

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101517\
 Data File : BF099520.D
 Acq On : 15 Oct 2017 18:17
 Operator : SJ/JU
 Sample : I5752-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-116-C(0-5)

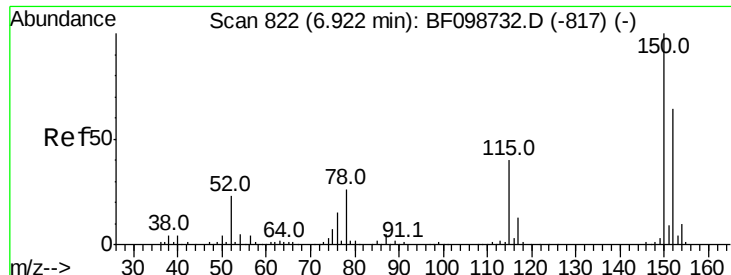
Manual Integrations
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 10/16/2017 7:45:36 PM

Quant Time: Oct 16 02:26:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	95831	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	381449	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	153388	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	220156	20.00	ng	0.00
75) Chrysene-d12	14.01	240	174816	20.00	ng	0.00
86) Perylene-d12	15.49	264	168315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	686218	113.99	ng	0.00
7) Phenol-d6	6.48	99	813063	109.49	ng	0.00
23) Nitrobenzene-d5	7.41	82	473799	79.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	128448	102.34	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	799530	87.02	ng	-0.01
78) Terphenyl-d14	12.95	244	499992	65.04	ng	0.00
Target Compounds						
10) Phenol	6.49	94	48543	5.845	ng	97
49) Dimethylphthalate	9.59	163	114343	9.877	ng	99
70) Phenanthrene	11.39	178	46762	3.968	ng	98
74) Fluoranthene	12.59	202	69811	5.850	ng	97
77) Pyrene	12.82	202	65221	4.893	ng	97
80) Benzo(a)anthracene	14.00	228	33565	3.171	ng	97
82) Chrysene	14.04	228	31332	3.109	ng	98
87) Benzo(b)fluoranthene	15.06	252	37545m	3.628	ng	
89) Benzo(a)pyrene	15.42	252	28650	3.016	ng	# 94

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



#1

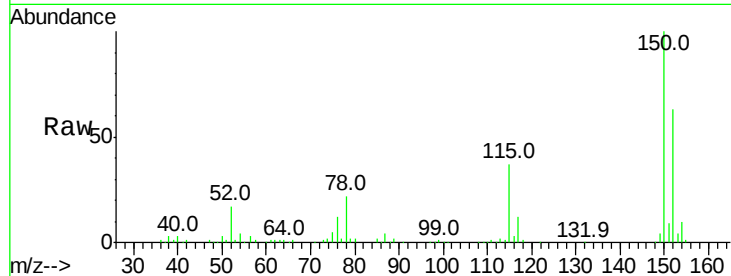
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099520.D
Acq: 15 Oct 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-116-C(0-5)

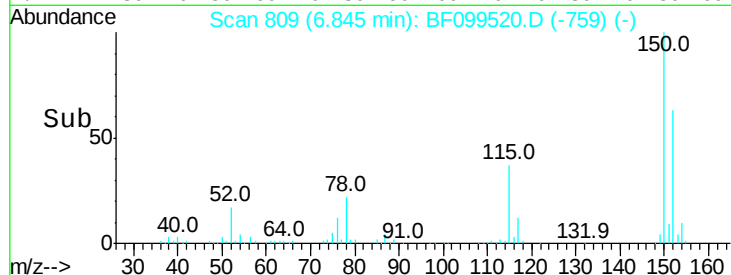
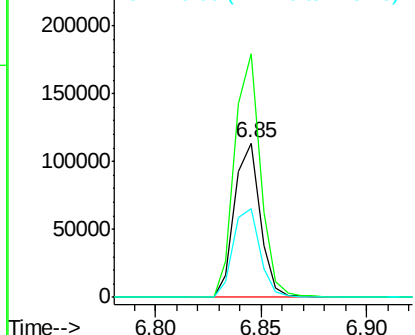
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	57.7	50.1	75.1

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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

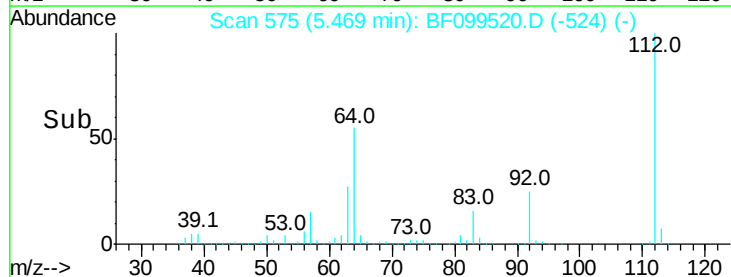
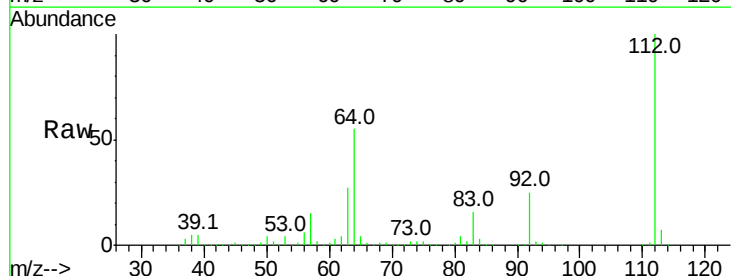
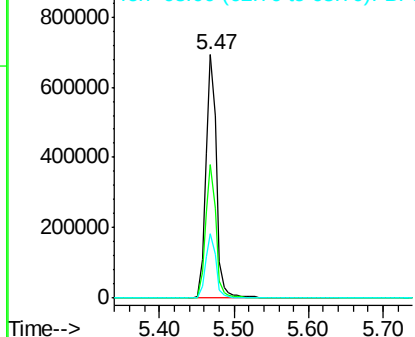


#5

2-Fluorophenol
Concen: 113.991 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF099520.D
Acq: 15 Oct 2017 18:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.9	71.9
63	26.5	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: 109.485 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099520.D

Acq: 15 Oct 2017 18:17

Instrument :

BNA_F

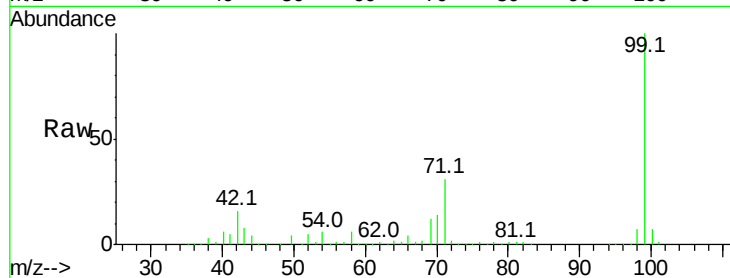
ClientSampleId :

TEST-PIT-116-C(0-5)

