

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099962.D
 Acq On : 30 Oct 2017 16:27
 Operator : SJ/JU
 Sample : I6171-03 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102617-B

Manual Integrations
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Sohil
 10/31/2017 7:41:01 PM

Quant Time: Oct 31 02:39:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	98508	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	422082	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	189791	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	329092	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	200633	20.00	ng	-0.02
86) Perylene-d12	15.46	264	178692	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	129628	20.66	ng	0.00
7) Phenol-d6	6.43	99	192001	25.81	ng	-0.01
23) Nitrobenzene-d5	7.36	82	103359	15.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	34741	20.09	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	273849	22.26	ng	-0.02
78) Terphenyl-d14	12.90	244	223095	24.30	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.55	163	41114	2.735	ng	Qvalue 100
74) Fluoranthene	12.54	202	58400	3.026	ng	98
77) Pyrene	12.77	202	62981	4.128	ng	98
80) Benzo(a)anthracene	13.96	228	28043	2.205	ng	97
82) Chrysene	14.00	228	27995	2.341	ng	97
85) Indeno(1,2,3-cd)pyrene	16.96	276	22515	2.051	ng	94
87) Benzo(b)fluoranthene	15.03	252	39115m	3.467	ng	
89) Benzo(a)pyrene	15.40	252	30598	3.019	ng	# 89
91) Benzo(g,h,i)perylene	17.41	276	22944	2.604	ng	# 95

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

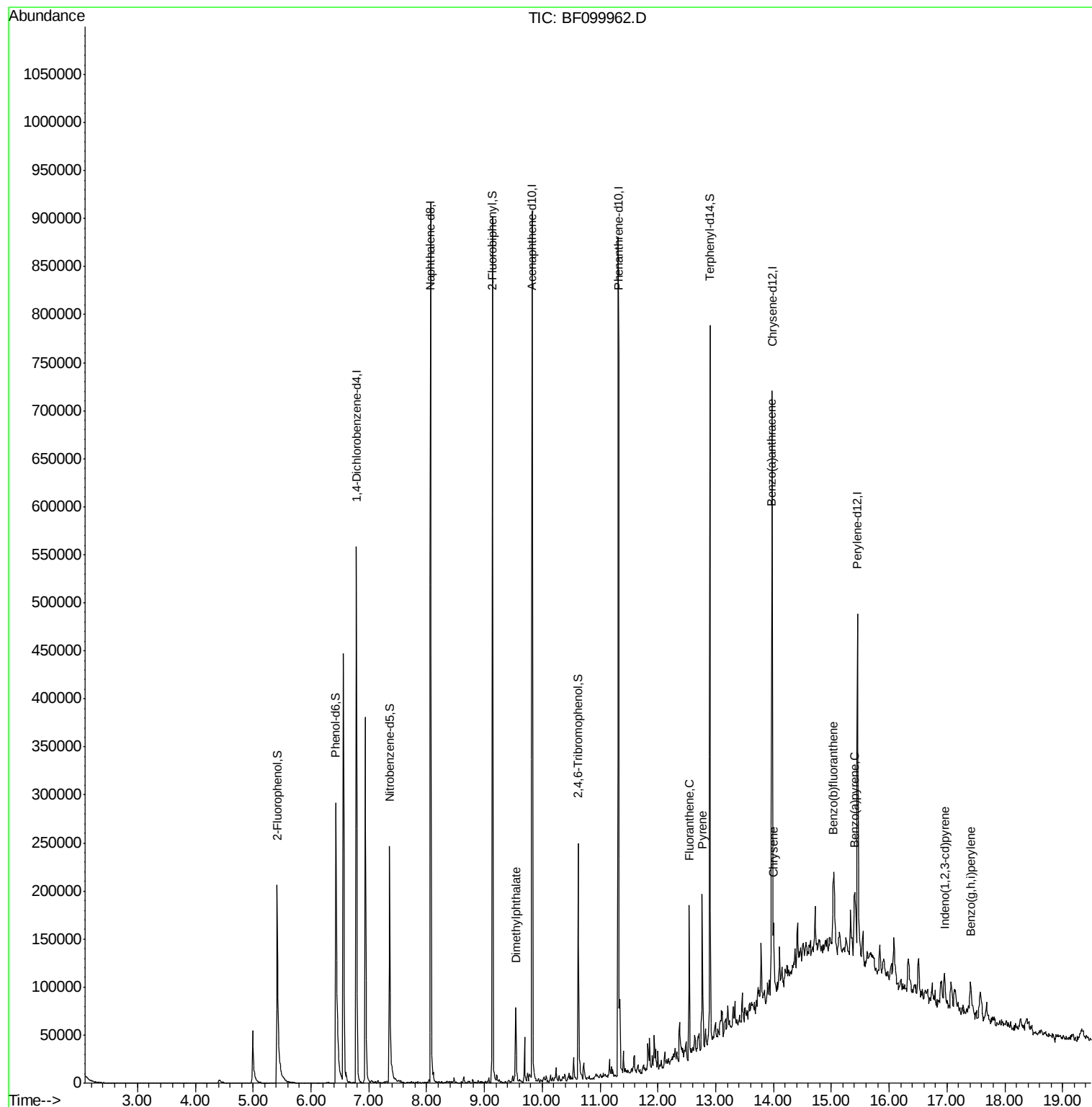
Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
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#1

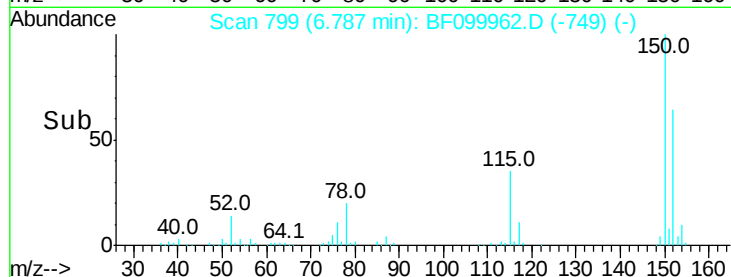
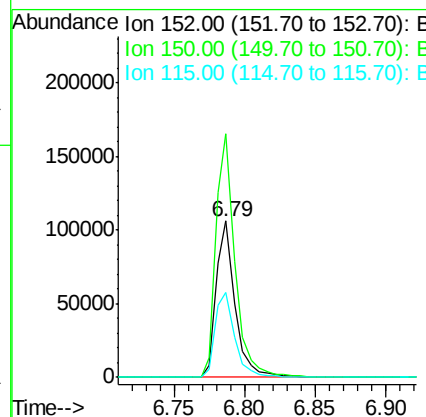
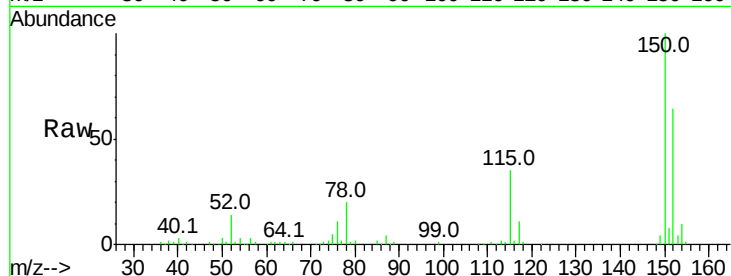
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099962.D
Acq: 30 Oct 2017 16:27

Instrument :
BNA_F
ClientSampleId :
CL-01-102617-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	54.4	50.1	75.1

