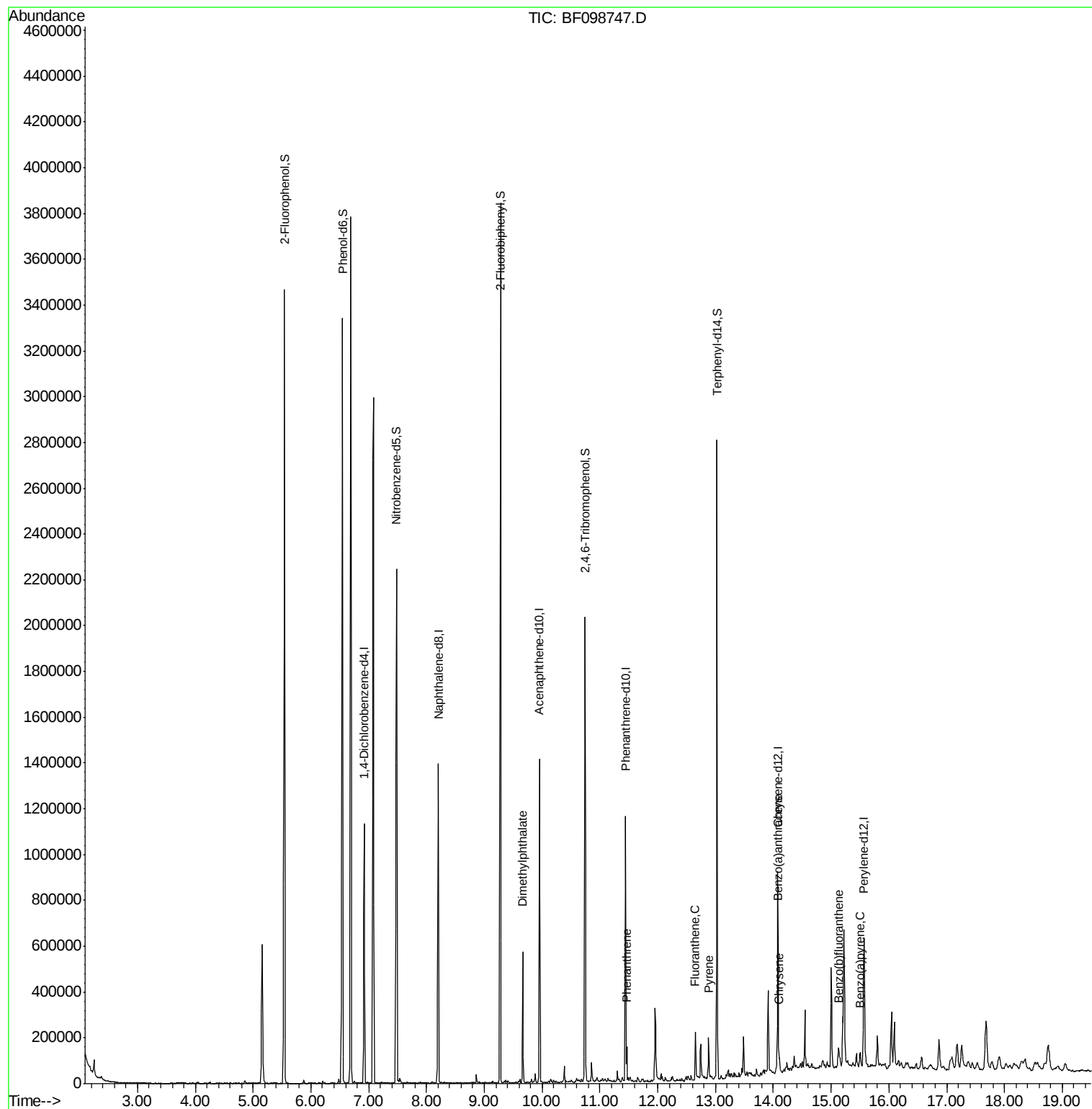
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
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Acq On : 23 Sep 2017 19:04
Operator : SJ/JU
Sample : I5340-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

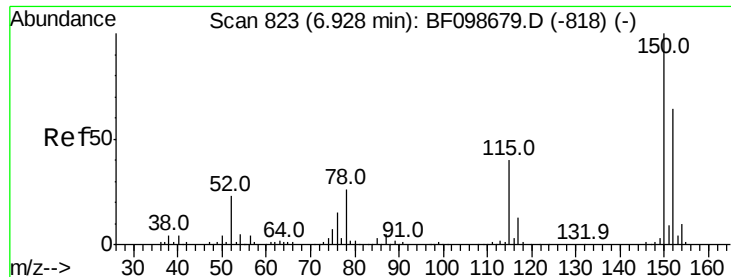
Instrument :
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ClientSampleId :
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Quant Time: Sep 25 07:13:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

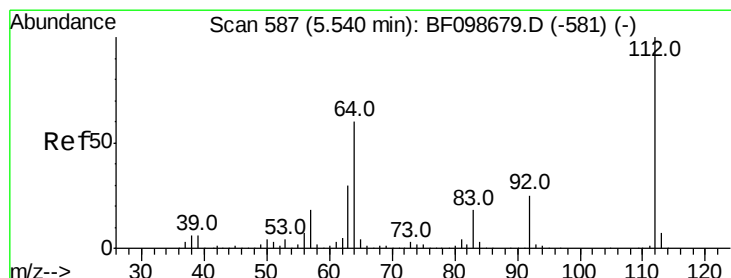
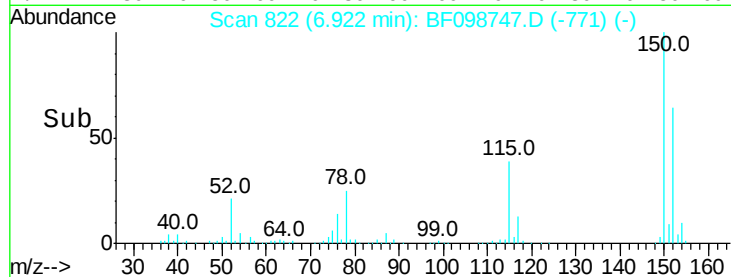
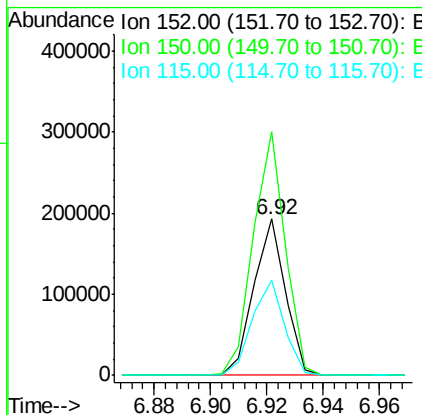
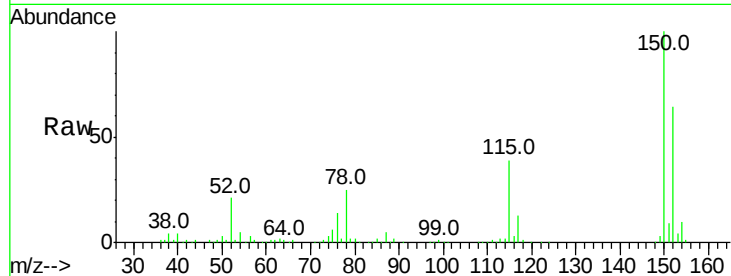
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Instrument :
BNA_F
ClientSampleId :
LT-TS-009

