

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099919.D
 Acq On : 28 Oct 2017 16:07
 Operator : SJ/JU
 Sample : I6077-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL-PILE-1-COMP-1

Manual Integrations
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Quant Time: Oct 30 02:57:34 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	91168	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	381851	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	170245	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	269051	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	160128	20.00	ng	-0.03
86) Perylene-d12	15.43	264	171067	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	597585	102.91	ng	0.00
7) Phenol-d6	6.43	99	717532	104.21	ng	0.00
23) Nitrobenzene-d5	7.36	82	413642	69.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	130842	84.33	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	742694	67.31	ng	-0.02
78) Terphenyl-d14	12.90	244	475344	64.87	ng	-0.02
Target Compounds						
10) Phenol	6.45	94	17322	2.291	ng	85
49) Dimethylphthalate	9.54	163	110898	8.226	ng	98
70) Phenanthrene	11.34	178	70805	4.663	ng	98
74) Fluoranthene	12.53	202	104745	6.638	ng	96
77) Pyrene	12.76	202	95968	7.882	ng	98
80) Benzo(a)anthracene	13.95	228	40500	3.990	ng	95
82) Chrysene	13.99	228	38638	4.049	ng	98
85) Indeno(1,2,3-cd)pyrene	16.91	276	24375	2.782	ng	98
87) Benzo(b)fluoranthene	15.00	252	49359m	4.569	ng	
89) Benzo(a)pyrene	15.37	252	35150	3.622	ng	98
91) Benzo(g,h,i)perylene	17.36	276	22769	2.699	ng	97

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

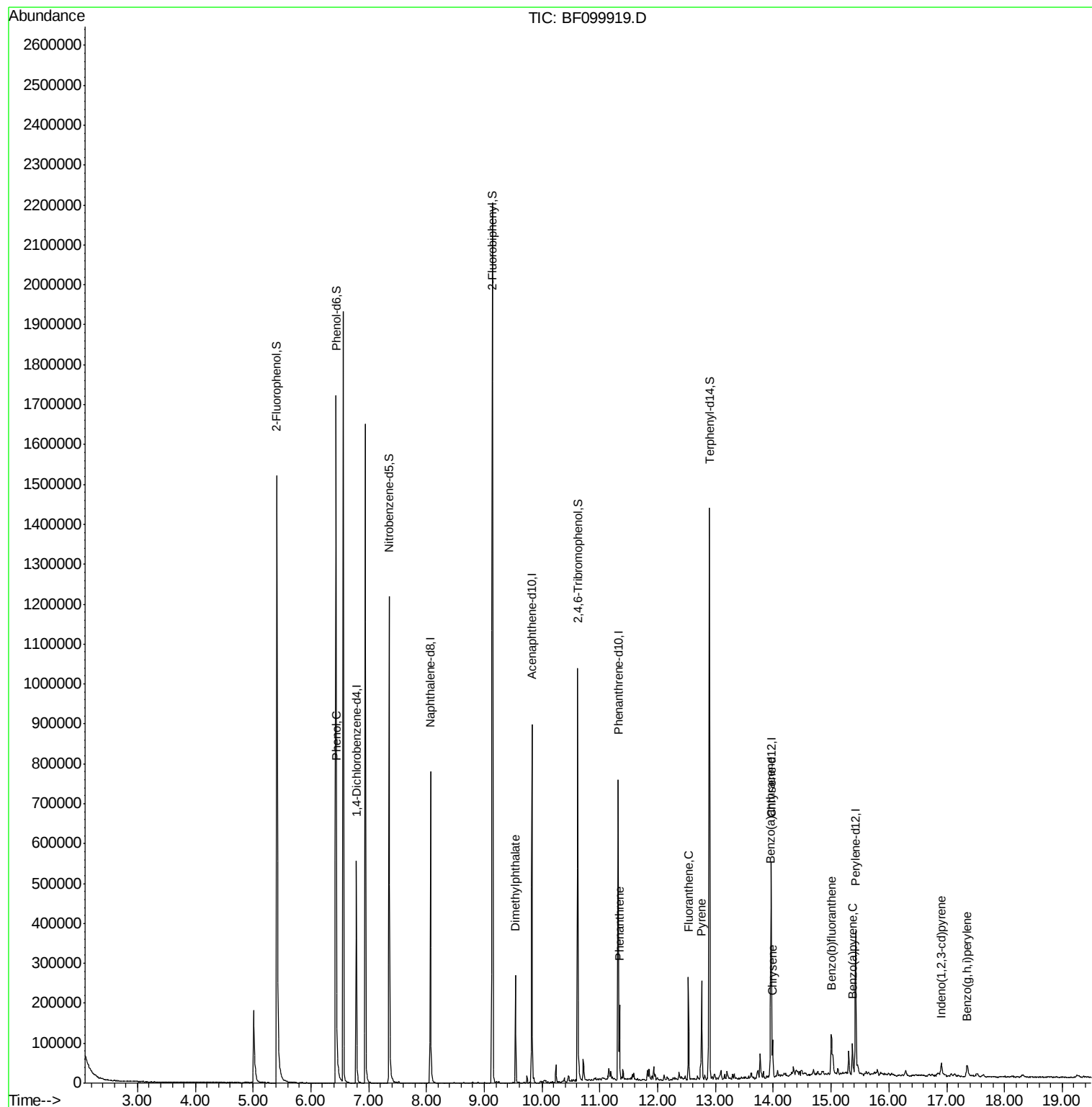
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099919.D
Acq On : 28 Oct 2017 16:07
Operator : SJ/JU
Sample : I6077-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

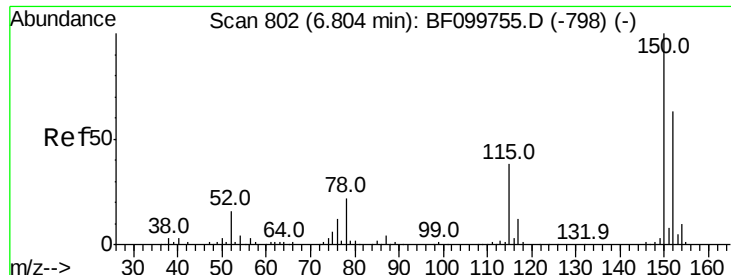
Instrument :
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ClientSampleId :
FILL-PILE-1-COMP-1

Manual Integrations
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Quant Time: Oct 30 02:57:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
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#1

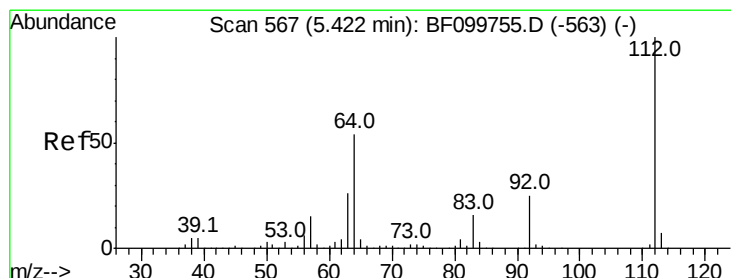
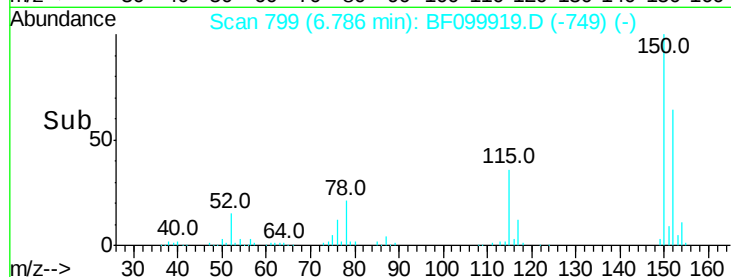
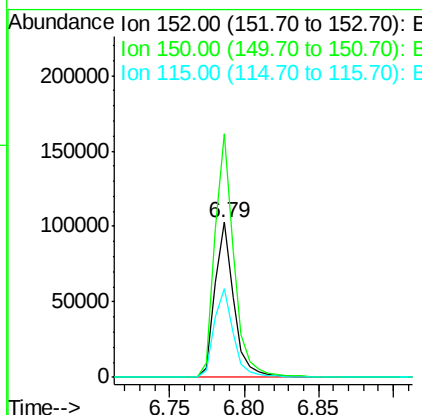
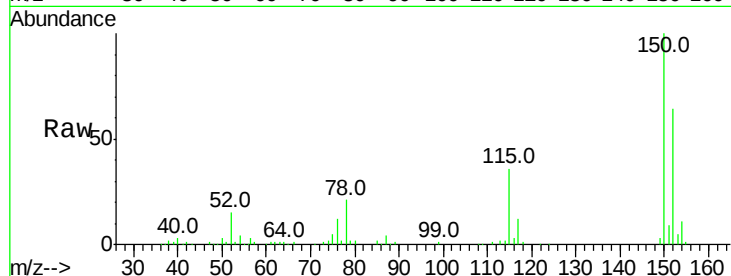
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099919.D
Acq: 28 Oct 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	57.1	50.1	75.1