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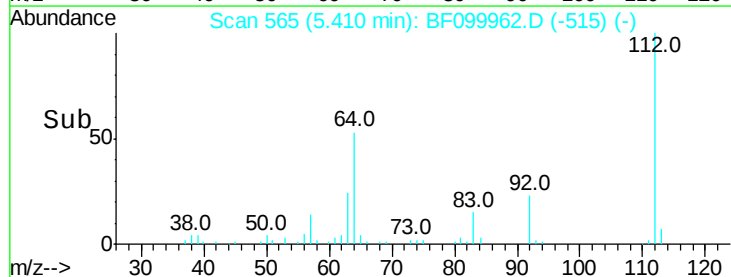
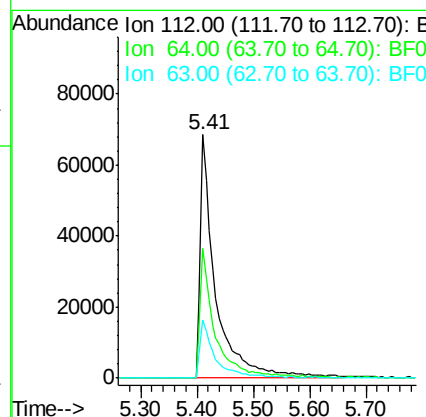
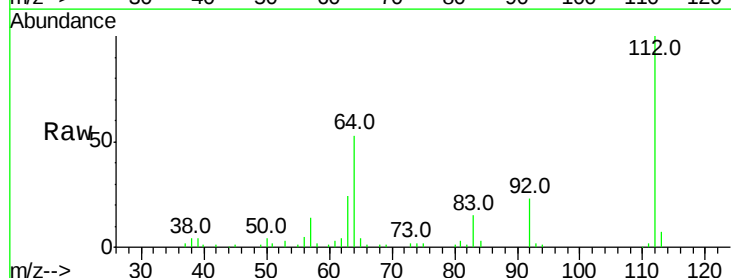
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#5

2-Fluorophenol
Concen: 20.659 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099962.D
Acq: 30 Oct 2017 16:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	47.9	71.9
63	23.8	23.7	35.5





#7

Phenol-d6

Concen: 25.807 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF099962.D

Acq: 30 Oct 2017 16:27

Instrument :

BNA_F

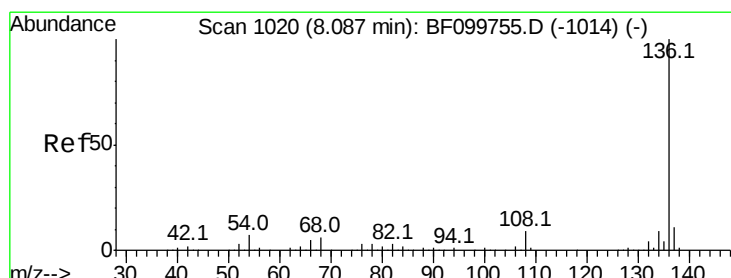
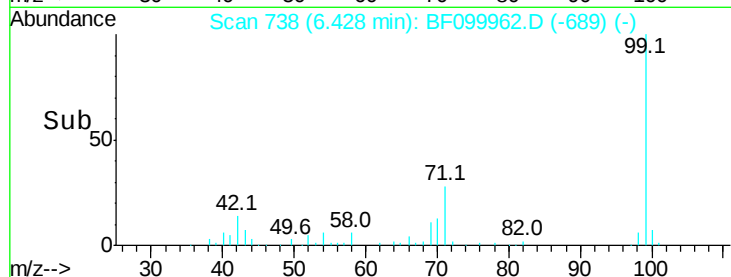
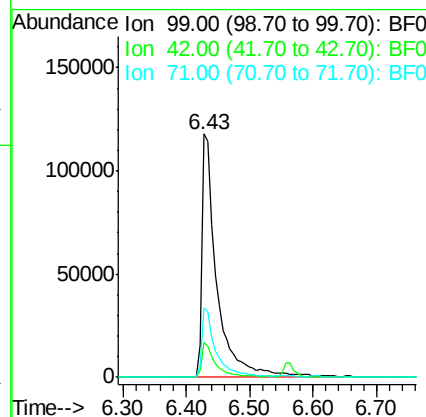
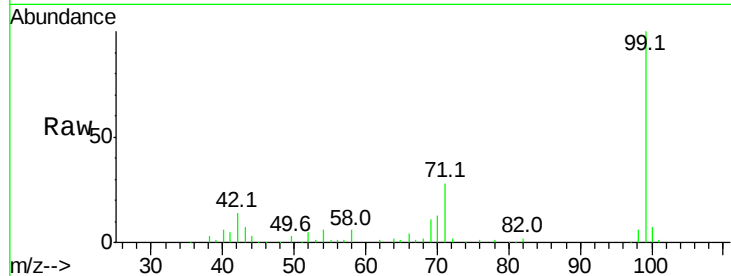
ClientSampleId :

CL-01-102617-B

Tot Ion:	99	Resp:	192001
Ion Ratio	Lower	Upper	
99	100		
42	14.1	14.5	21.7#
71	28.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

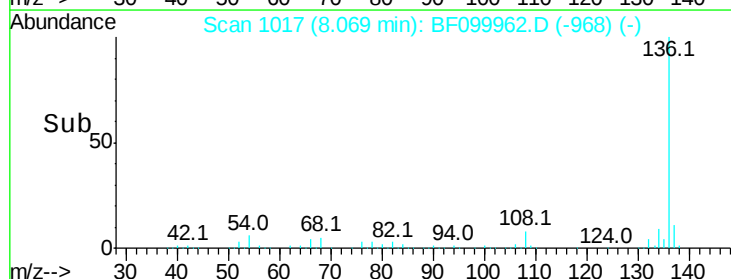
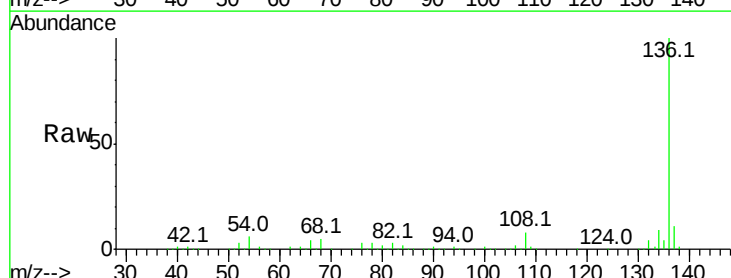
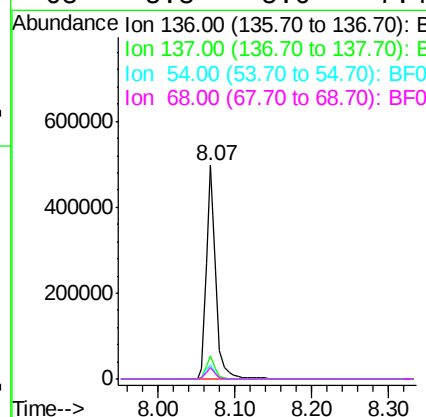
RT: 8.07 min Scan# 1017

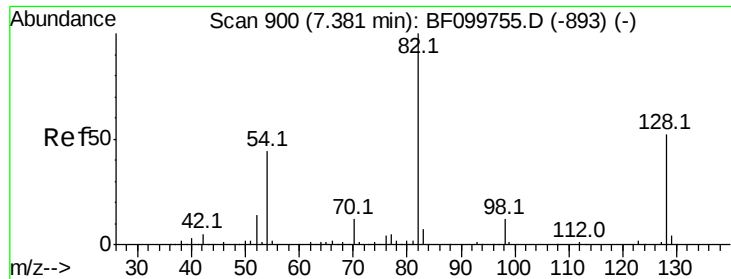
Delta R.T. -0.01 min

Lab File: BF099962.D

Acq: 30 Oct 2017 16:27

Tgt Ion:	136	Resp:	422082
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.9	13.3
54	6.3	6.6	9.8#
68	5.3	5.0	7.4





