

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100018.D
 Acq On : 31 Oct 2017 21:51
 Operator : SJ/JU
 Sample : I6056-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SED-2

Manual Integrations
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Sohil
 11/1/2017 2:37:54 PM

Quant Time: Nov 01 05:35:37 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	91693	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	365400	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	162455	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	269092	20.00	ng	0.00
75) Chrysene-d12	13.98	240	161210	20.00	ng	0.00
86) Perylene-d12	15.47	264	166267	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	86491	14.81	ng	0.01
7) Phenol-d6	6.44	99	111042	16.03	ng	0.00
23) Nitrobenzene-d5	7.36	82	62038	10.93	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	19458	13.14	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	151549	14.39	ng	0.00
78) Terphenyl-d14	12.90	244	109155	14.80	ng	0.00
Target Compounds						
70) Phenanthrene	11.34	178	42793	2.818	ng	98
74) Fluoranthene	12.54	202	66435	4.210	ng	95
77) Pyrene	12.77	202	54864	4.476	ng	97
80) Benzo(a)anthracene	13.97	228	20599	2.016	ng	94
82) Chrysene	14.01	228	24403	2.540	ng	97
87) Benzo(b)fluoranthene	15.05	252	33257m	3.168	ng	
89) Benzo(a)pyrene	15.42	252	22200	2.354	ng	# 84

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

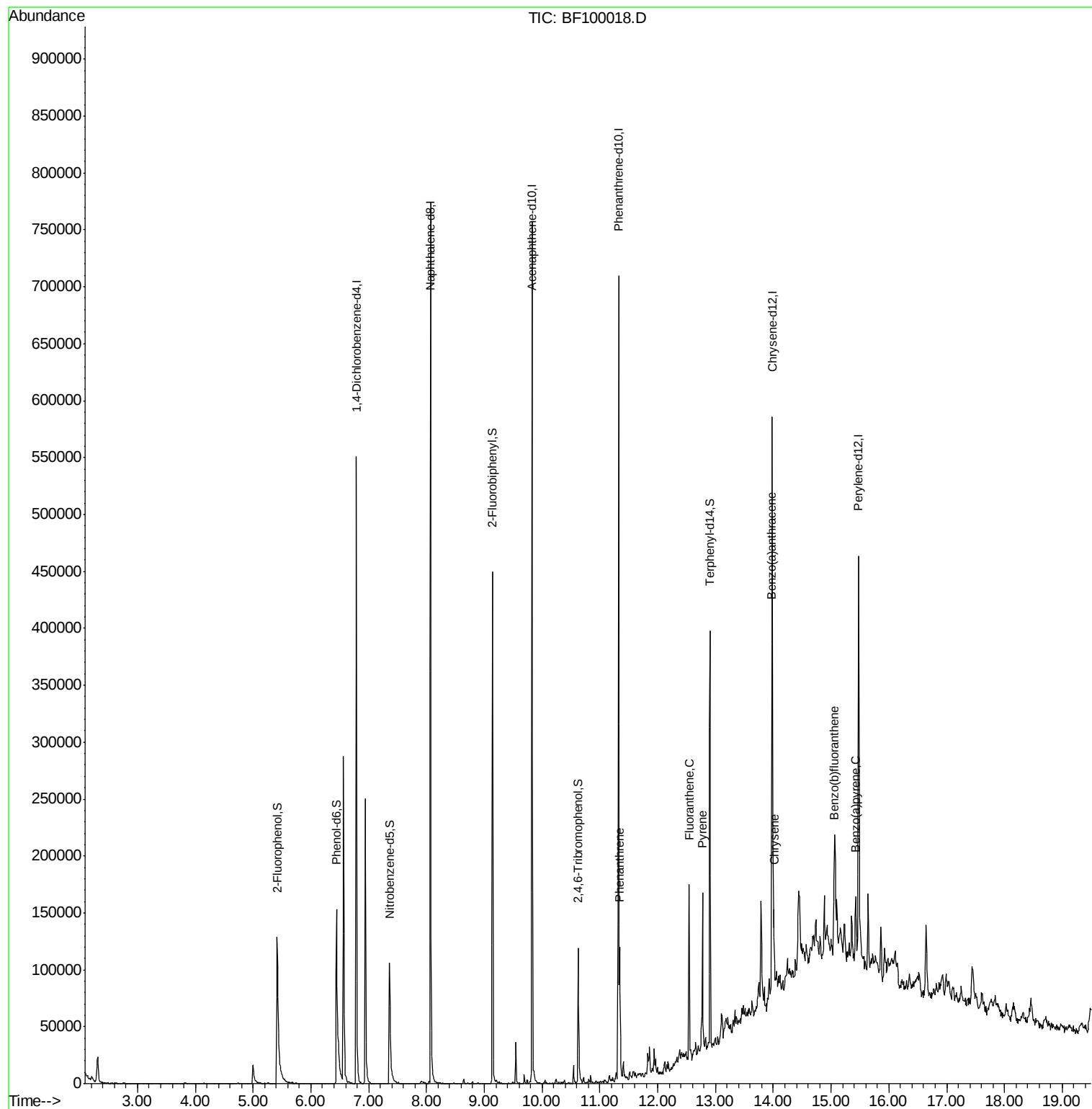
Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
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#1