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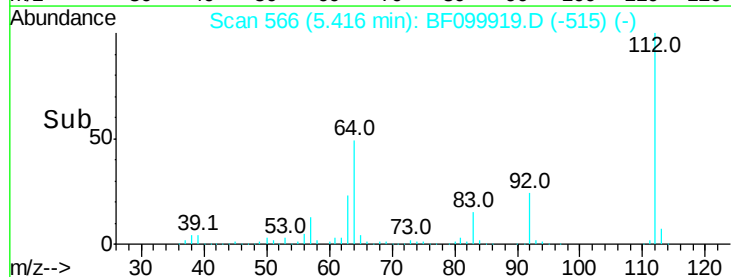
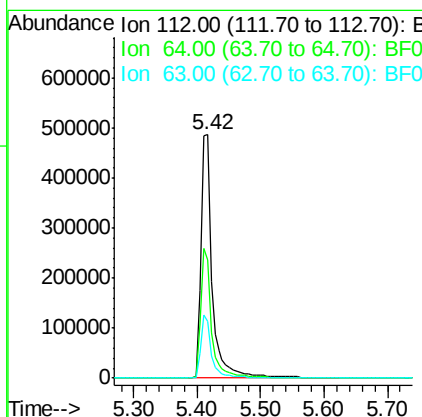
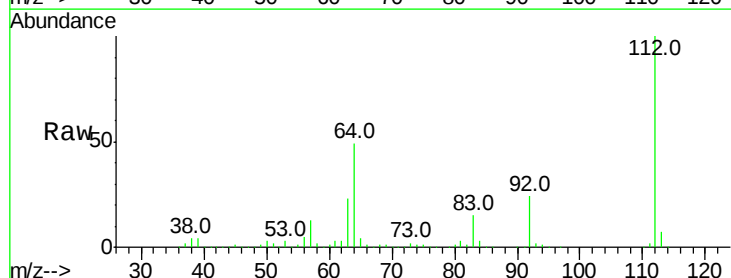
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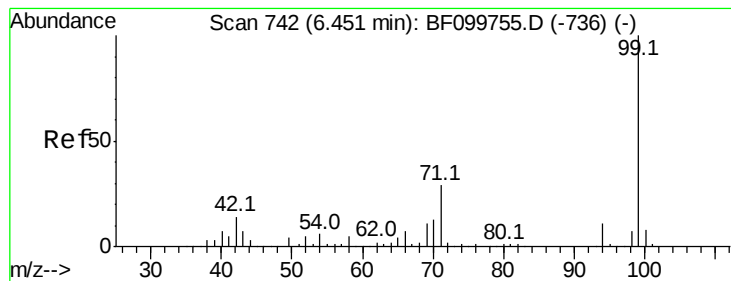


#5

2-Fluorophenol
Concen: 102.908 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF099919.D
Acq: 28 Oct 2017 16:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.6	47.9	71.9
63	23.1	23.7	35.5#





#7

Phenol-d6

Concen: 104.209 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099919.D

Acq: 28 Oct 2017 16:07

Instrument :

BNA_F

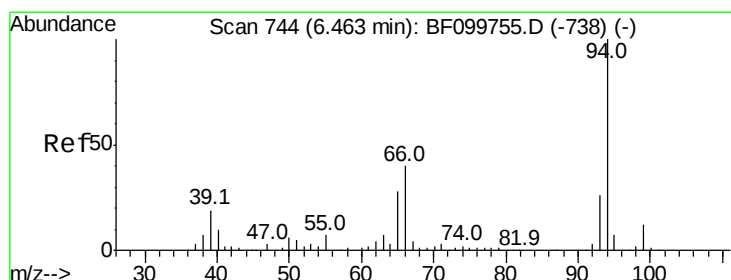
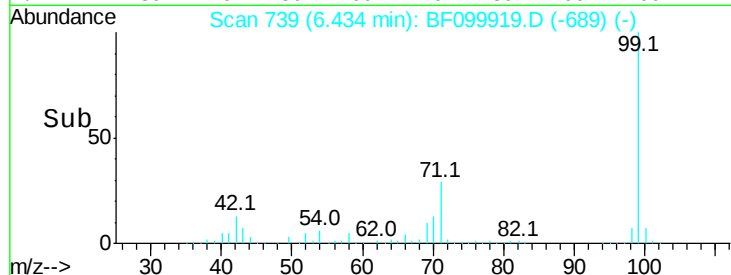
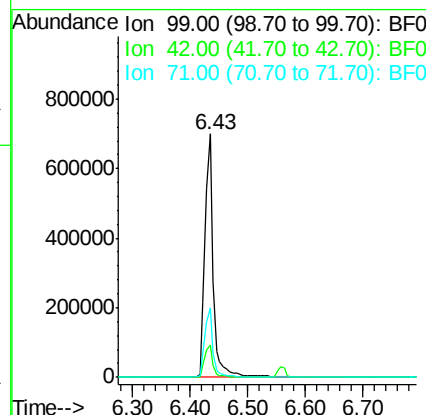
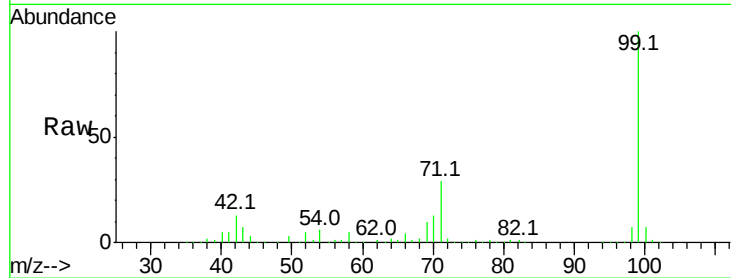
ClientSampleId :

FILL-PILE-1-COMP-1

Tot Ion	Ratio	Resp	Lower	Upper
99	100	717532		
42	13.2		14.5	21.7#
71	28.5		25.4	38.0

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#10

Phenol

Concen: 2.291 ng

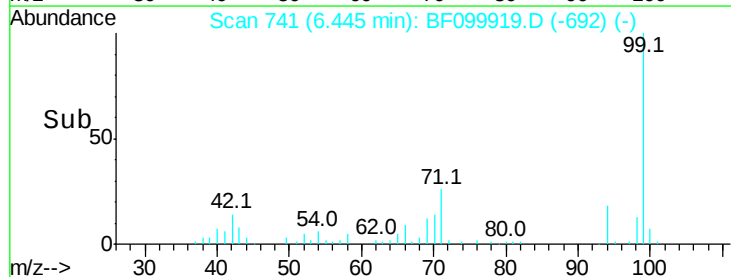
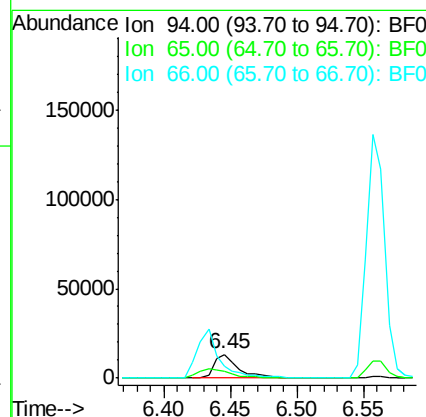
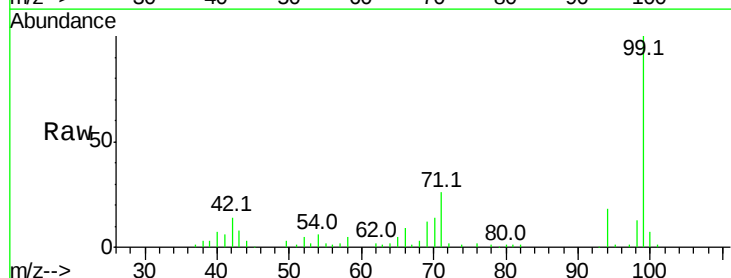
RT: 6.45 min Scan# 741