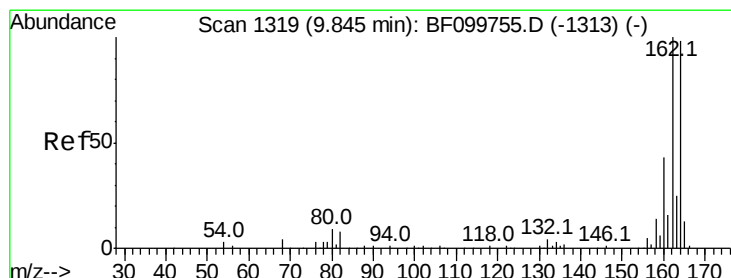
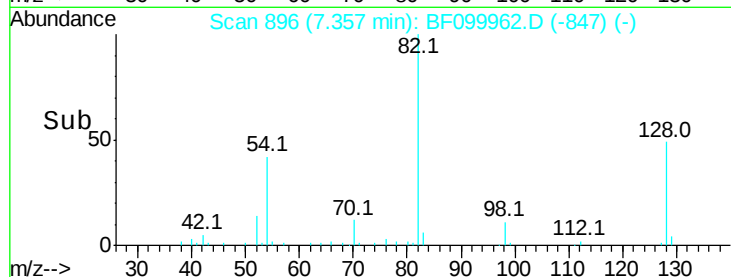
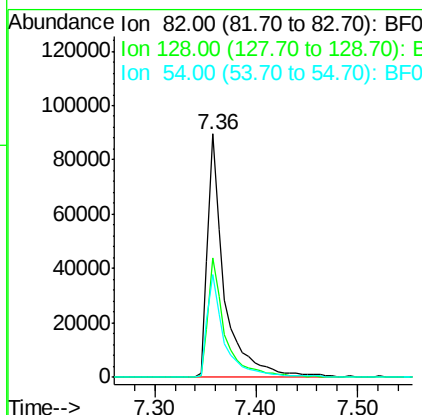
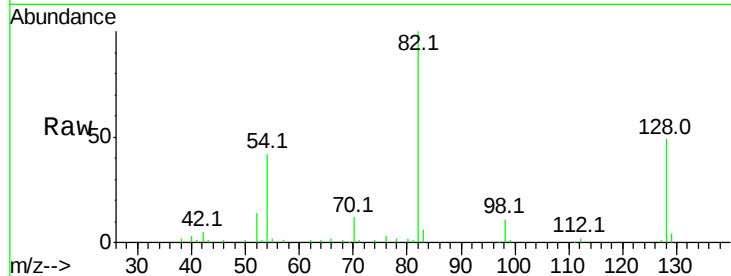
#23
 Nitrobenzene-d5
 Concen: 15.765 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099962.D
 Acq: 30 Oct 2017 16:27

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102617-B

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.1	36.1	54.1	
54	42.4	41.4	62.2	

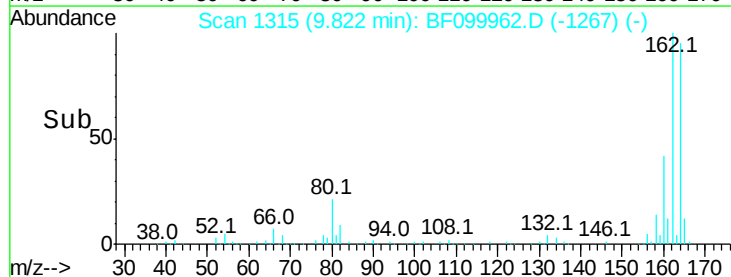
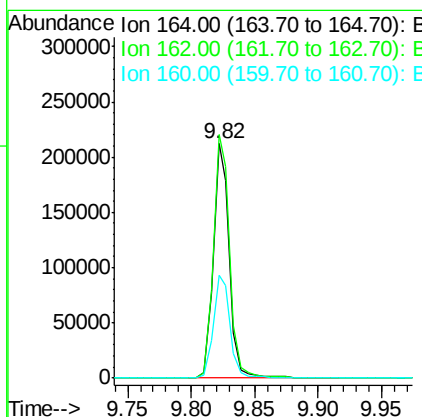
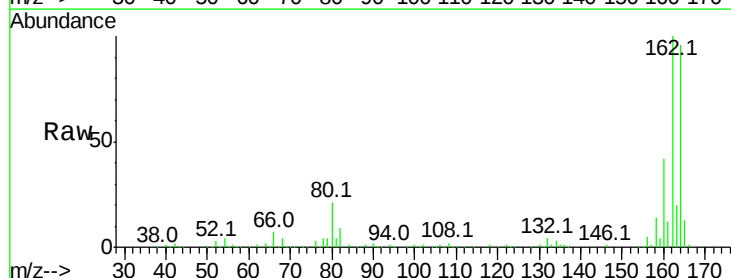
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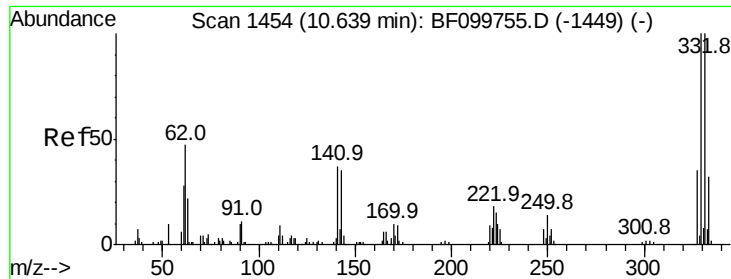
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF099962.D
 Acq: 30 Oct 2017 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.0	86.1	129.1	
160	43.7	38.3	57.5	





#41

2,4,6-Tribromophenol

Concen: 20.086 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.02 min

Lab File: BF099962.D

Acq: 30 Oct 2017 16:27

Instrument :

BNA_F

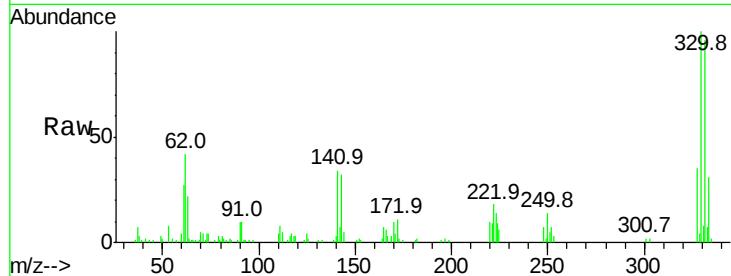
ClientSampleId :

CL-01-102617-B

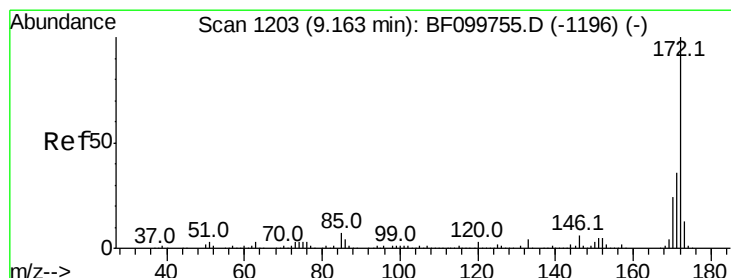
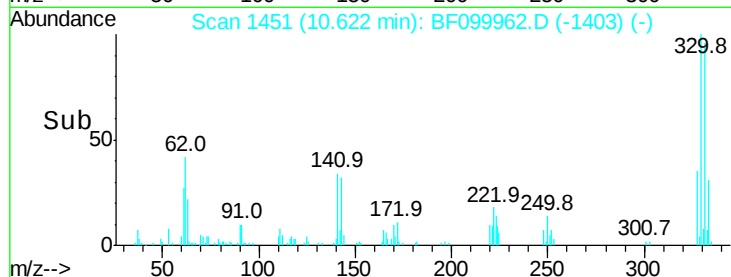
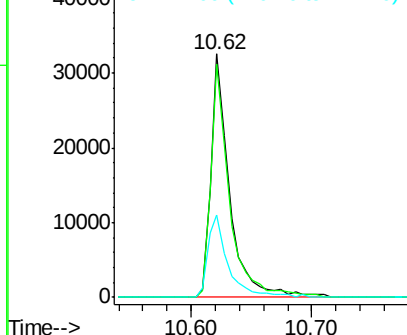
Tot Ion:	330	Resp:	34741
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.0	115.6
141	36.8	29.9	44.9

