

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100017.D
 Acq On : 31 Oct 2017 21:25
 Operator : SJ/JU
 Sample : I6056-02 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SED-1

Manual Integrations
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Sohil
 11/1/2017 2:37:52 PM

Quant Time: Nov 01 05:32:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	89212	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	360757	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	158396	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	262958	20.00	ng	0.00
75) Chrysene-d12	13.99	240	155800	20.00	ng	0.00
86) Perylene-d12	15.49	264	158291	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	83267	14.65	ng	0.01
7) Phenol-d6	6.44	99	103173	15.31	ng	0.00
23) Nitrobenzene-d5	7.36	82	59054	10.54	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	19194	13.30	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	128677	12.53	ng	0.00
78) Terphenyl-d14	12.90	244	86762	12.17	ng	0.00
Target Compounds						
70) Phenanthrene	11.35	178	130273	8.779	ng	98
74) Fluoranthene	12.54	202	166281	10.782	ng	99
77) Pyrene	12.77	202	146977	12.406	ng	98
80) Benzo(a)anthracene	13.97	228	62707	6.349	ng	96
82) Chrysene	14.01	228	55236	5.949	ng	96
83) Bis(2-ethylhexyl)phthalate	13.93	149	26347	3.216	ng	97
85) Indeno(1,2,3-cd)pyrene	16.99	276	39184	4.597	ng	97
87) Benzo(b)fluoranthene	15.06	252	77849m	7.789	ng	
88) Benzo(k)fluoranthene	15.08	252	26279m	2.788	ng	
89) Benzo(a)pyrene	15.43	252	56518	6.295	ng	# 85
91) Benzo(g,h,i)perylene	17.46	276	40510	5.190	ng	92

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

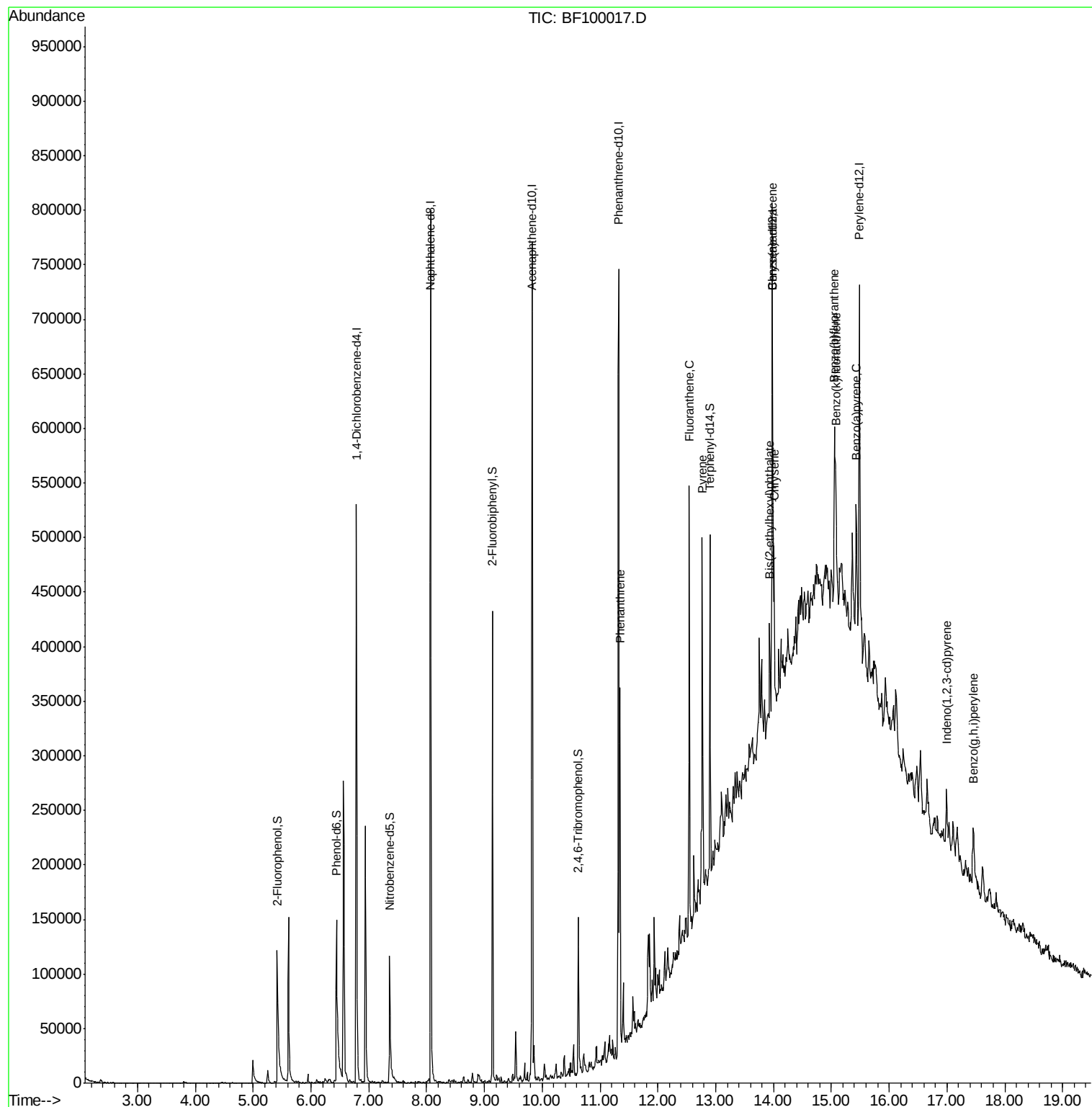
Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100017.D
Acq On : 31 Oct 2017 21:25
Operator : SJ/JU
Sample : I6056-02 5X
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SED-1

Manual Integrations
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QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration





#1

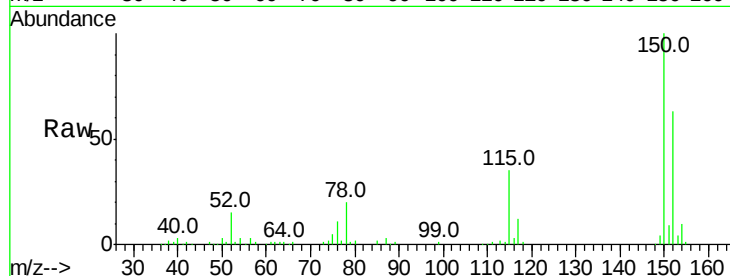
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100017.D
Acq: 31 Oct 2017 21:25

Instrument :
BNA_F
ClientSampled :
SED-1

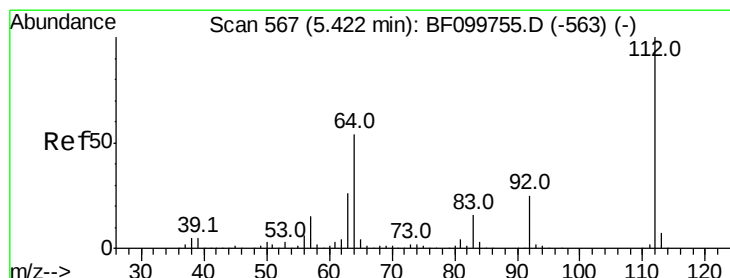
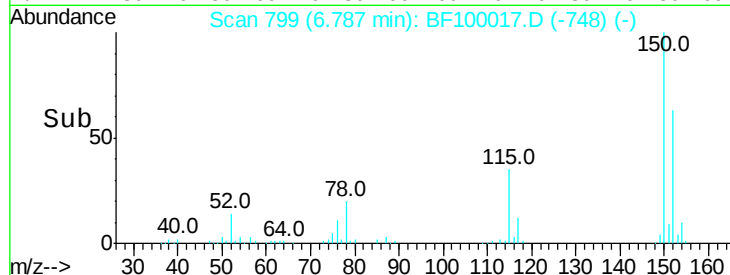
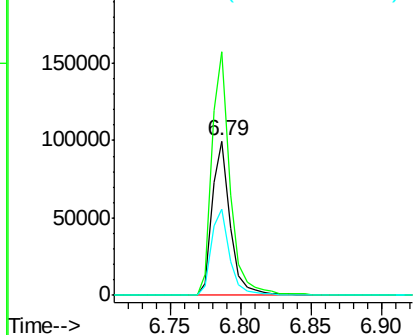
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	55.5	50.1	75.1