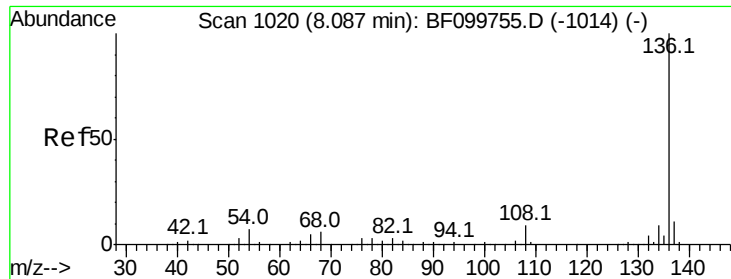
Delta R.T. -0.01 min

Lab File: BF099919.D

Acq: 28 Oct 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	17322		
65	27.1		7.9	47.9
66	51.6		16.2	56.2





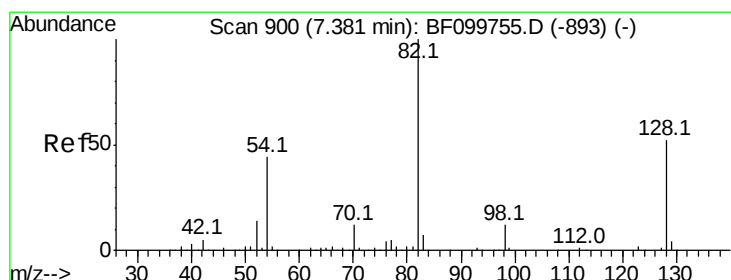
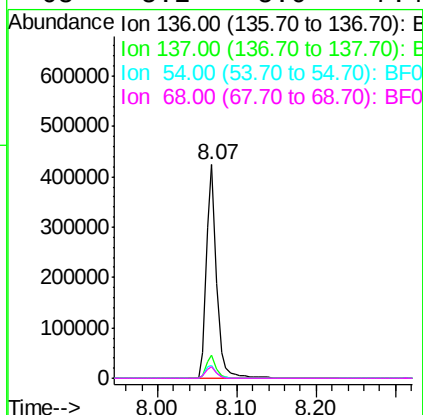
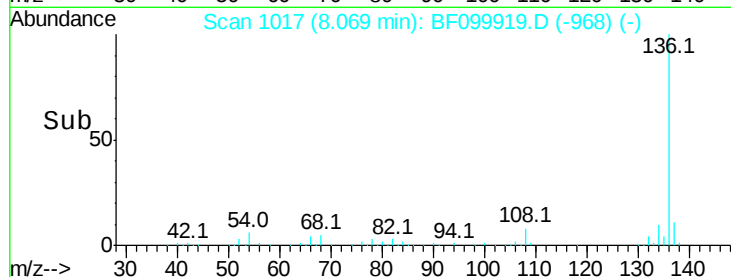
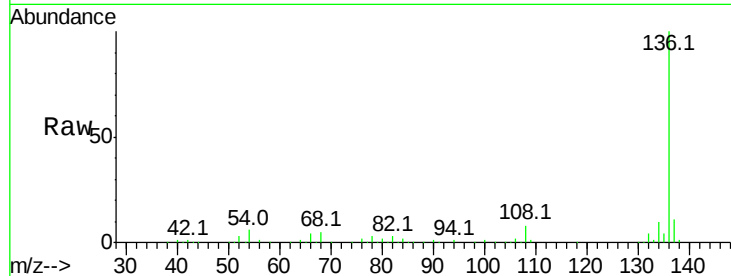
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099919.D
Acq: 28 Oct 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.0	6.6	9.8
68	5.2	5.0	7.4

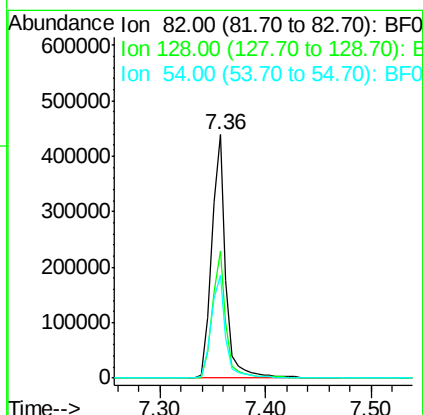
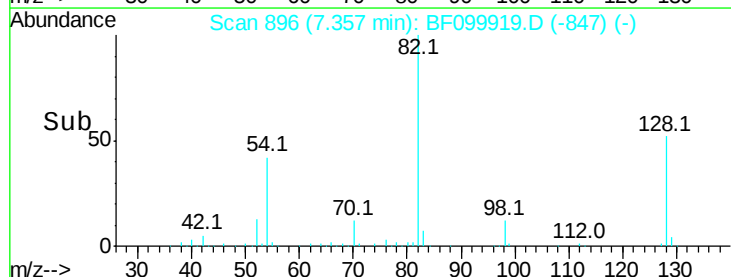
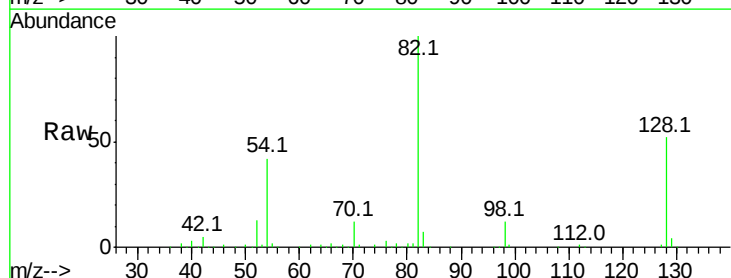
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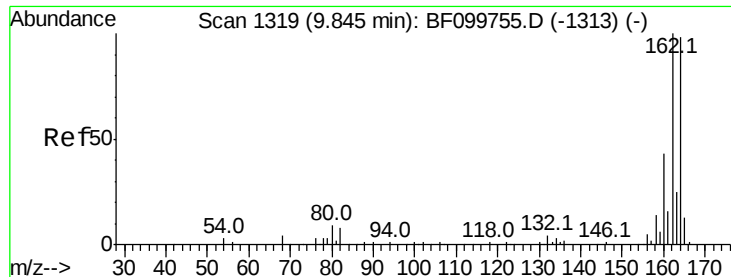
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#23
Nitrobenzene-d5
Concen: 69.740 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099919.D
Acq: 28 Oct 2017 16:07

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	52.2	36.1	54.1
54	42.4	41.4	62.2





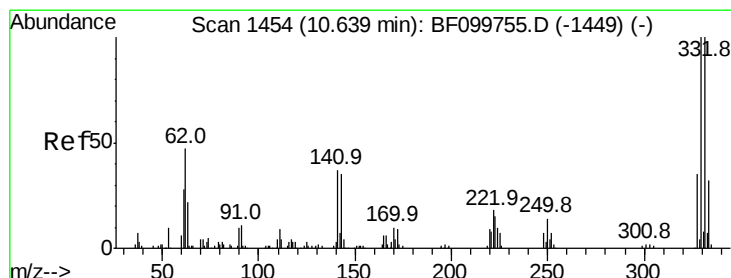
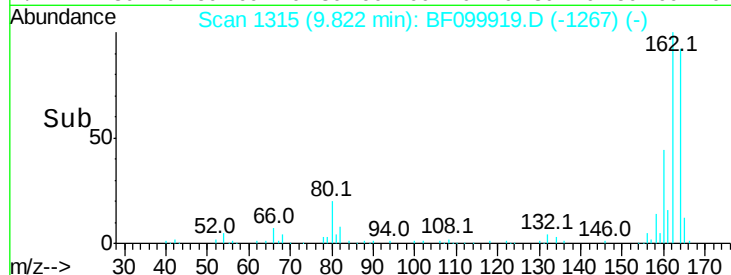
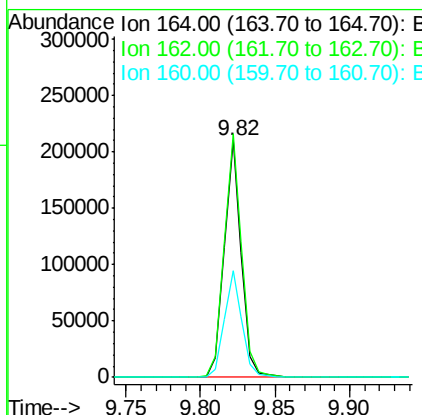
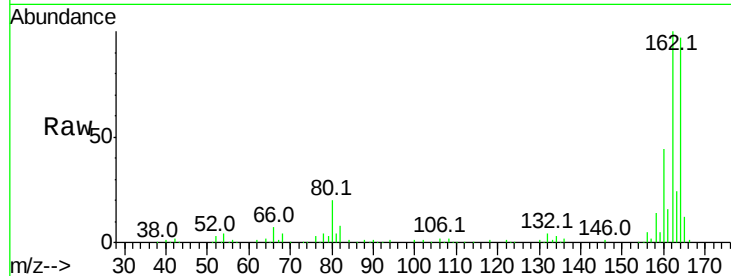
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099919.D
Acq: 28 Oct 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	45.0	38.3	57.5