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	60.9	50.1	75.1

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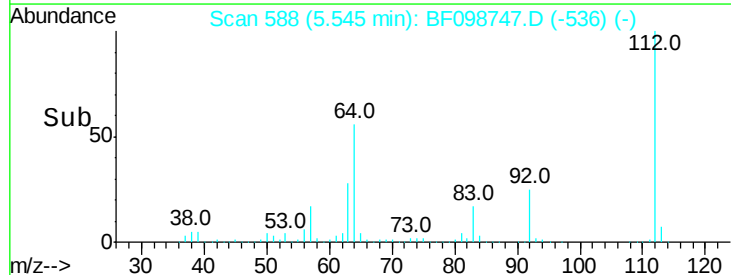
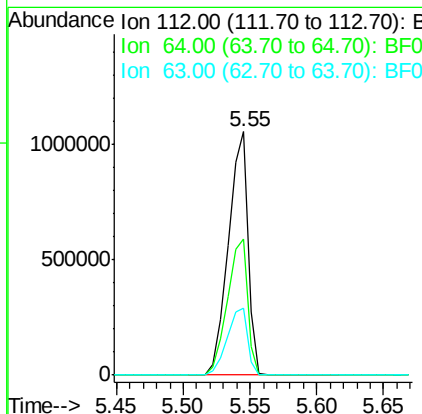
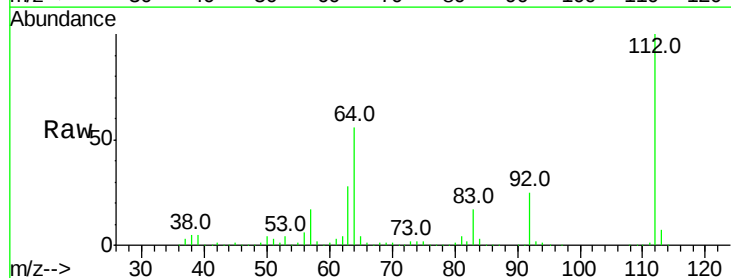
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#5

2-Fluorophenol
Concen: 116.356 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.9	71.9
63	27.5	23.7	35.5





#7

Phenol-d6

Concen: 114.605 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

Instrument :

BNA_F

ClientSampleId :

LT-TS-009

Tot Ion: 99 Resp: 1334156

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

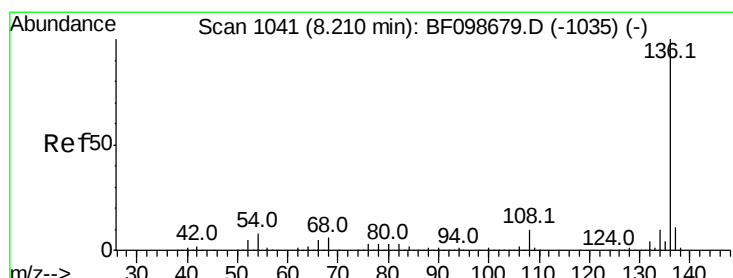
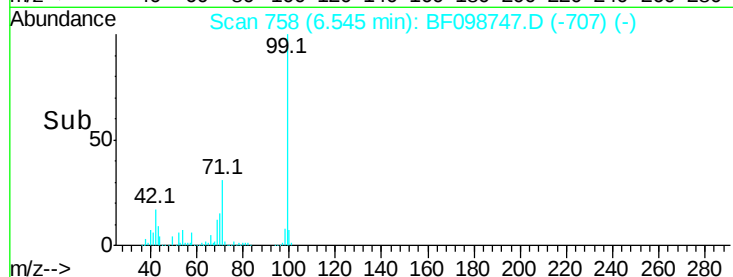
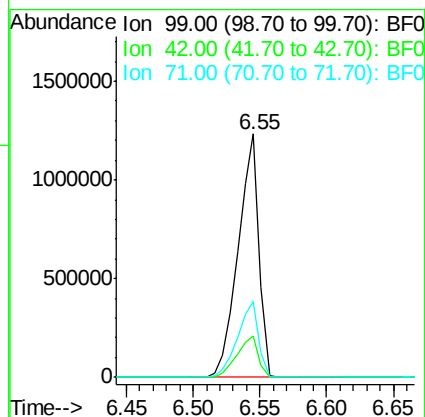
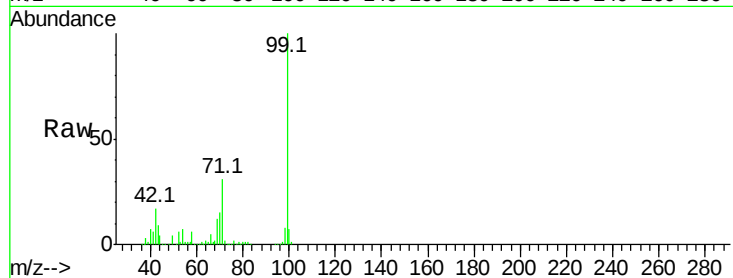
71 31.4 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

Tgt Ion: 136 Resp: 611243

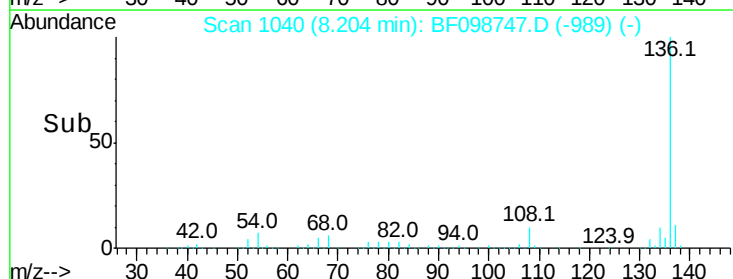
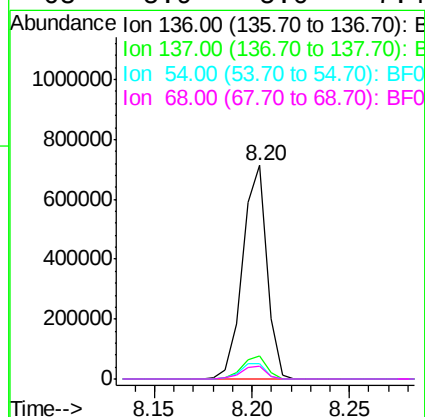
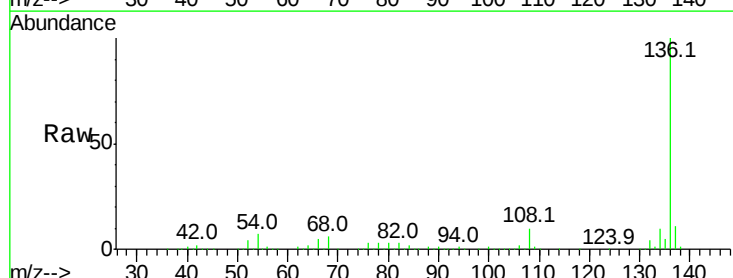
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.2 6.6 9.8