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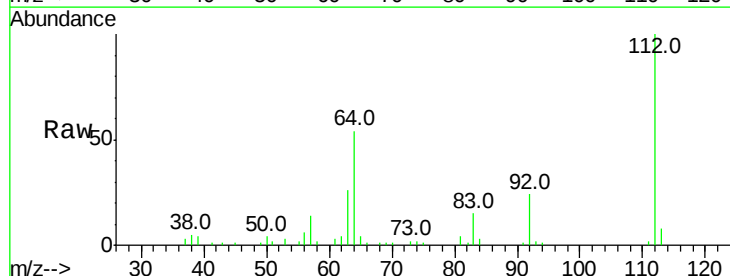
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



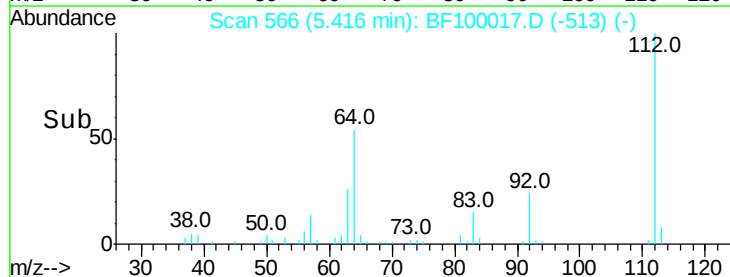
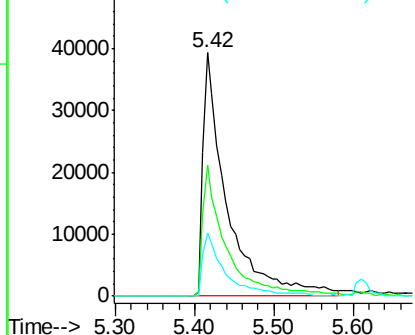
#5

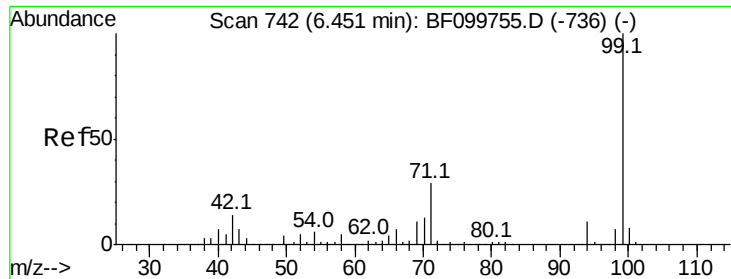
2-Fluorophenol
Concen: 14.653 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF100017.D
Acq: 31 Oct 2017 21:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	47.9	71.9
63	26.1	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 15.313 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF100017.D

Acq: 31 Oct 2017 21:25

Instrument :

BNA_F

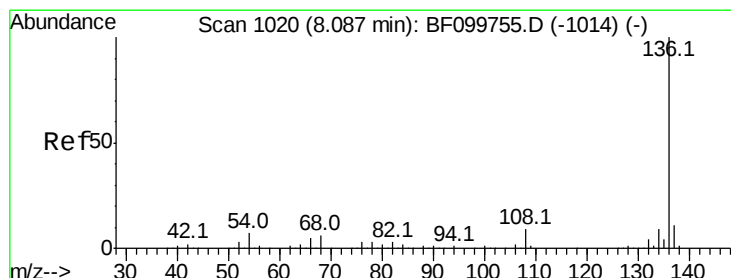
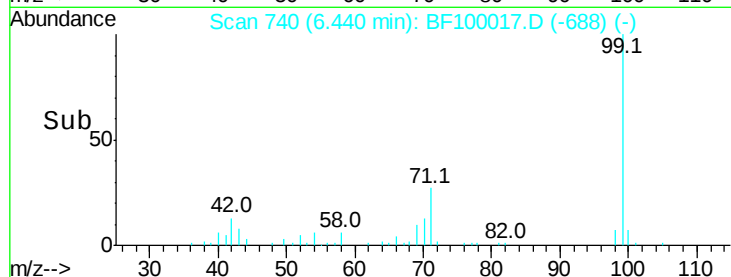
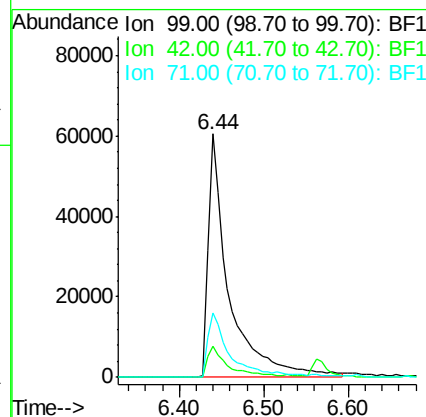
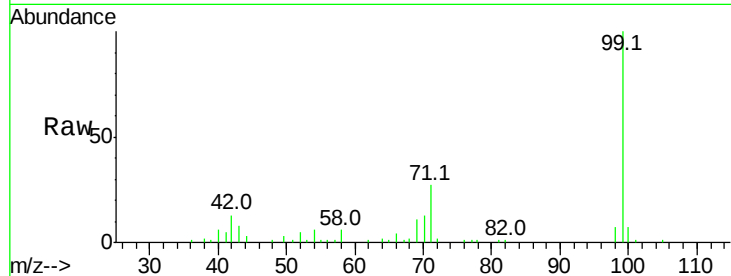
ClientSampleId :

SED-1

Tot Ion:	99	Resp:	103173
Ion Ratio	Lower	Upper	
99	100		
42	12.6	14.5	21.7#
71	26.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

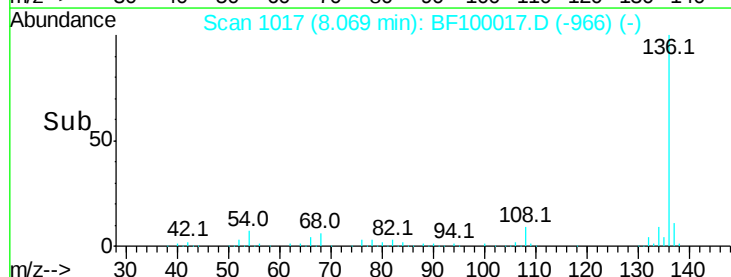
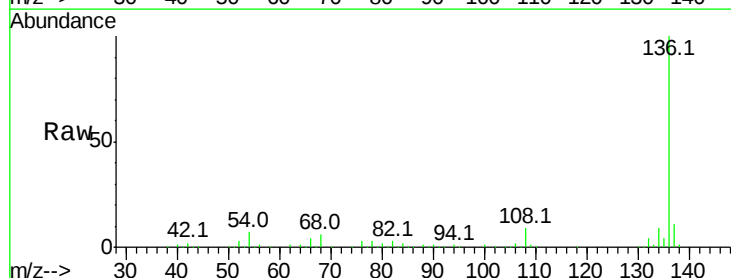
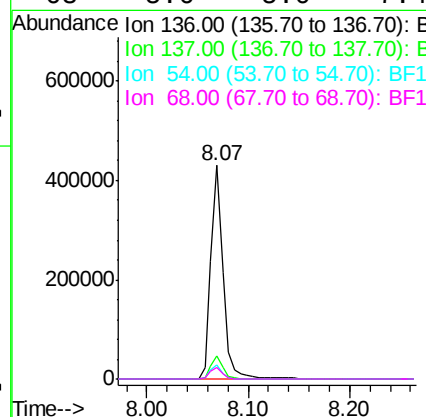
RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF100017.D

Acq: 31 Oct 2017 21:25

Tgt Ion:	136	Resp:	360757
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	6.5	6.6	9.8#
68	5.6	5.0	7.4





