

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099306.D
 Acq On : 10 Oct 2017 18:03
 Operator : SJ/JU
 Sample : I5714-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-100517

Manual Integrations
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 10/11/2017 7:23:49 PM

Quant Time: Oct 10 18:56:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	98696	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	396580	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	152694	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	225200	20.00	ng	0.00
75) Chrysene-d12	14.04	240	185245	20.00	ng	0.00
86) Perylene-d12	15.52	264	144471	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	680437	109.75	ng	0.00
7) Phenol-d6	6.50	99	818509	107.02	ng	0.00
23) Nitrobenzene-d5	7.43	82	470871	76.14	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	133879	107.15	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	837574	91.57	ng	0.00
78) Terphenyl-d14	12.98	244	561125	68.89	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	132514	11.498	ng	99
74) Fluoranthene	12.60	202	46331	3.796	ng	97
77) Pyrene	12.84	202	48338	3.422	ng	99
80) Benzo(a)anthracene	14.03	228	23910	2.132	ng	# 89
82) Chrysene	14.06	228	28452	2.664	ng	# 95
87) Benzo(b)fluoranthene	15.08	252	32302m	3.637	ng	#
89) Benzo(a)pyrene	15.45	252	19549	2.398	ng	# 73

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

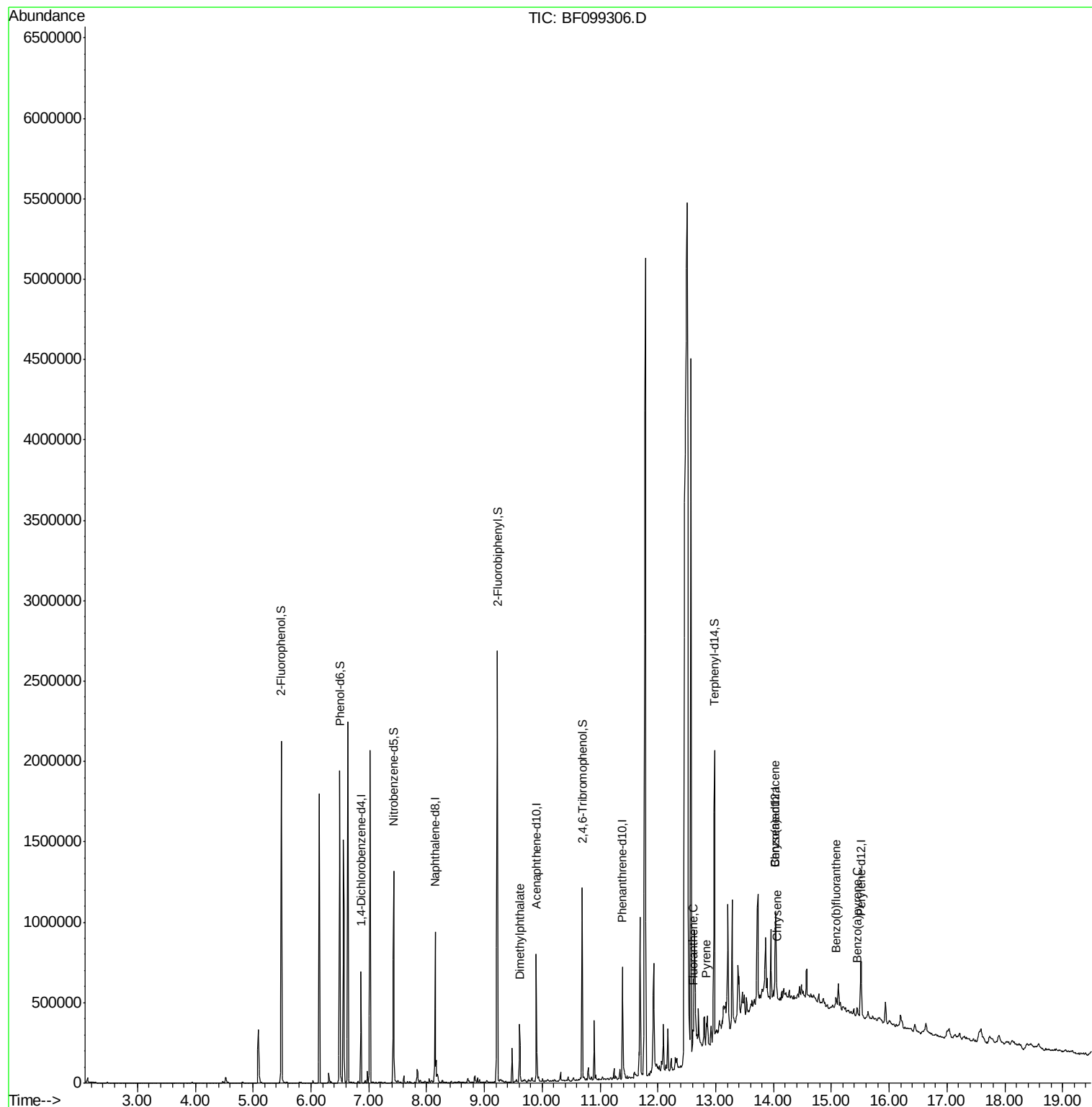
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099306.D
Acq On : 10 Oct 2017 18:03
Operator : SJ/JU
Sample : I5714-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

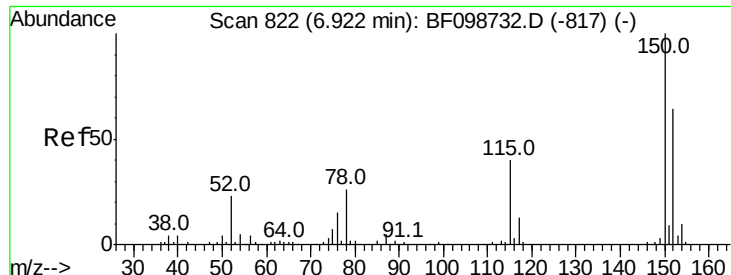
Instrument :
BNA_F
ClientSampleId :
TR-05-100517

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Quant Time: Oct 10 18:56:04 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

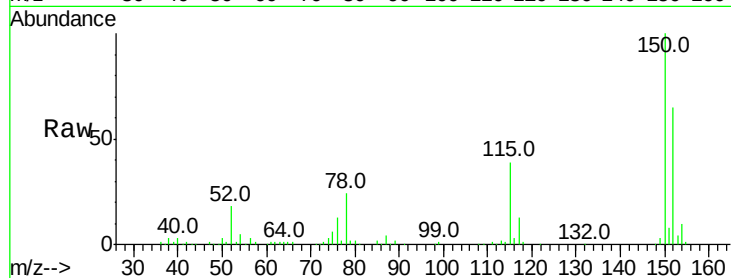
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099306.D
Acq: 10 Oct 2017 18:03