68 5.9 5.0 7.4





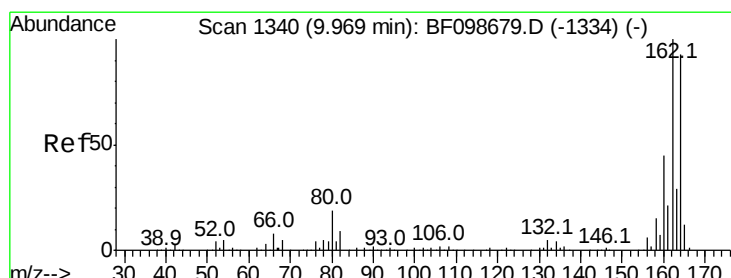
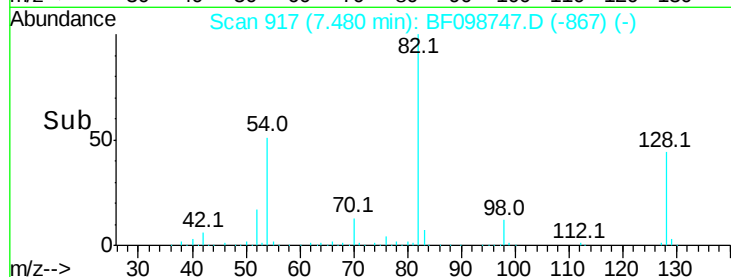
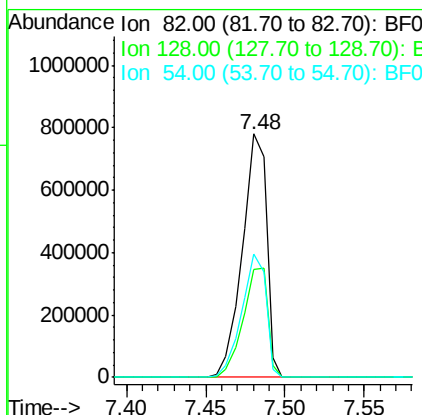
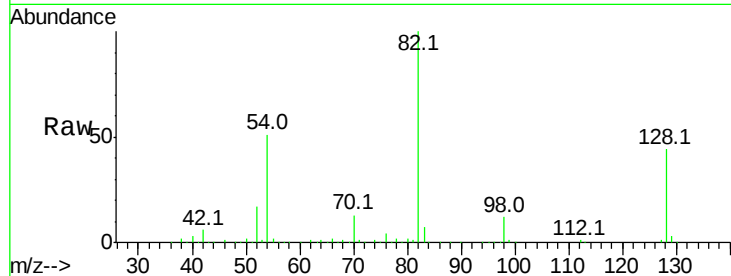
#23
 Nitrobenzene-d5
 Concen: 86.505 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098747.D
 Acq: 23 Sep 2017 19:04

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-009

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	50.7	41.4	62.2

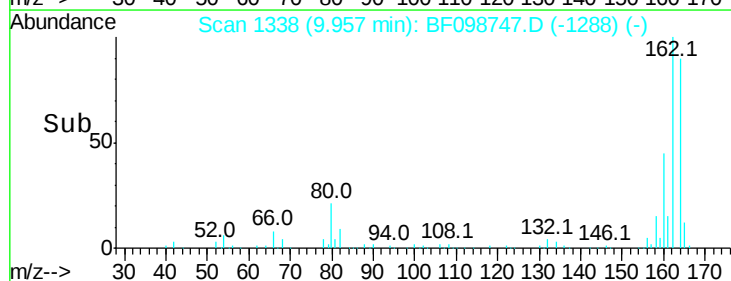
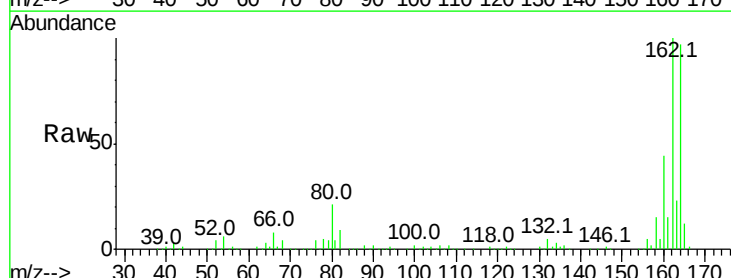
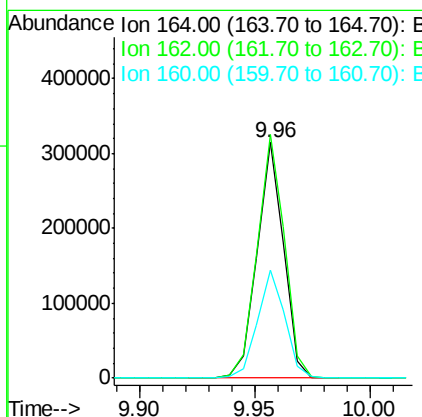
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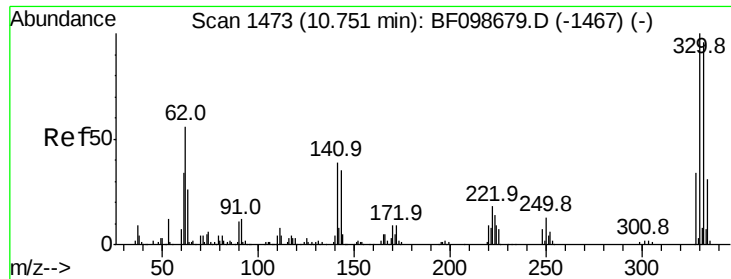
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098747.D
 Acq: 23 Sep 2017 19:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	45.9	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 102.256 ng

RT: 10.74 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

Instrument :

BNA_F

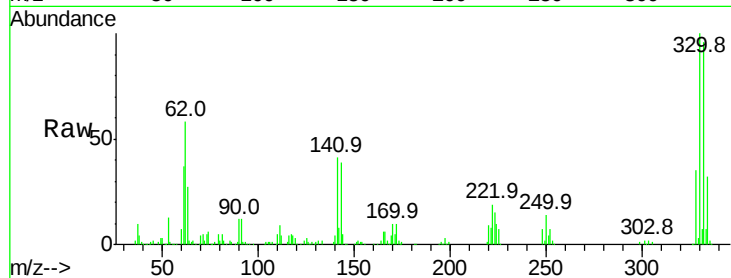
ClientSampleId :