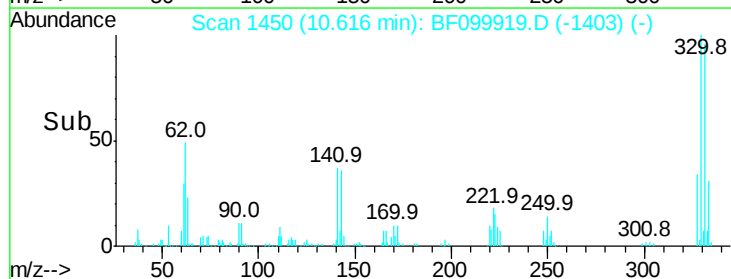
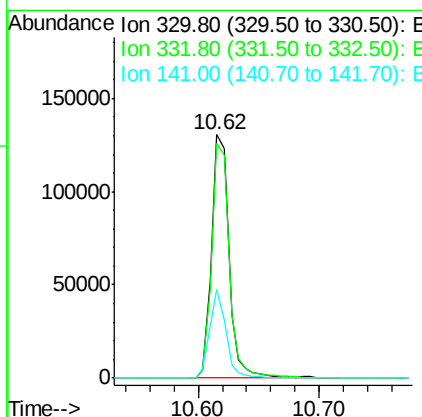
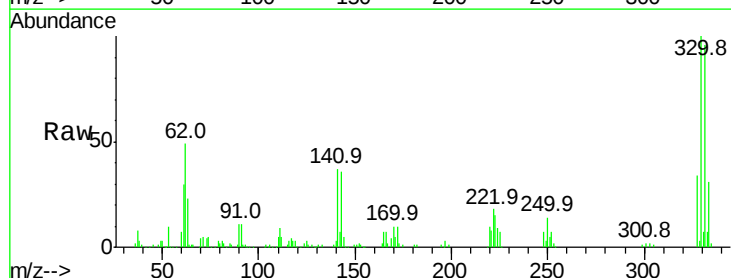
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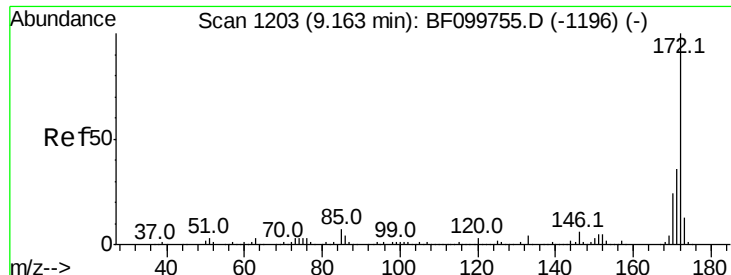
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#41
2,4,6-Tribromophenol
Concen: 84.334 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF099919.D
Acq: 28 Oct 2017 16:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	34.2	29.9	44.9





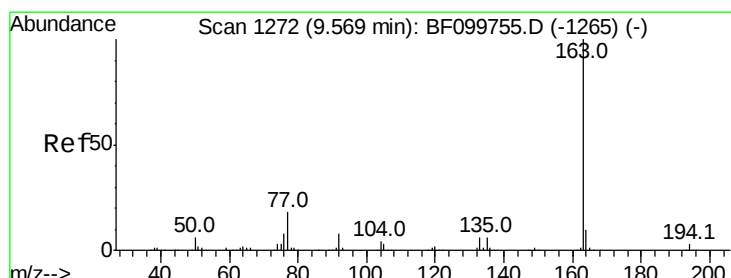
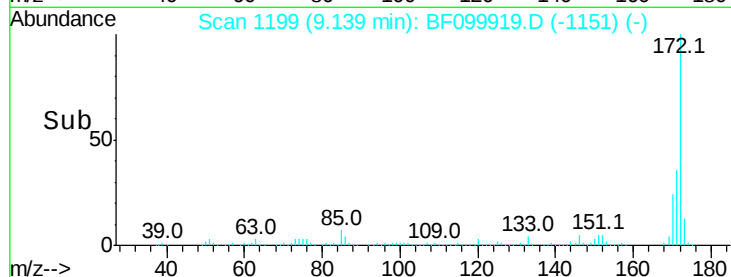
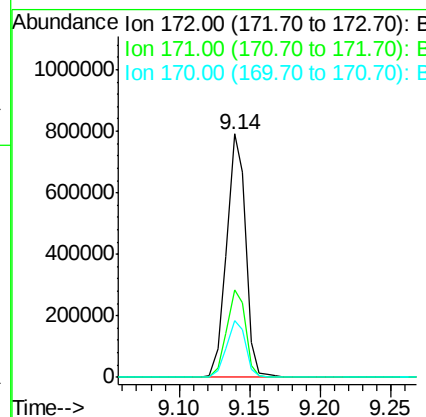
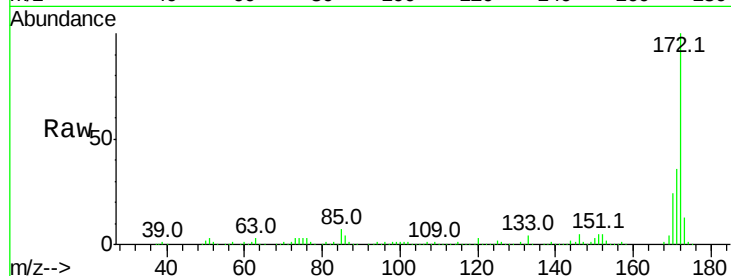
#44
2-Fluorobiphenyl
Concen: 67.306 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF099919.D
Acq: 28 Oct 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.5	19.6	29.4

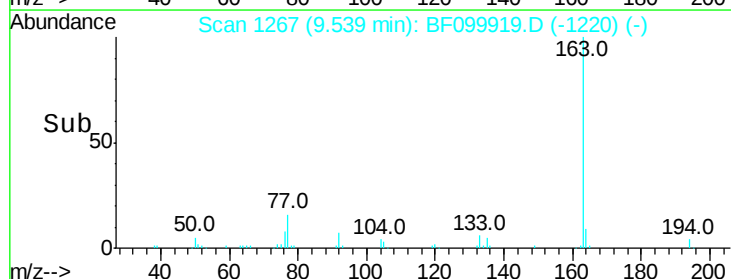
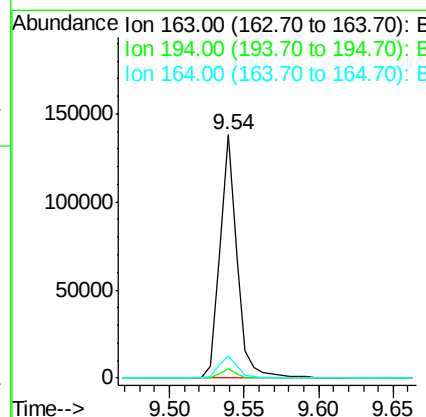
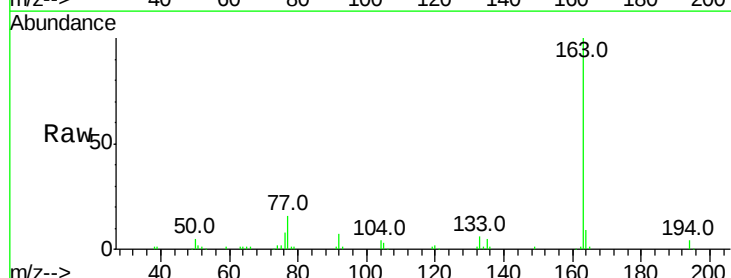
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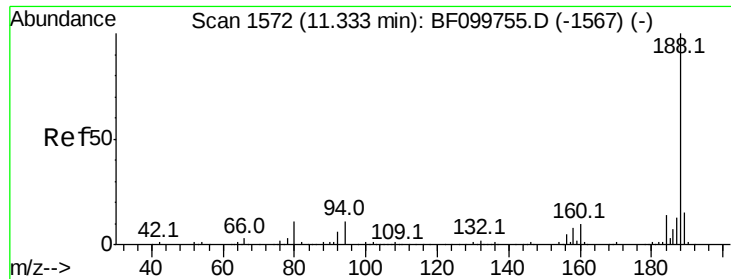
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#49
Dimethylphthalate
Concen: 8.226 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099919.D
Acq: 28 Oct 2017 16:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.2	8.2	12.2