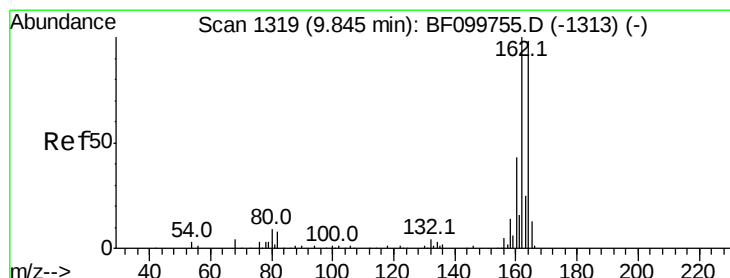
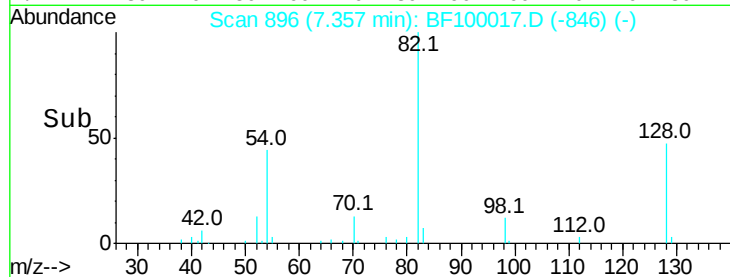
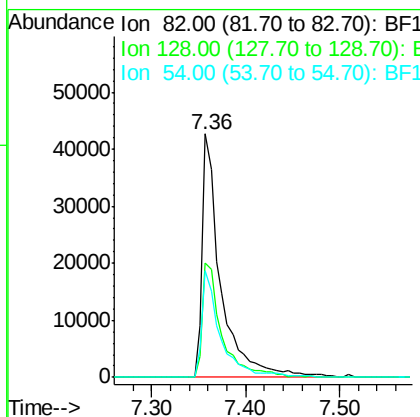
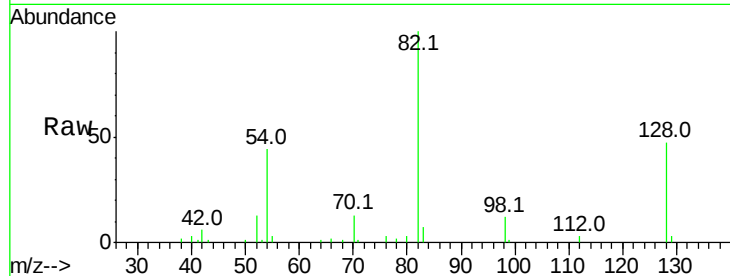
#23
 Nitrobenzene-d5
 Concen: 10.539 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100017.D
 Acq: 31 Oct 2017 21:25

Instrument :
 BNA_F
 ClientSampled :
 SED-1

Tot Ion:	82	Resp:	59054
Ion Ratio	Lower	Upper	
82	100		
128	47.2	36.1	54.1
54	43.6	41.4	62.2

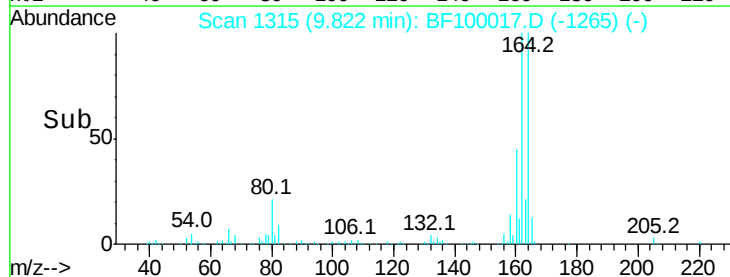
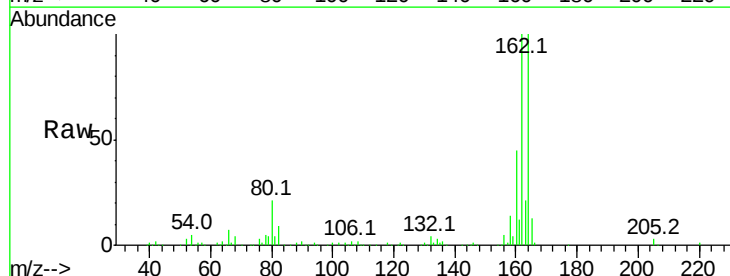
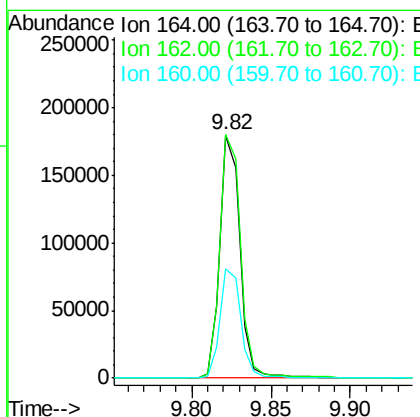
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF100017.D
 Acq: 31 Oct 2017 21:25

Tgt Ion:	164	Resp:	158396
Ion Ratio	Lower	Upper	
164	100		
162	100.4	86.1	129.1
160	45.3	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 13.297 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF100017.D

Acq: 31 Oct 2017 21:25

Instrument :

BNA_F

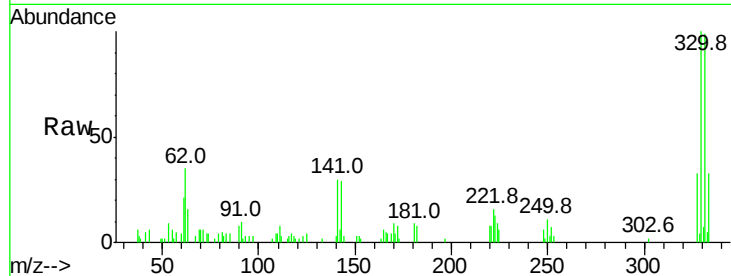
ClientSampled :

SED-1

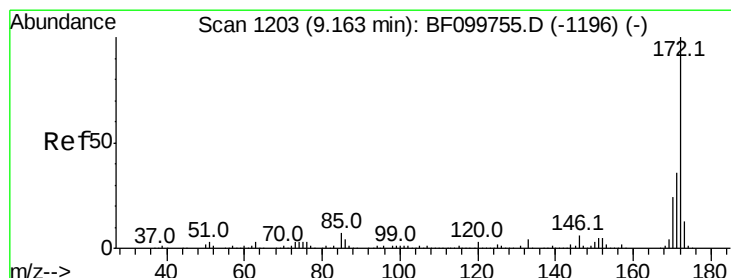
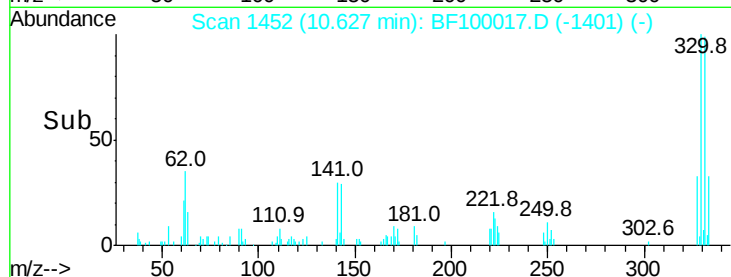
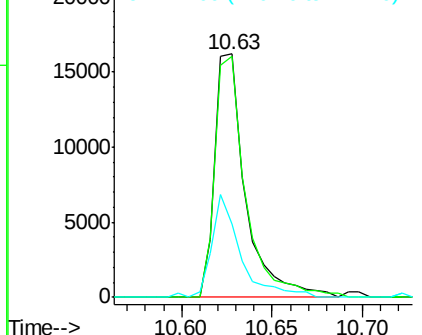
Tot Ion:	330	Resp:	19194
Ion Ratio	Lower	Upper	
330	100		
332	99.1	77.0	115.6
141	39.4	29.9	44.9

Manual Integrations
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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: 12.534 ng

RT: 9.14 min Scan# 1199

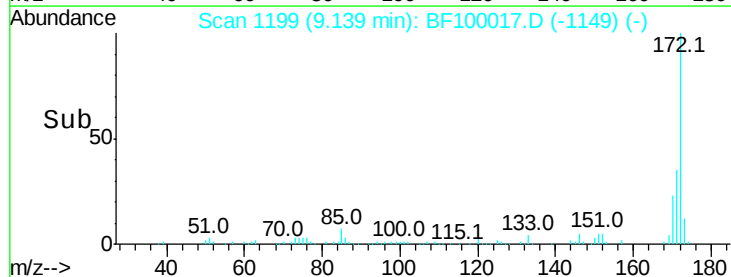
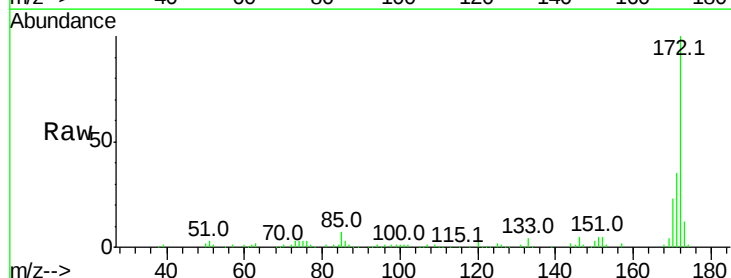
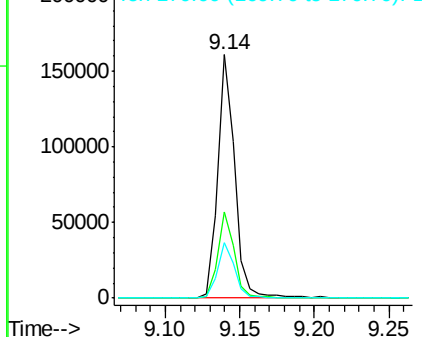
Delta R.T. -0.01 min