LT-TS-009

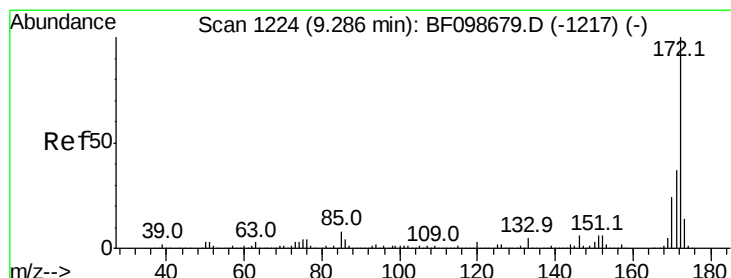
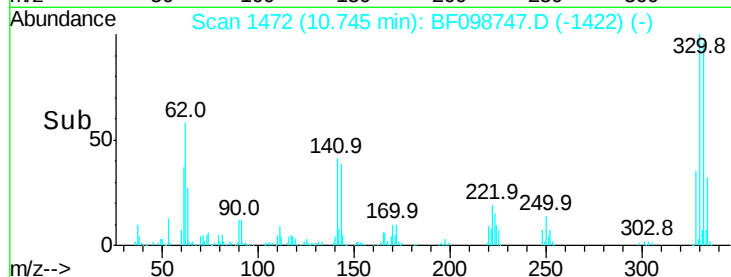
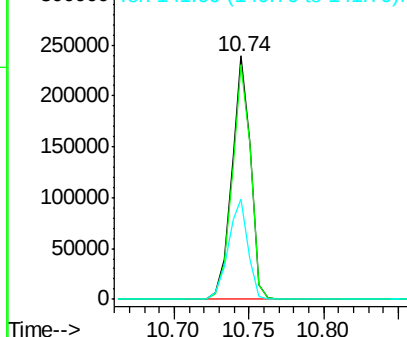
Tot Ion:	330	Resp:	211017
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.0	115.6
141	43.5	29.9	44.9

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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: 86.204 ng

RT: 9.28 min Scan# 1223

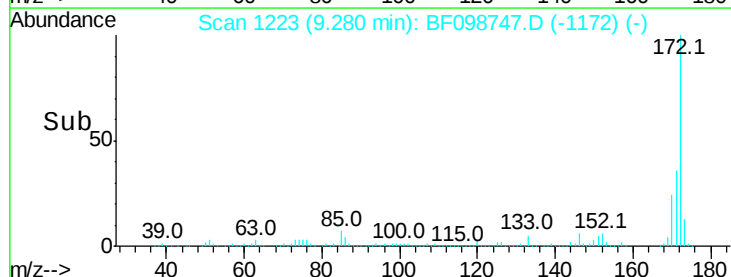
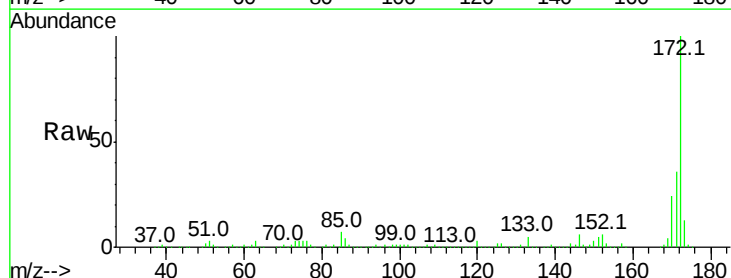
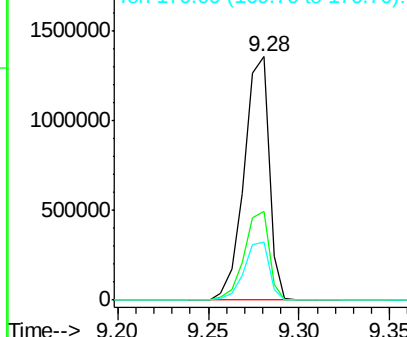
Delta R.T. -0.00 min

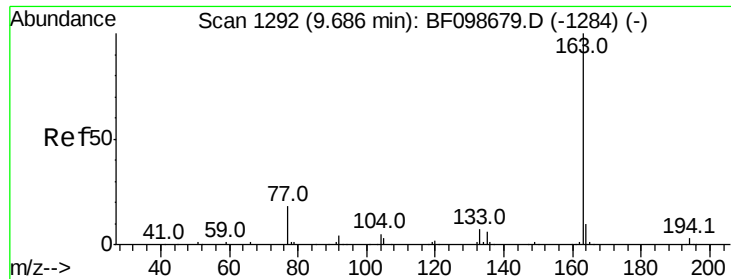
Lab File: BF098747.D

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Tgt Ion:	172	Resp:	1302240
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.7	44.5
170	23.8	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





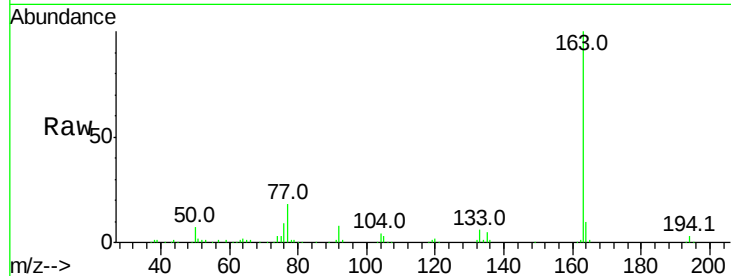
#49
 Dimethylphthalate
 Concen: 11.698 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF098747.D
 Acq: 23 Sep 2017 19:04

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-009

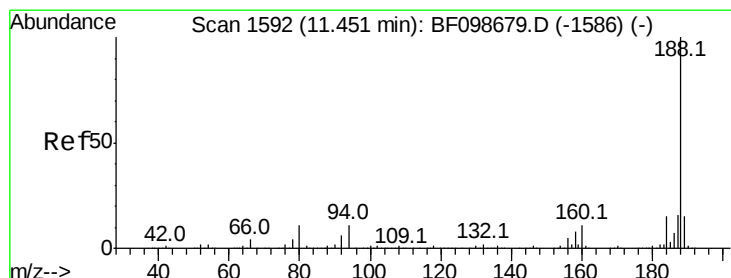
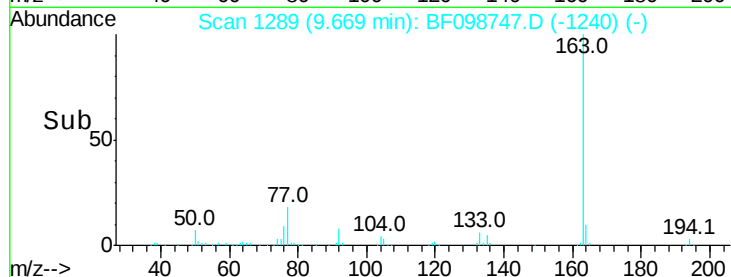
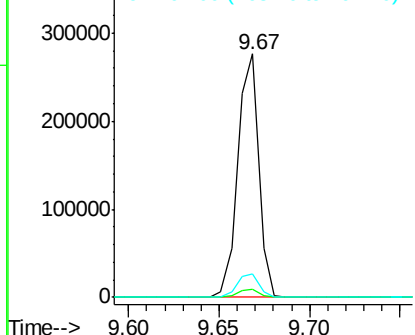
Tot Ion:	163	Resp:	222665
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.7	4.1
164	9.5	8.2	12.2