Instrument :
BNA_F
ClientSampled :
TR-05-100517

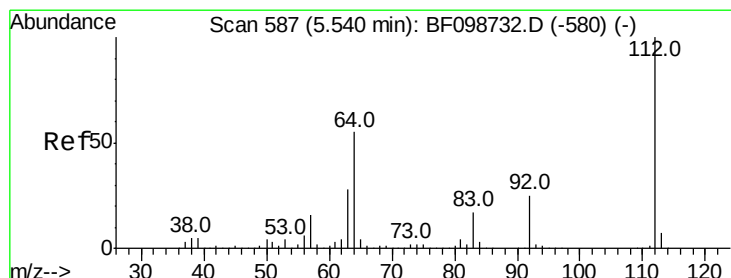
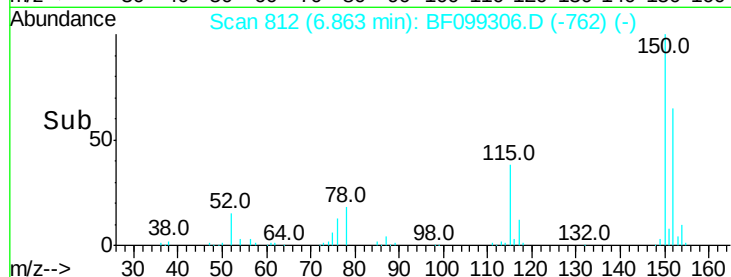
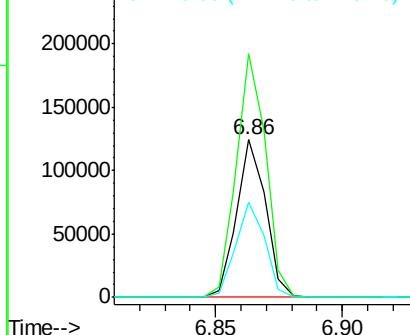
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	60.0	50.1	75.1

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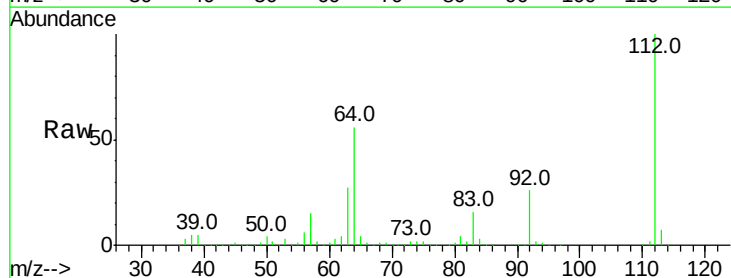
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



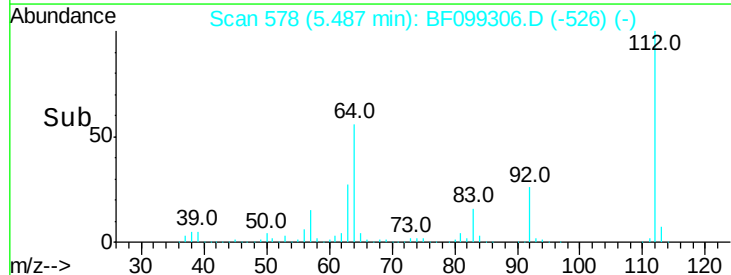
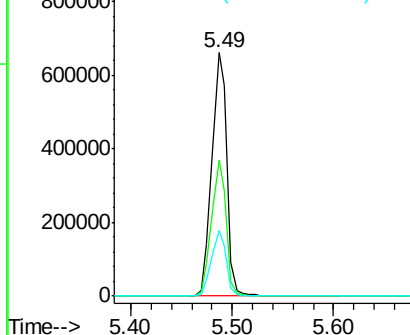
#5

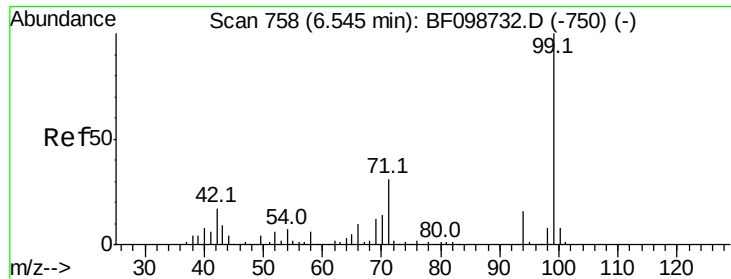
2-Fluorophenol
Concen: 109.750 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099306.D
Acq: 10 Oct 2017 18:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.9	71.9
63	27.0	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.019 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099306.D

Acq: 10 Oct 2017 18:03

Instrument :

BNA_F

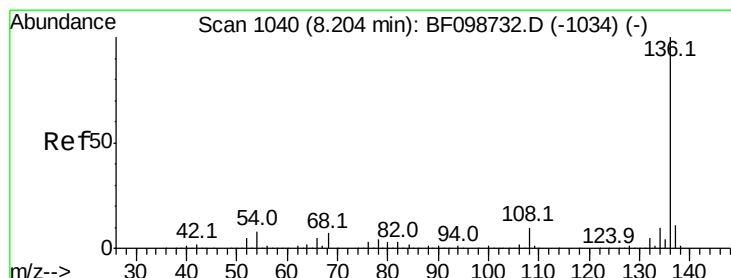
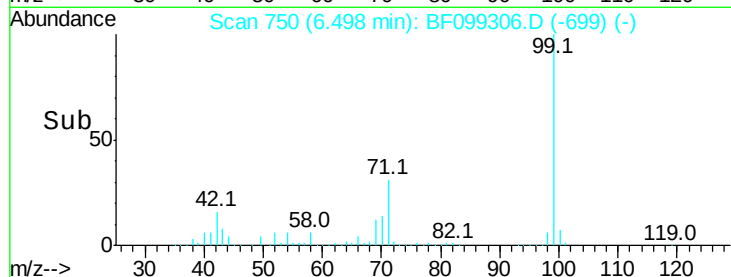
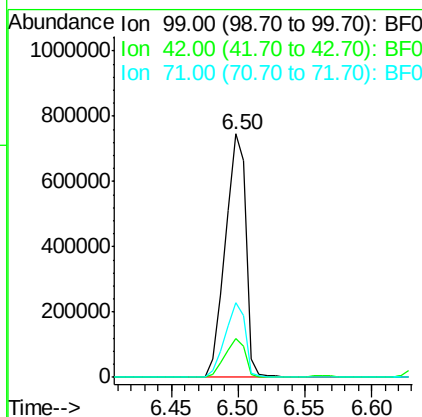
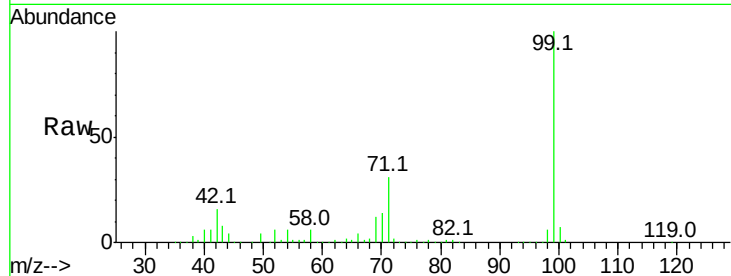
ClientSampleId :

TR-05-100517

Tot Ion:	99	Resp:	818509
Ion Ratio	Lower	Upper	
99	100		
42	15.7	14.5	21.7
71	30.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