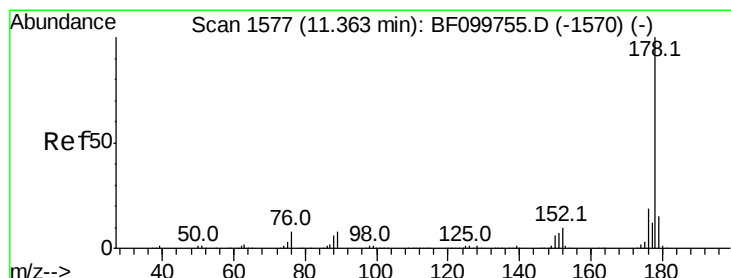
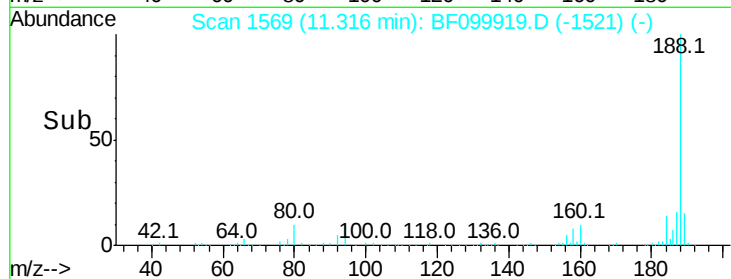
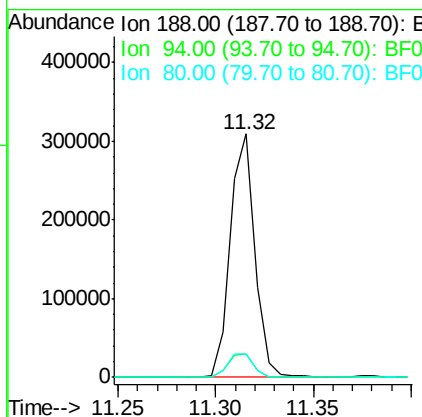
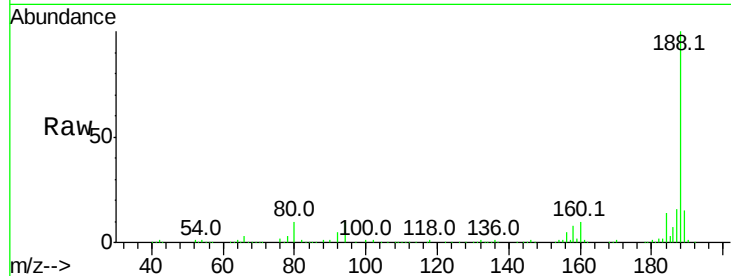
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099919.D
Acq: 28 Oct 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1

Tot Ion:	188	Resp:	269051
Ion Ratio	Lower	Upper	
188	100		
94	9.7	8.5	12.7
80	9.6	9.2	13.8

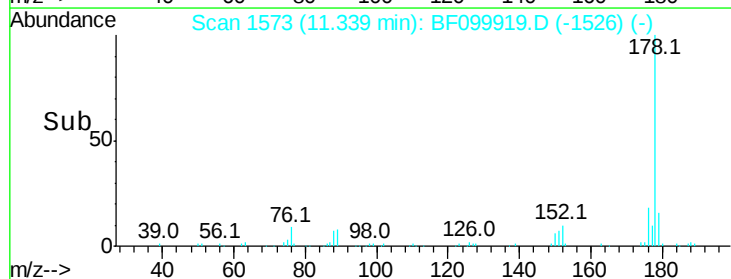
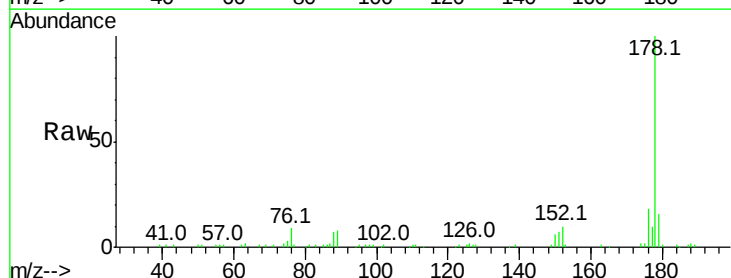
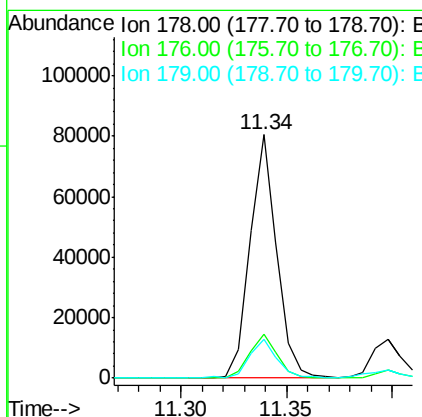
Manual Integrations
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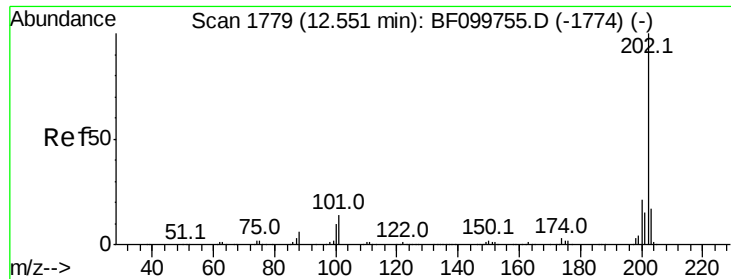
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#70
Phenanthrene
Concen: 4.663 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.02 min
Lab File: BF099919.D
Acq: 28 Oct 2017 16:07

Tgt Ion:	178	Resp:	70805
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.8	23.8
179	16.1	13.0	19.6





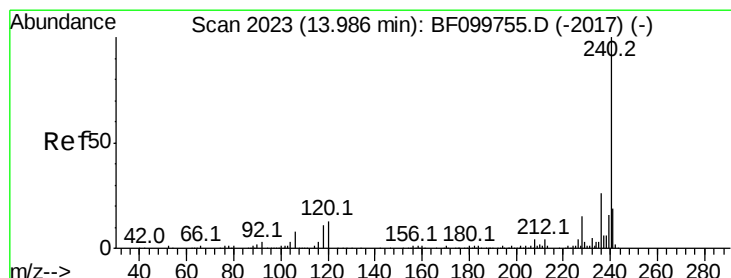
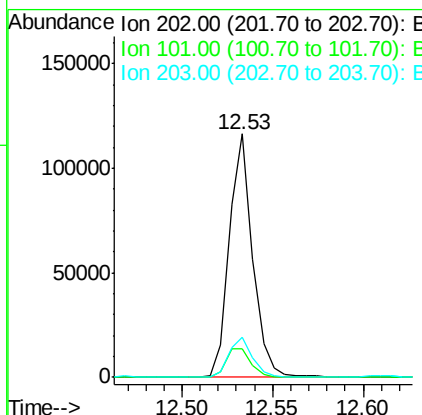
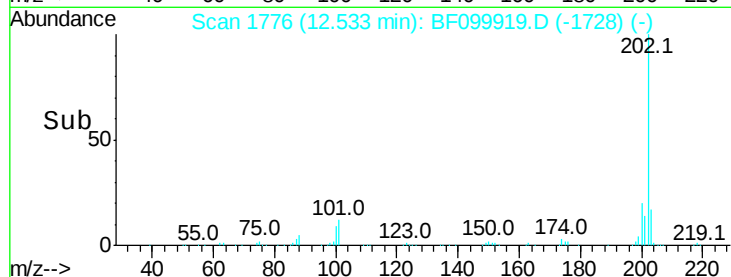
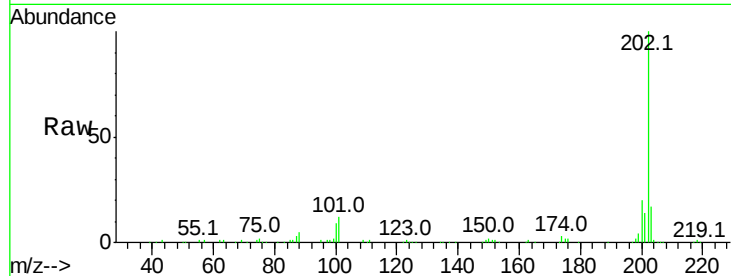
#74
Fluoranthene
Concen: 6.638 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BF099919.D
Acq: 28 Oct 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	0.0	34.1
203	16.6	0.0	38.1