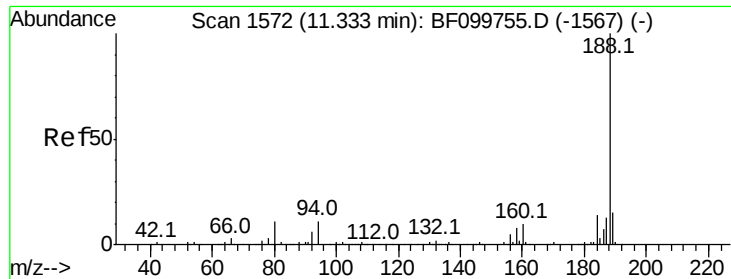
Lab File: BF100017.D

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Tgt Ion:	172	Resp:	128677
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.7	44.5
170	22.6	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





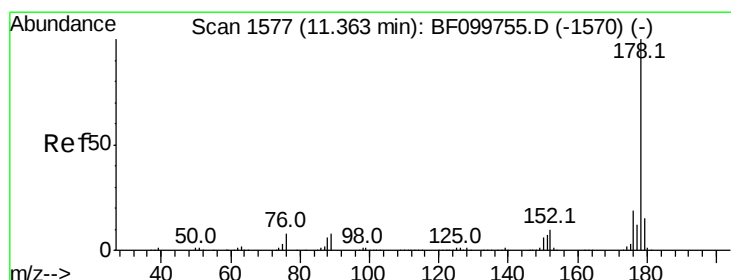
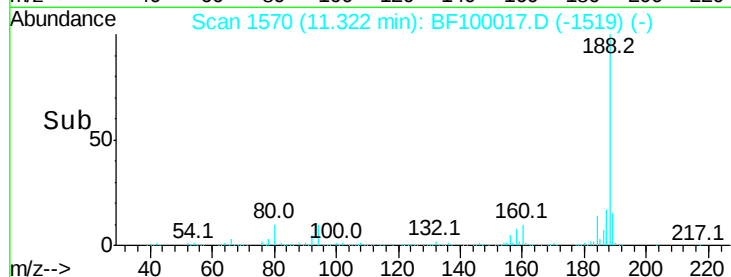
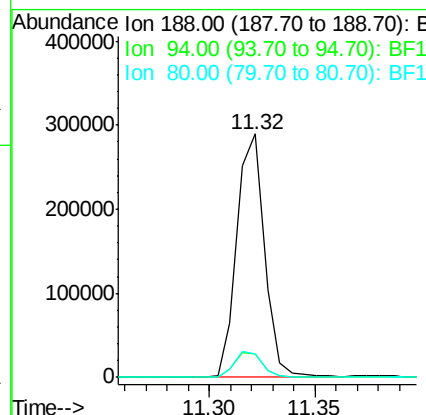
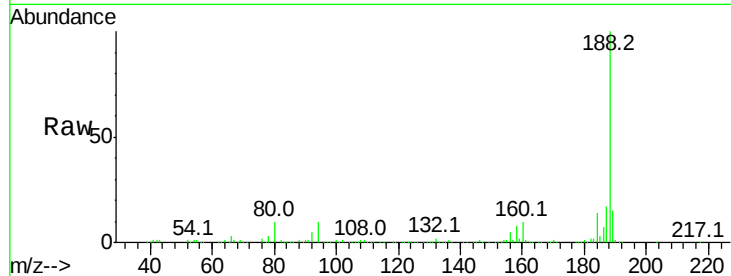
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100017.D
Acq: 31 Oct 2017 21:25

Instrument :
BNA_F
ClientSampleId :
SED-1

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	8.5	12.7
80	9.7	9.2	13.8

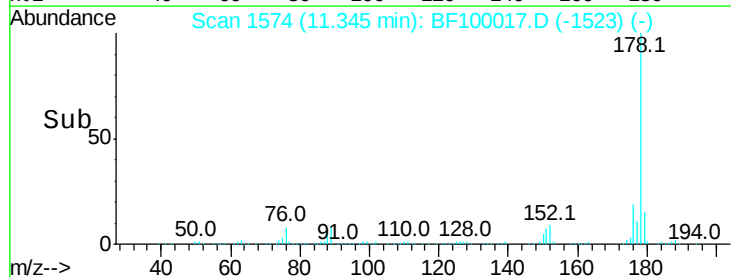
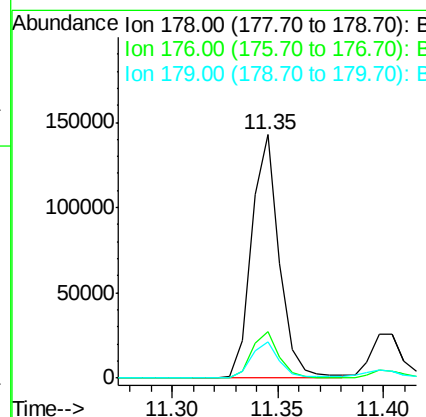
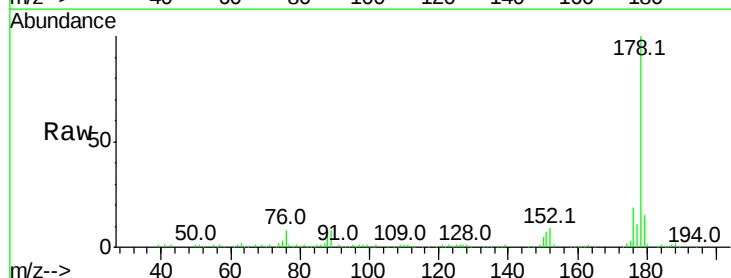
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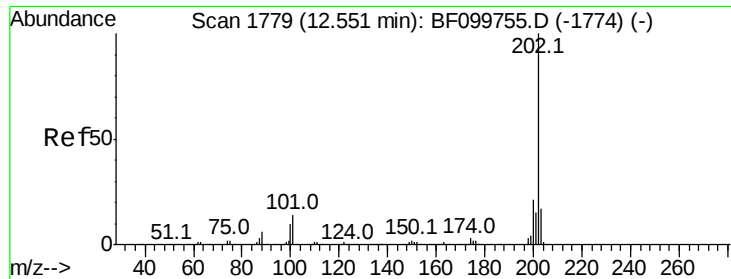
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#70
Phenanthrene
Concen: 8.779 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF100017.D
Acq: 31 Oct 2017 21:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.0	15.8	23.8
179	14.9	13.0	19.6





#74

Fluoranthene

Concen: 10.782 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF100017.D

Acq: 31 Oct 2017 21:25

Instrument :

BNA_F

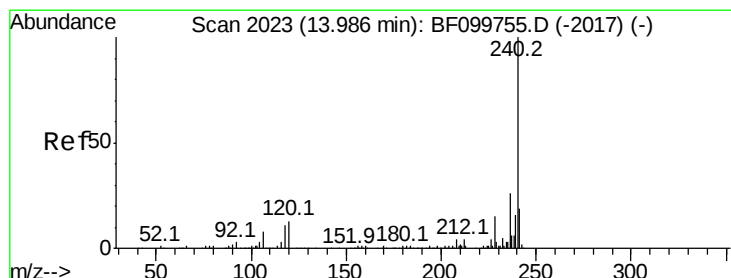
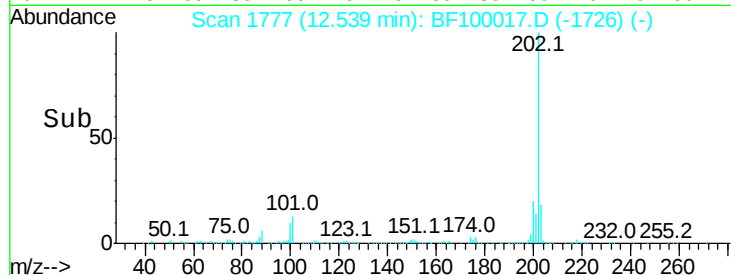
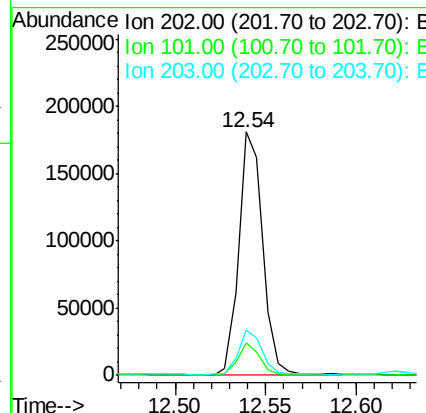
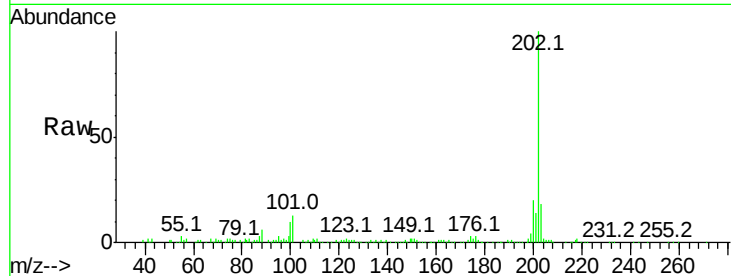
ClientSampled :