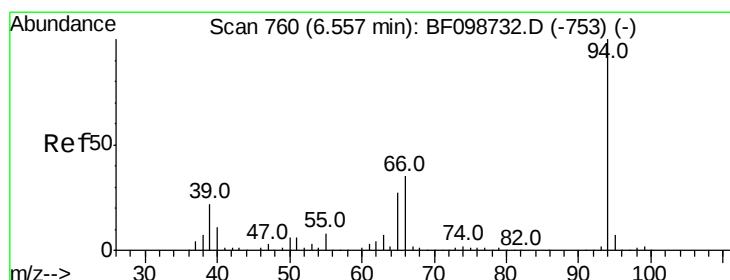
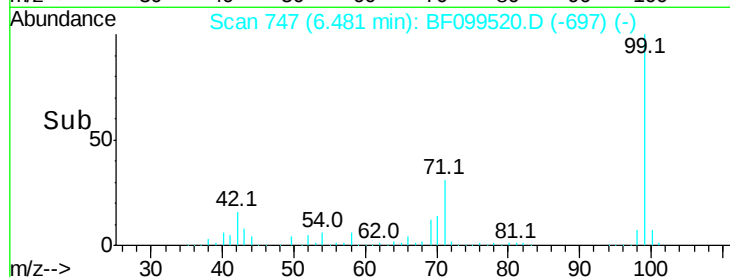
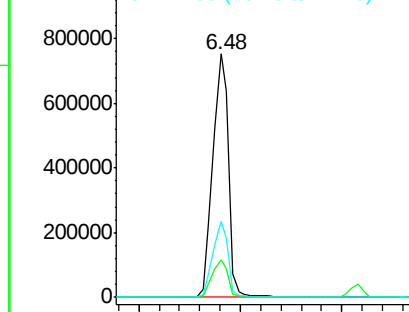
Tot Ion:	99	Resp:	813063
Ion Ratio	Lower	Upper	
99	100		
42	15.6	14.5	21.7
71	31.0	25.4	38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 5.845 ng

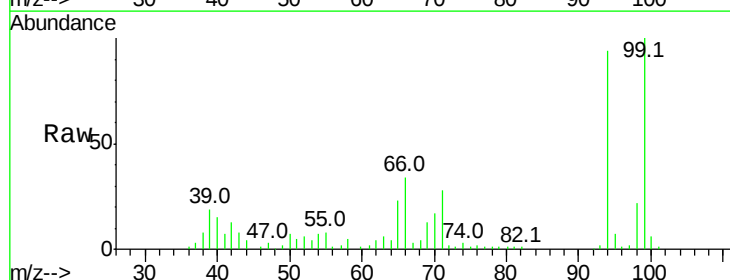
RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

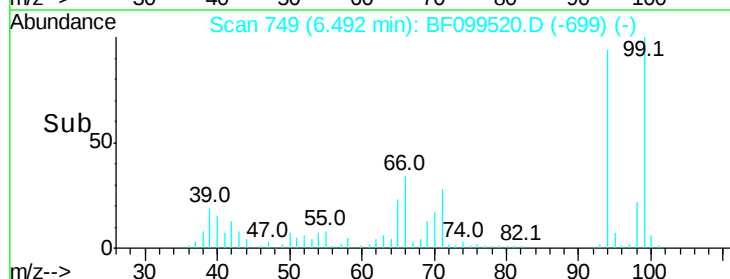
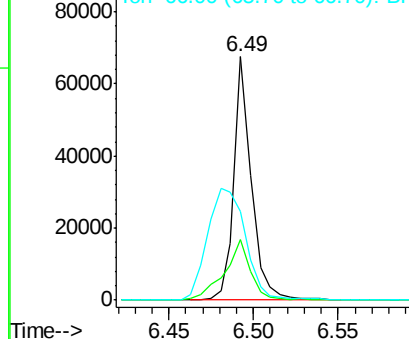
Lab File: BF099520.D

Acq: 15 Oct 2017 18:17

Tgt Ion:	94	Resp:	48543
Ion Ratio	Lower	Upper	
94	100		
65	24.9	7.9	47.9
66	36.4	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





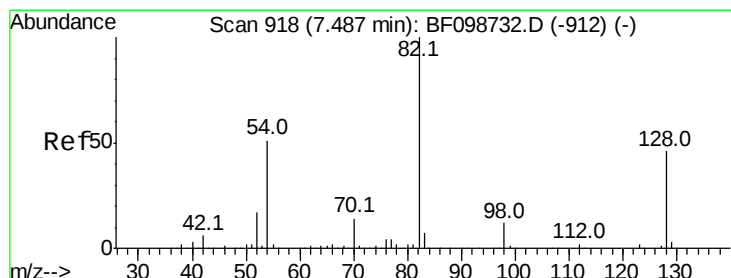
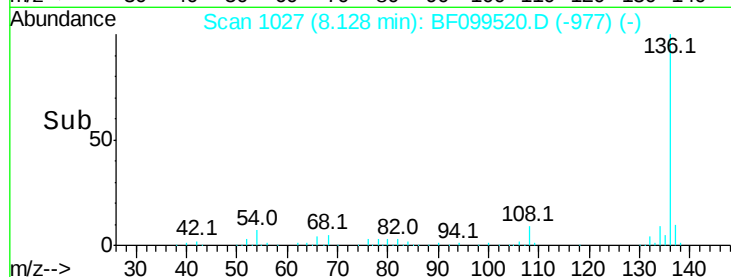
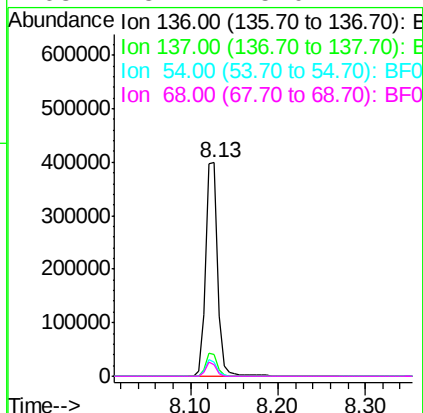
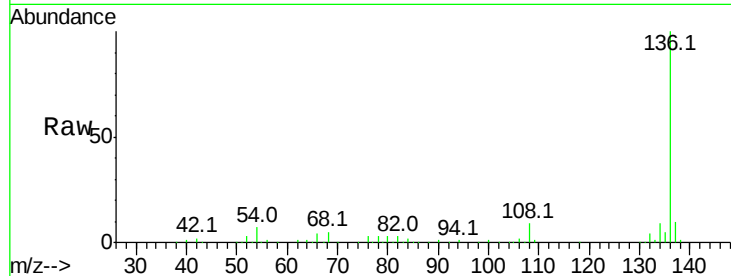
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099520.D
Acq: 15 Oct 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-116-C(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.2	8.9	13.3	
54	6.6	6.6	9.8	
68	5.1	5.0	7.4	