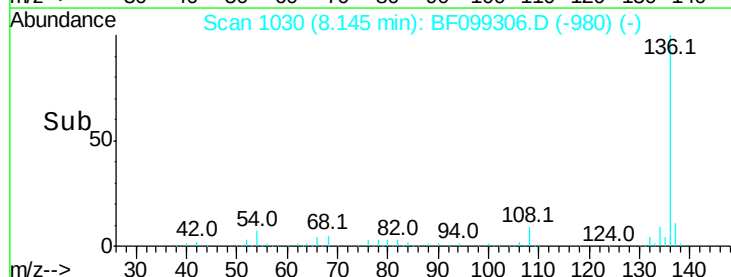
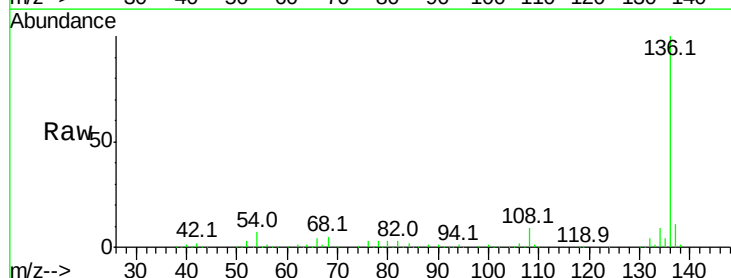
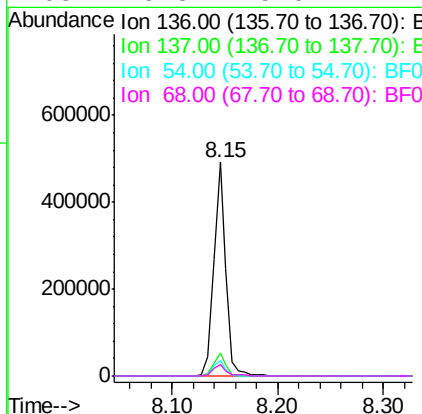
RT: 8.15 min Scan# 1030

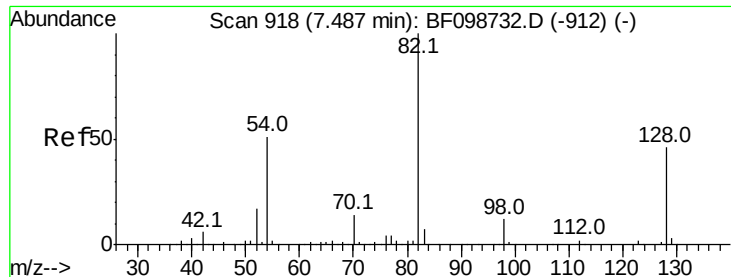
Delta R.T. -0.01 min

Lab File: BF099306.D

Acq: 10 Oct 2017 18:03

Tgt Ion:	136	Resp:	396580
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	7.0	6.6	9.8
68	5.3	5.0	7.4





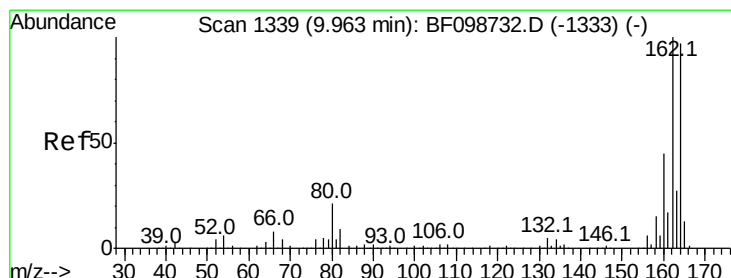
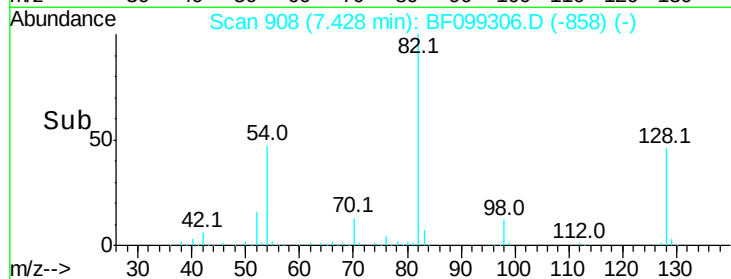
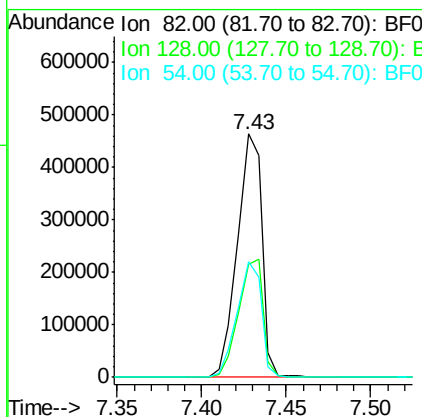
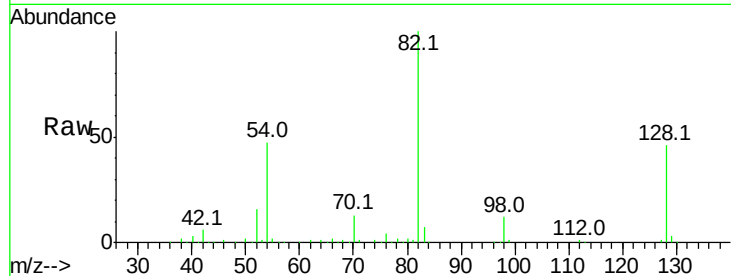
#23
 Nitrobenzene-d5
 Concen: 76.144 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099306.D
 Acq: 10 Oct 2017 18:03

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-100517

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	47.4	41.4	62.2

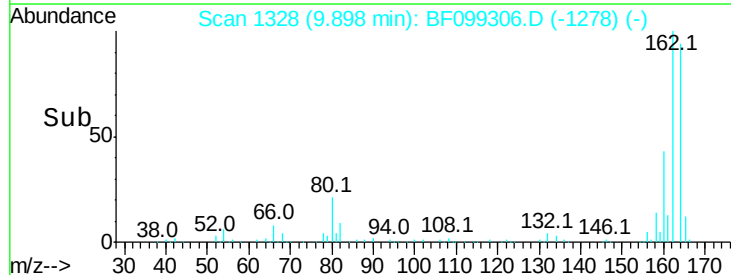
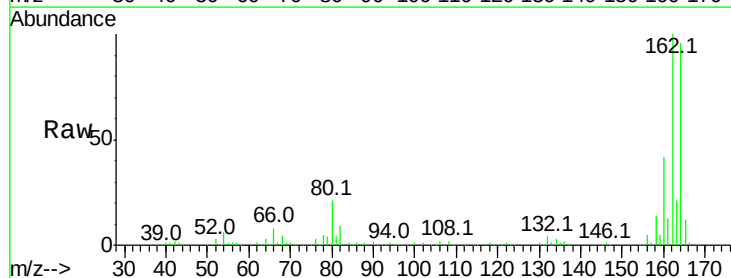
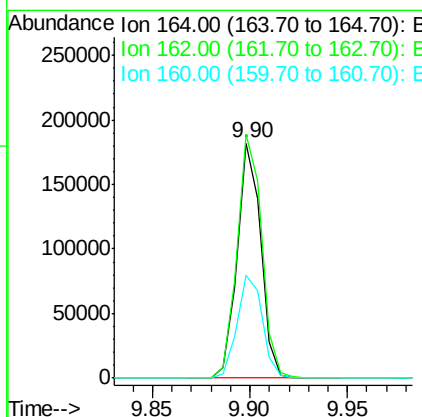
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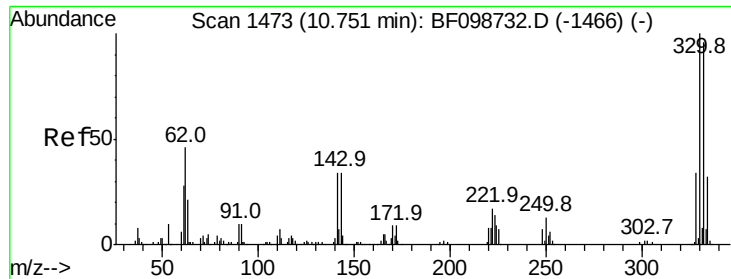
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099306.D
 Acq: 10 Oct 2017 18:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	44.0	38.3	57.5