SED-1

Tot Ion:	202	Resp:	166281
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	34.1
203	18.4	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

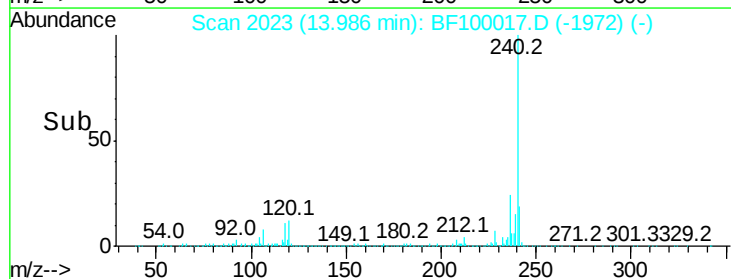
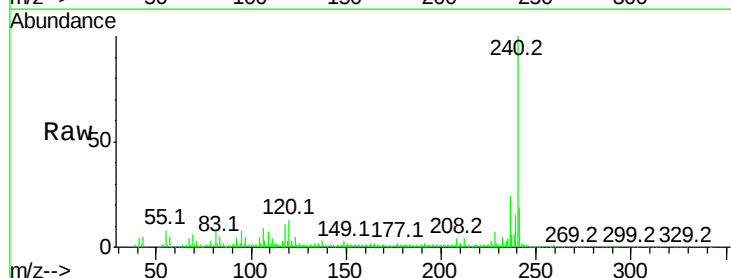
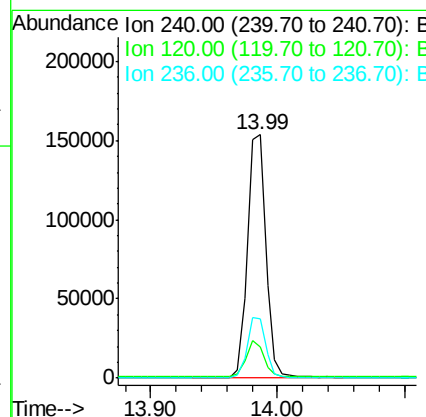
RT: 13.99 min Scan# 2023

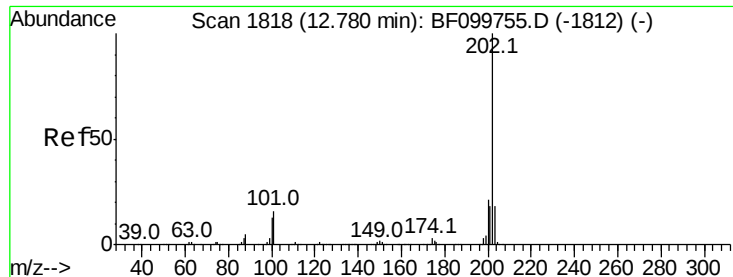
Delta R.T. 0.00 min

Lab File: BF100017.D

Acq: 31 Oct 2017 21:25

Tgt Ion:	240	Resp:	155800
Ion Ratio	Lower	Upper	
240	100		
120	12.5	9.5	14.3
236	24.1	20.7	31.1





#77

Pvrene

Concen: 12.406 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF100017.D

Acq: 31 Oct 2017 21:25

Instrument :

BNA_F

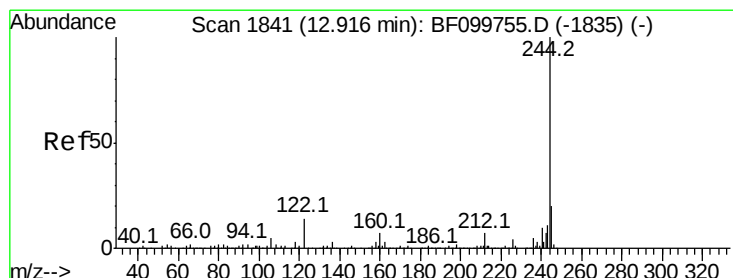
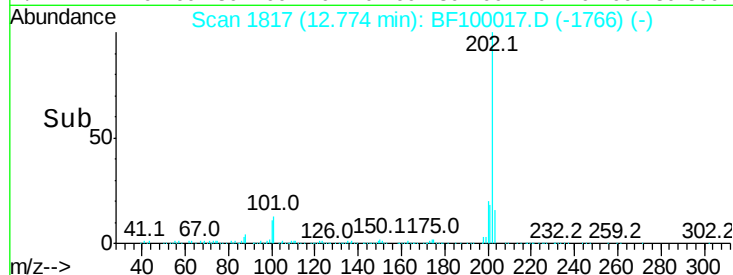
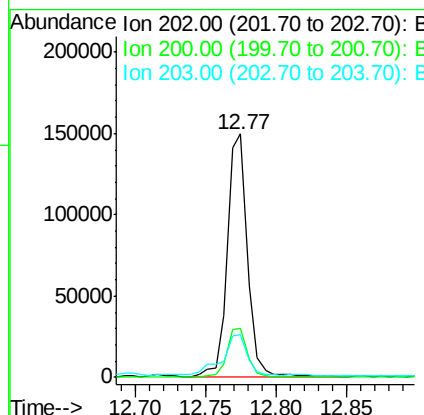
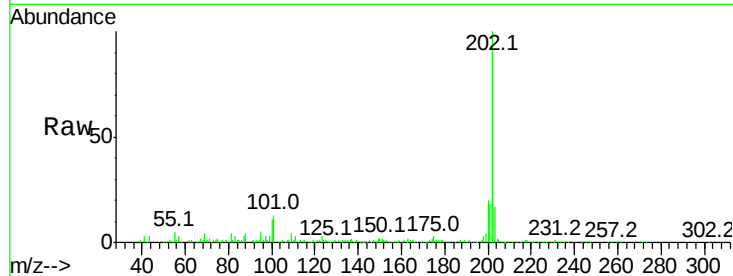
ClientSampleId :

SED-1

Tot Ion:	202	Resp:	146977
Ion Ratio		Lower	Upper
202	100		
200	20.2	17.4	26.2
203	17.4	14.3	21.5

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#78

Terphenyl-d14

Concen: 12.170 ng

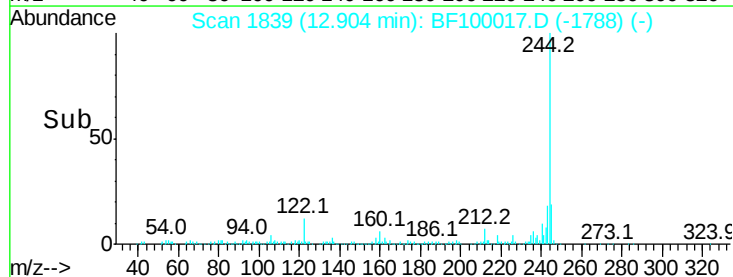
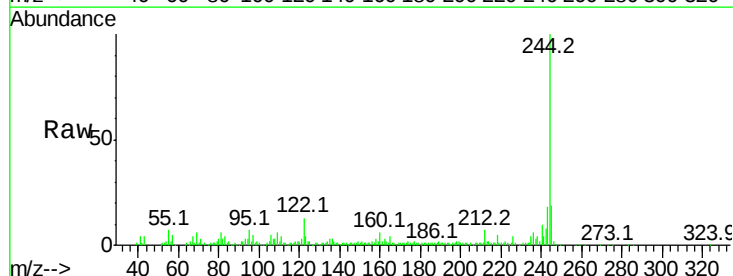
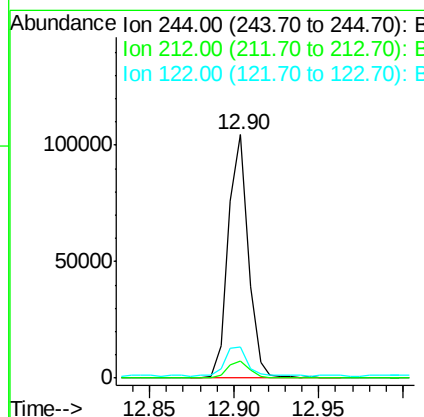
RT: 12.90 min Scan# 1839