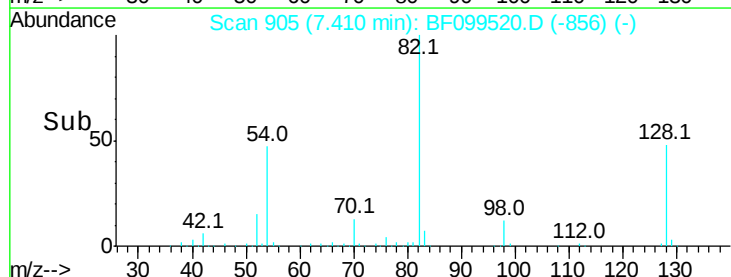
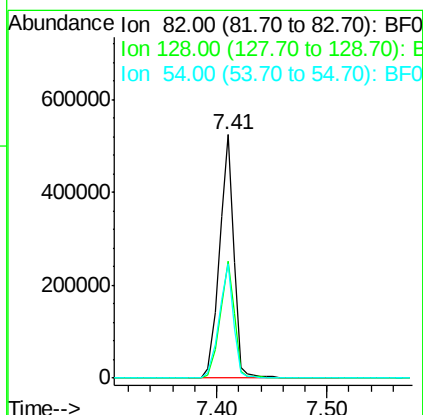
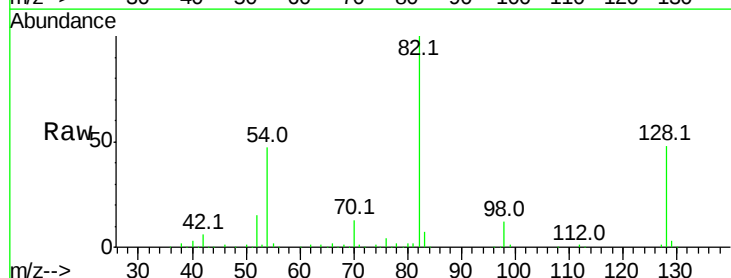
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#23
Nitrobenzene-d5
Concen: 79.656 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099520.D
Acq: 15 Oct 2017 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.8	36.1	54.1	
54	46.8	41.4	62.2	





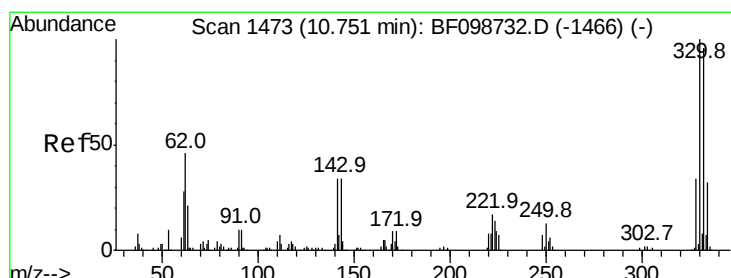
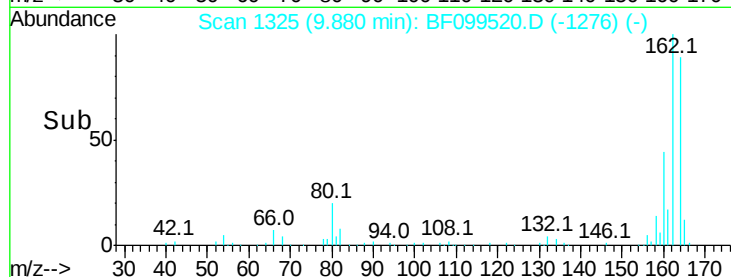
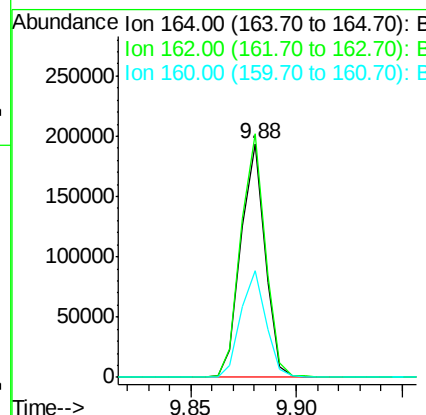
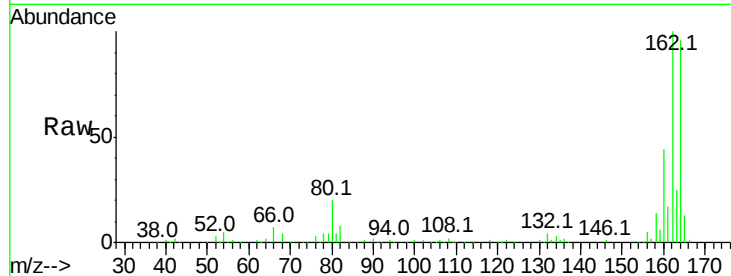
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099520.D
Acq: 15 Oct 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-116-C(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	153388		
162	104.1	86.1	129.1	
160	45.8	38.3	57.5	

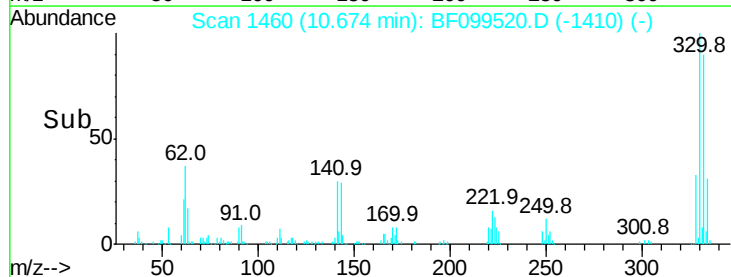
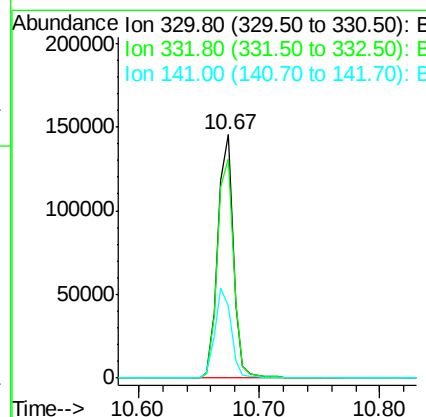
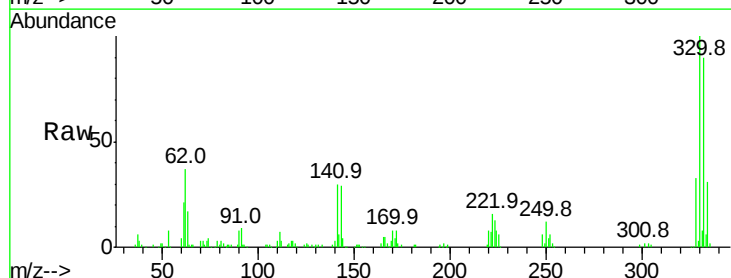
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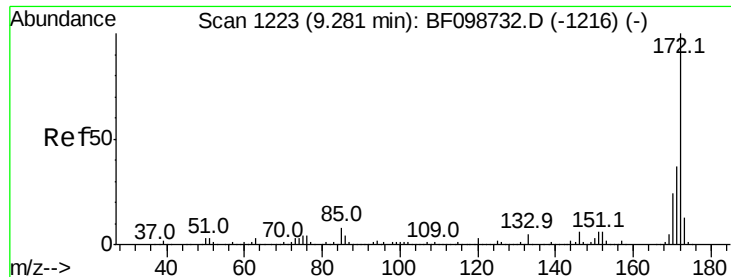
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#41
2,4,6-Tribromophenol
Concen: 102.338 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099520.D
Acq: 15 Oct 2017 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	128448		
332	94.9	77.0	115.6	
141	38.6	29.9	44.9	