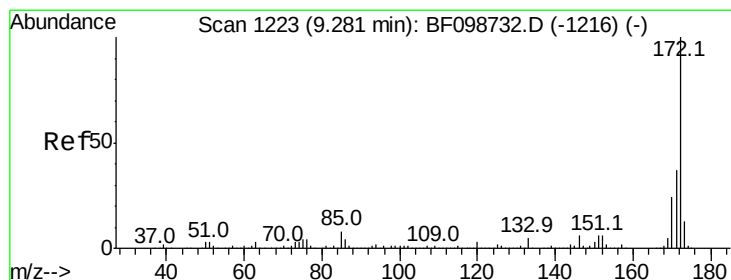
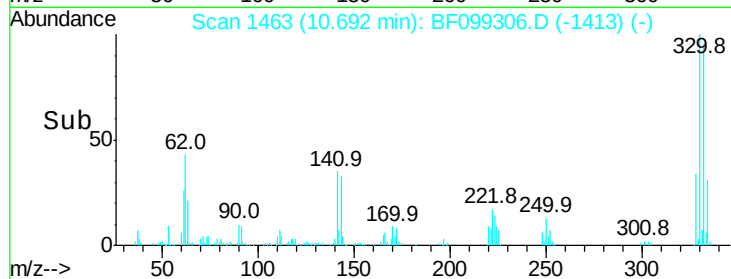
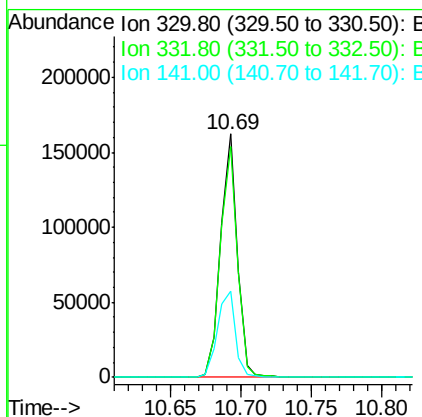
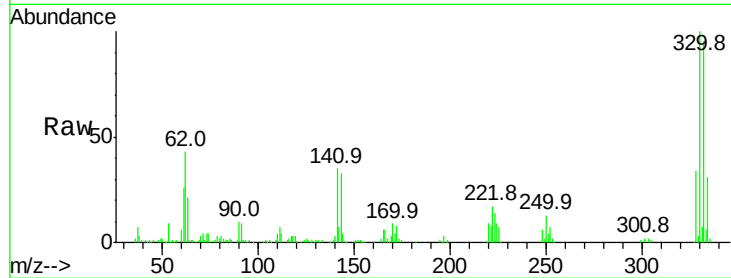
#41
 2,4,6-Tribromophenol
 Concen: 107.150 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099306.D
 Acq: 10 Oct 2017 18:03

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-100517

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.3	77.0	115.6	
141	38.5	29.9	44.9	

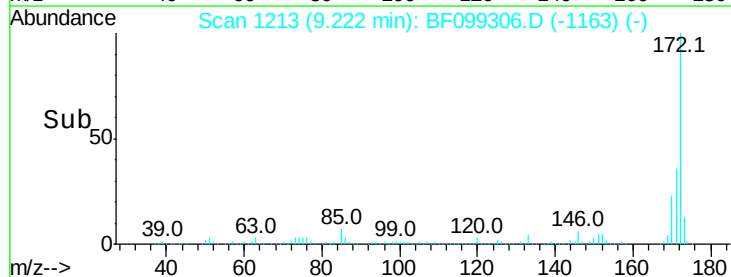
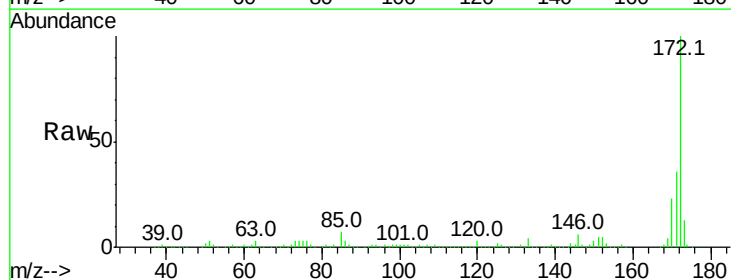
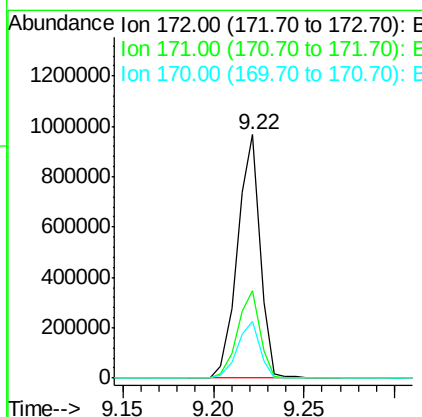
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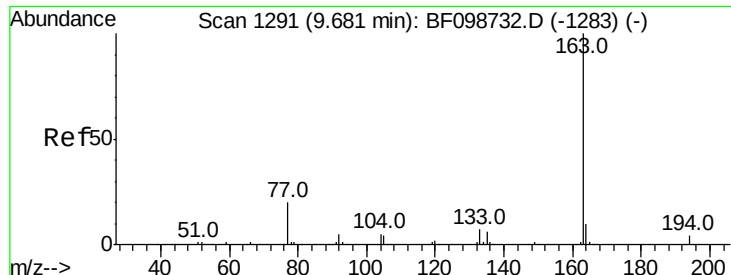
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#44
 2-Fluorobiphenyl
 Concen: 91.573 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099306.D
 Acq: 10 Oct 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.7	44.5	
170	23.4	19.6	29.4	