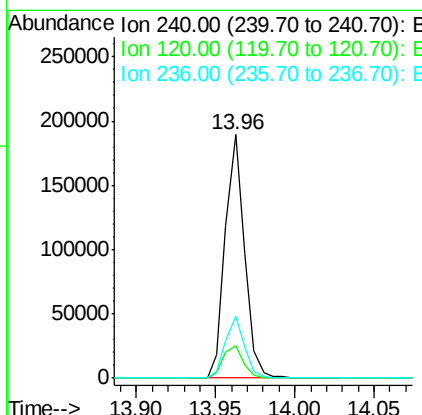
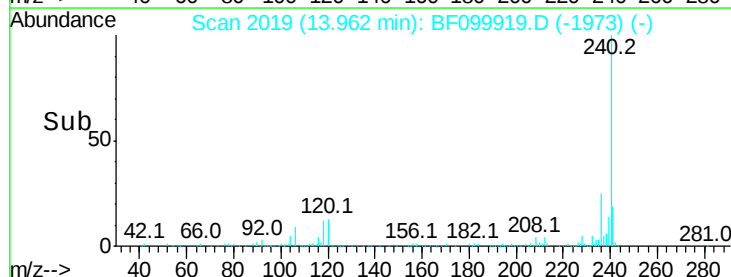
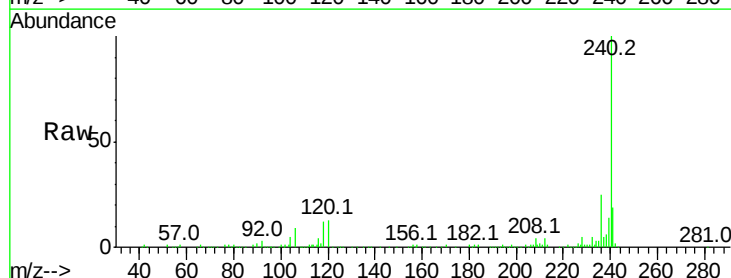
Manual Integrations
APPROVED

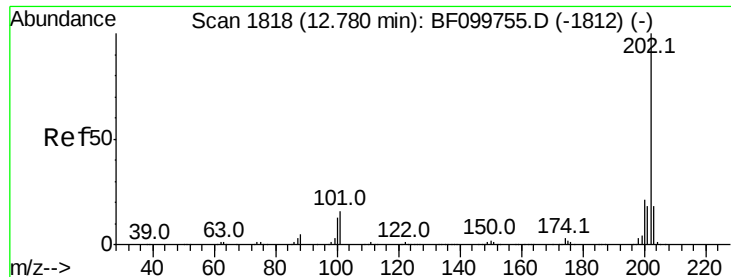
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF099919.D
Acq: 28 Oct 2017 16:07

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.5	9.5	14.3
236	25.3	20.7	31.1





#77

Pvrene

Concen: 7.882 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.02 min

Lab File: BF099919.D

Acq: 28 Oct 2017 16:07

Instrument :

BNA_F

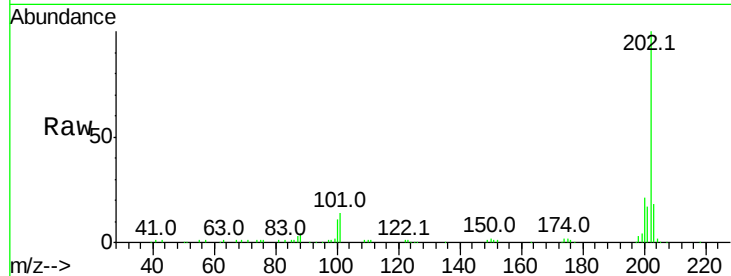
ClientSampleId :

FILL-PILE-1-COMP-1

Tot Ion:	202	Resp:	95968
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.4	26.2
203	17.6	14.3	21.5

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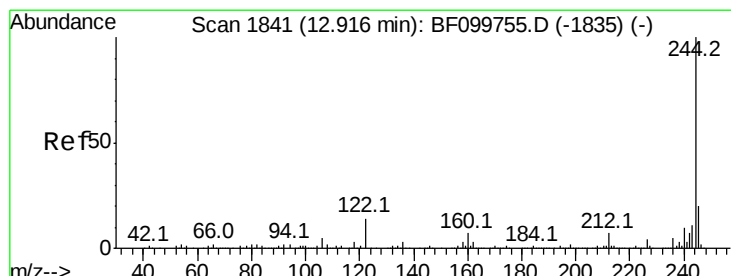
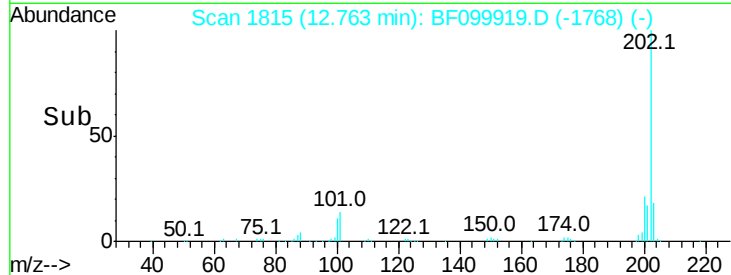
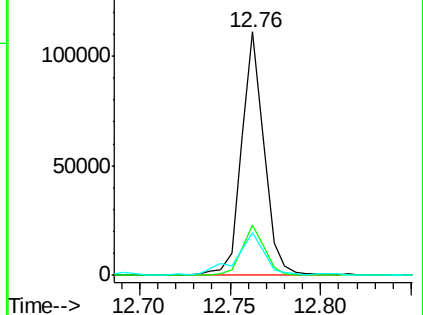
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 64.873 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF099919.D

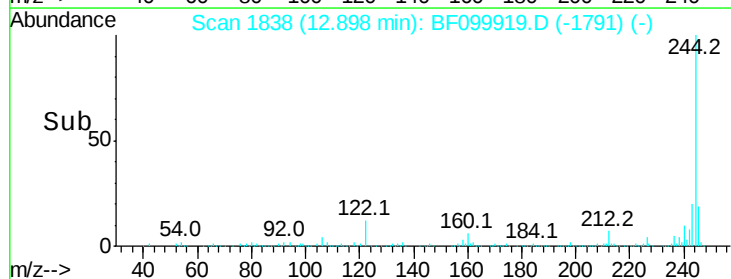
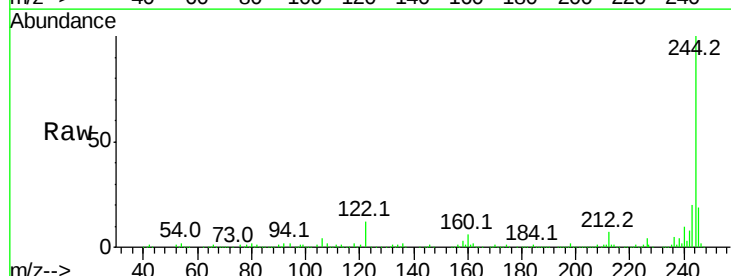
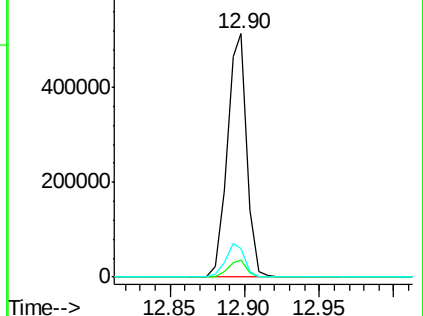
Acq: 28 Oct 2017 16:07

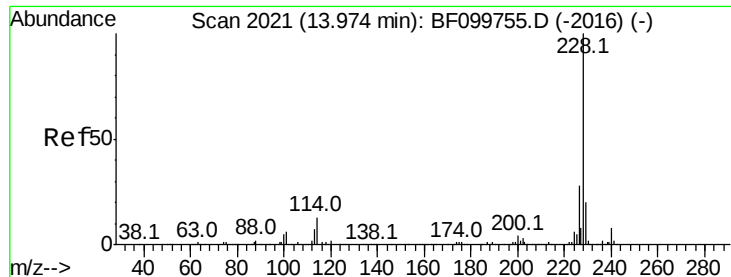
Tgt Ion:	244	Resp:	475344
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	11.8	11.0	16.4

