

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
 Data File : BF099858.D
 Acq On : 26 Oct 2017 13:43
 Operator : SJ/JU
 Sample : I6091-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-102317

Manual Integrations
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Quant Time: Oct 26 16:47:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 16:31:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	71816	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	298757	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	144561	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	259871	20.00	ng	0.00
75) Chrysene-d12	13.99	240	216932	20.00	ng	0.00
86) Perylene-d12	15.46	264	202780	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	593978	129.85	ng	0.01
7) Phenol-d6	6.44	99	724260	133.53	ng	0.00
23) Nitrobenzene-d5	7.36	82	420123	90.53	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	176147	133.71	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	878980	93.81	ng	0.00
78) Terphenyl-d14	12.92	244	812820	81.88	ng	0.00
Target Compounds						
10) Phenol	6.45	94	36307	6.097	ng	97
49) Dimethylphthalate	9.55	163	26303	2.298	ng	99
70) Phenanthrene	11.36	178	41541	2.833	ng	99
74) Fluoranthene	12.55	202	107102	7.027	ng	95
77) Pyrene	12.78	202	91463	5.545	ng	97
80) Benzo(a)anthracene	13.97	228	50252	3.654	ng	96
82) Chrysene	14.01	228	43768	3.385	ng	97
85) Indeno(1,2,3-cd)pyrene	16.95	276	28322	2.386	ng	98
87) Benzo(b)fluoranthene	15.03	252	62313m	4.866	ng	
89) Benzo(a)pyrene	15.40	252	41550	3.612	ng	# 95
91) Benzo(g,h,i)perylene	17.40	276	26700	2.670	ng	# 85

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

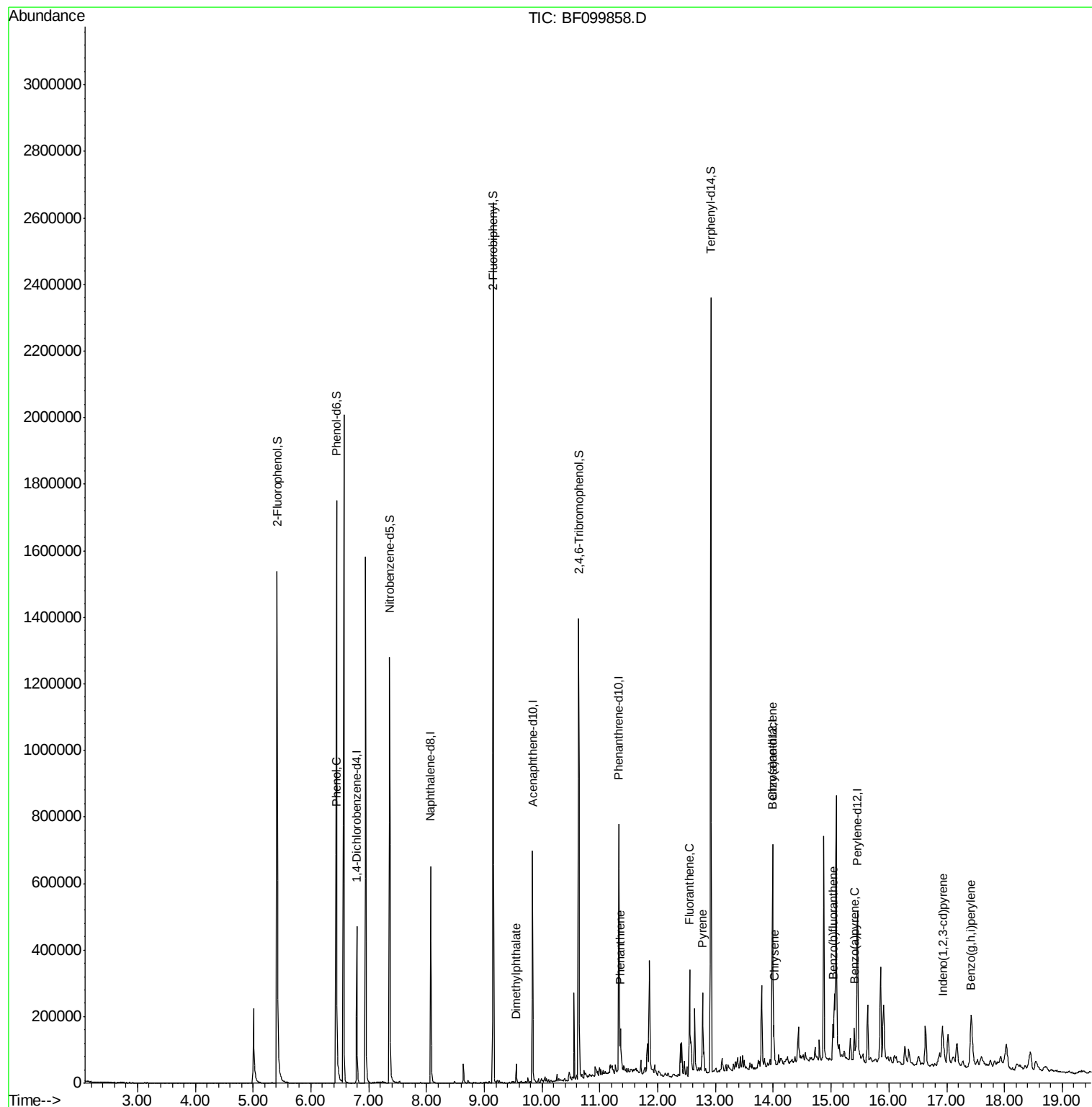
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
Data File : BF099858.D
Acq On : 26 Oct 2017 13:43
Operator : SJ/JU
Sample : I6091-01
Misc :
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Instrument :
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Quant Time: Oct 26 16:47:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 26 16:31:52 2017
Response via : Initial Calibration





#1

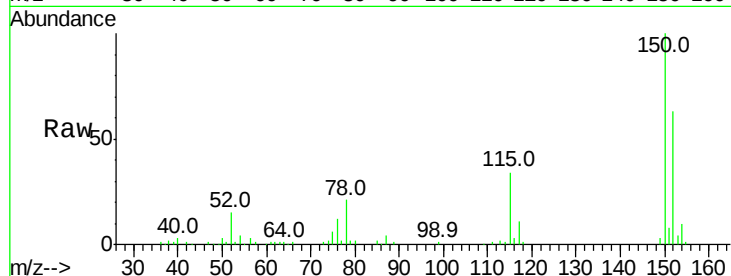
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099858.D
Acq: 26 Oct 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HD-01-102317

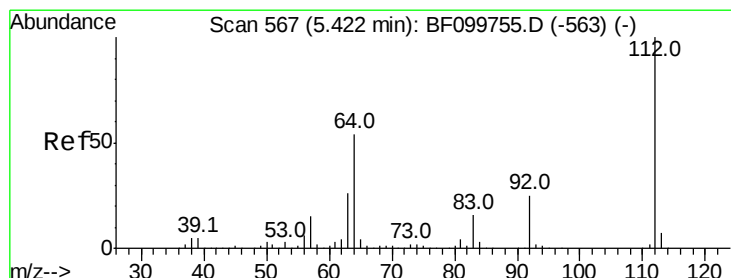
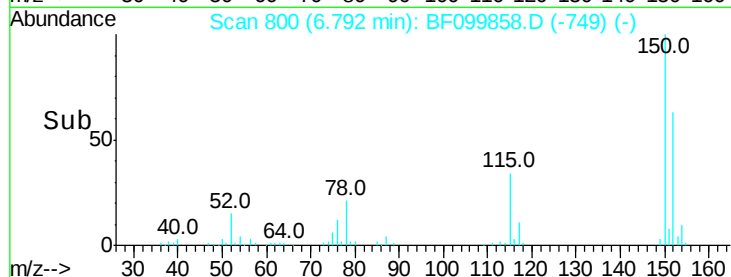
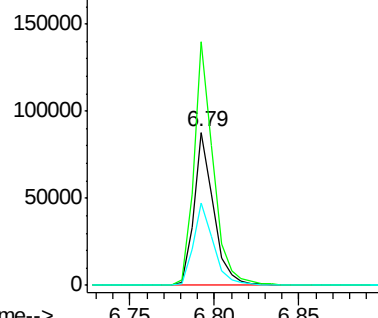
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	53.8	50.1	75.1