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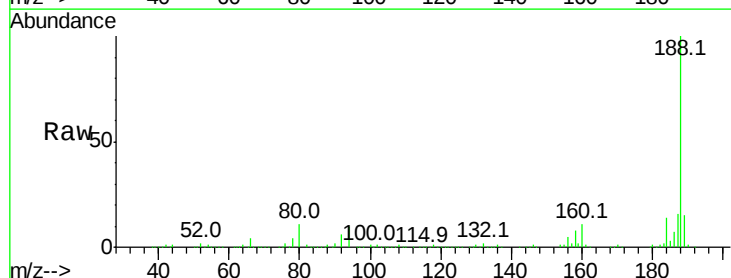


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

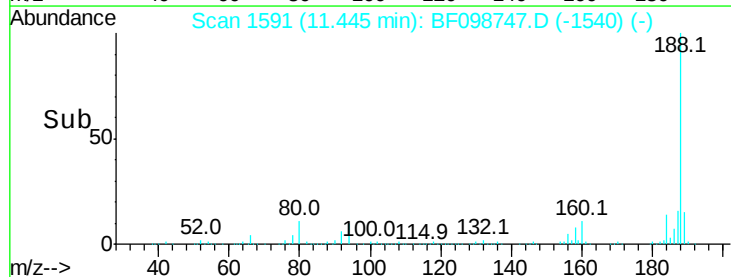
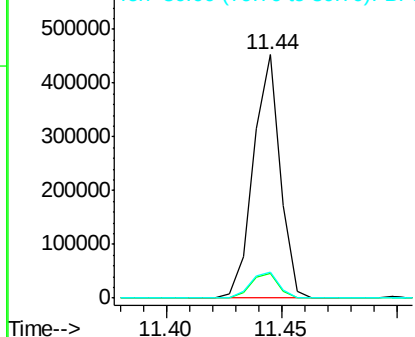


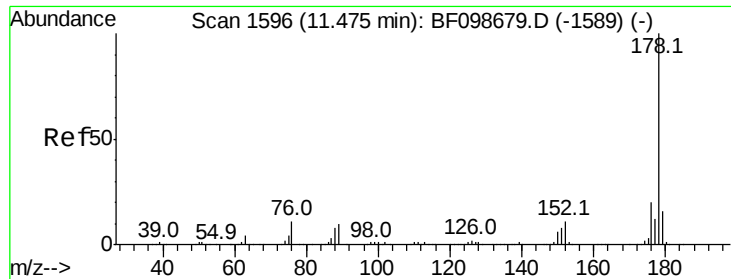
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF098747.D
 Acq: 23 Sep 2017 19:04

Tgt Ion:	188	Resp:	367369
Ion Ratio	Lower	Upper	
188	100		
94	10.0	8.5	12.7
80	10.8	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0





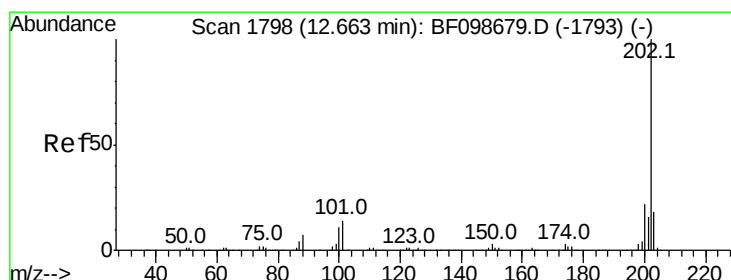
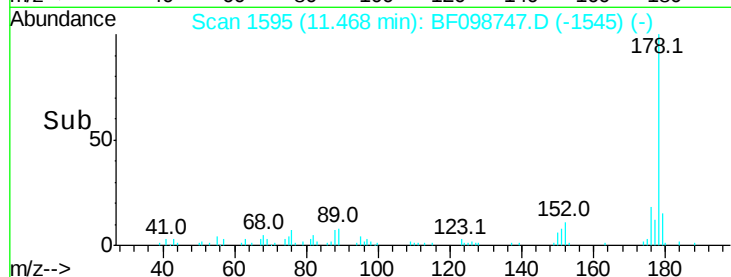
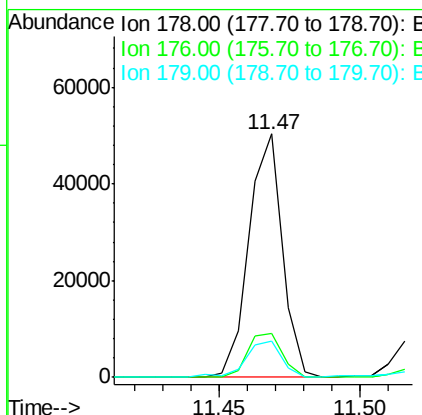
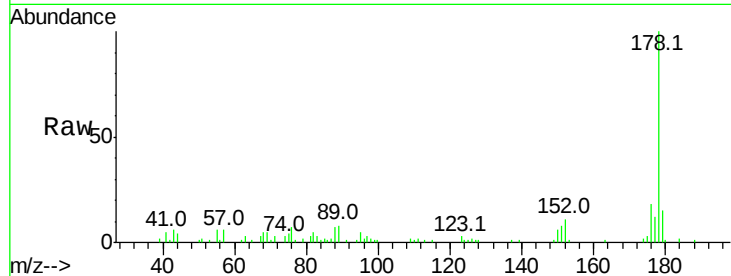
#70
Phenanthrene
Concen: 2.100 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Instrument :
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ClientSampleId :
LT-TS-009

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	14.8	13.0	19.6

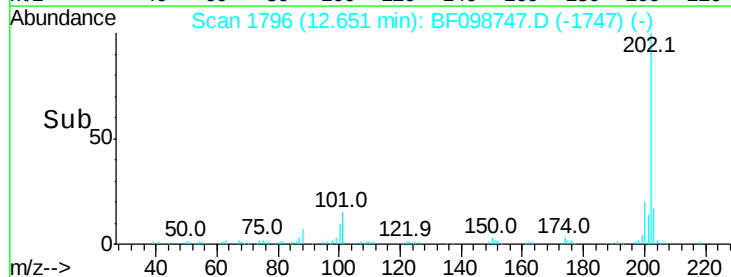
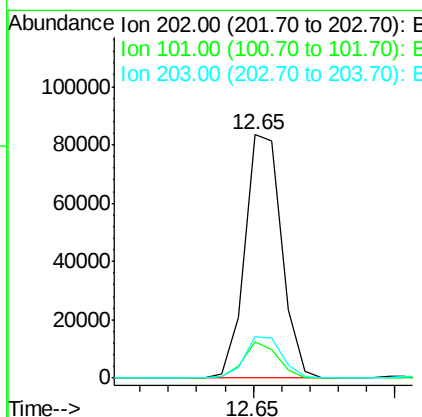
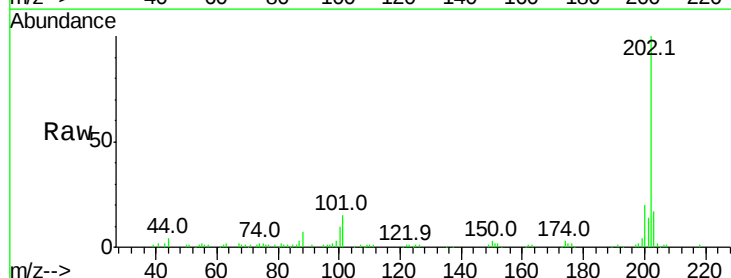
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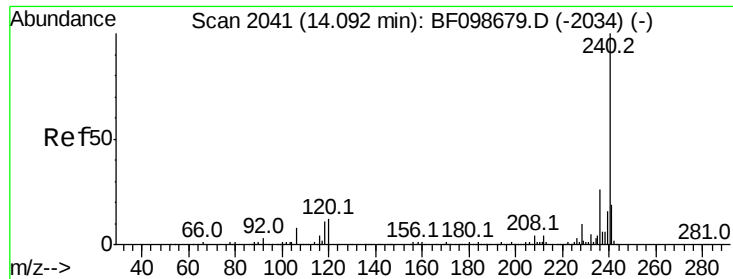
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#74
Fluoranthene
Concen: 3.781 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	34.1
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