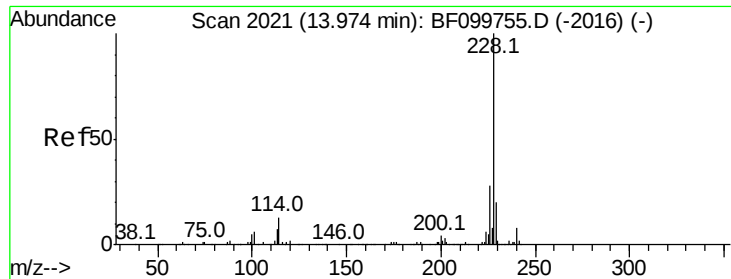
Delta R.T. 0.00 min

Lab File: BF100017.D

Acq: 31 Oct 2017 21:25

Tgt Ion:	244	Resp:	86762
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.8	11.0	16.4





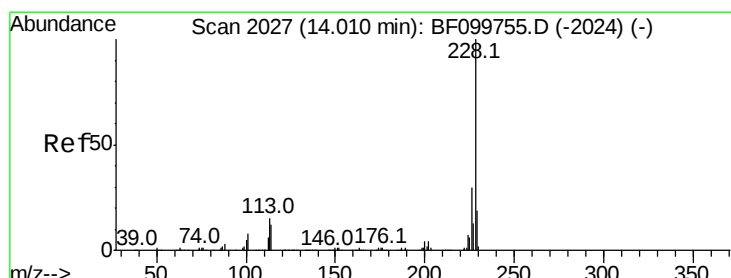
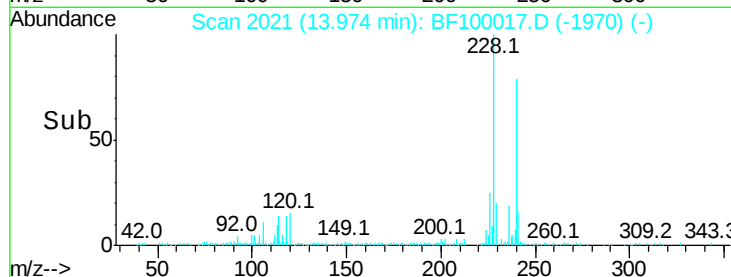
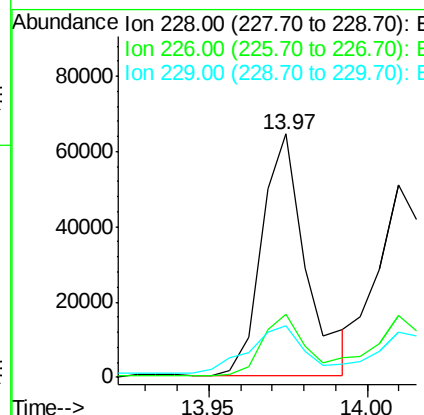
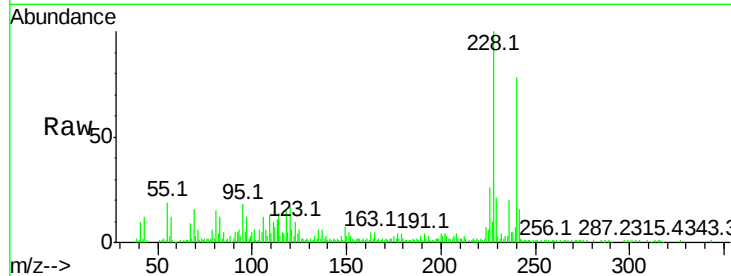
#80
Benzo(a)anthracene
Concen: 6.349 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF100017.D
Acq: 31 Oct 2017 21:25

Instrument :
BNA_F
ClientSampleId :
SED-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.0	22.6	33.8
229	21.2	15.8	23.6

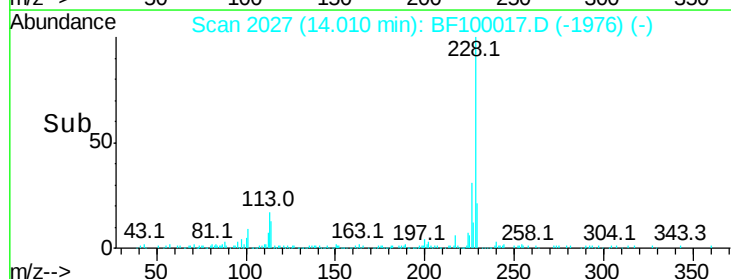
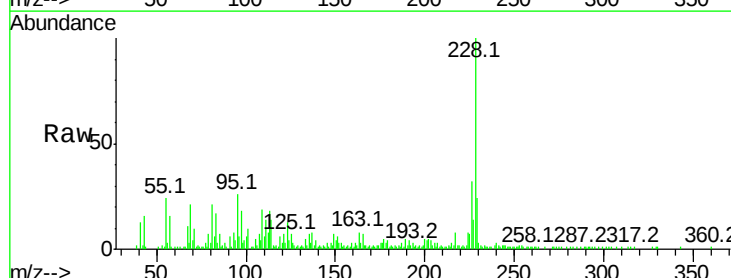
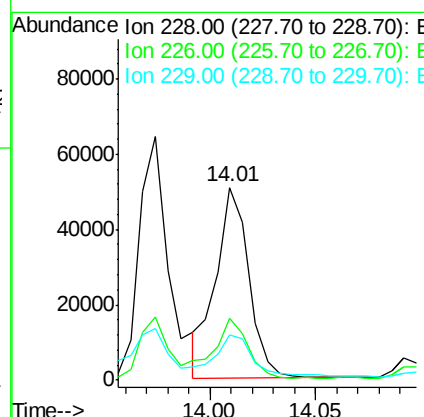
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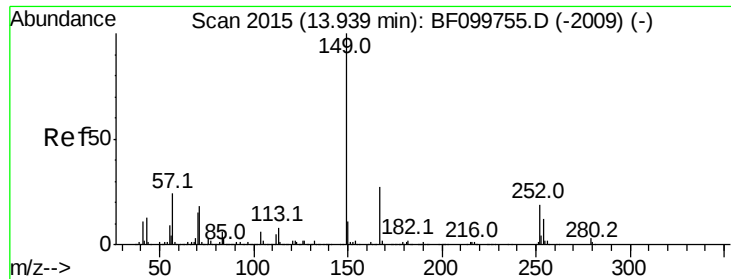
Sohil
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#82
Chrysene
Concen: 5.949 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF100017.D
Acq: 31 Oct 2017 21:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	23.7	16.2	24.4