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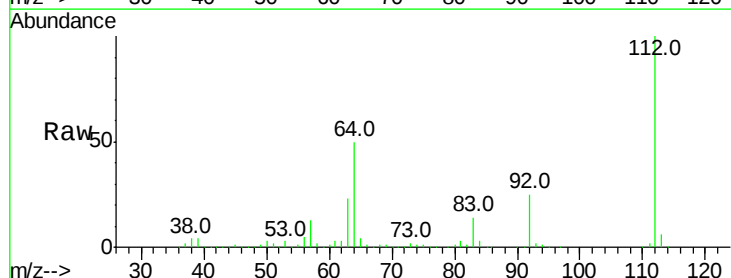
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



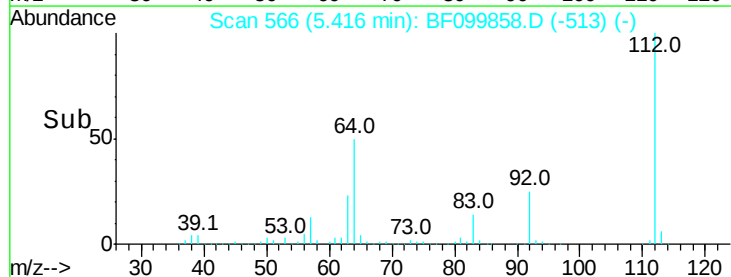
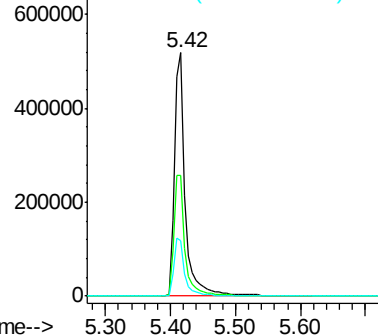
#5

2-Fluorophenol
Concen: 129.849 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF099858.D
Acq: 26 Oct 2017 13:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.8	47.9	71.9
63	23.0	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: 133.531 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF099858.D

Acq: 26 Oct 2017 13:43

Instrument :

BNA_F

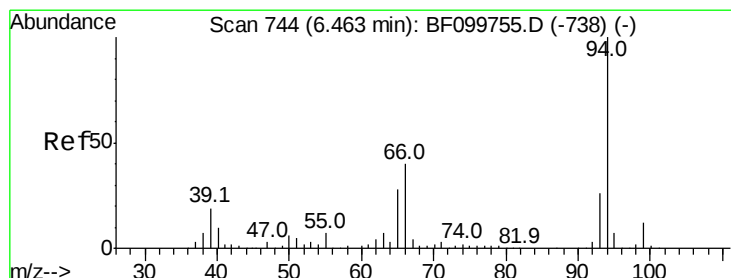
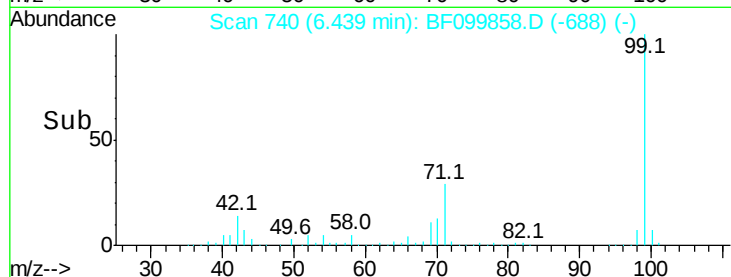
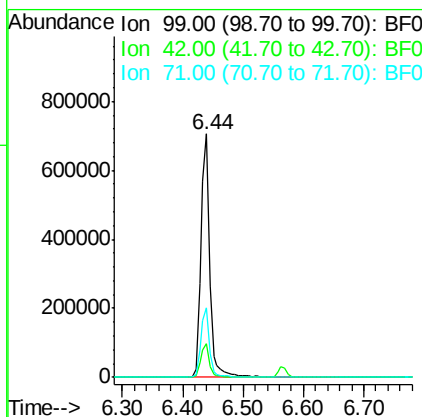
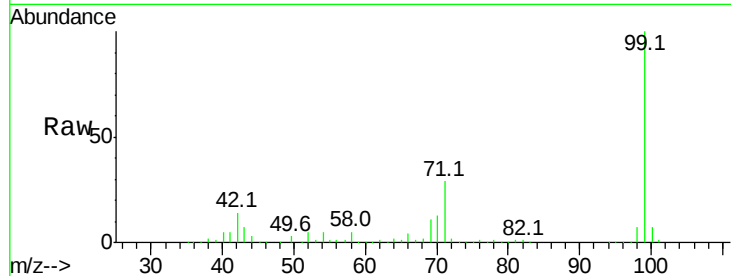
ClientSampleId :

HD-01-102317

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		724260		
42	13.8	14.5	21.7#		
71	28.8	25.4	38.0		

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#10

Phenol

Concen: 6.097 ng

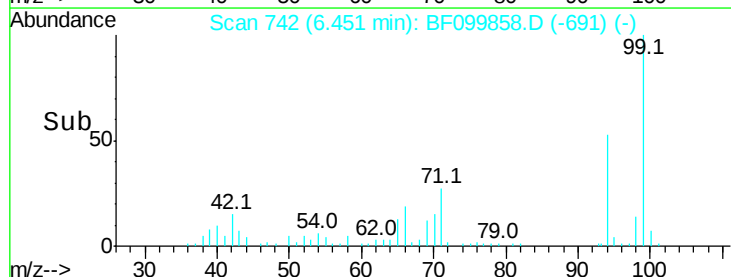
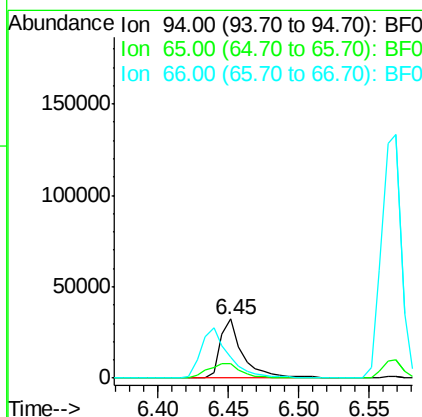
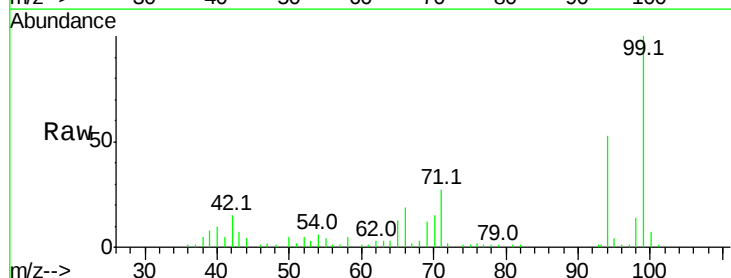
RT: 6.45 min Scan# 742

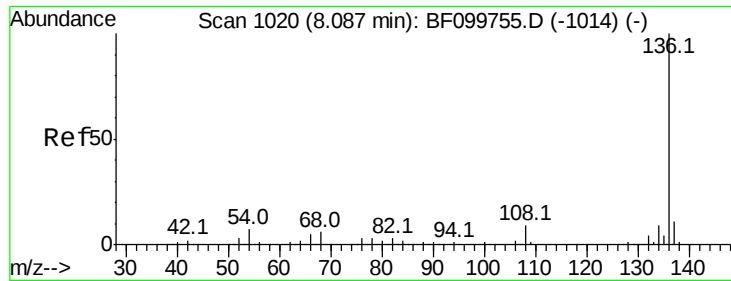
Delta R.T. 0.00 min

Lab File: BF099858.D

Acq: 26 Oct 2017 13:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		36307		
65	24.6	7.9	47.9		
66	36.1	16.2	56.2		