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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: 22.262 ng

RT: 9.14 min Scan# 1199

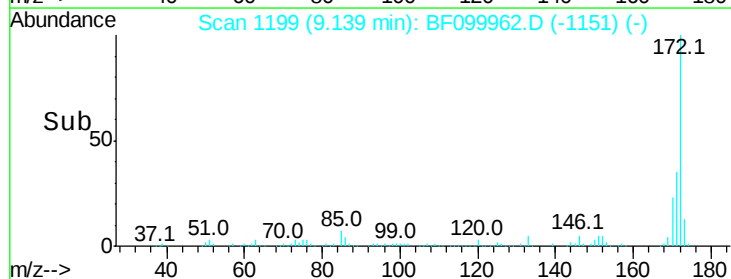
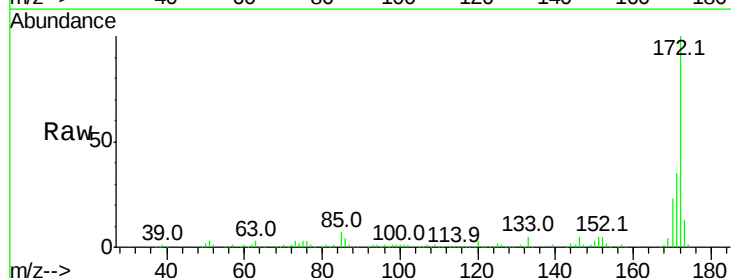
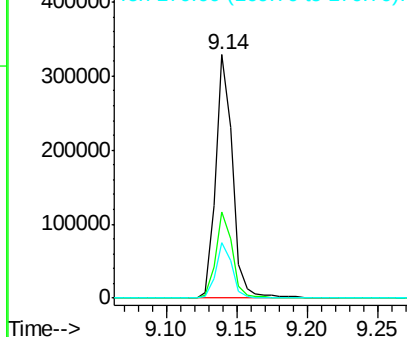
Delta R.T. -0.02 min

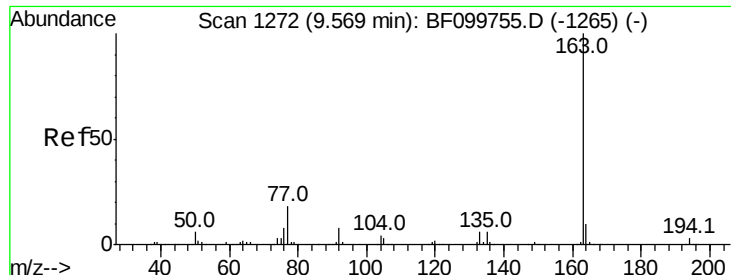
Lab File: BF099962.D

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Tgt Ion:	172	Resp:	273849
Ion Ratio	Lower	Upper	
172	100		
171	35.2	29.7	44.5
170	23.0	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





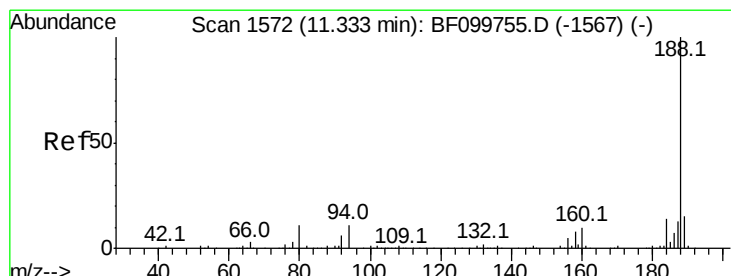
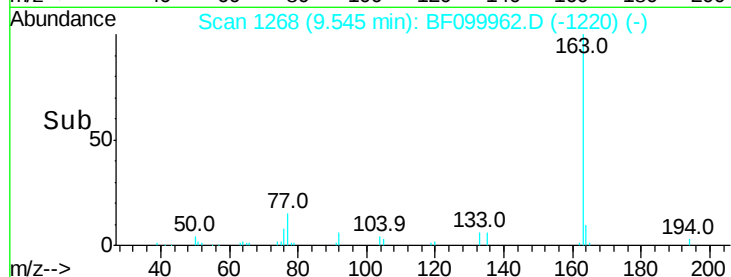
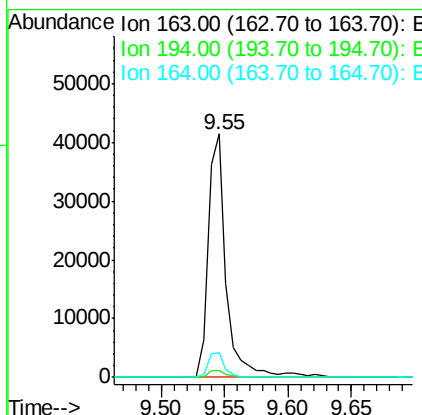
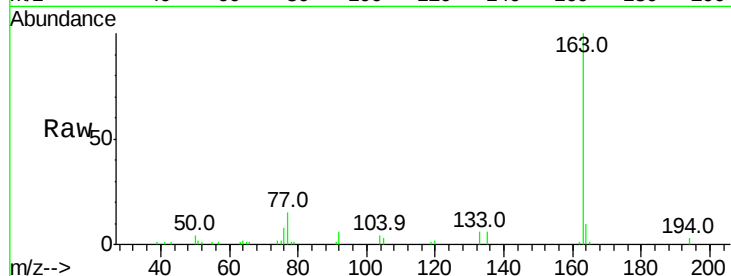
#49
Dimethylphthalate
Concen: 2.735 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF099962.D
Acq: 30 Oct 2017 16:27