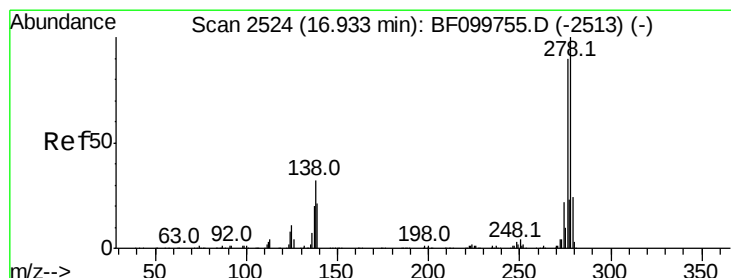
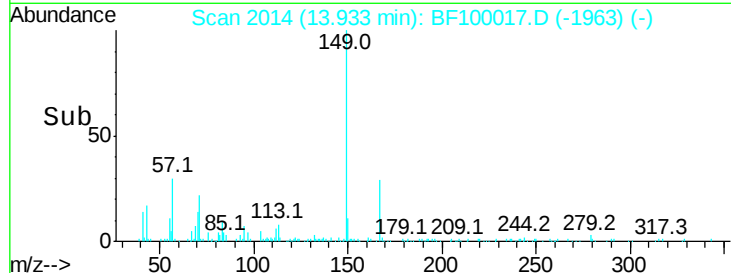
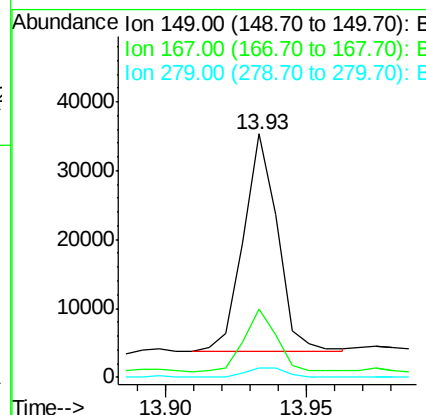
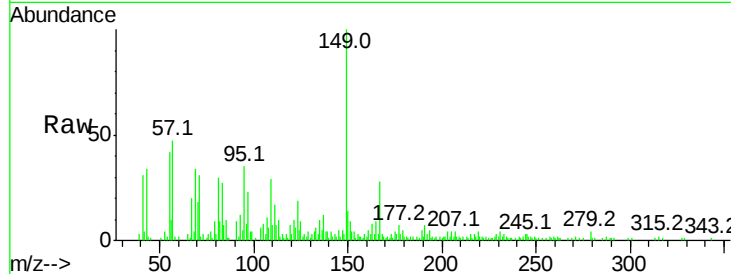
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.216 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF100017.D
 Acq: 31 Oct 2017 21:25

Instrument :
 BNA_F
 ClientSampleId :
 SED-1

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.3	31.9
279	3.9	3.0	4.4

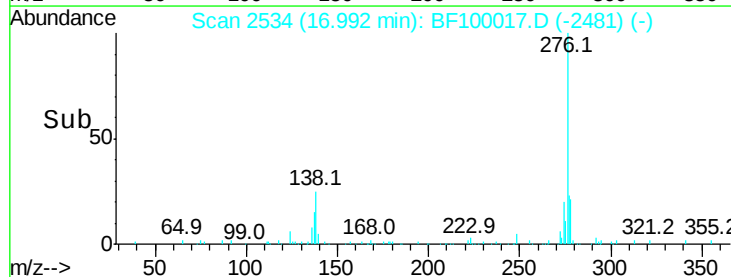
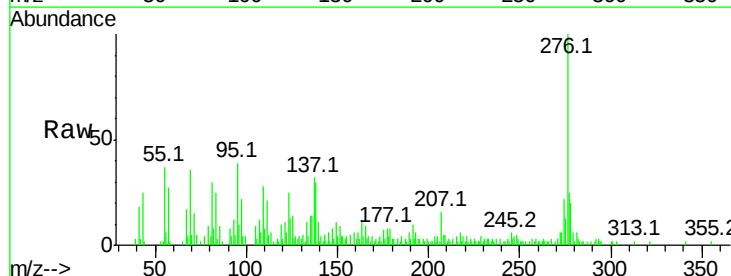
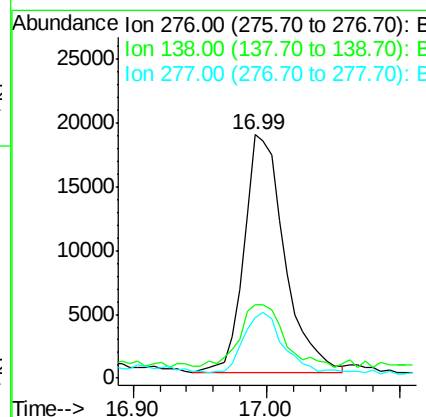
Manual Integrations
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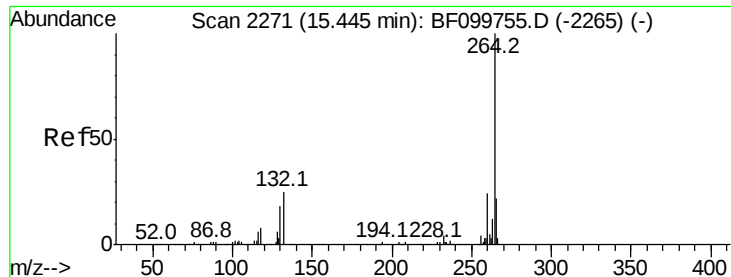
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.597 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. 0.01 min
 Lab File: BF100017.D
 Acq: 31 Oct 2017 21:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.8	25.0	37.6
277	24.6	20.1	30.1





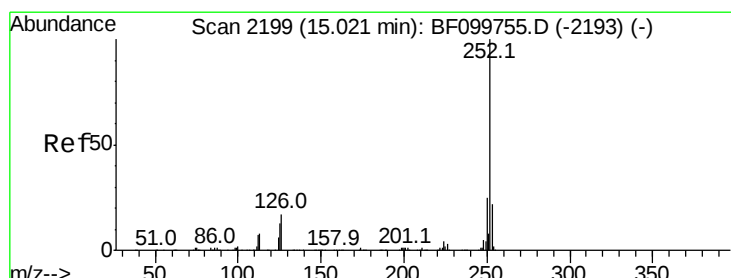
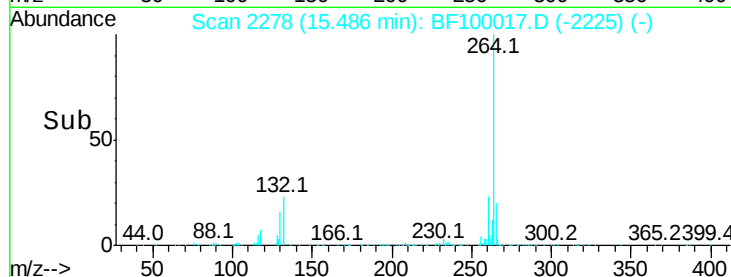
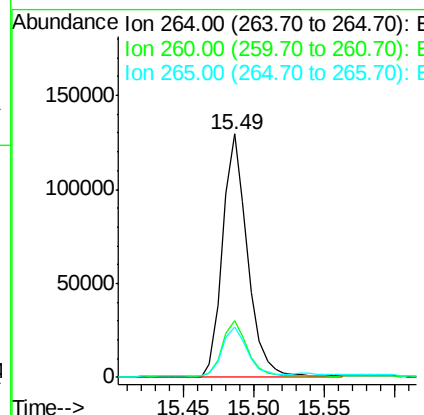
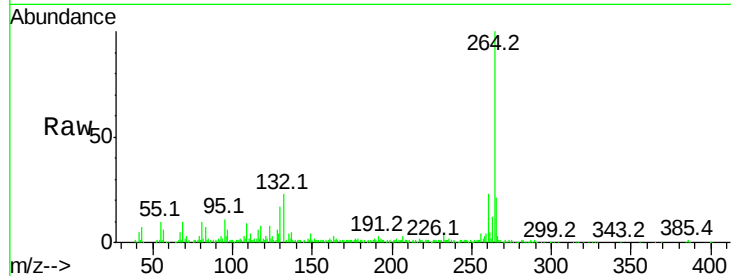
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF100017.D
Acq: 31 Oct 2017 21:25