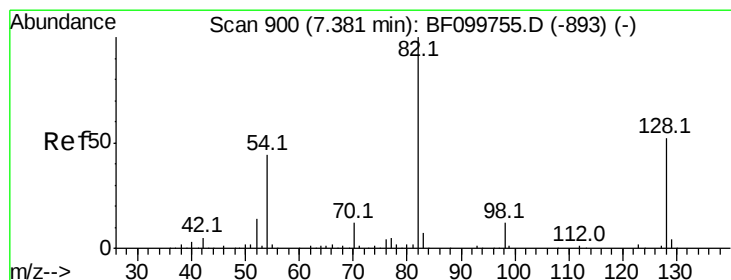
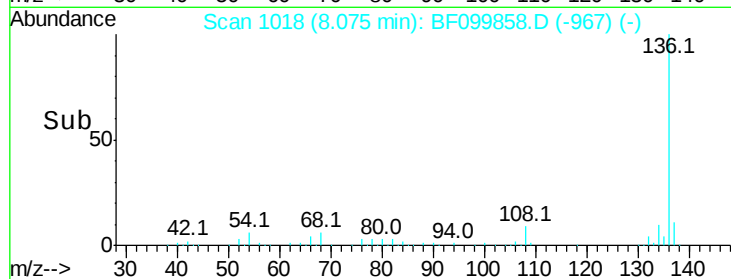
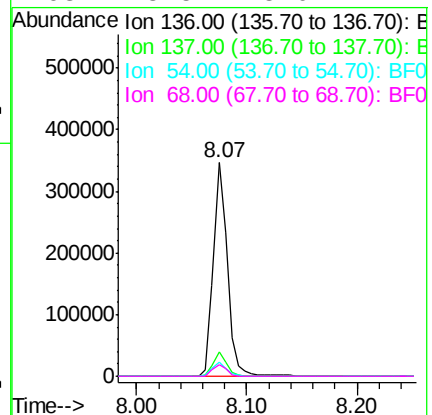
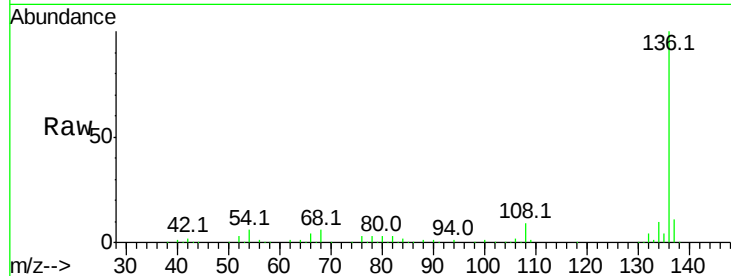
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF099858.D
Acq: 26 Oct 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HD-01-102317

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	6.4	6.6	9.8	
68	5.5	5.0	7.4	

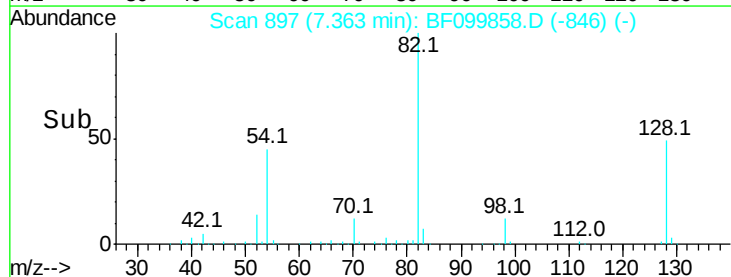
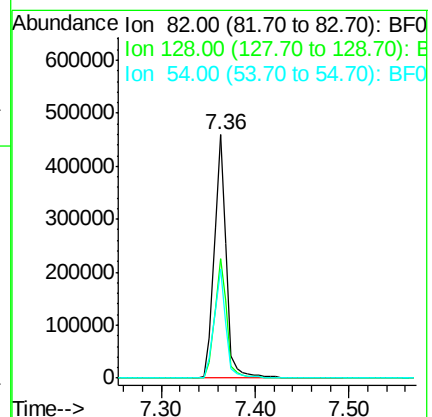
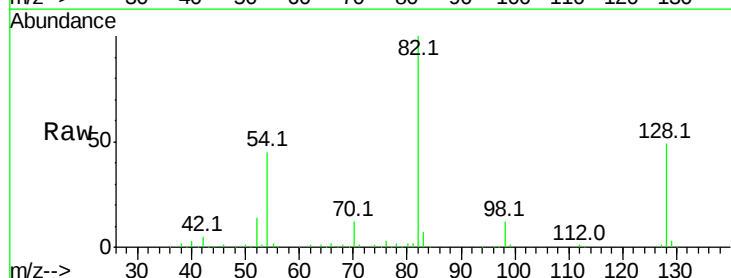
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#23
Nitrobenzene-d5
Concen: 90.534 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099858.D
Acq: 26 Oct 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.9	36.1	54.1	
54	44.7	41.4	62.2	





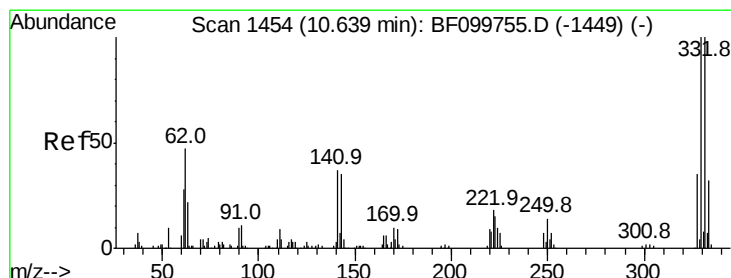
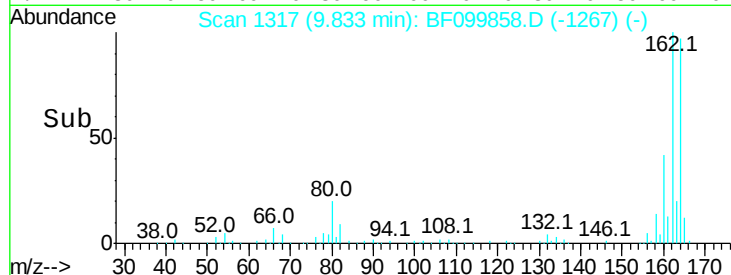
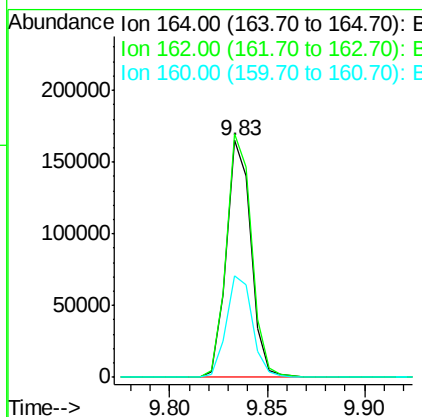
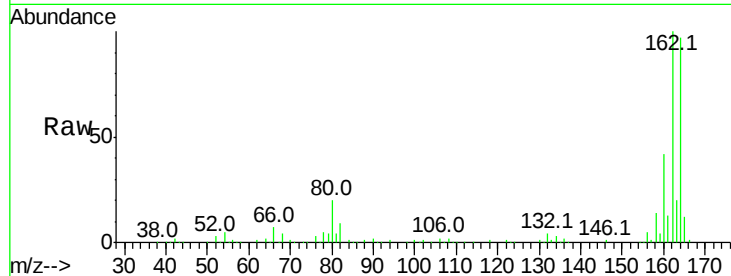
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099858.D
Acq: 26 Oct 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HD-01-102317

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	43.1	38.3	57.5

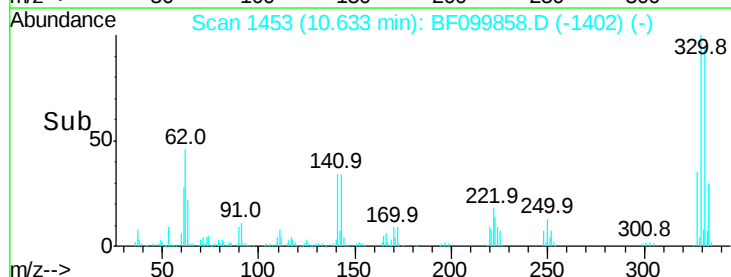
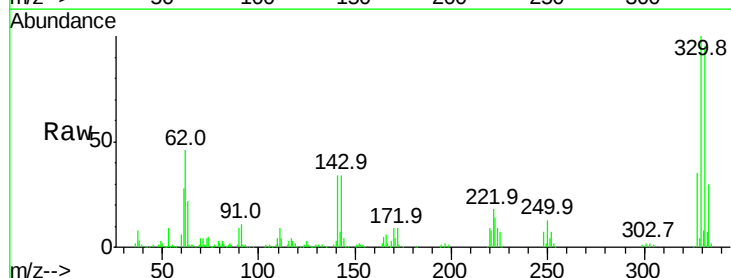
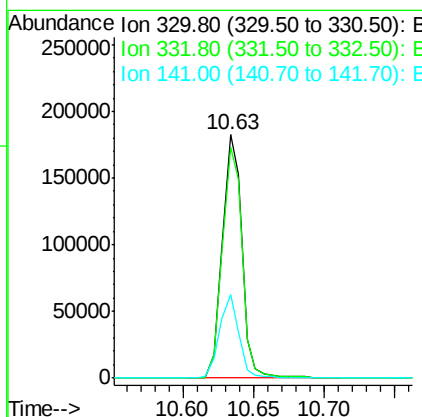
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#41
2,4,6-Tribromophenol
Concen: 133.707 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF099858.D
Acq: 26 Oct 2017 13:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	34.1	29.9	44.9