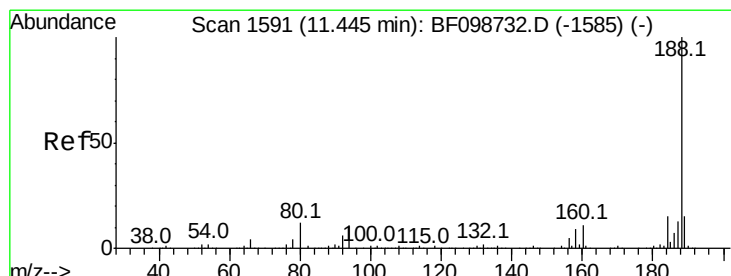
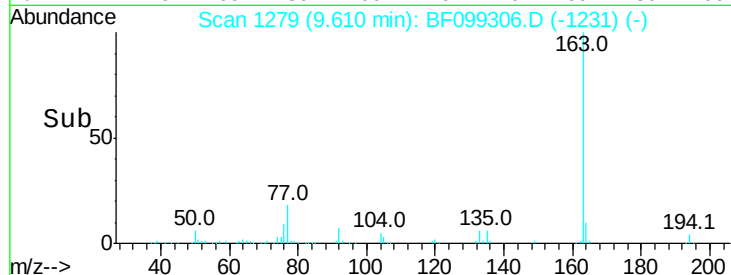
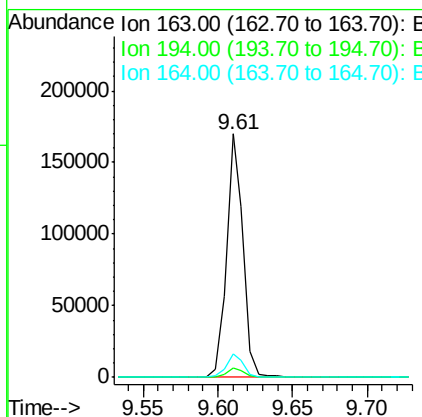
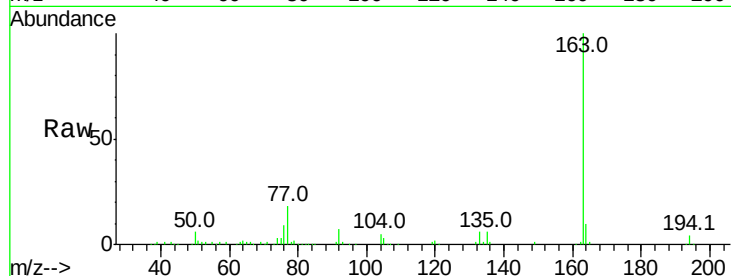
#49
Dimethylphthalate
Concen: 11.498 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099306.D
Acq: 10 Oct 2017 18:03

Instrument :
BNA_F
ClientSampleId :
TR-05-100517

Tot Ion	Ratio	Resp	Lower	Upper
163	100	132514		
194	3.7		2.7	4.1
164	9.8		8.2	12.2

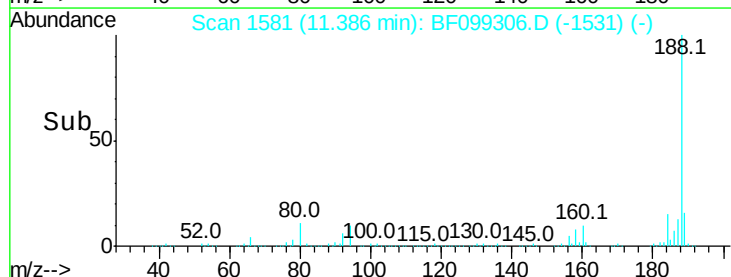
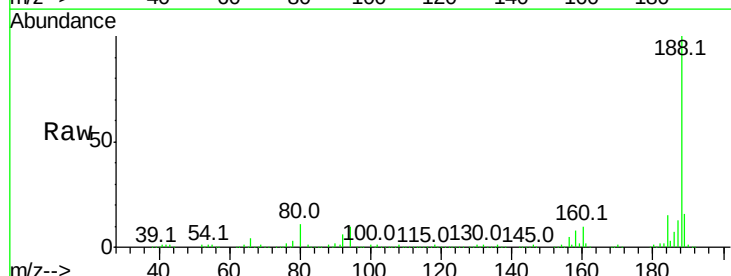
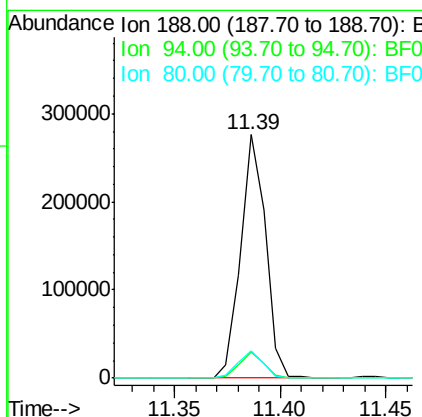
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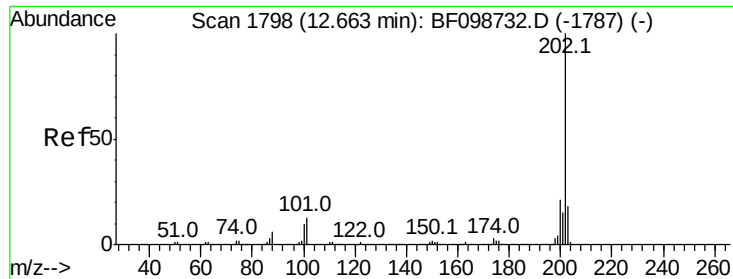
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099306.D
Acq: 10 Oct 2017 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	225200		
94	10.5		8.5	12.7
80	11.5		9.2	13.8





#74

Fluoranthene

Concen: 3.796 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF099306.D

Acq: 10 Oct 2017 18:03

Instrument :

BNA_F

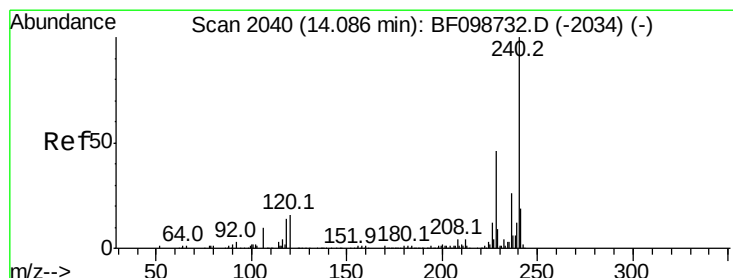
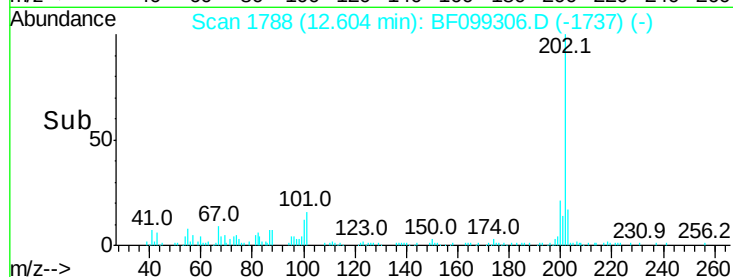
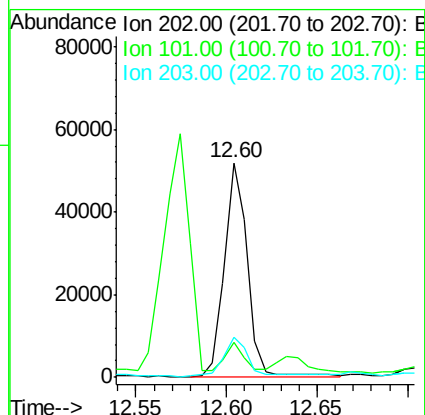
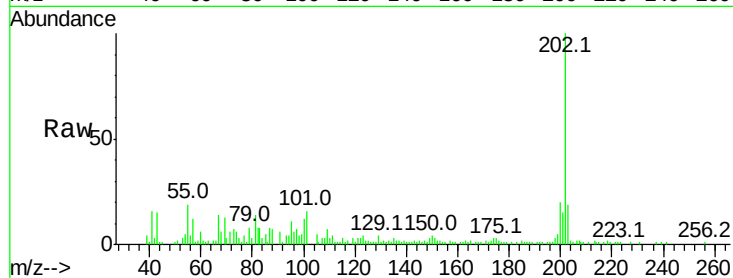
ClientSampleId :