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





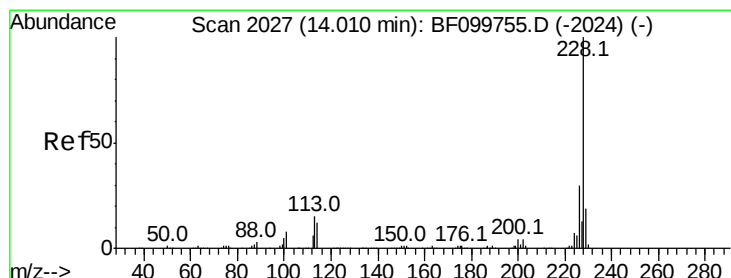
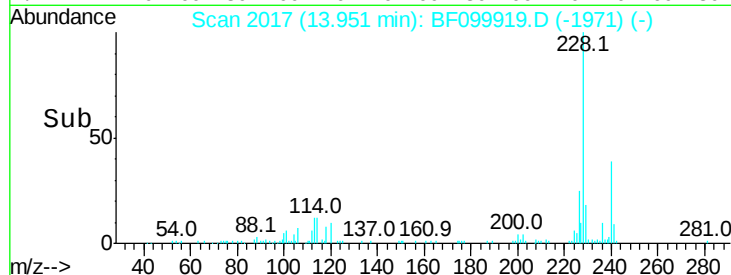
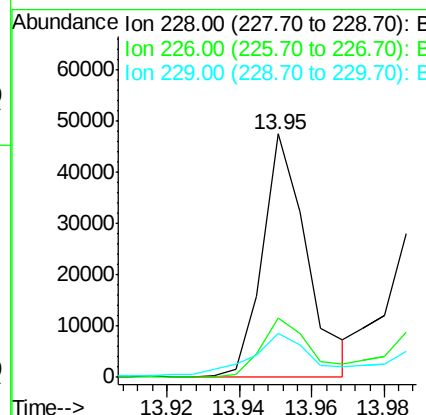
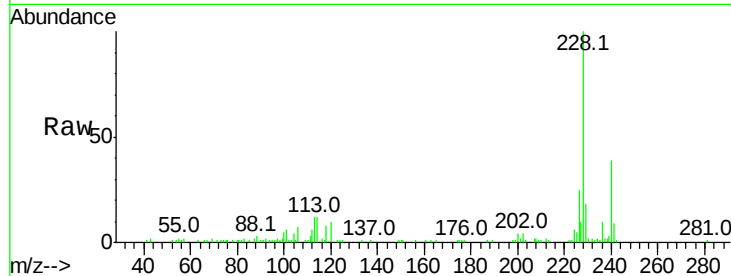
#80
Benzo(a)anthracene
Concen: 3.990 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.03 min
Lab File: BF099919.D
Acq: 28 Oct 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	24.5	22.6	33.8
229	18.2	15.8	23.6

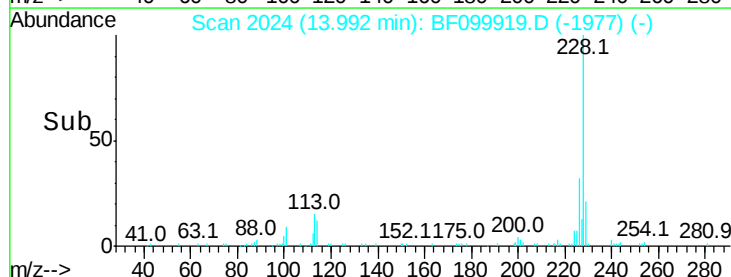
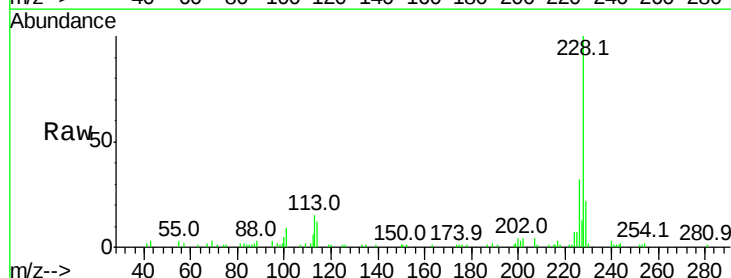
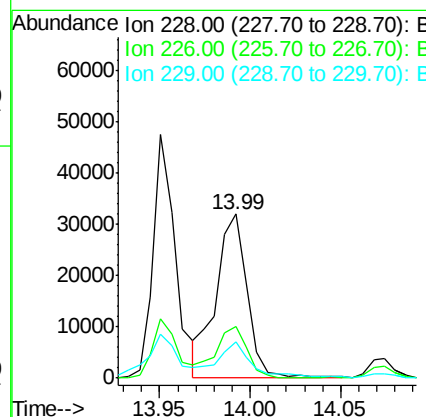
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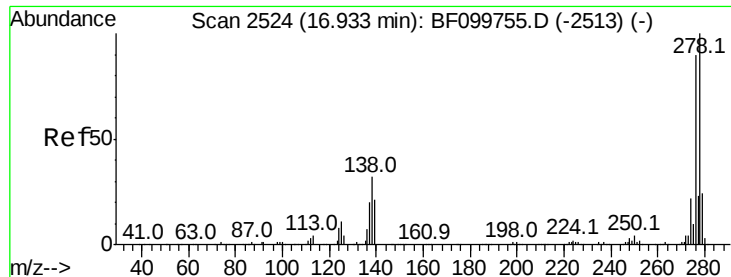
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#82
Chrysene
Concen: 4.049 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF099919.D
Acq: 28 Oct 2017 16:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	22.1	16.2	24.4





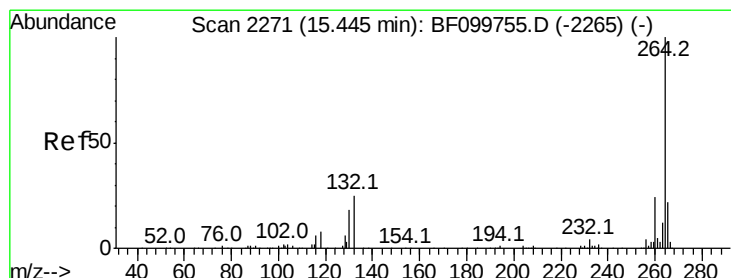
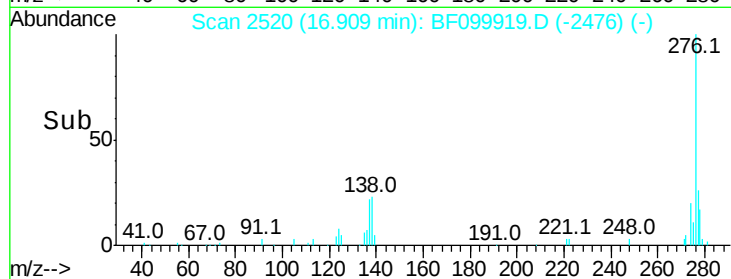
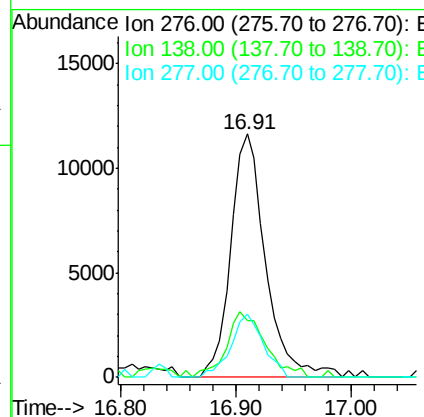
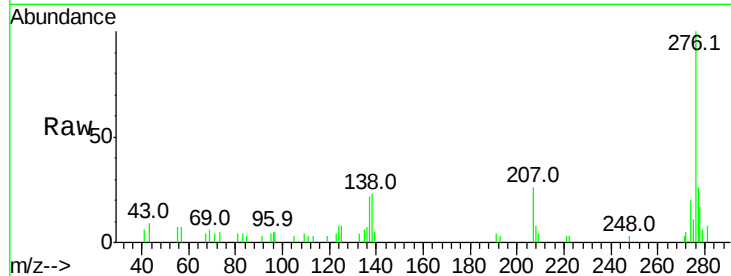
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.782 ng
 RT: 16.91 min Scan# 2520
 Delta R.T. -0.04 min
 Lab File: BF099919.D
 Acq: 28 Oct 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 FILL-PILE-1-COMP-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.0	37.6
277	24.0	20.1	30.1