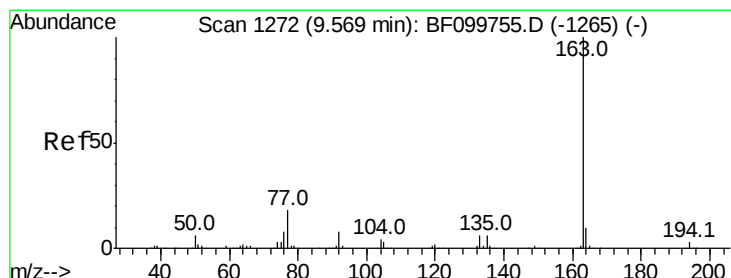
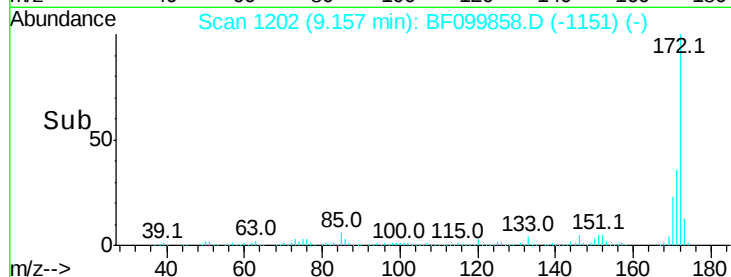
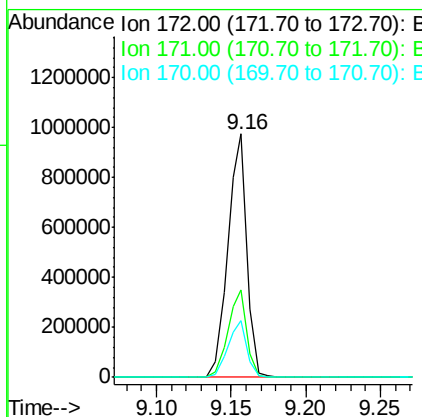
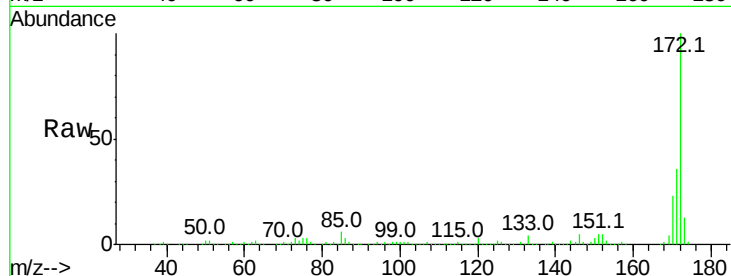
#44
2-Fluorobiphenyl
Concen: 93.810 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF099858.D
Acq: 26 Oct 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HD-01-102317

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.4	19.6	29.4

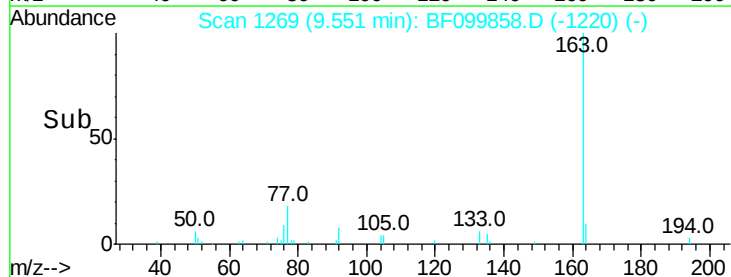
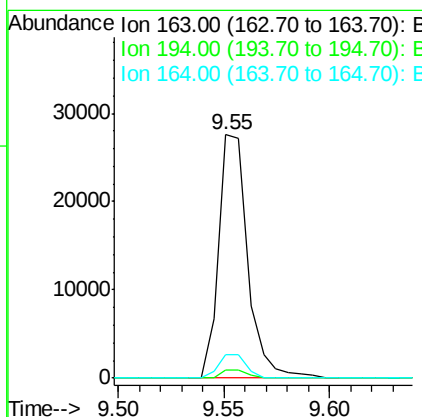
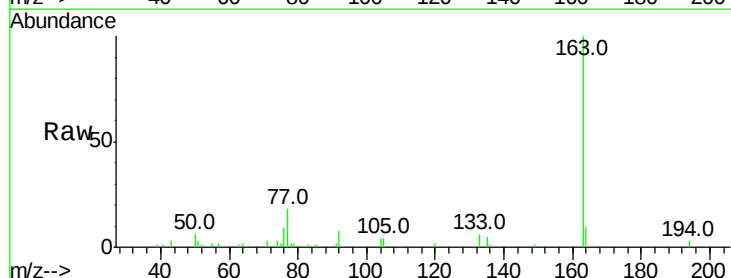
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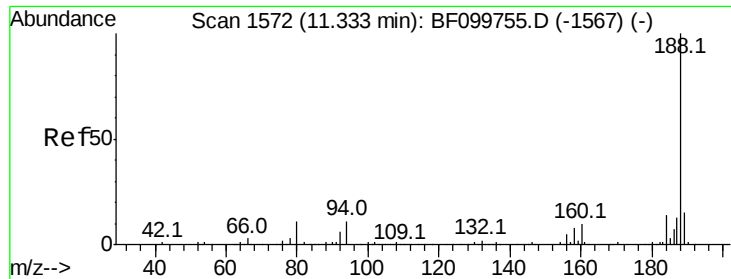
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#49
Dimethylphthalate
Concen: 2.298 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF099858.D
Acq: 26 Oct 2017 13:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.8	8.2	12.2





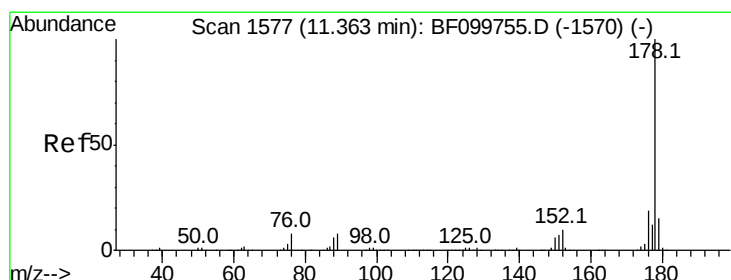
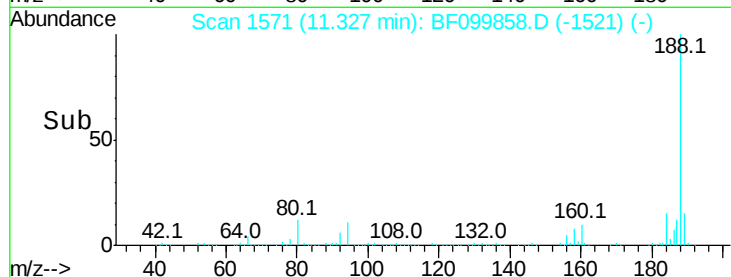
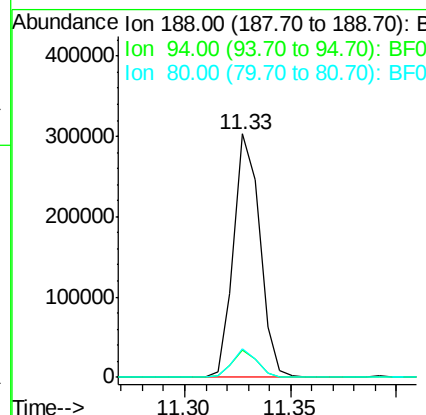
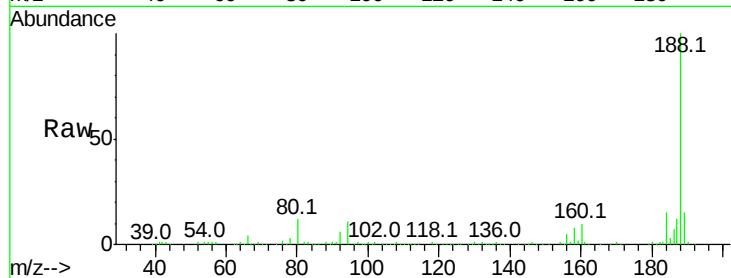
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF099858.D
Acq: 26 Oct 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HD-01-102317