TR-05-100517

Tot Ion:	202	Resp:	46331
Ion Ratio	Lower	Upper	
202	100		
101	16.4	0.0	34.1
203	18.6	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

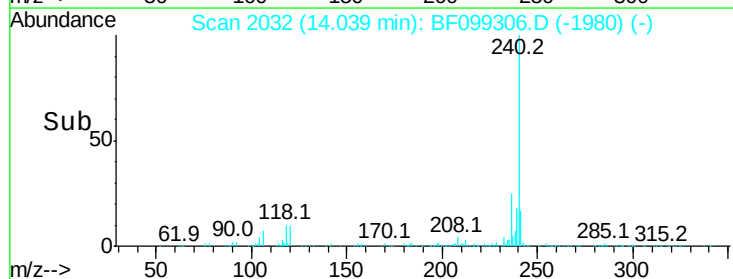
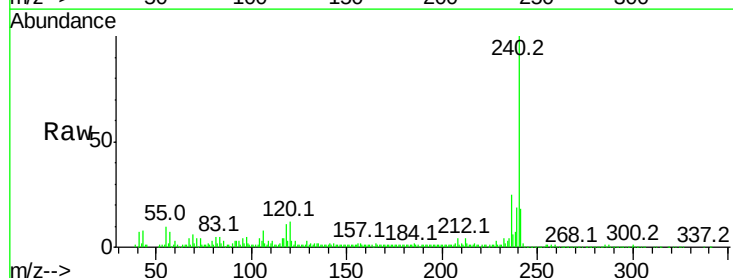
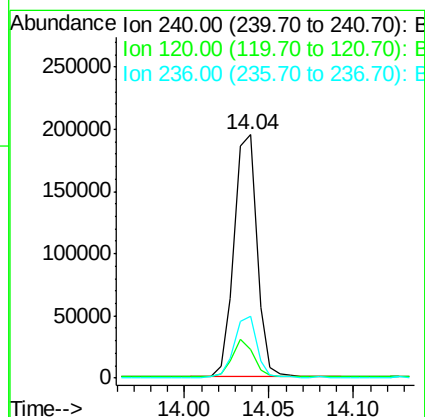
RT: 14.04 min Scan# 2032

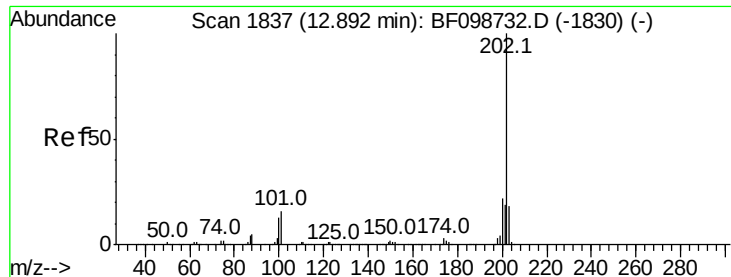
Delta R.T. 0.01 min

Lab File: BF099306.D

Acq: 10 Oct 2017 18:03

Tgt Ion:	240	Resp:	185245
Ion Ratio	Lower	Upper	
240	100		
120	12.0	9.5	14.3
236	25.2	20.7	31.1





#77

Pvrene

Concen: 3.422 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BF099306.D

Acq: 10 Oct 2017 18:03

Instrument :

BNA_F

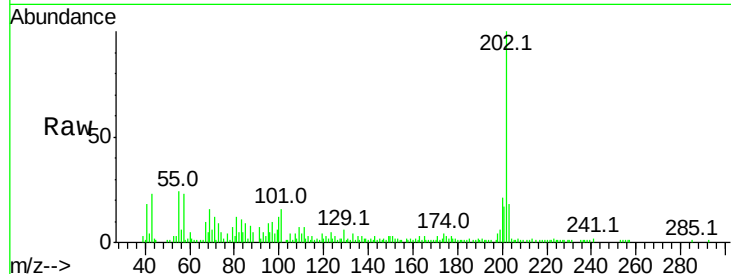
ClientSampleId :

TR-05-100517

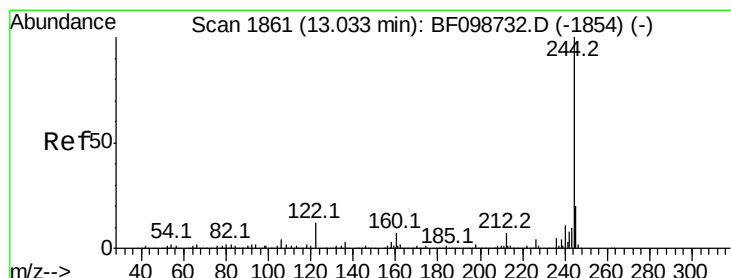
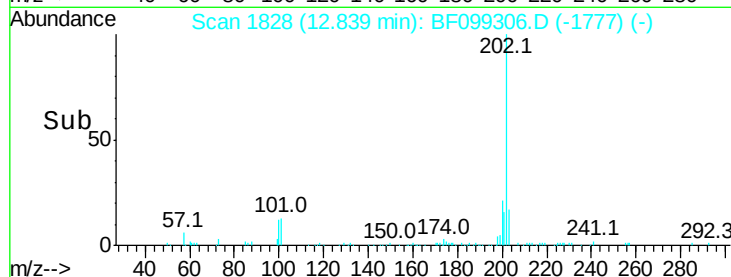
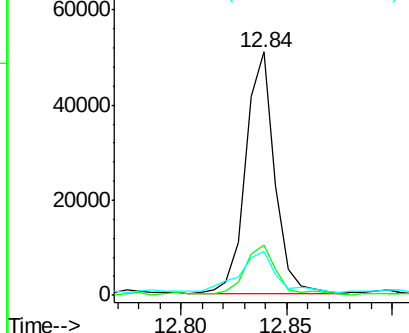
Tot Ion:	202	Resp:	48338
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	17.9	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 68.888 ng