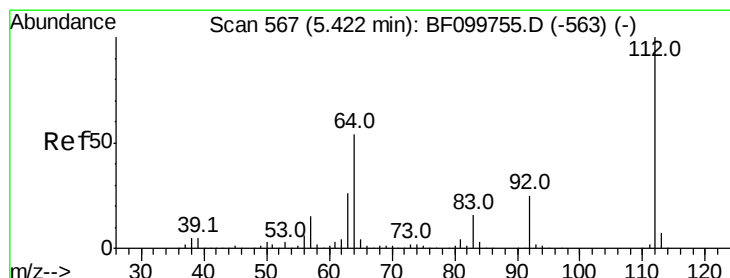
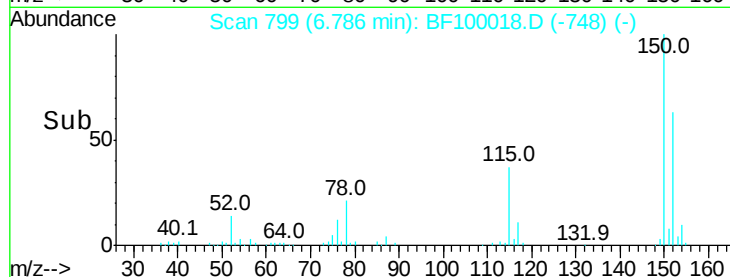
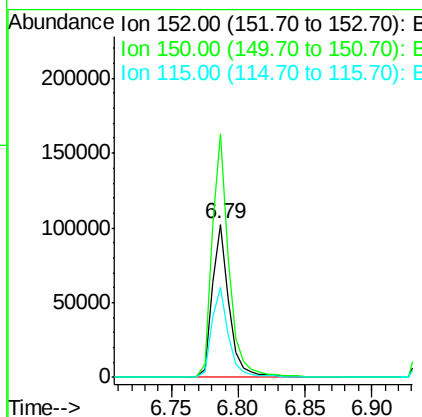
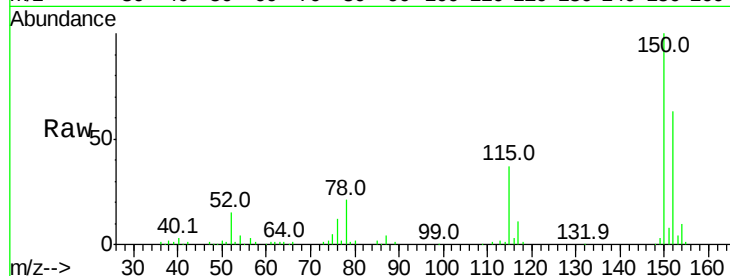
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF100018.D
Acq: 31 Oct 2017 21:51

Instrument :
BNA_F
ClientSampled :
SED-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	59.1	50.1	75.1