Tot Ion	Ratio	Resp	Lower	Upper
188	100	259871		
94	11.4		8.5	12.7
80	11.8		9.2	13.8

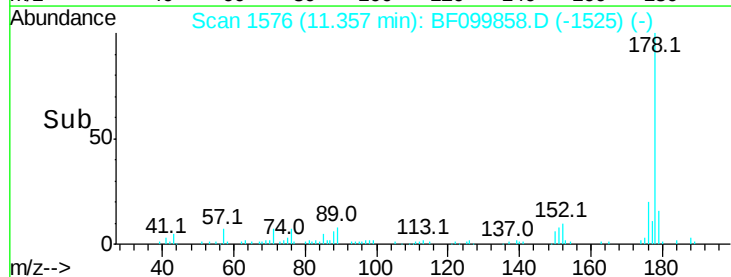
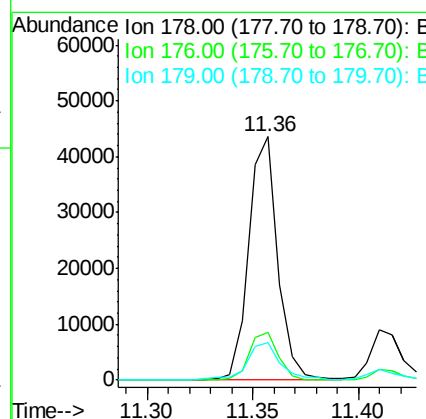
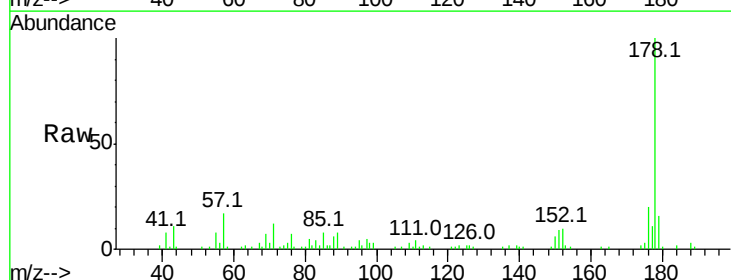
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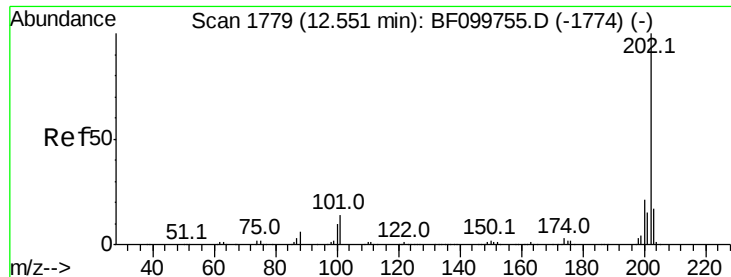
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#70
Phenanthrene
Concen: 2.833 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF099858.D
Acq: 26 Oct 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	41541		
176	19.6		15.8	23.8
179	15.6		13.0	19.6





#74

Fluoranthene

Concen: 7.027 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF099858.D

Acq: 26 Oct 2017 13:43

Instrument :

BNA_F

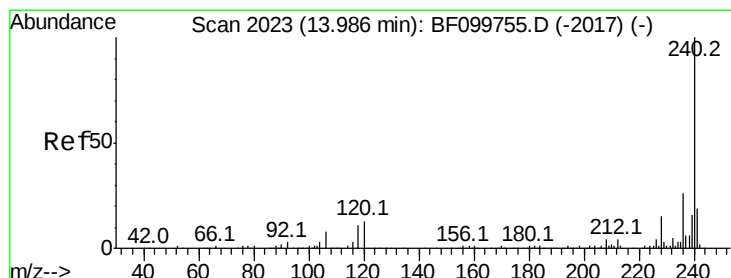
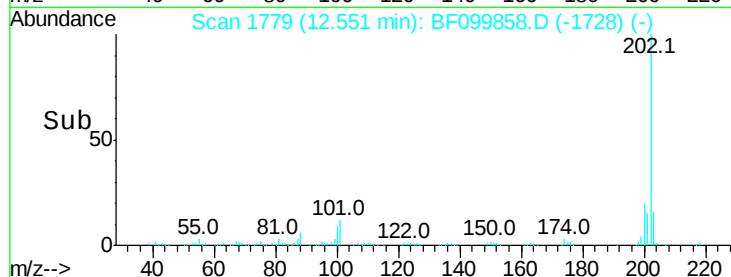
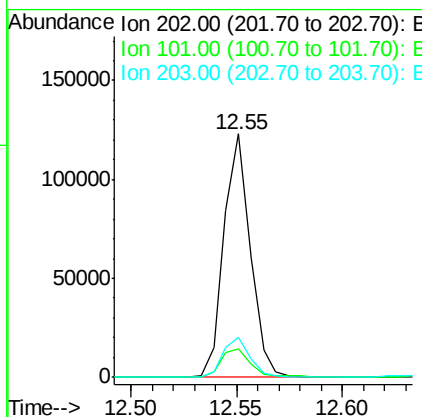
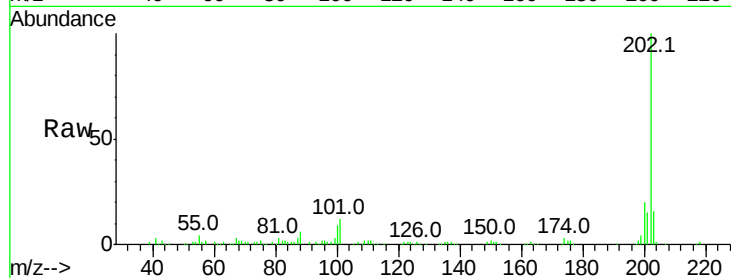
ClientSampleId :

HD-01-102317

Tot Ion	Ratio	Resp	Lower	Upper
202	100	107102		
101	11.8	0.0	34.1	
203	16.2	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

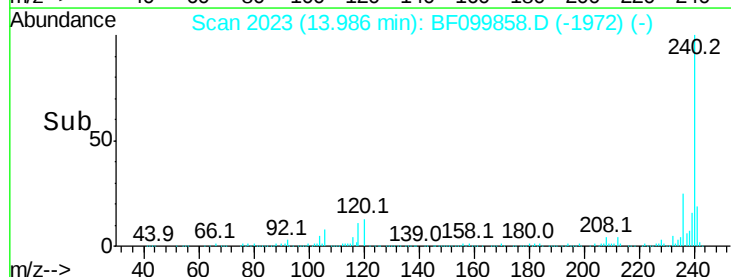
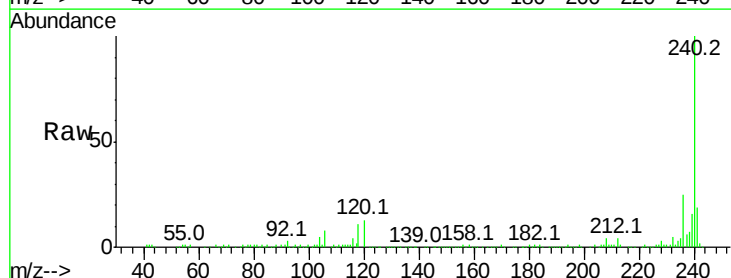
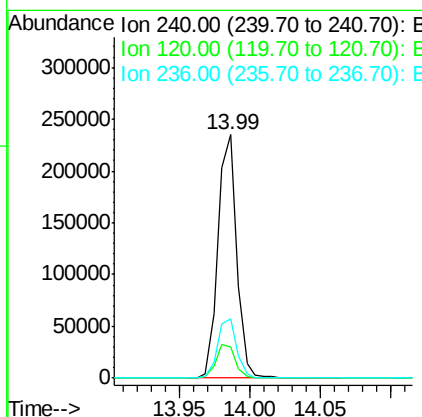
RT: 13.99 min Scan# 2023