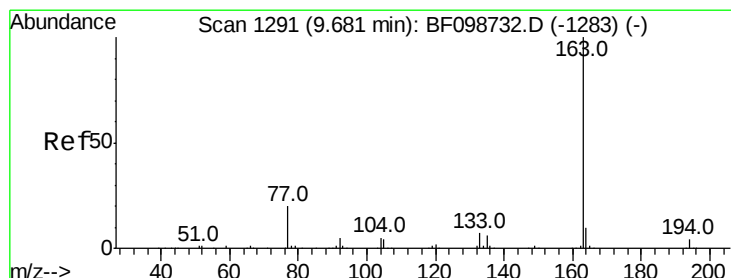
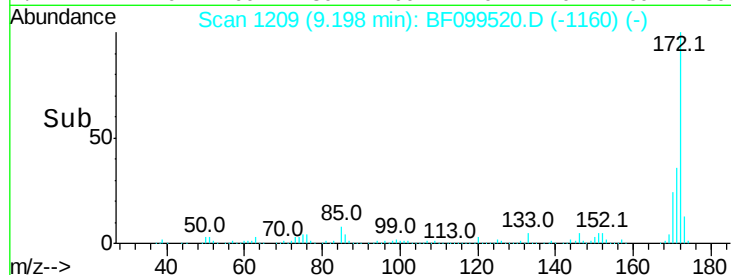
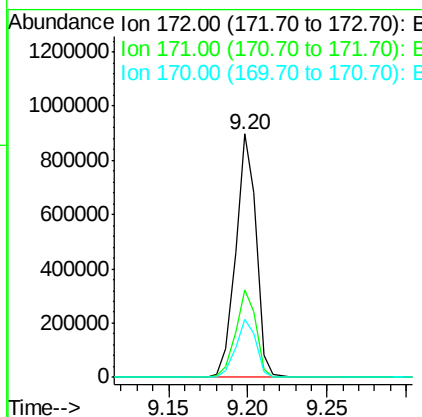
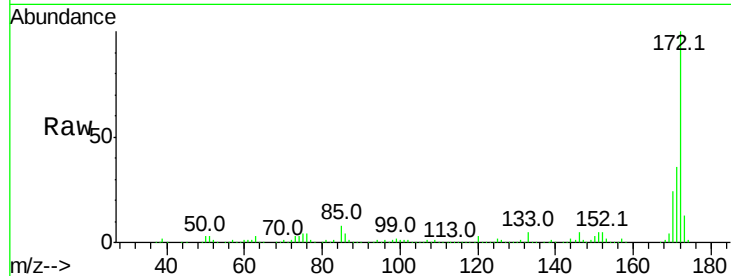
#44
2-Fluorobiphenyl
Concen: 87.018 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099520.D
Acq: 15 Oct 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-116-C(0-5)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.6	19.6	29.4

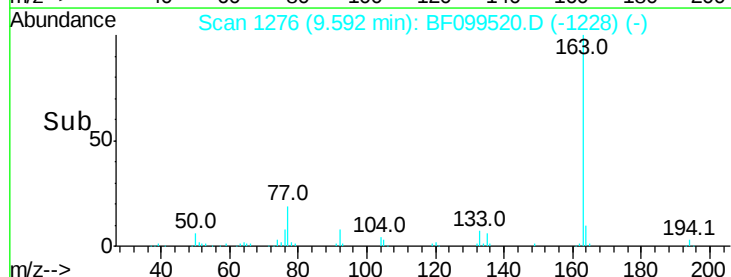
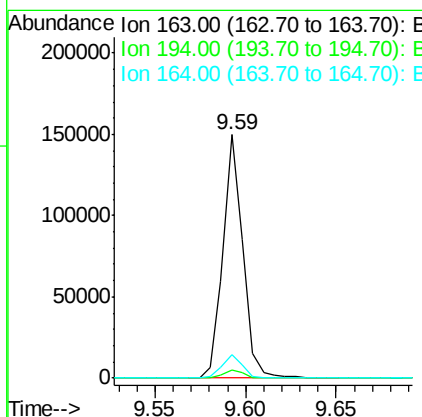
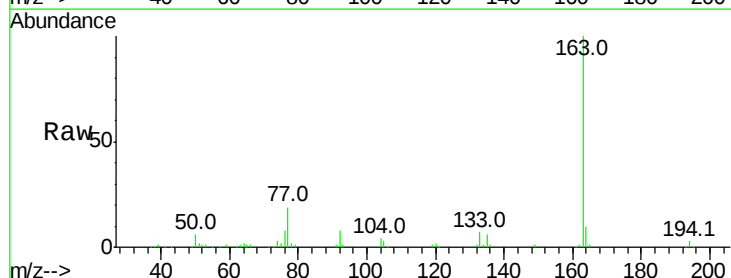
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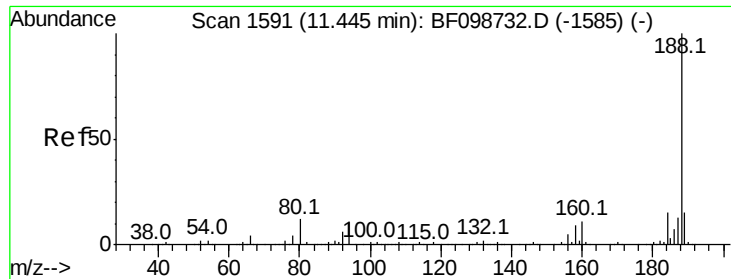
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#49
Dimethylphthalate
Concen: 9.877 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099520.D
Acq: 15 Oct 2017 18:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.7	8.2	12.2