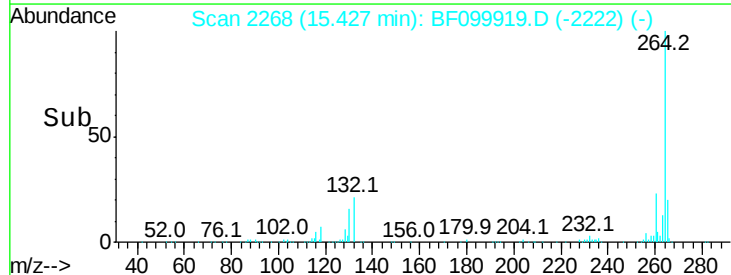
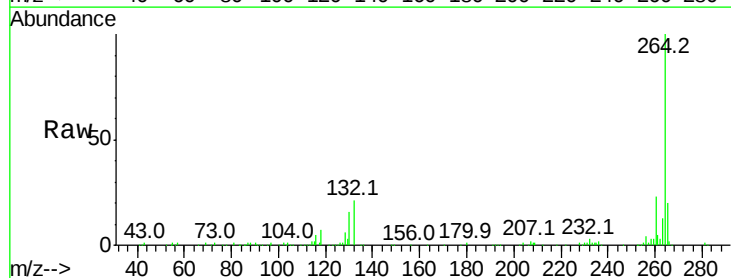
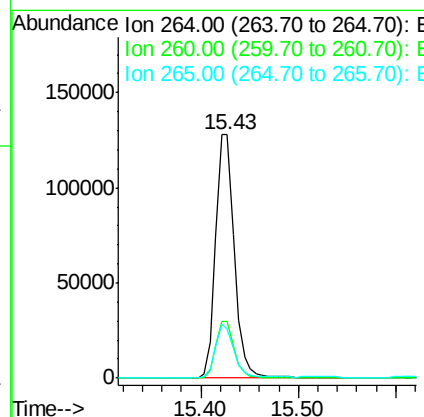
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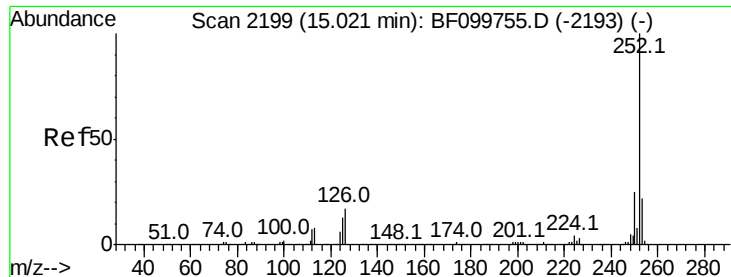
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.03 min
 Lab File: BF099919.D
 Acq: 28 Oct 2017 16:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.1	17.5	26.3





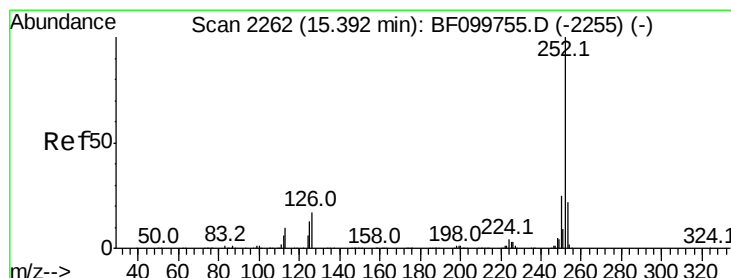
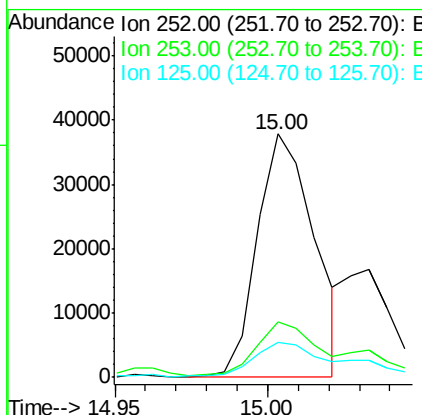
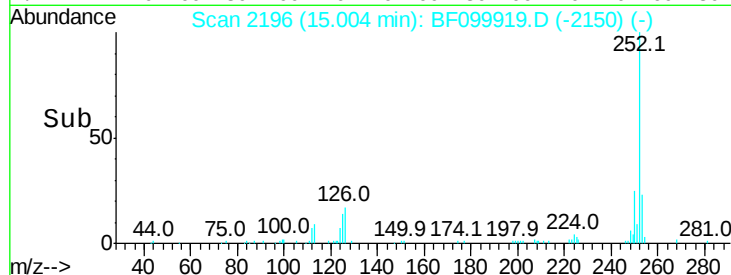
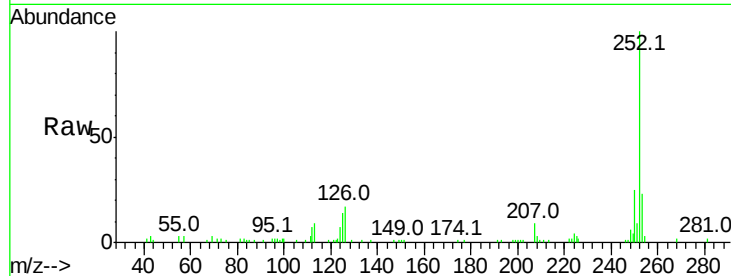
#87
Benzo(b)fluoranthene
Concen: 4.569 ng m
RT: 15.00 min Scan# 2196
Delta R.T. -0.03 min
Lab File: BF099919.D
Acq: 28 Oct 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	14.3	9.0	13.6

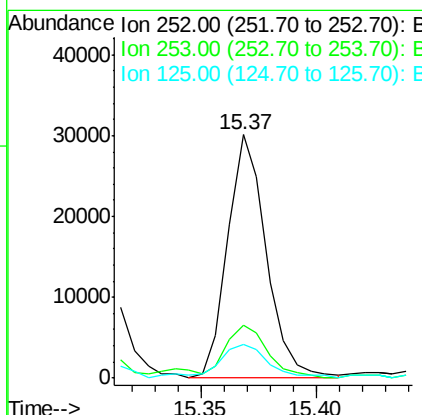
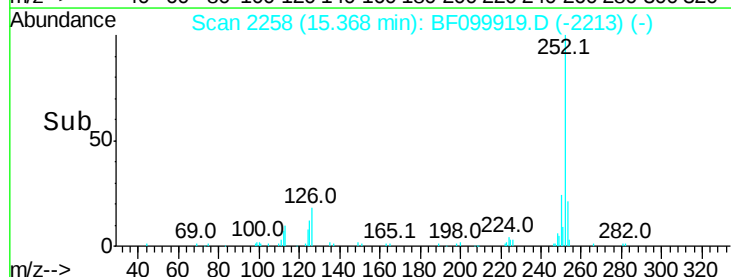
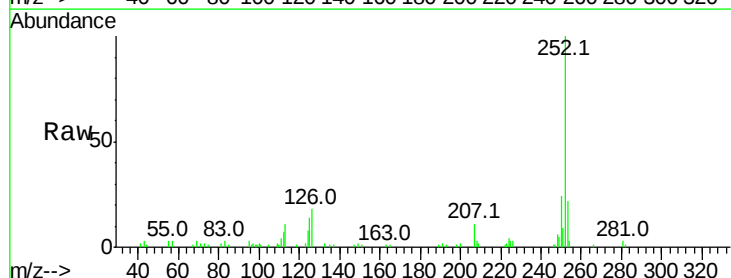
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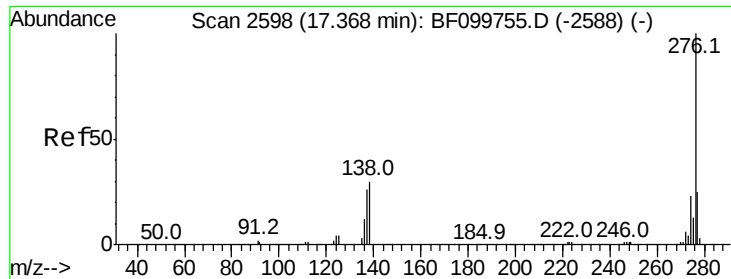
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#89
Benzo(a)pyrene
Concen: 3.622 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.04 min
Lab File: BF099919.D
Acq: 28 Oct 2017 16:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	13.6	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.699 ng
 RT: 17.36 min Scan# 2596
 Delta R.T. -0.04 min
 Lab File: BF099919.D
 Acq: 28 Oct 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 FILL-PILE-1-COMP-1

Tot Ion:	276	Resp:	22769
Ion Ratio	Lower	Upper	
276	100		
277	23.7	17.9	26.9
138	29.3	21.8	32.8

Manual Integrations
 APPROVED

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