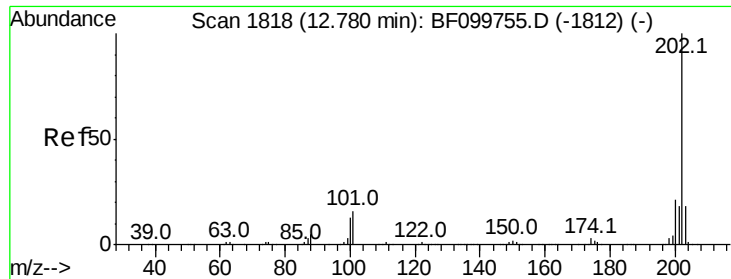
Delta R.T. 0.00 min

Lab File: BF099858.D

Acq: 26 Oct 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	216932		
120	12.6	9.5	14.3	
236	24.6	20.7	31.1	





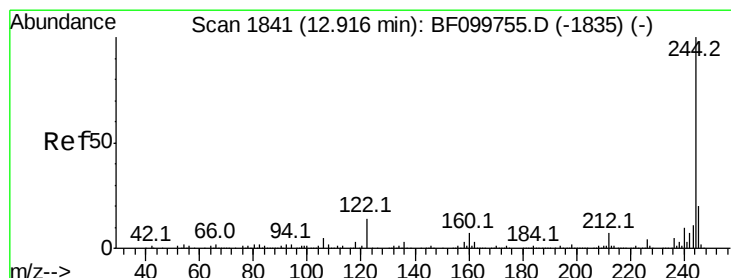
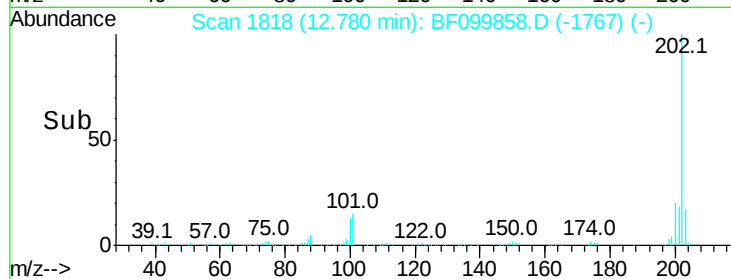
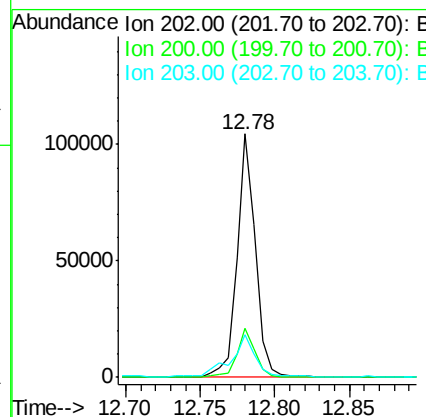
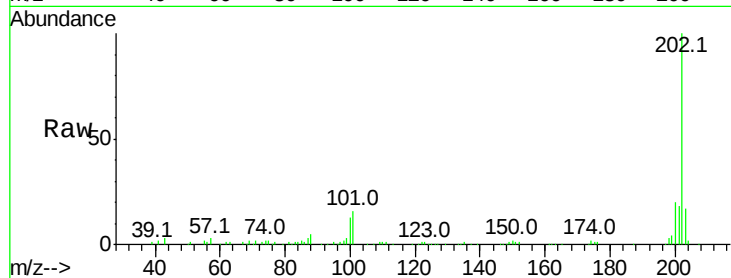
#77
Pvrene
Concen: 5.545 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF099858.D
Acq: 26 Oct 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HD-01-102317

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.4	26.2
203	17.3	14.3	21.5

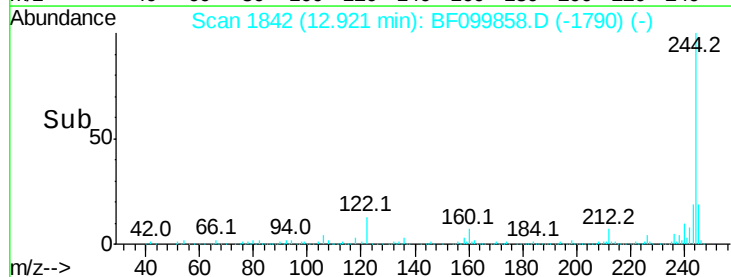
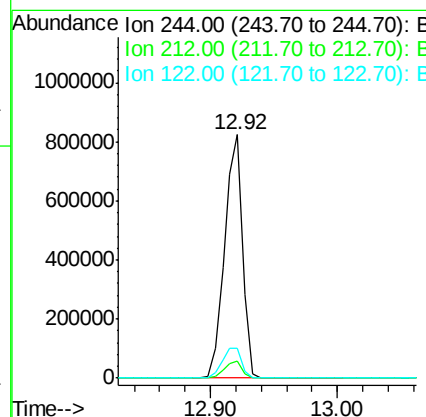
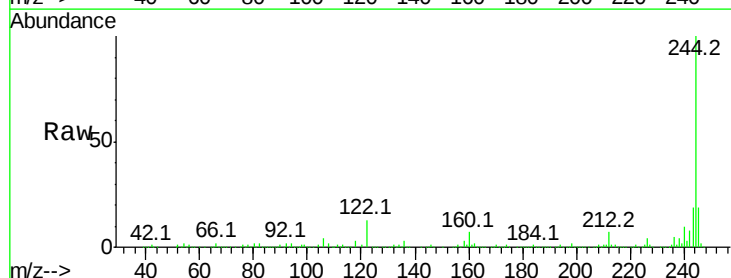
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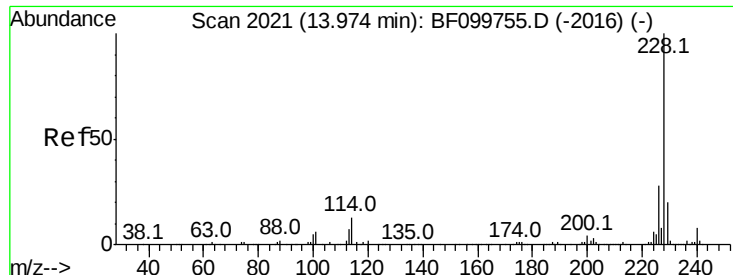
Sohil
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#78
Terphenyl-d14
Concen: 81.883 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BF099858.D
Acq: 26 Oct 2017 13:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.5	11.0	16.4





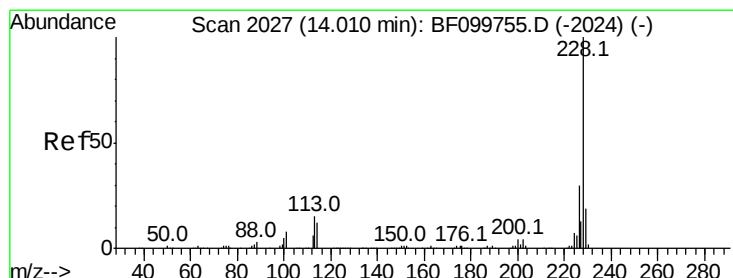
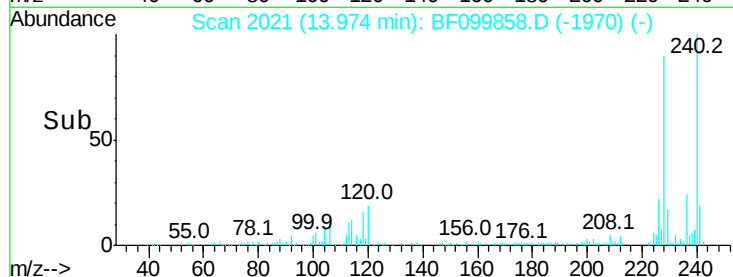
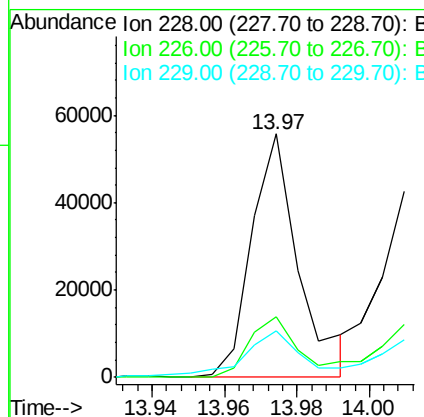
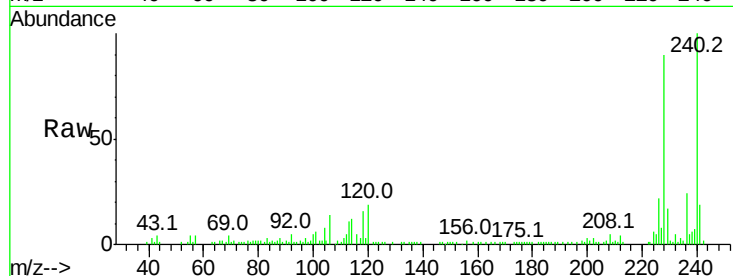
#80
Benzo(a)anthracene
Concen: 3.654 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF099858.D
Acq: 26 Oct 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HD-01-102317