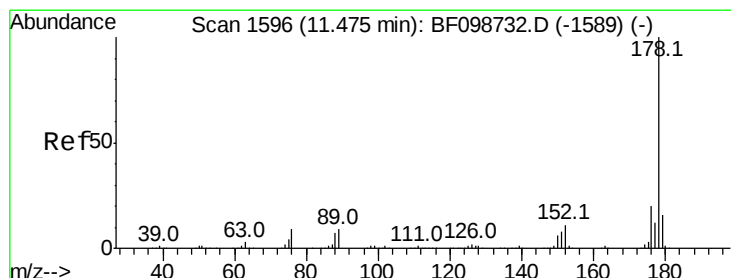
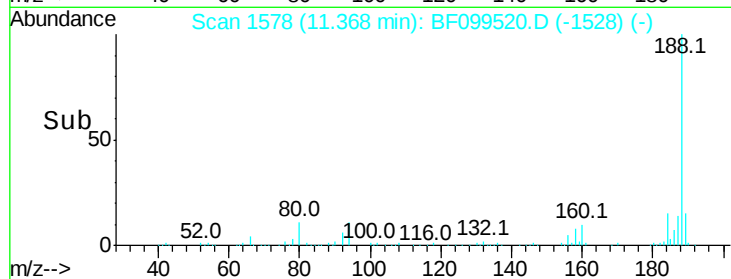
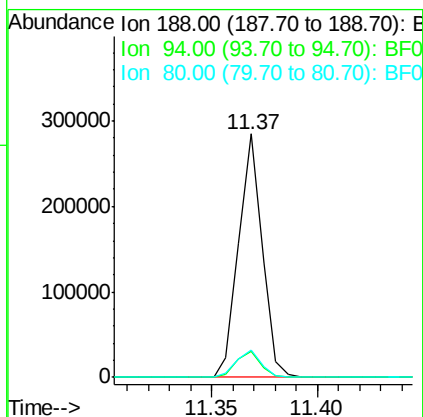
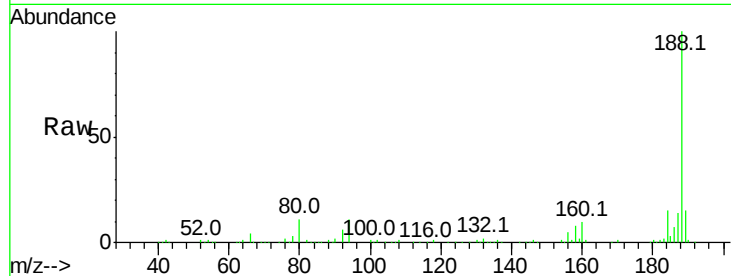
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099520.D
Acq: 15 Oct 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-116-C(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	220156		
94	10.6		8.5	12.7
80	11.0		9.2	13.8

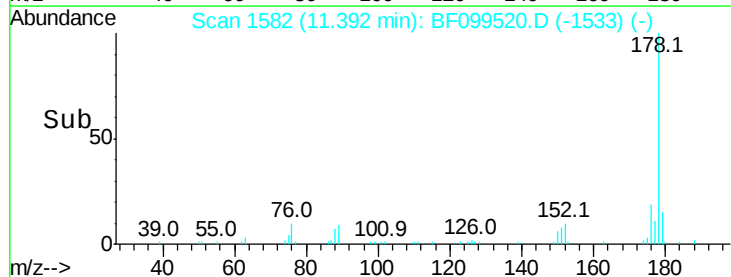
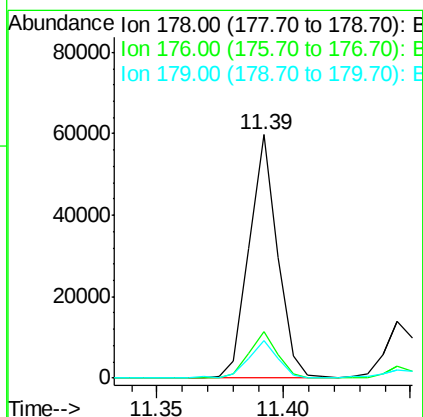
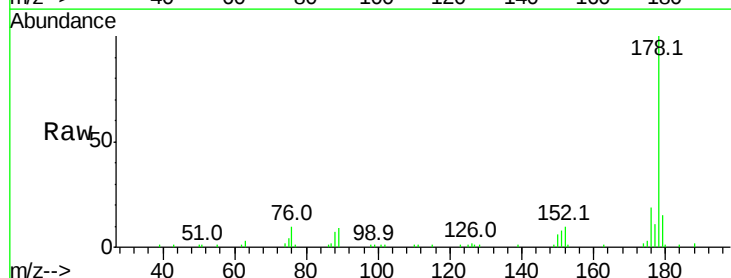
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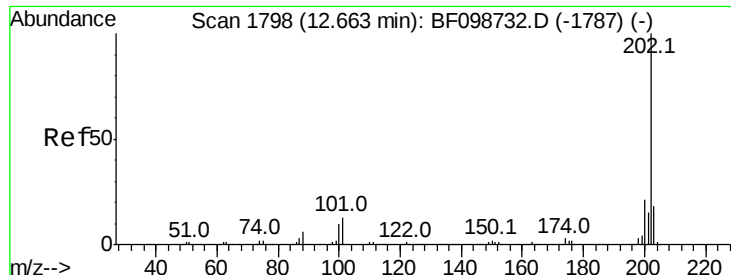
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#70
Phenanthrene
Concen: 3.968 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF099520.D
Acq: 15 Oct 2017 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	46762		
176	19.0		15.8	23.8
179	15.4		13.0	19.6





#74

Fluoranthene

Concen: 5.850 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF099520.D

Acq: 15 Oct 2017 18:17

Instrument :

BNA_F

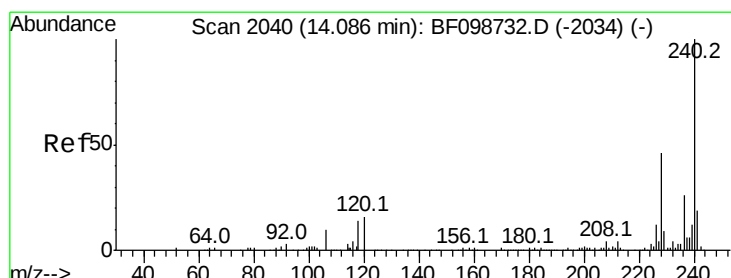
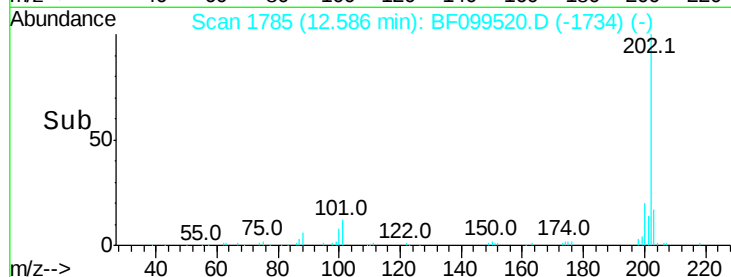
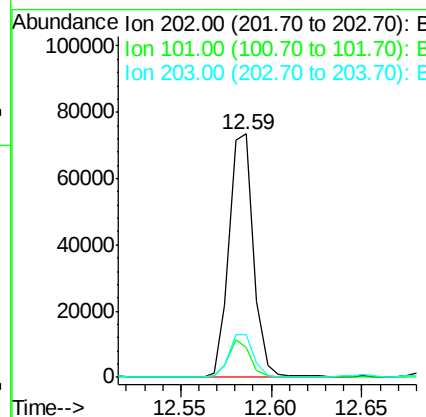
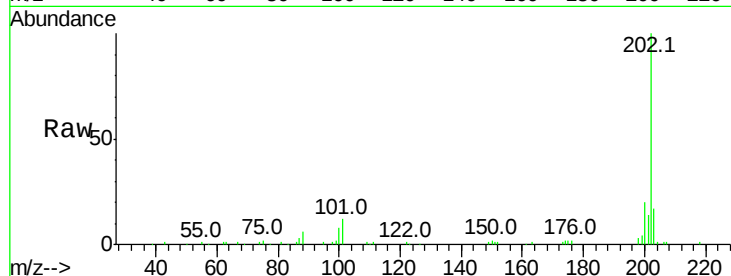
ClientSampleId :