Instrument :

BNA_F

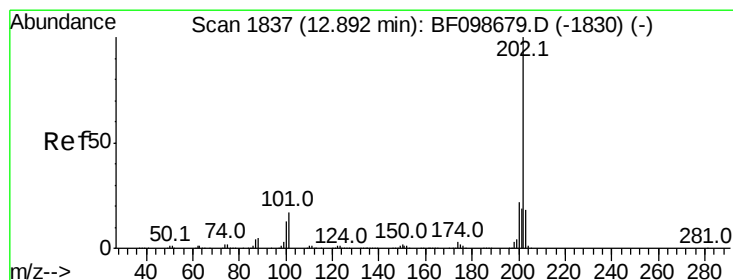
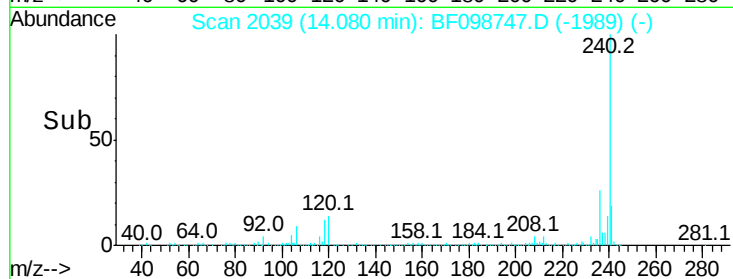
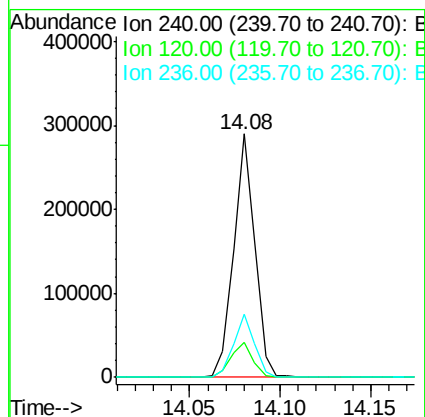
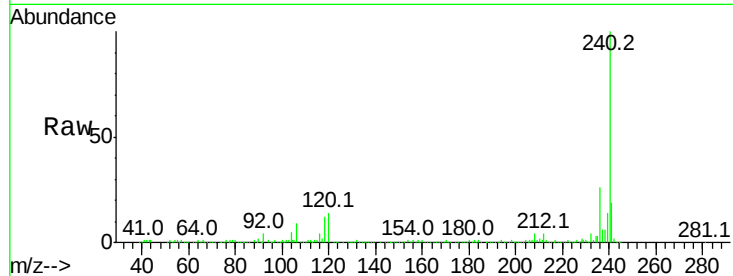
ClientSampleId :

LT-TS-009

Tot Ion:	240	Resp:	237060
Ion Ratio	Lower	Upper	
240	100		
120	14.2	9.5	14.3
236	25.7	20.7	31.1

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#77

Pyrene

Concen: 4.033 ng

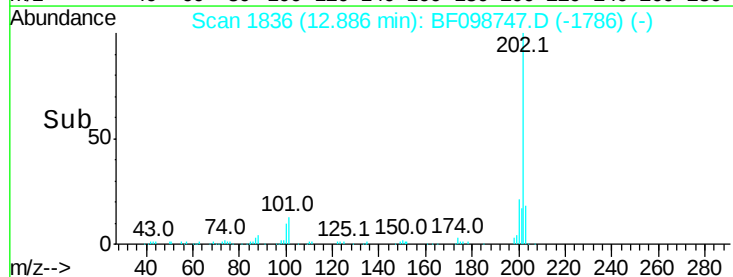
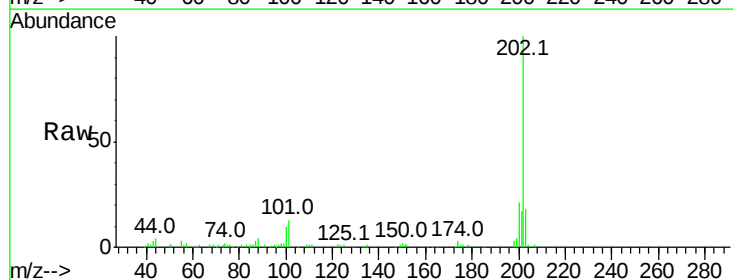
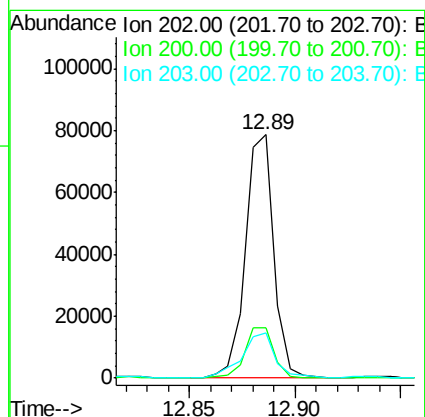
RT: 12.89 min Scan# 1836

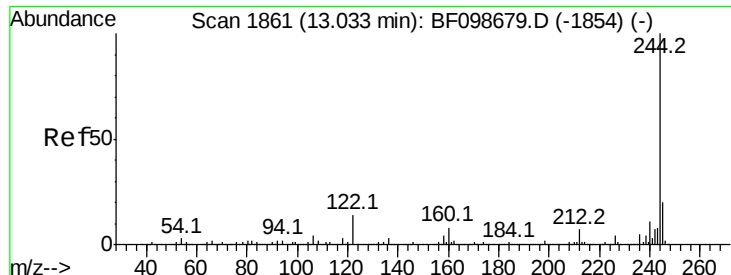
Delta R.T. -0.01 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

Tgt Ion:	202	Resp:	72903
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	18.3	14.3	21.5