Instrument :
BNA_F
ClientSampleId :
CL-01-102617-B

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	10.1	8.2	12.2

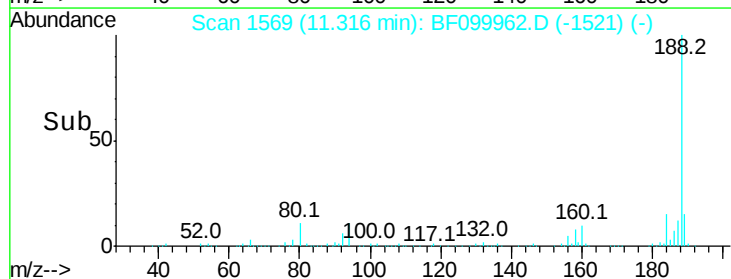
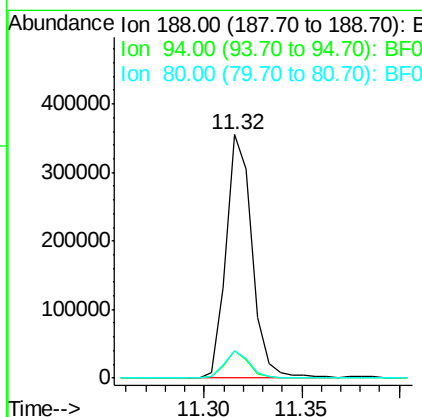
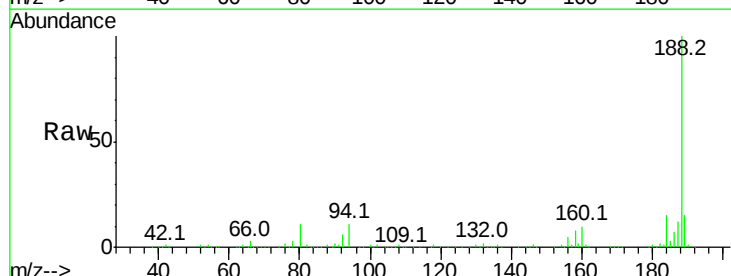
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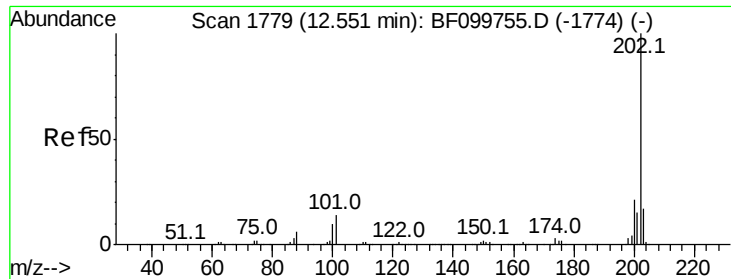
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099962.D
Acq: 30 Oct 2017 16:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.3	9.2	13.8





#74

Fluoranthene

Concen: 3.026 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF099962.D

Acq: 30 Oct 2017 16:27

Instrument :

BNA_F

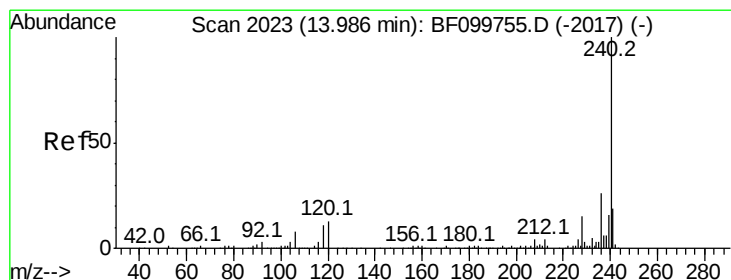
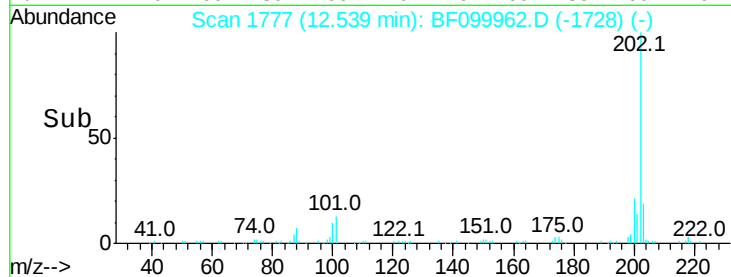
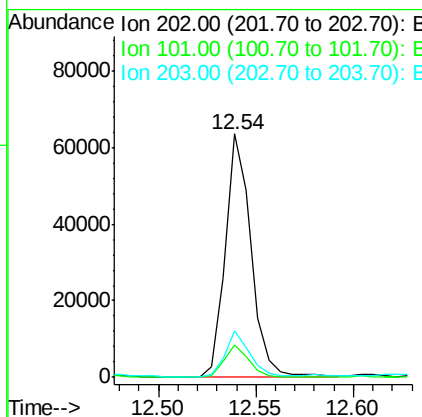
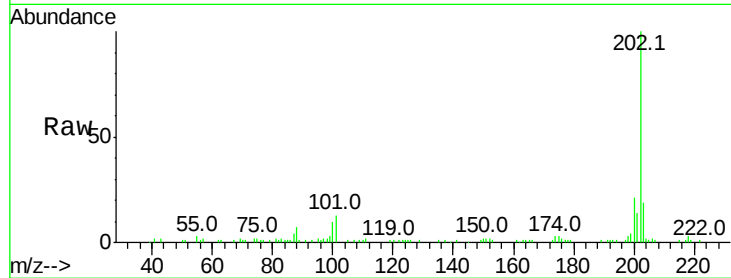
ClientSampleId :

CL-01-102617-B

Tot Ion:	202	Resp:	58400
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	34.1
203	19.3	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

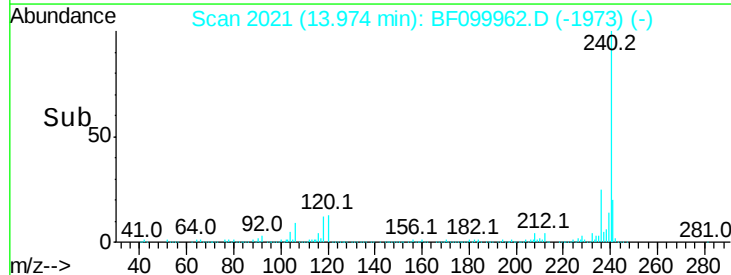
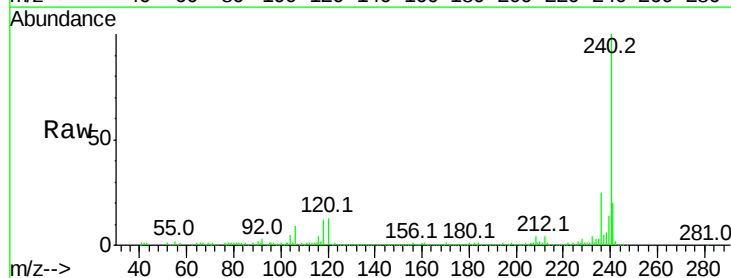
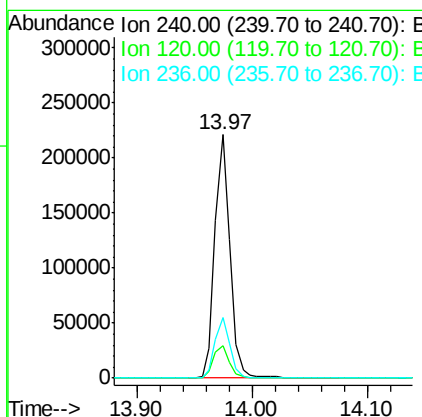
RT: 13.97 min Scan# 2021

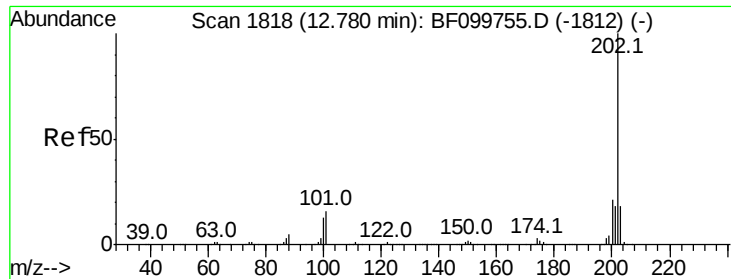
Delta R.T. -0.02 min

Lab File: BF099962.D

Acq: 30 Oct 2017 16:27

Tgt Ion:	240	Resp:	200633
Ion Ratio	Lower	Upper	
240	100		
120	13.4	9.5	14.3
236	24.8	20.7	31.1