TEST-PIT-116-C(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	69811		
101	12.3	0.0	34.1	
203	17.5	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

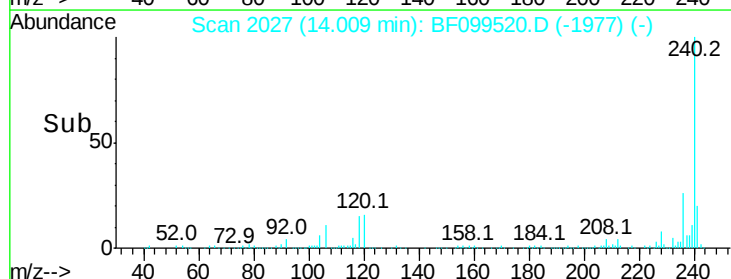
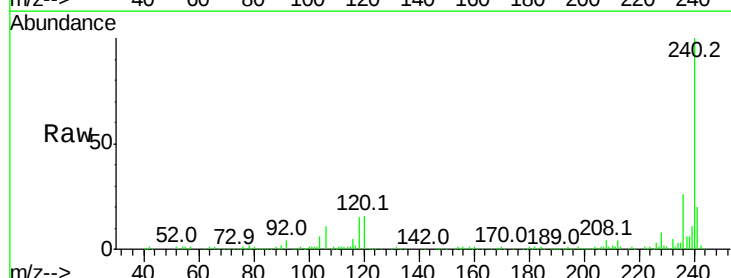
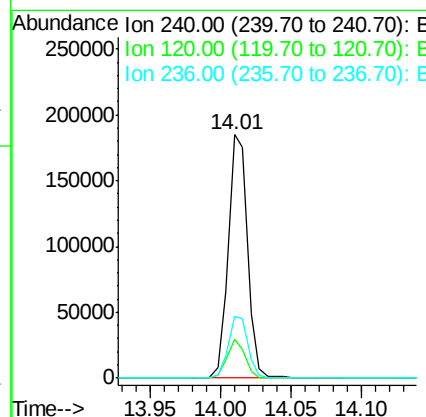
RT: 14.01 min Scan# 2027

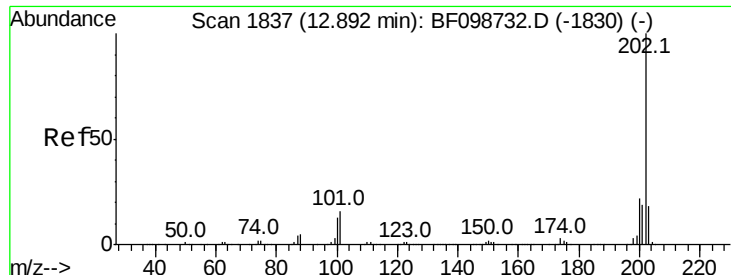
Delta R.T. -0.01 min

Lab File: BF099520.D

Acq: 15 Oct 2017 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	174816		
120	16.1	9.5	14.3#	
236	25.6	20.7	31.1	





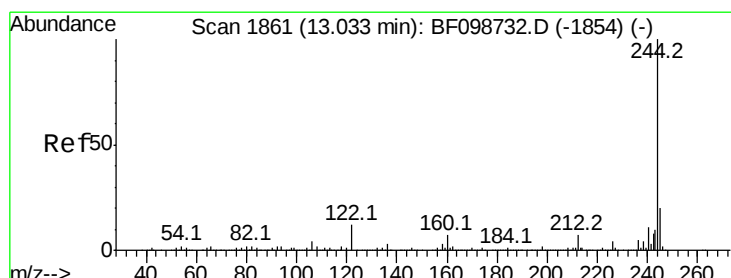
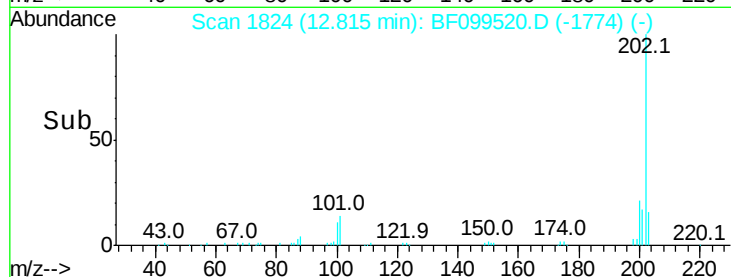
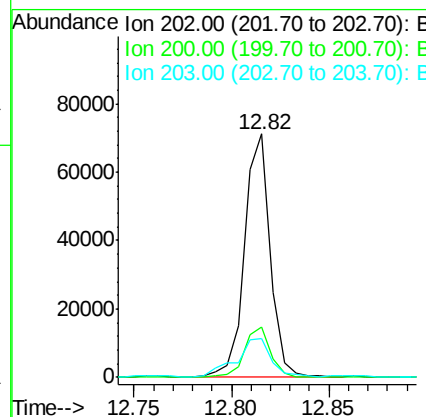
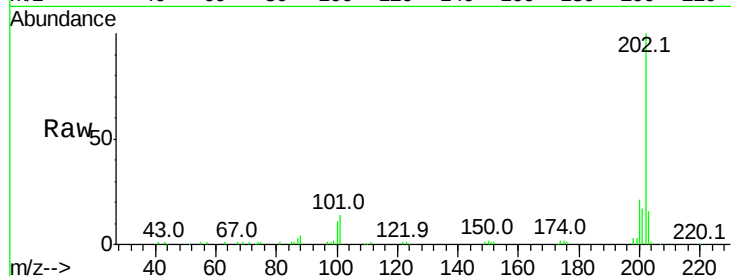
#77
Pvrene
Concen: 4.893 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099520.D
Acq: 15 Oct 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-116-C(0-5)