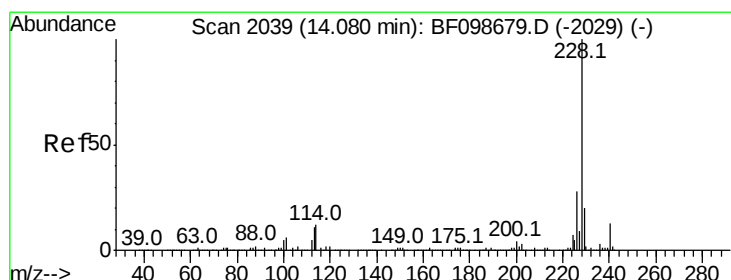
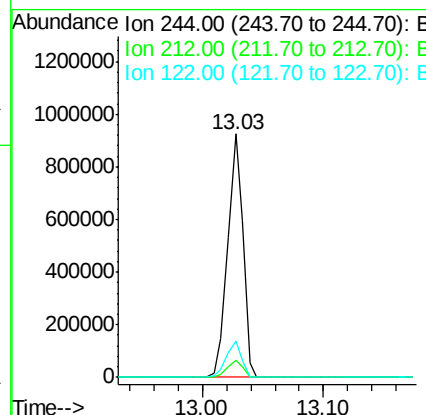
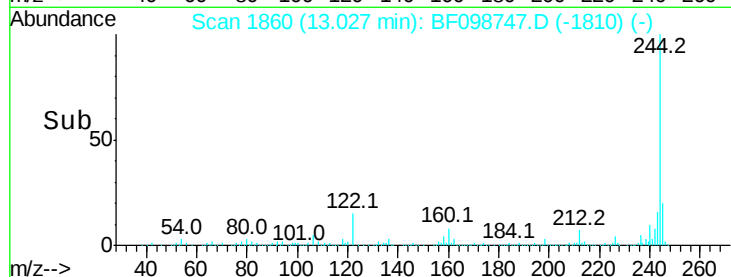
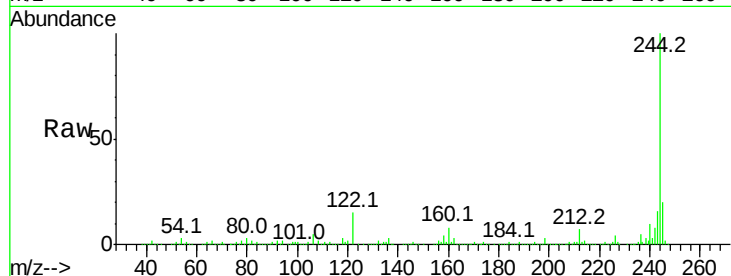
#78
 Terphenyl-d14
 Concen: 77.380 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF098747.D
 Acq: 23 Sep 2017 19:04

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-009

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	15.0	11.0	16.4

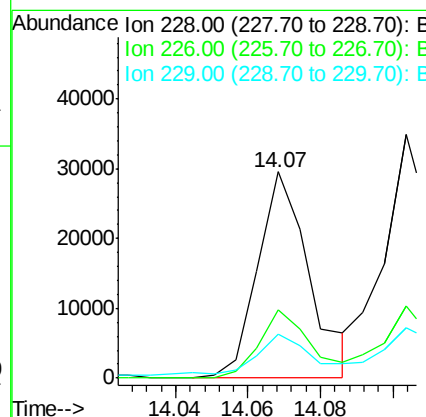
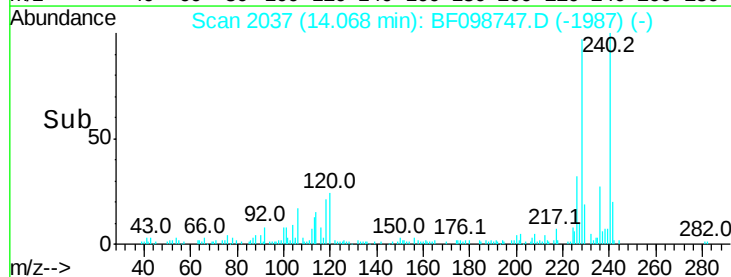
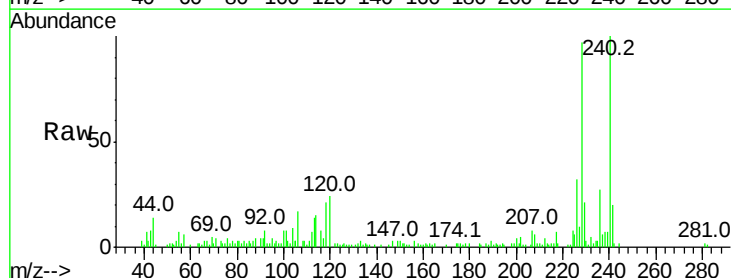
Manual Integrations
 APPROVED

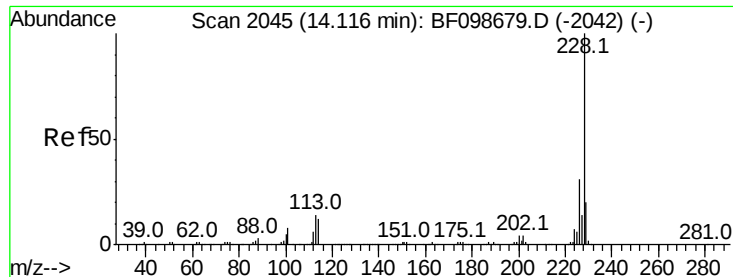
Sohil
 9/25/2017 6:26:21 PM



#80
 Benzo(a)anthracene
 Concen: 2.031 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF098747.D
 Acq: 23 Sep 2017 19:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.6	33.8
229	21.5	15.8	23.6





#82

Chrysene

Concen: 2.368 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

Instrument :

BNA_F

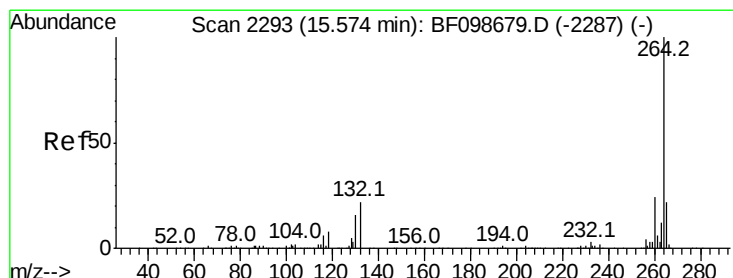
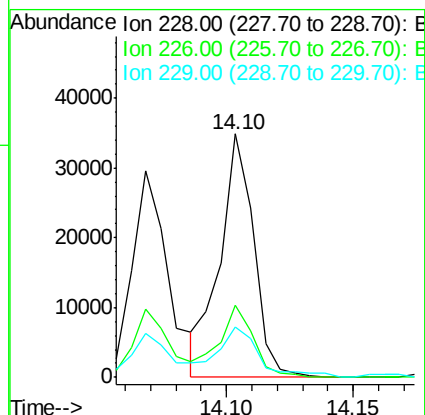
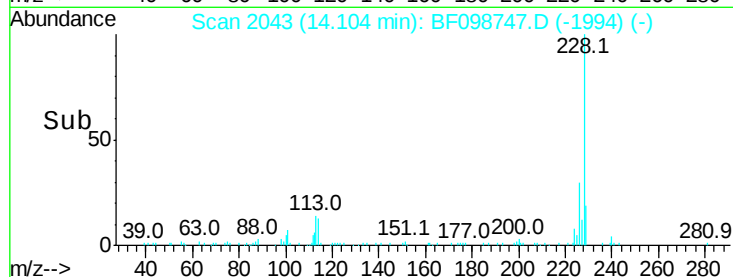
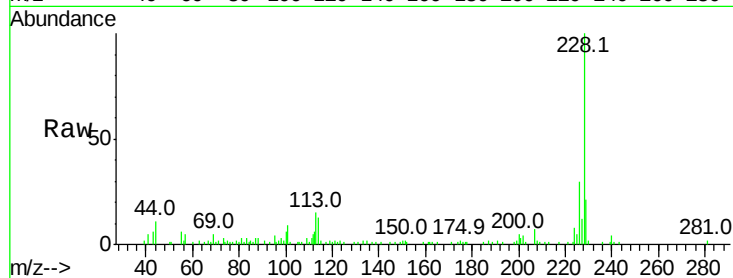
ClientSampleId :