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.0	22.6	33.8
229	19.3	15.8	23.6

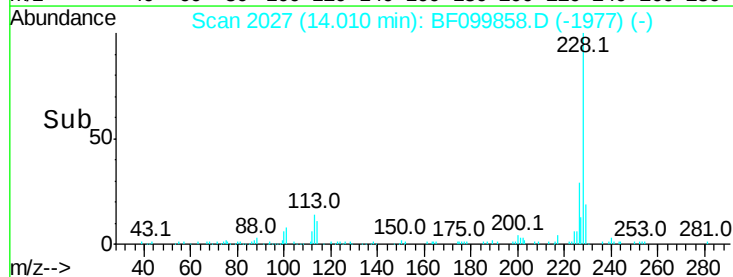
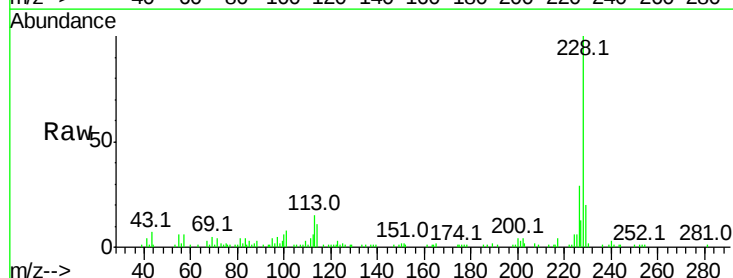
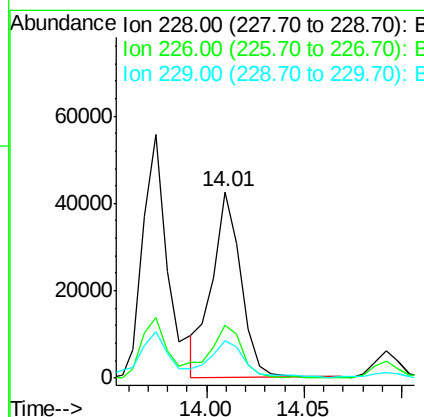
Manual Integrations
APPROVED

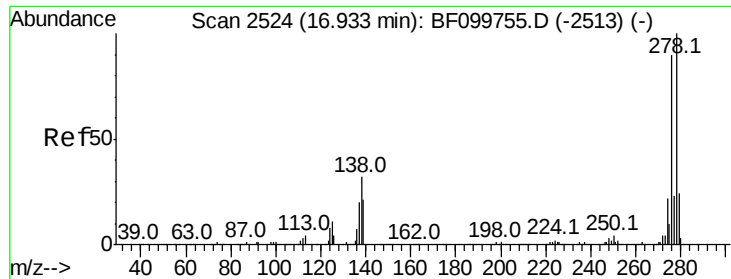
Sohil
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#82
Chrysene
Concen: 3.385 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099858.D
Acq: 26 Oct 2017 13:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.0	37.6
229	20.2	16.2	24.4





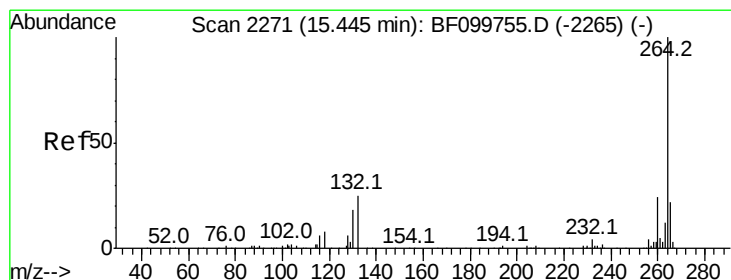
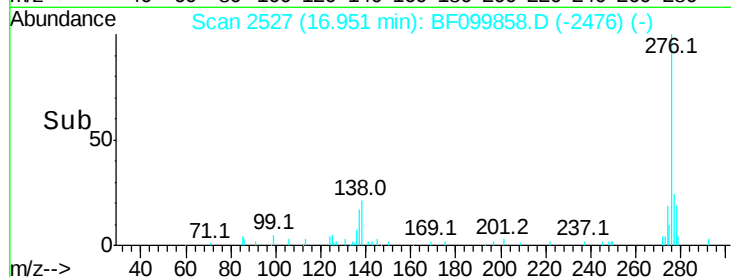
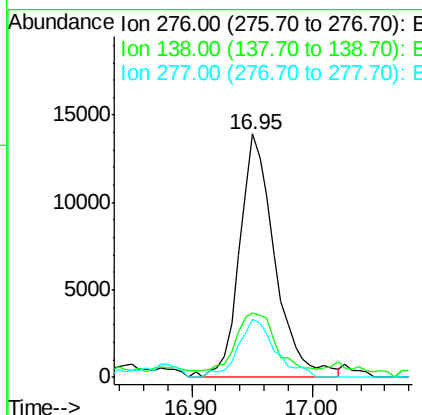
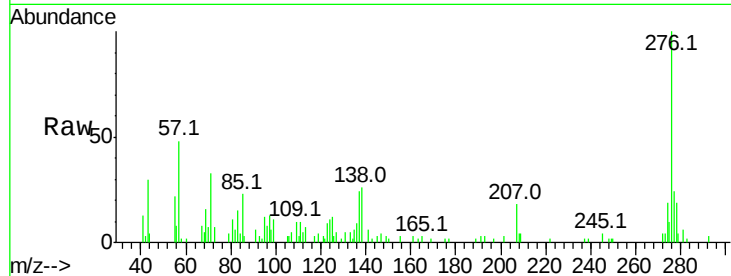
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.386 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF099858.D
Acq: 26 Oct 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HD-01-102317

Tot Ion	Ratio	Resp	Lower	Upper
276	100	28322		
138	33.1	25.0	37.6	
277	25.2	20.1	30.1	

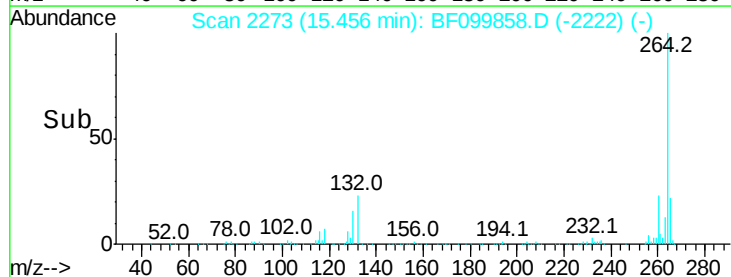
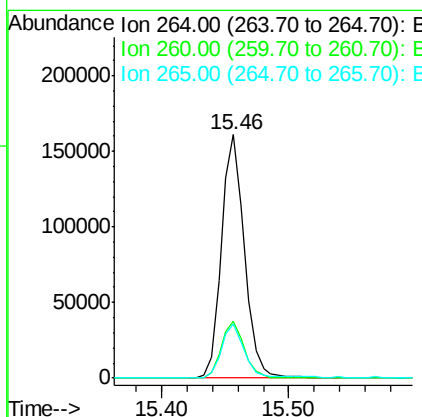
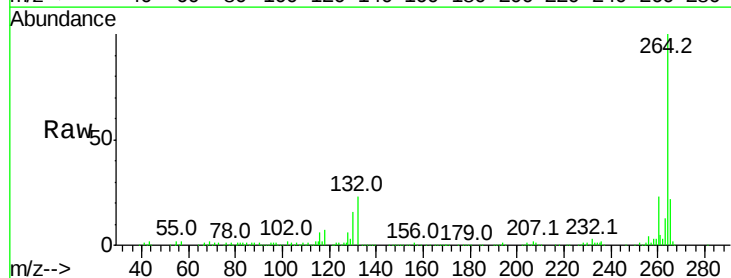
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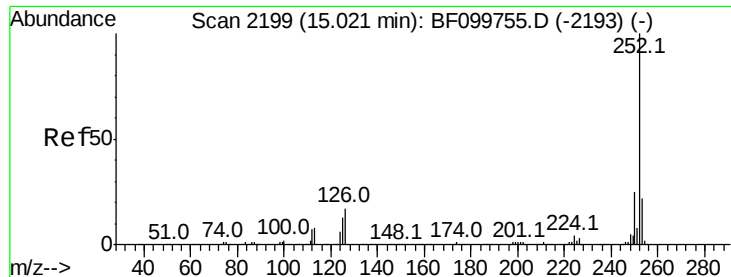
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF099858.D
Acq: 26 Oct 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	202780		
260	23.4	19.2	28.8	
265	22.1	17.5	26.3	