RT: 12.98 min Scan# 1852

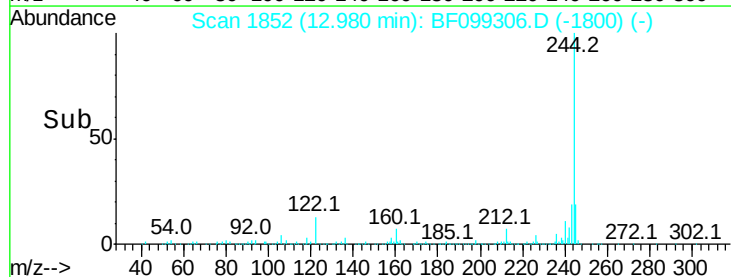
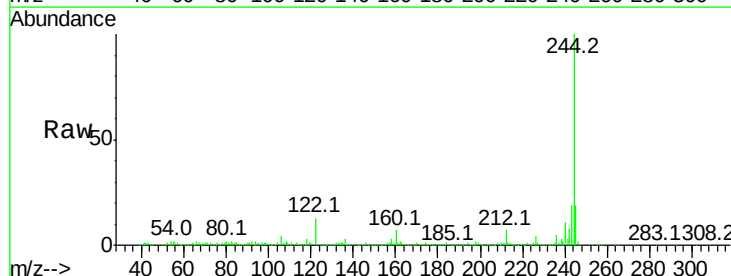
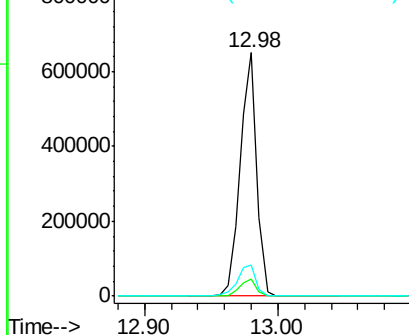
Delta R.T. 0.01 min

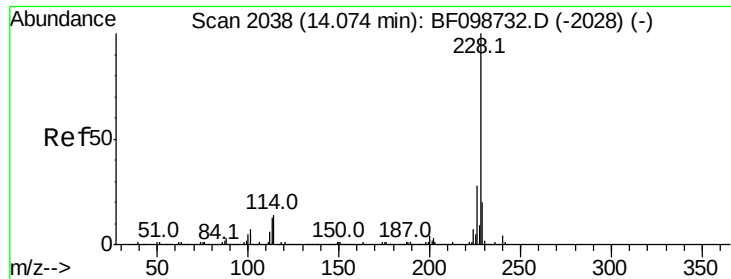
Lab File: BF099306.D

Acq: 10 Oct 2017 18:03

Tgt Ion:	244	Resp:	561125
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	12.8	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





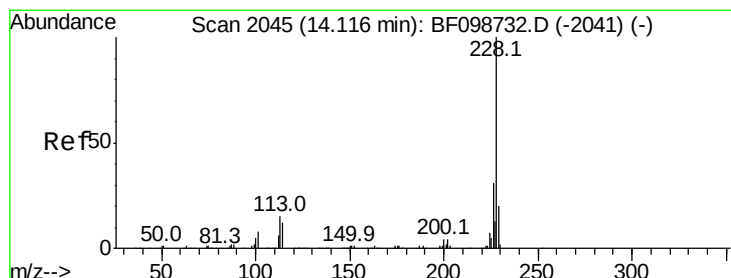
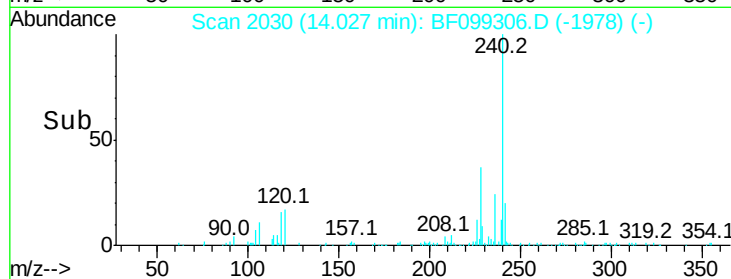
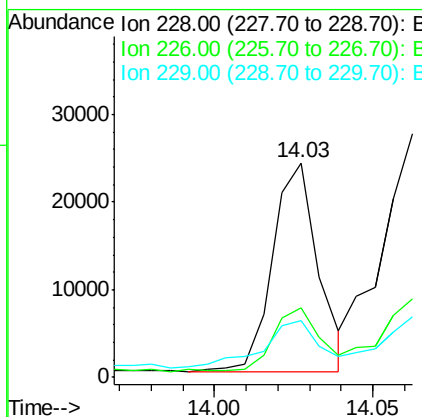
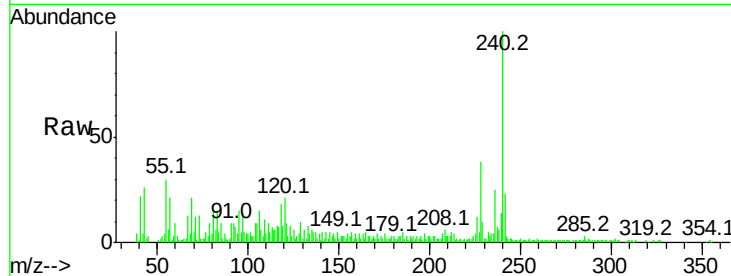
#80
Benzo(a)anthracene
Concen: 2.132 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF099306.D
Acq: 10 Oct 2017 18:03

Instrument :
BNA_F
ClientSampleId :
TR-05-100517

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.6	33.8
229	26.4	15.8	23.6

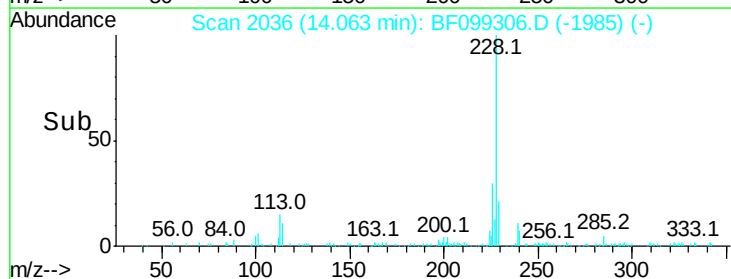
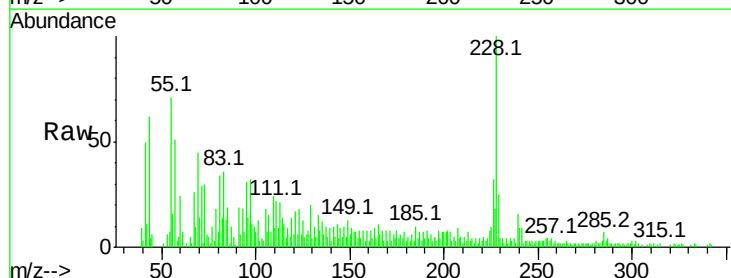
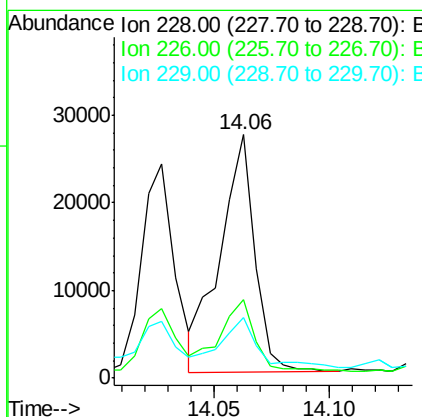
Manual Integrations
APPROVED