LT-TS-009

Tot Ion:	228	Resp:	32363
Ion Ratio	Lower	Upper	
228	100		
226	29.5	25.0	37.6
229	20.9	16.2	24.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

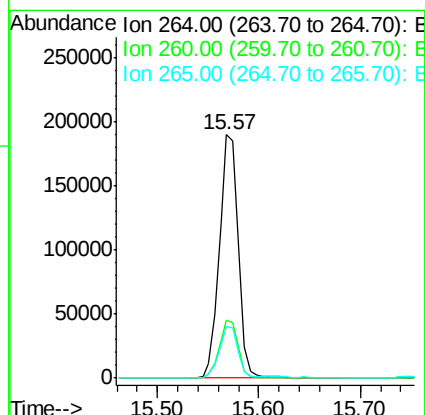
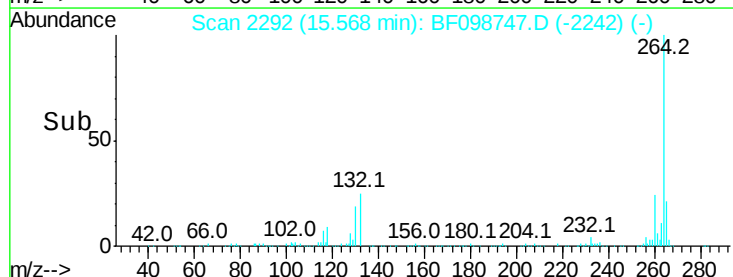
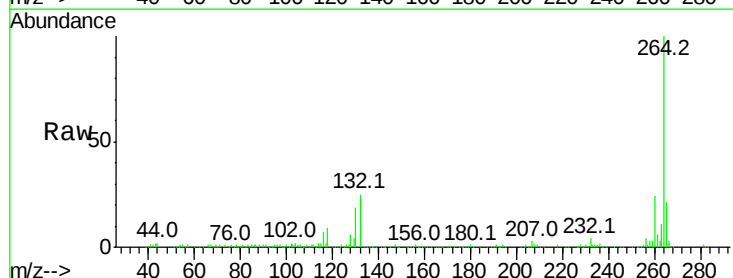
RT: 15.57 min Scan# 2292

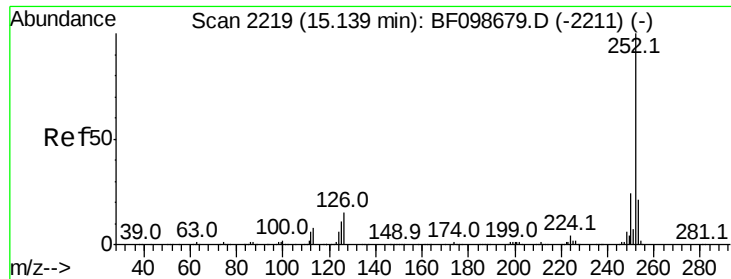
Delta R.T. -0.01 min

Lab File: BF098747.D

Acq: 23 Sep 2017 19:04

Tgt Ion:	264	Resp:	245474
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	21.3	17.5	26.3





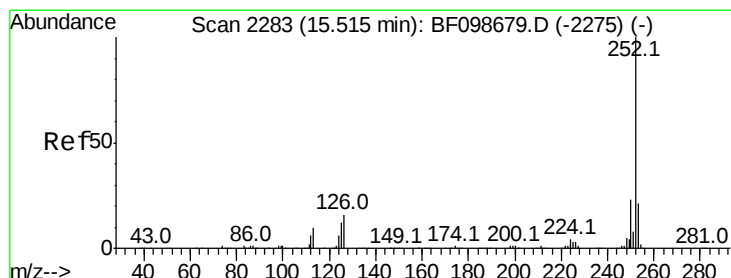
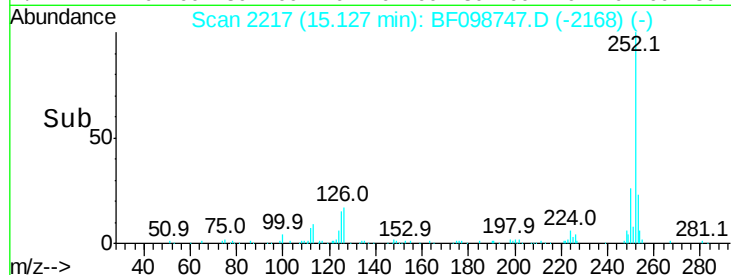
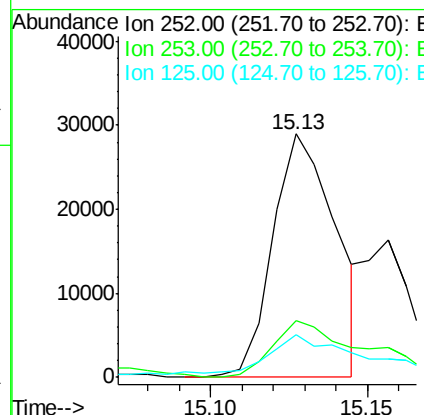
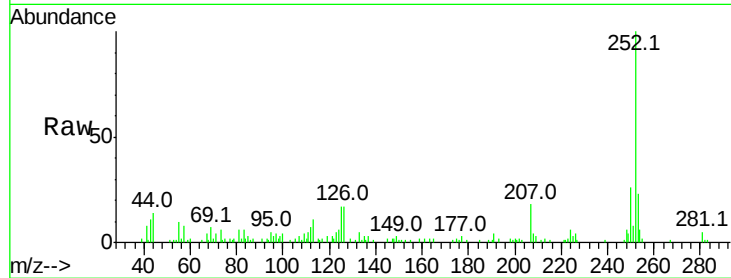
#87
Benzo(b)fluoranthene
Concen: 2.678 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Instrument :
BNA_F
ClientSampleId :
LT-TS-009

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	17.5	9.0	13.6

Manual Integrations
APPROVED

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9/25/2017 6:26:21 PM



#89
Benzo(a)pyrene
Concen: 2.178 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF098747.D
Acq: 23 Sep 2017 19:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	13.5	9.8	14.6