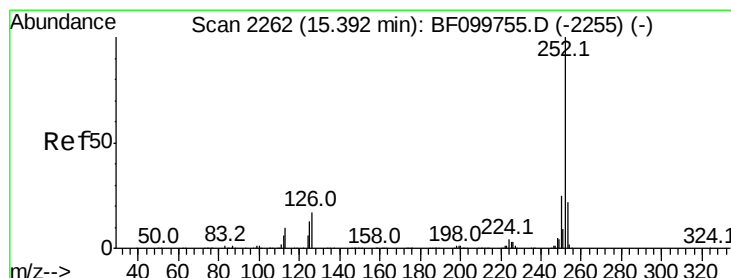
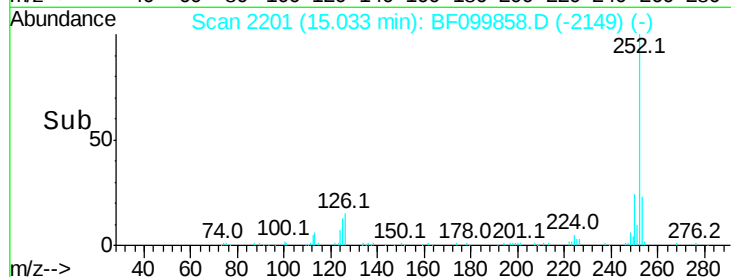
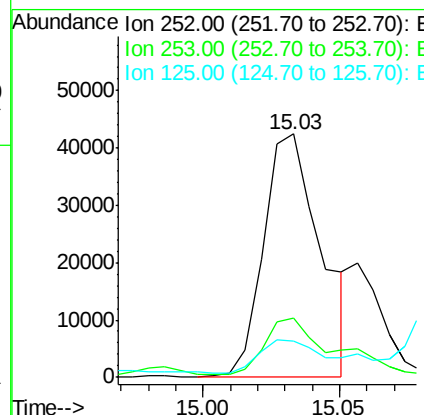
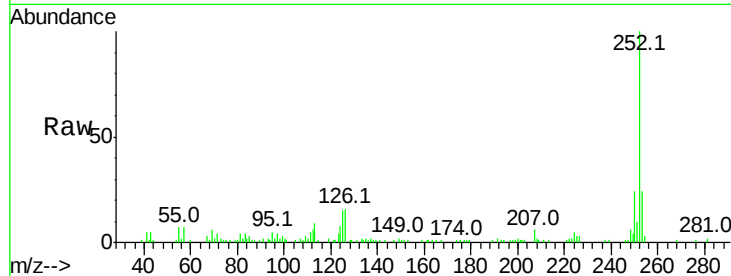
#87
Benzo(b)fluoranthene
Concen: 4.866 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF099858.D
Acq: 26 Oct 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HD-01-102317

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	15.1	9.0	13.6

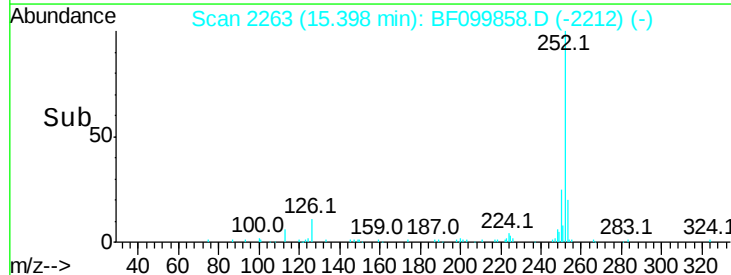
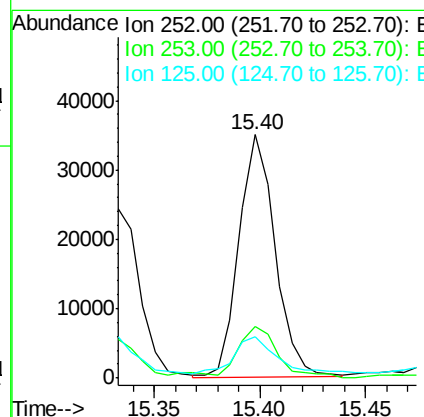
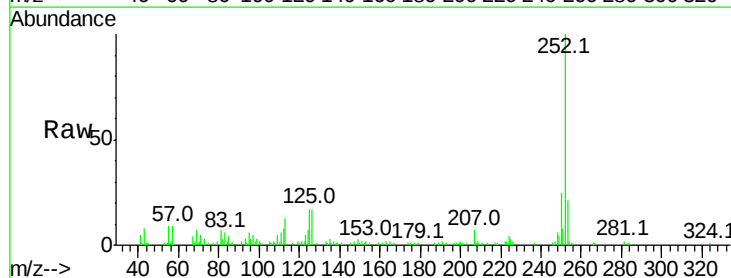
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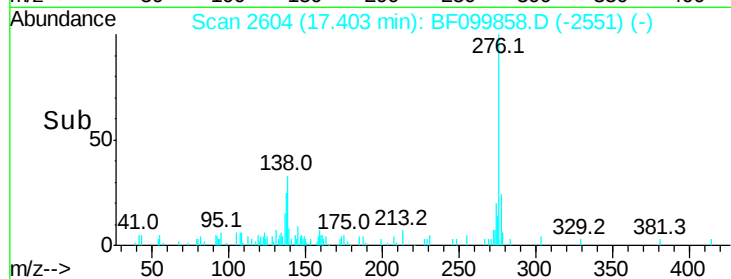
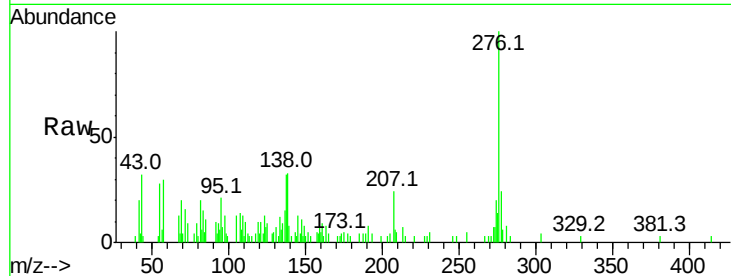
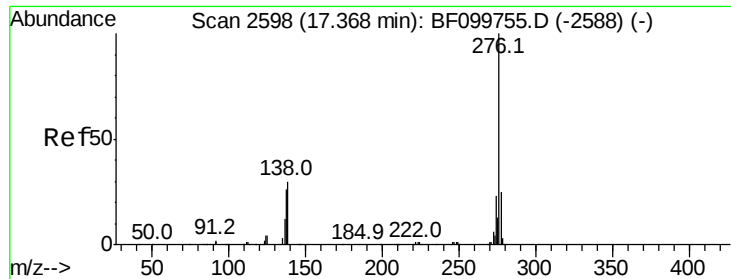
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#89
Benzo(a)pyrene
Concen: 3.612 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF099858.D
Acq: 26 Oct 2017 13:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.1	25.7
125	17.1	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.670 ng
 RT: 17.40 min Scan# 2604
 Delta R.T. 0.01 min
 Lab File: BF099858.D
 Acq: 26 Oct 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-102317

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	40.4	21.8	32.8

Manual Integrations
 APPROVED

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