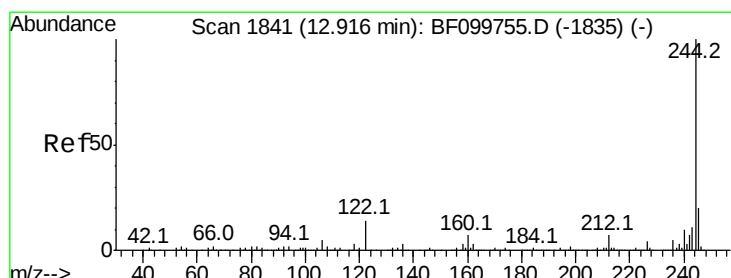
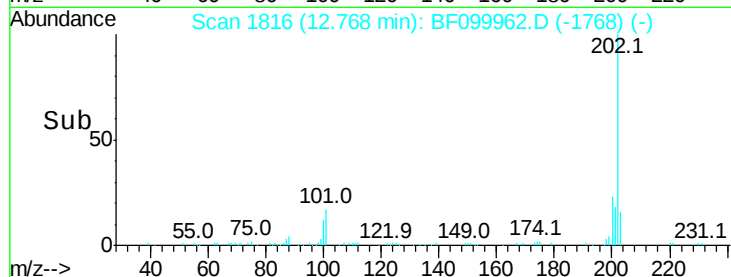
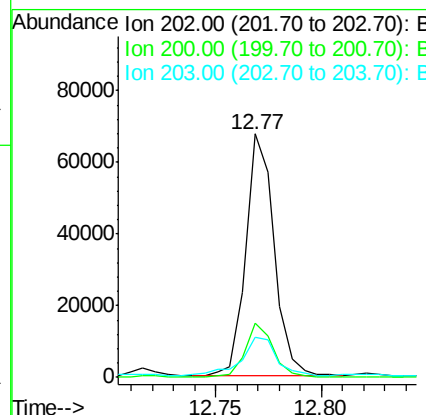
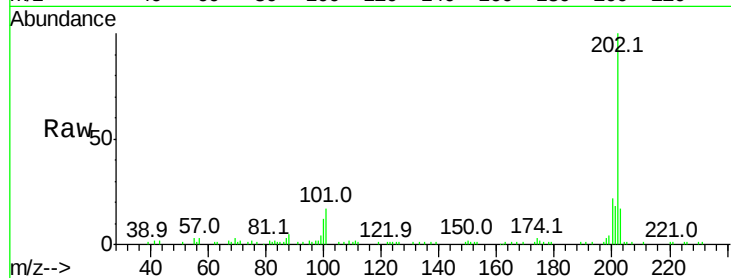
#77
Pvrene
Concen: 4.128 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF099962.D
Acq: 30 Oct 2017 16:27

Instrument :
BNA_F
ClientSampleId :
CL-01-102617-B

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	16.5	14.3	21.5

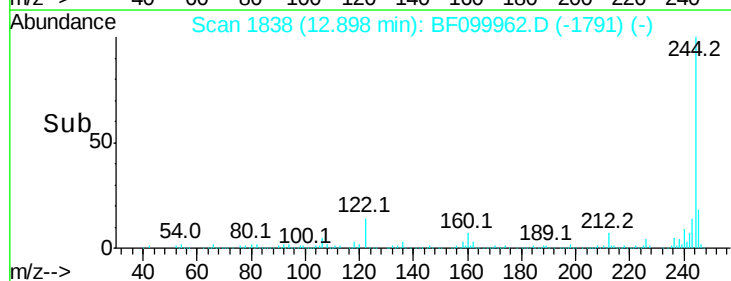
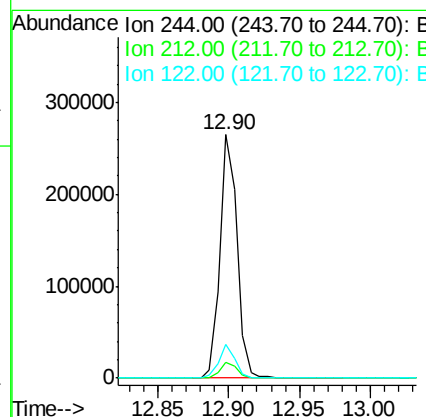
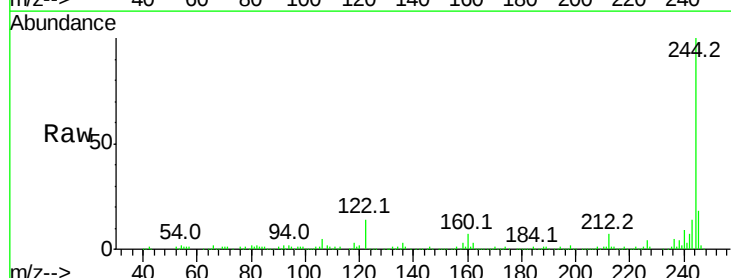
Manual Integrations
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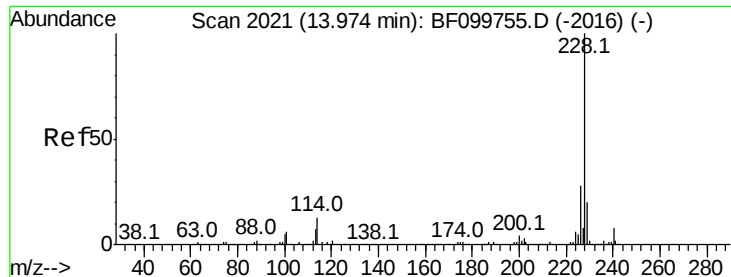
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#78
Terphenyl-d14
Concen: 24.300 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF099962.D
Acq: 30 Oct 2017 16:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	14.1	11.0	16.4





#80

Benzo(a)anthracene

Concen: 2.205 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF099962.D

Acq: 30 Oct 2017 16:27

Instrument :

BNA_F

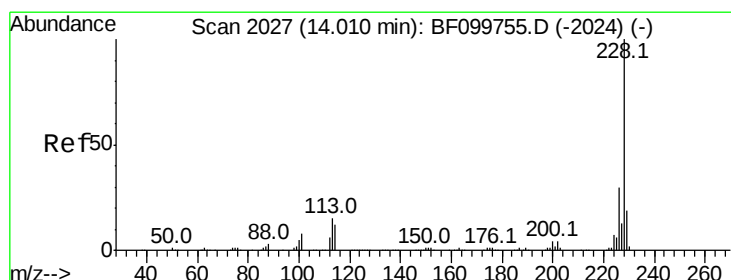
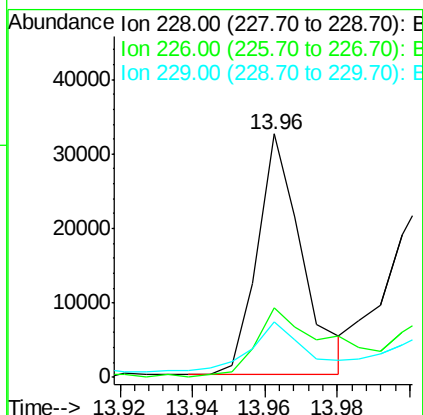
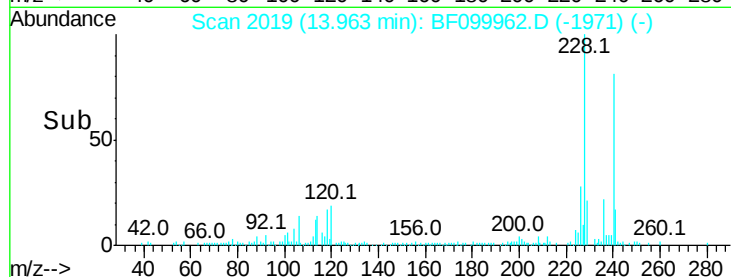
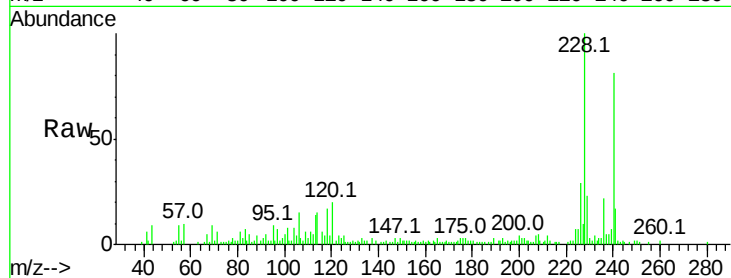
ClientSampleId :