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	16.2	14.3	21.5

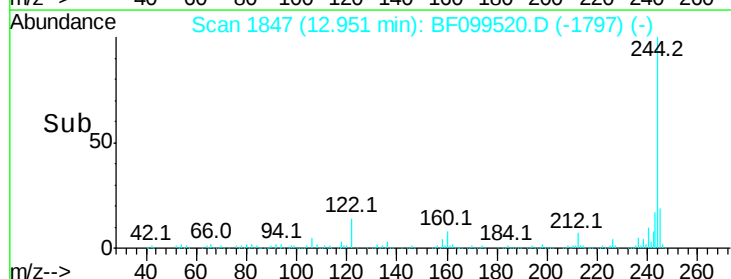
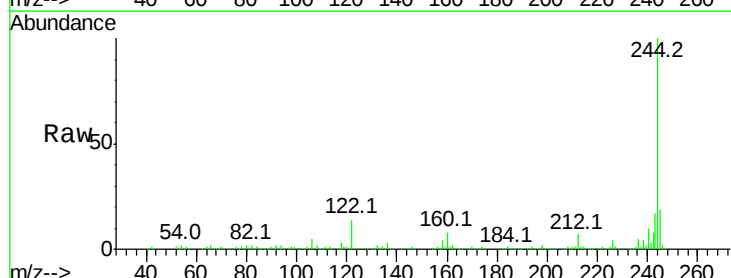
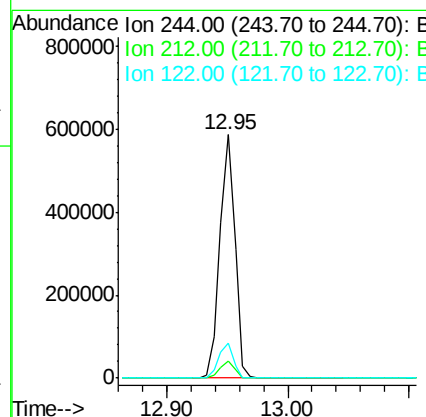
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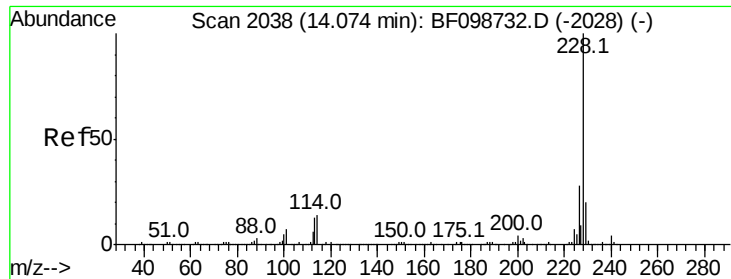
Sohil
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#78
Terphenyl-d14
Concen: 65.045 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099520.D
Acq: 15 Oct 2017 18:17

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





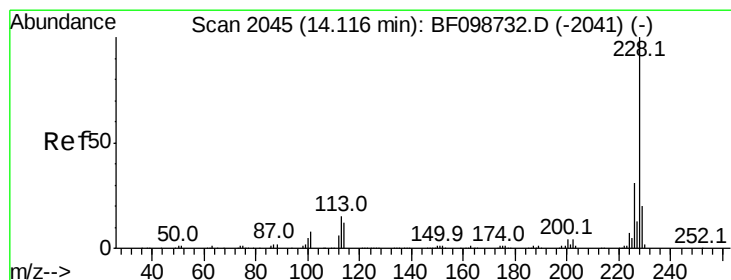
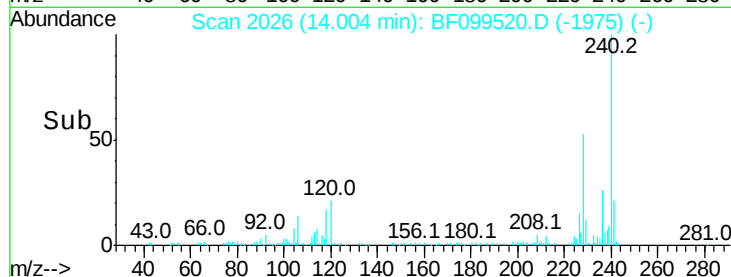
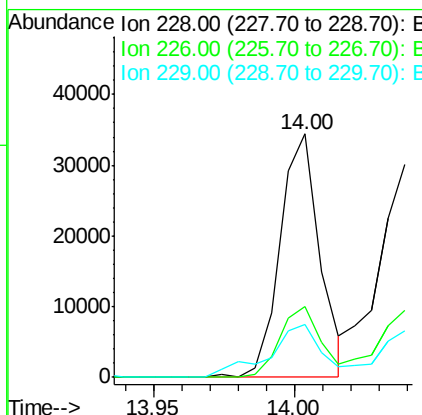
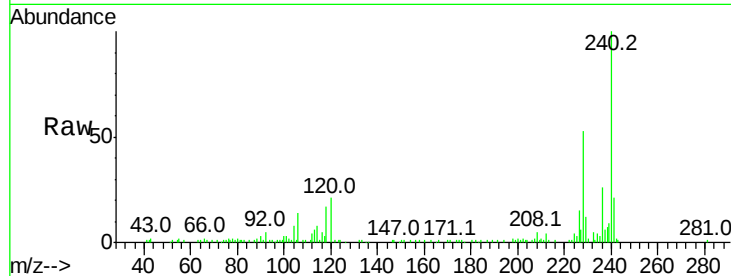
#80
Benzo(a)anthracene
Concen: 3.171 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF099520.D
Acq: 15 Oct 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-116-C(0-5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	21.9	15.8	23.6

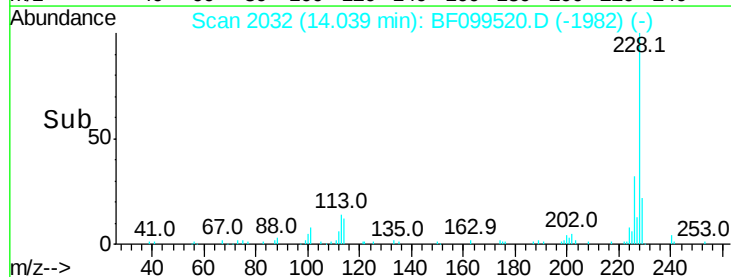
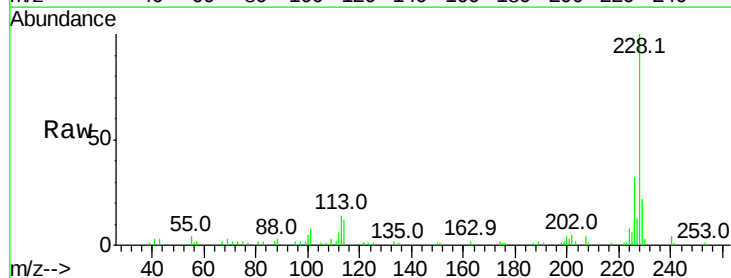
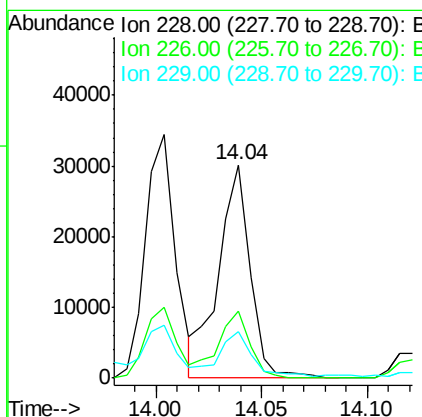
Manual Integrations
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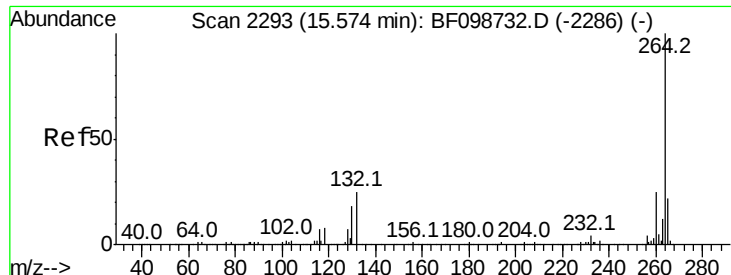
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#82
Chrysene
Concen: 3.109 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF099520.D
Acq: 15 Oct 2017 18:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	21.9	16.2	24.4