Instrument :
BNA_F
ClientSampleId :
SED-1

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.6	17.5	26.3

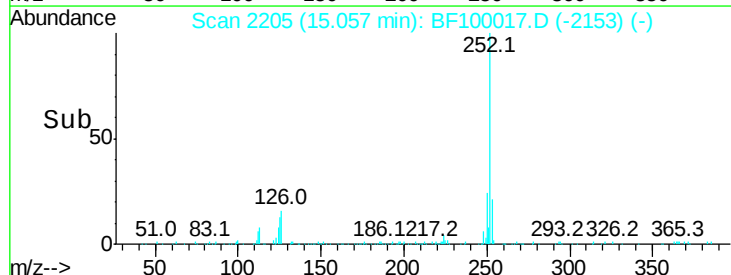
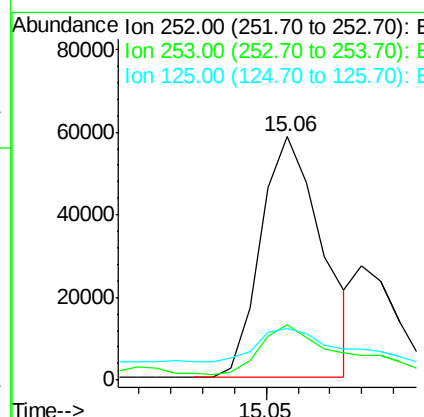
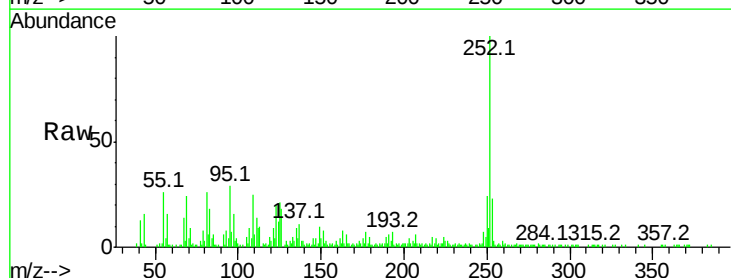
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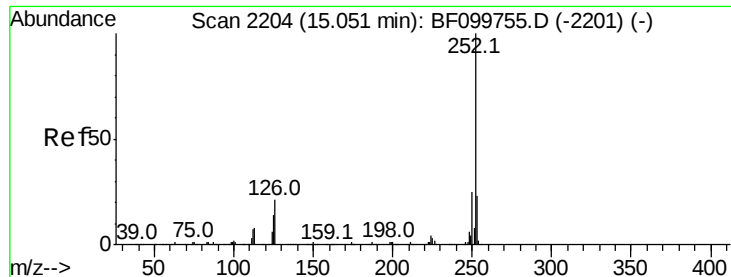
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#87
Benzo(b)fluoranthene
Concen: 7.789 ng m
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF100017.D
Acq: 31 Oct 2017 21:25

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.8	17.0	25.6
125	21.3	9.0	13.6#





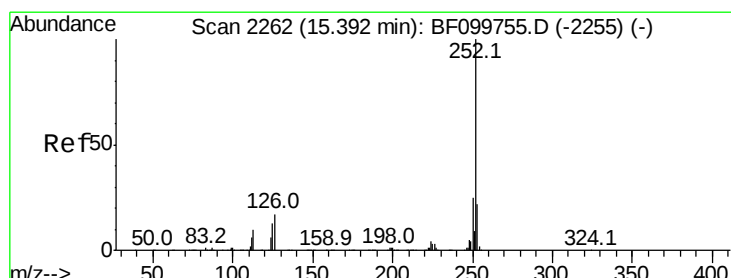
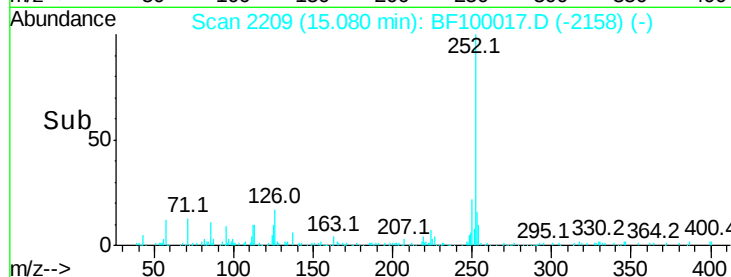
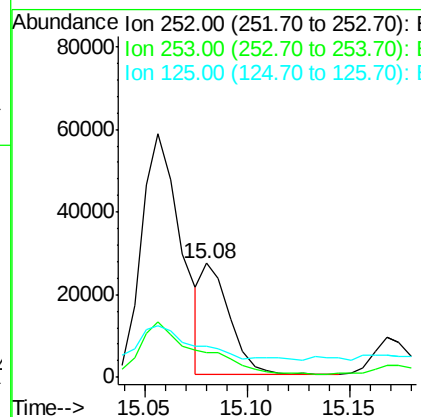
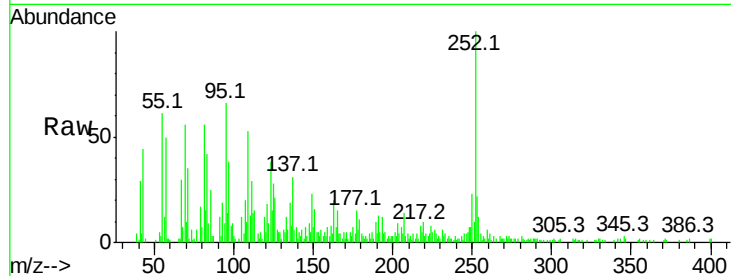
#88
Benzo(k)fluoranthene
Concen: 2.788 ng m
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF100017.D
Acq: 31 Oct 2017 21:25

Instrument :
BNA_F
ClientSampleId :
SED-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	27.8	10.2	15.2

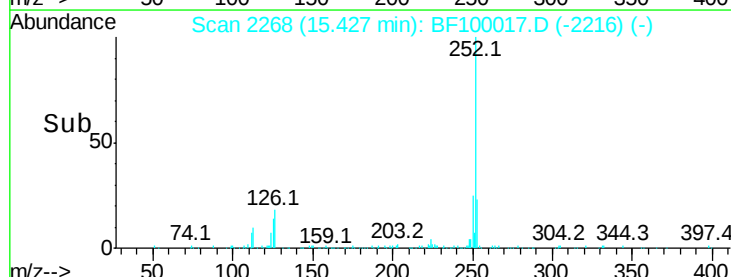
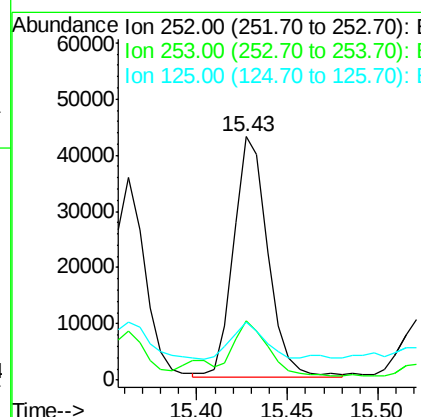
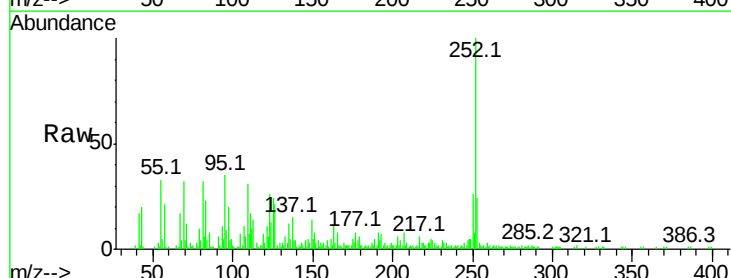
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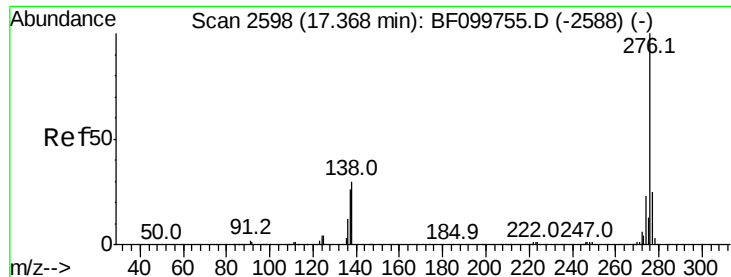
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#89
Benzo(a)pyrene
Concen: 6.295 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF100017.D
Acq: 31 Oct 2017 21:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	23.8	9.8	14.6





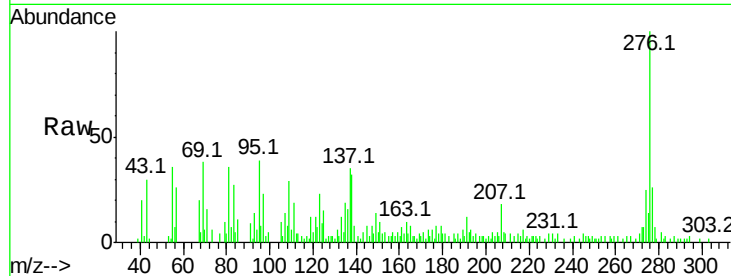
#91
 Benzo(a,h,i)perylene
 Concen: 5.190 ng
 RT: 17.46 min Scan# 2613
 Delta R.T. 0.04 min
 Lab File: BF100017.D
 Acq: 31 Oct 2017 21:25

Instrument :
 BNA_F
 ClientSampleId :
 SED-1

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.5	17.9	26.9
138	32.1	21.8	32.8

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