CL-01-102617-B

Tot Ion:	228	Resp:	28043
Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	22.8	15.8	23.6

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#82

Chrysene

Concen: 2.341 ng

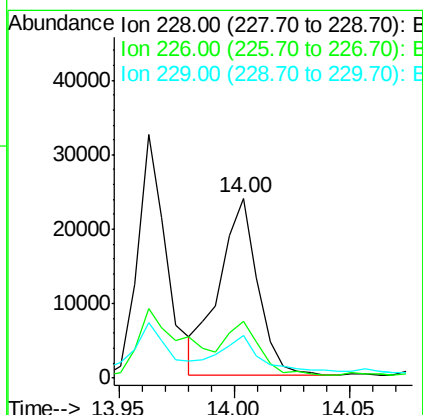
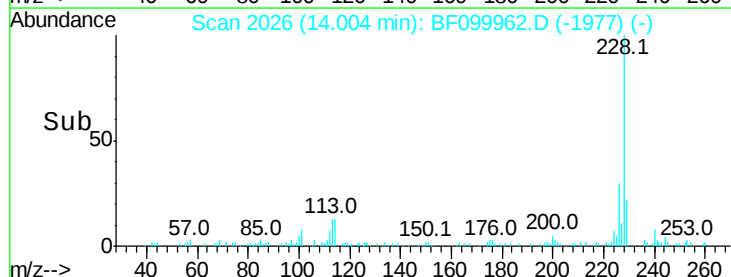
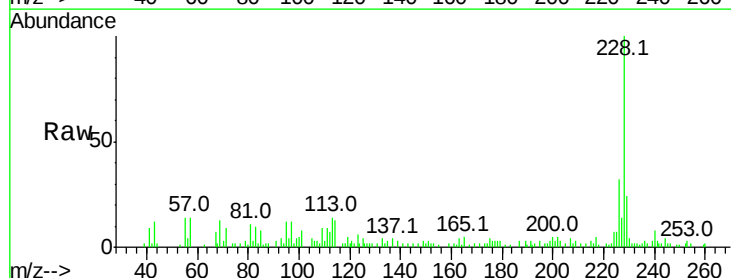
RT: 14.00 min Scan# 2026

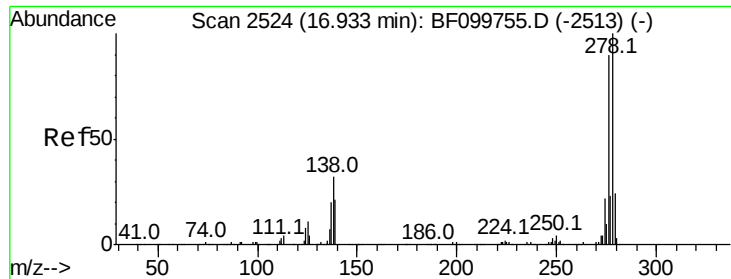
Delta R.T. -0.01 min

Lab File: BF099962.D

Acq: 30 Oct 2017 16:27

Tgt Ion:	228	Resp:	27995
Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	23.9	16.2	24.4





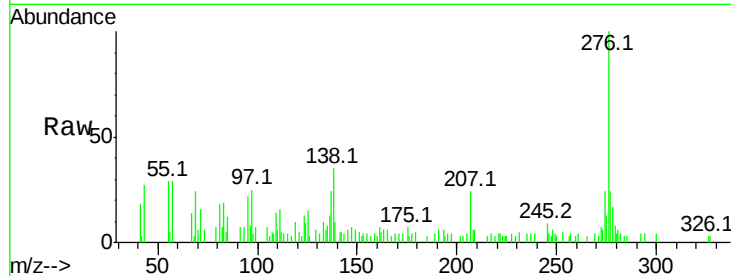
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.051 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF099962.D
Acq: 30 Oct 2017 16:27

Instrument :
BNA_F
ClientSampleId :
CL-01-102617-B

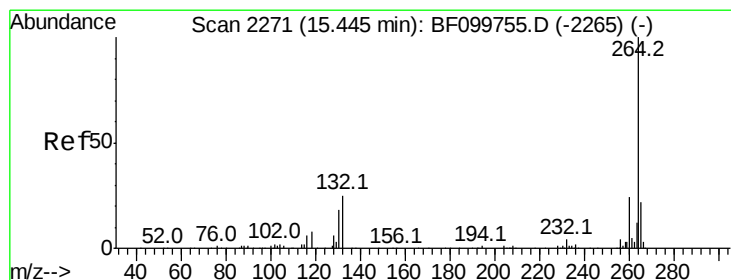
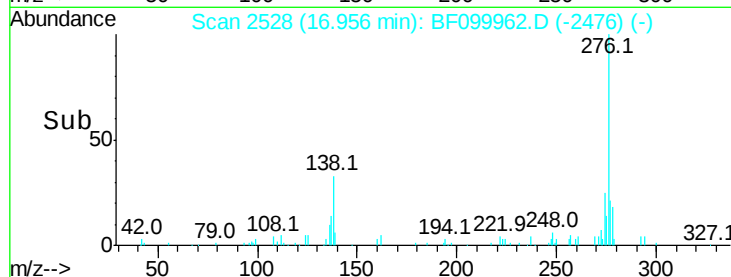
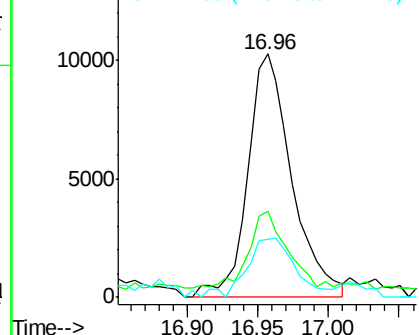
Tot Ion	Ratio	Resp	Lower	Upper
276	100	22515		
138	27.5	25.0	37.6	
277	27.2	20.1	30.1	

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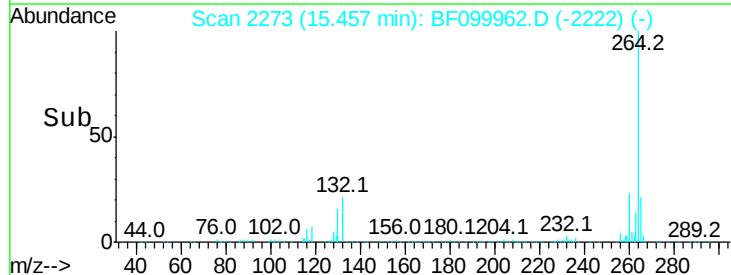
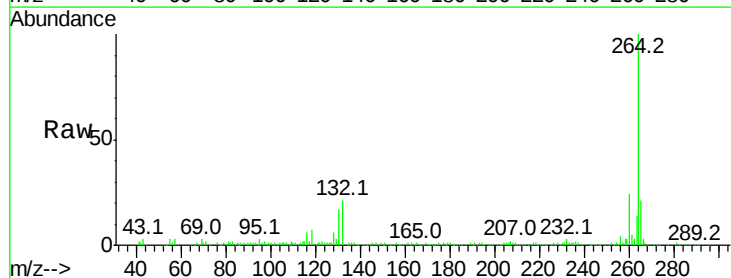
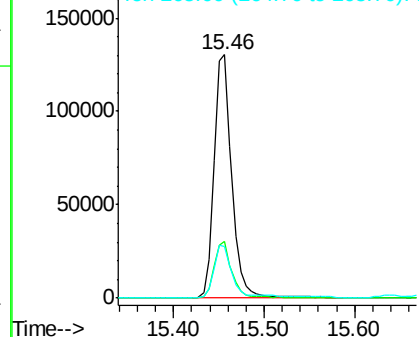
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