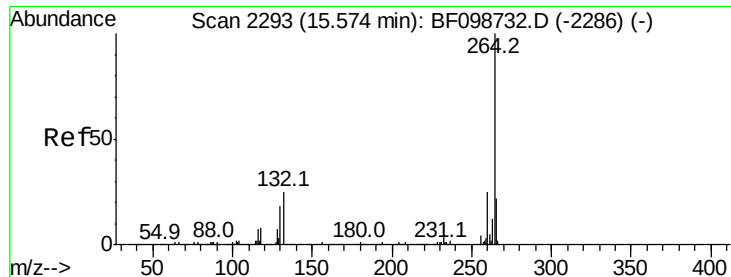
Sohil
10/11/2017 7:23:49 PM



#82
Chrysene
Concen: 2.664 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BF099306.D
Acq: 10 Oct 2017 18:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.0	37.6
229	25.1	16.2	24.4





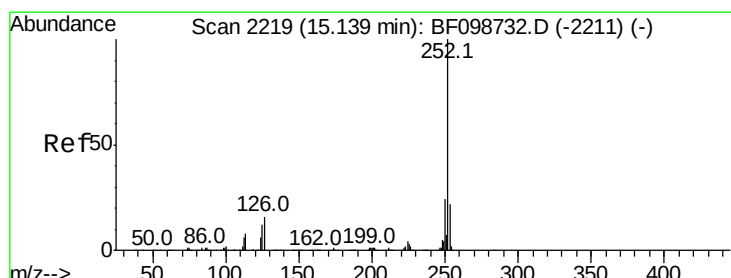
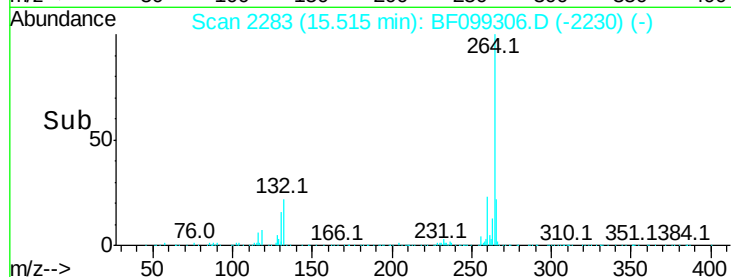
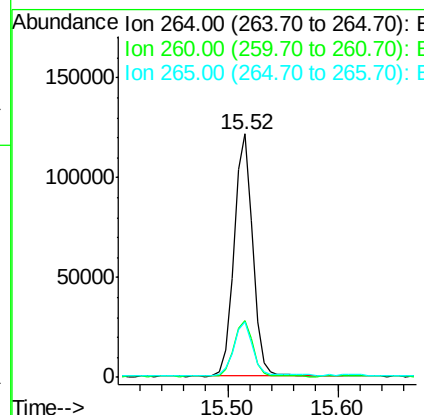
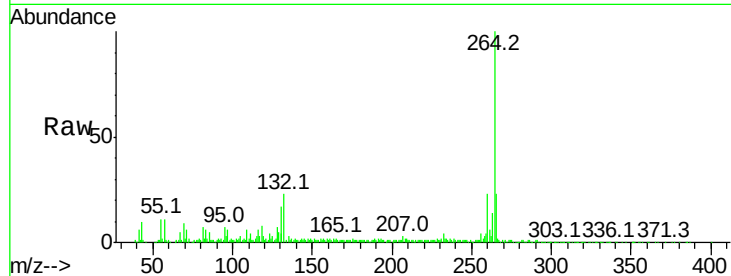
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF099306.D
Acq: 10 Oct 2017 18:03

Instrument :
BNA_F
ClientSampleId :
TR-05-100517

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.6	17.5	26.3

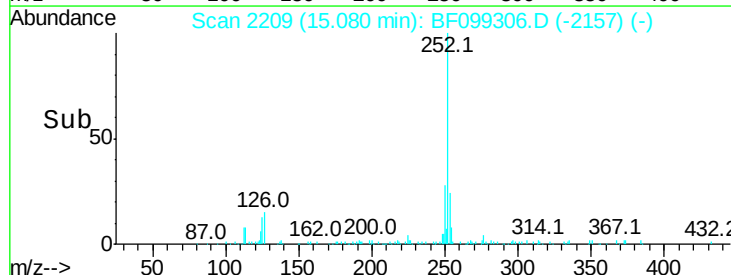
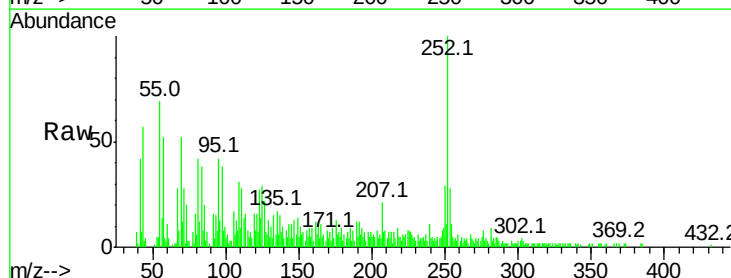
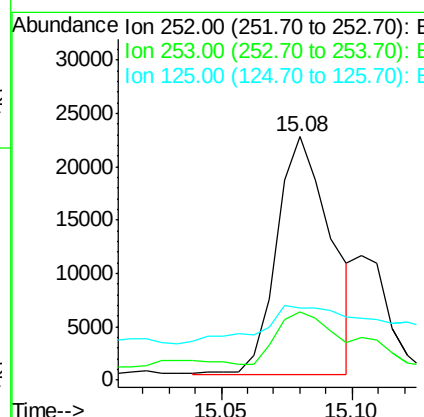
Manual Integrations
APPROVED

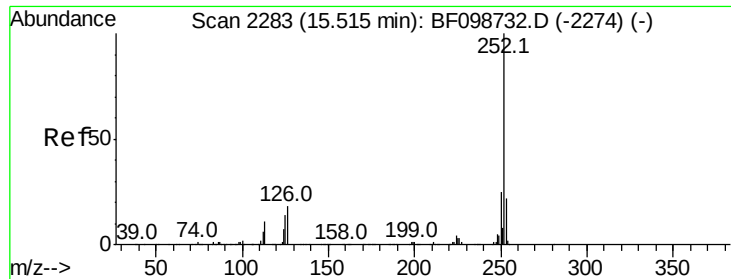
Sohil
10/11/2017 7:23:49 PM



#87
Benzo(b)fluoranthene
Concen: 3.637 ng m
RT: 15.08 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BF099306.D
Acq: 10 Oct 2017 18:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.0	25.6#
125	29.5	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 2.398 ng

RT: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF099306.D

Acq: 10 Oct 2017 18:03

Instrument :

BNA_F

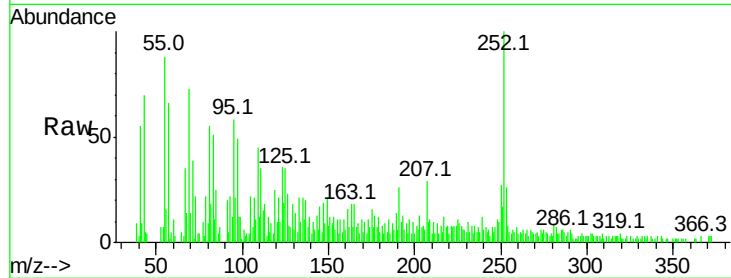
ClientSampleId :

TR-05-100517

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.1	25.7#
125	34.5	9.8	14.6#

Manual Integrations
APPROVED

Sohil
10/11/2017 7:23:49 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