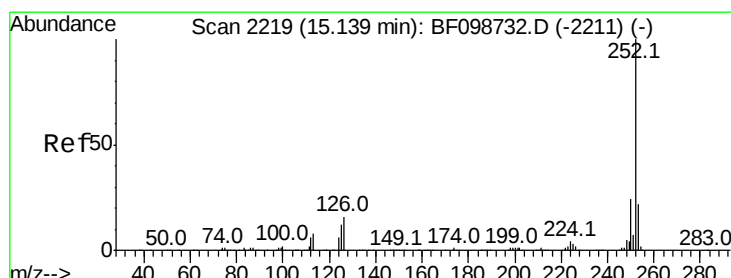
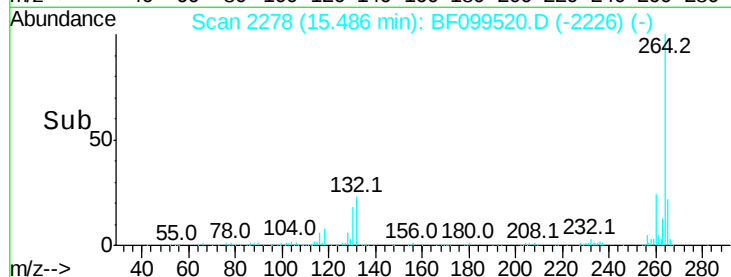
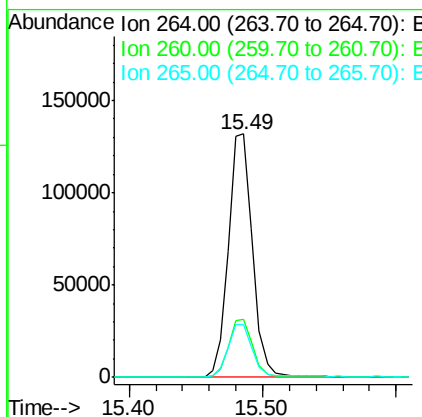
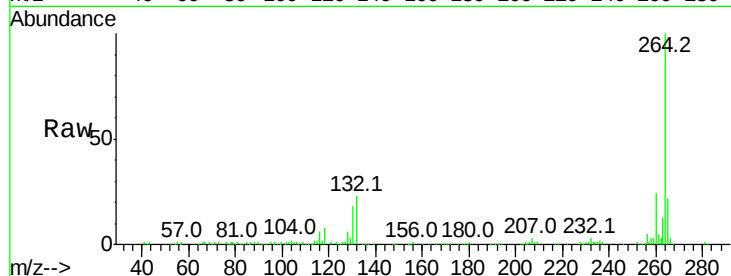
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099520.D
Acq: 15 Oct 2017 18:17

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-116-C(0-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.5	26.3

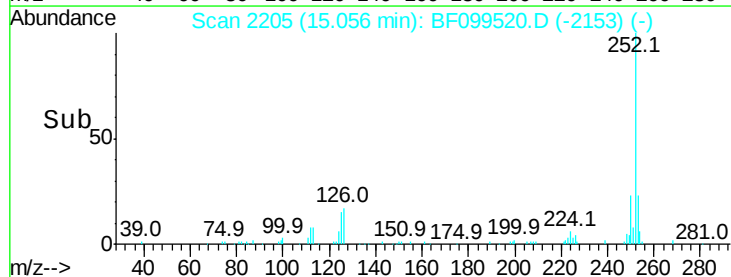
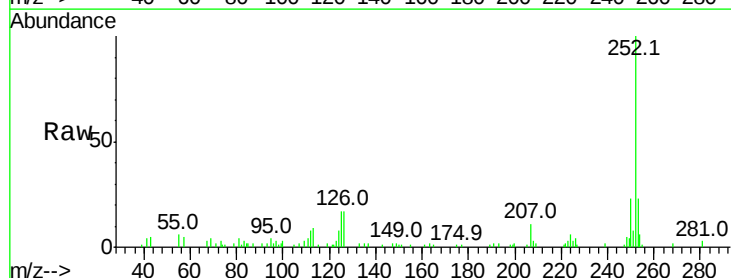
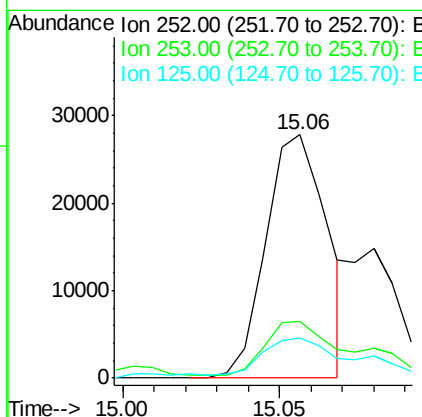
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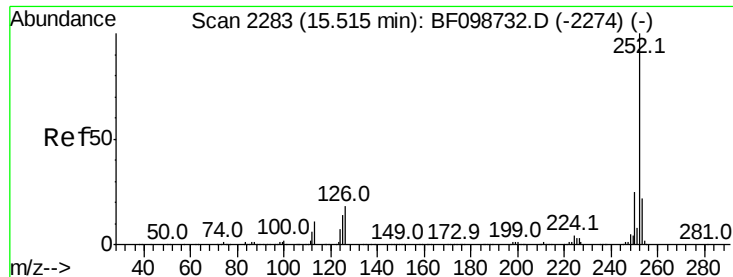
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#87
Benzo(b)fluoranthene
Concen: 3.628 ng m
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099520.D
Acq: 15 Oct 2017 18:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	16.6	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 3.016 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BF099520.D

Acq: 15 Oct 2017 18:17

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-116-C(0-5)

Tot Ion:	252	Resp:	28650
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.1	25.7
125	15.7	9.8	14.6

Manual Integrations
APPROVED

Sohil
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