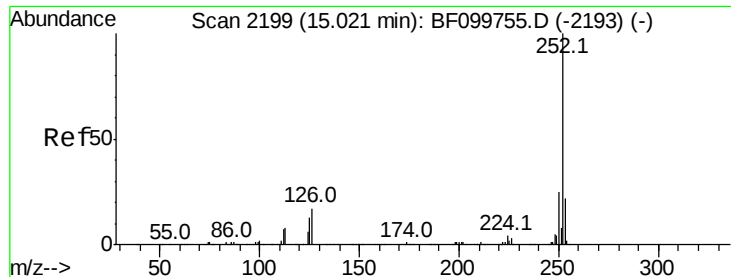


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF099962.D
Acq: 30 Oct 2017 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	178692		
260	23.6	19.2	28.8	
265	21.3	17.5	26.3	

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.467 ng m

RT: 15.03 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BF099962.D

Acq: 30 Oct 2017 16:27

Instrument :

BNA_F

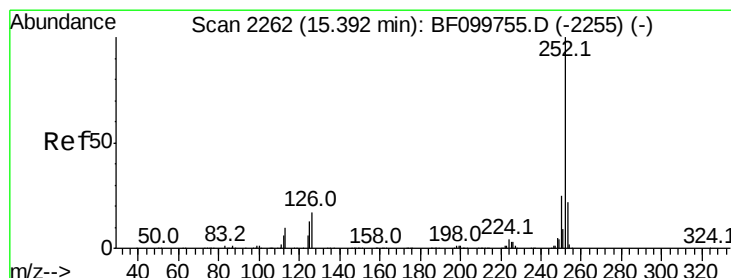
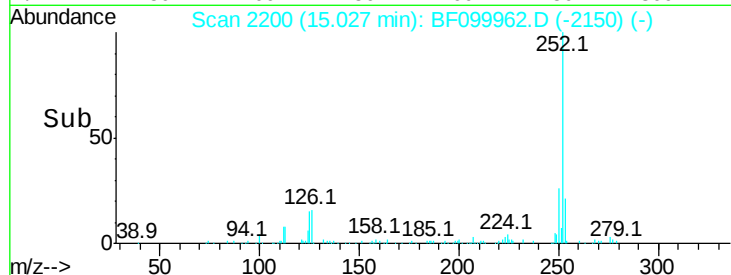
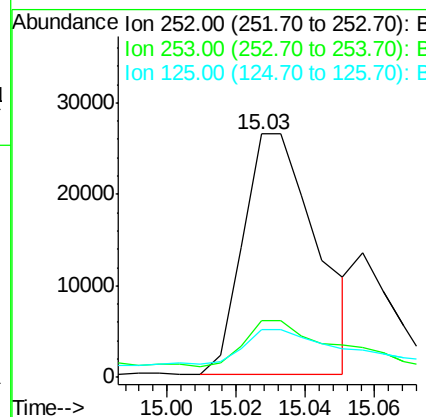
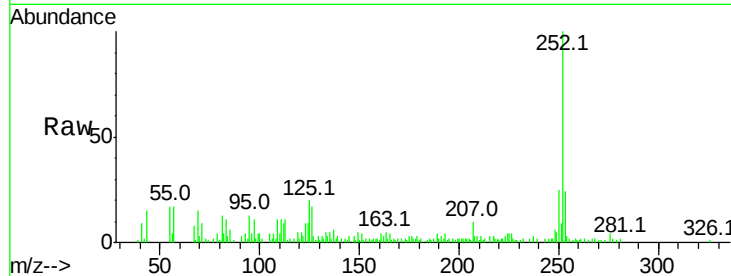
ClientSampled :

CL-01-102617-B

Tot Ion:	252	Resp:	39115
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.0	25.6
125	19.8	9.0	13.6#

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#89

Benzo(a)pyrene

Concen: 3.019 ng

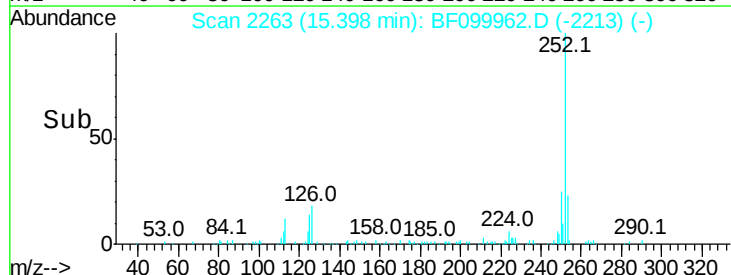
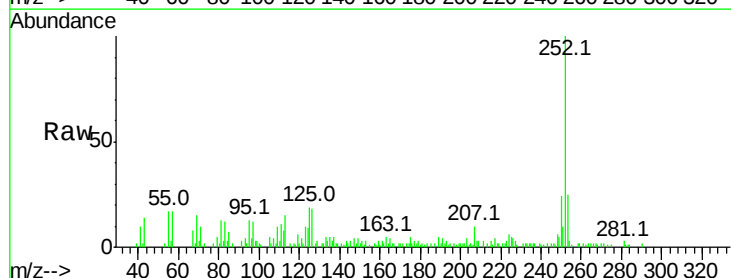
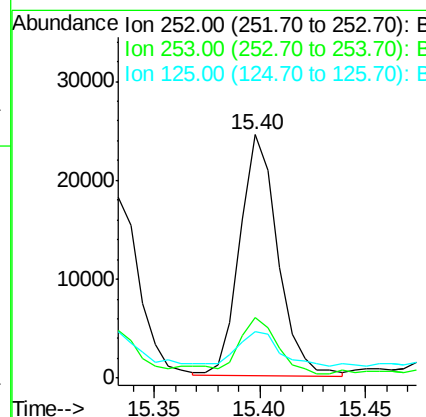
RT: 15.40 min Scan# 2263

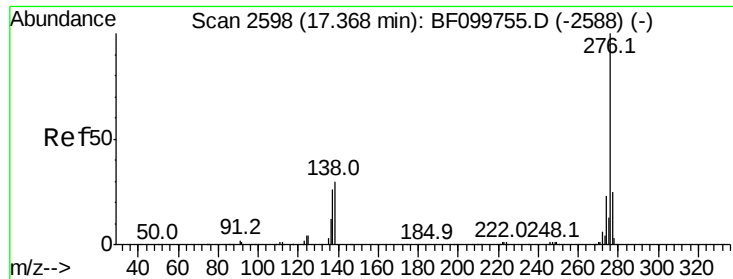
Delta R.T. -0.01 min

Lab File: BF099962.D

Acq: 30 Oct 2017 16:27

Tgt Ion:	252	Resp:	30598
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.1	25.7
125	19.3	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 2.604 ng
 RT: 17.41 min Scan# 2605
 Delta R.T. 0.01 min
 Lab File: BF099962.D
 Acq: 30 Oct 2017 16:27

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102617-B

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.2	17.9	26.9#
138	27.7	21.8	32.8

Manual Integrations
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