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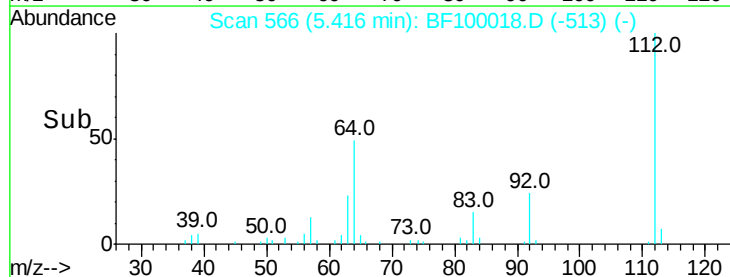
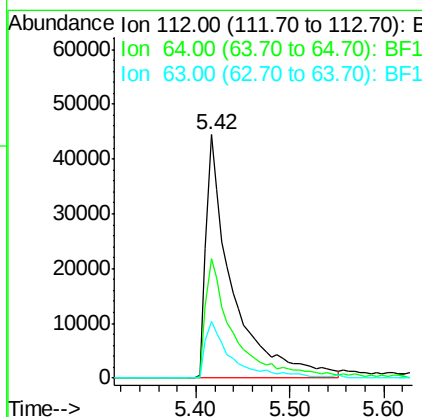
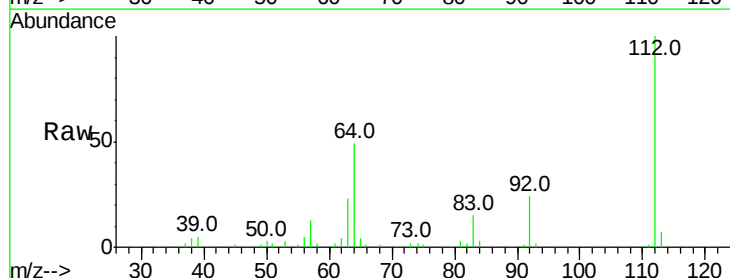
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#5

2-Fluorophenol
Concen: 14.809 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF100018.D
Acq: 31 Oct 2017 21:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.0	47.9	71.9
63	23.3	23.7	35.5#





#7

Phenol-d6

Concen: 16.035 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF100018.D

Acq: 31 Oct 2017 21:51

Instrument :

BNA_F

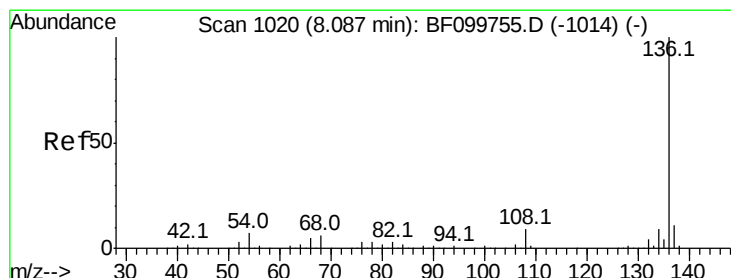
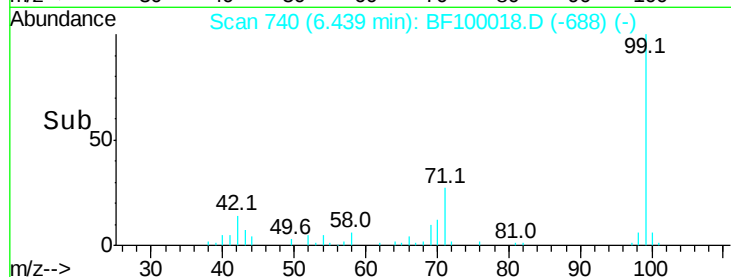
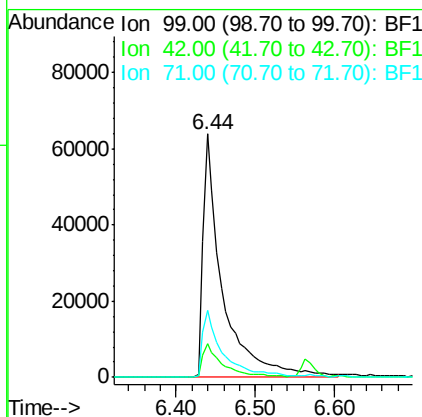
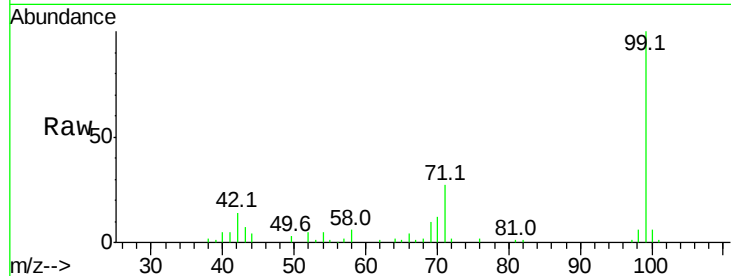
ClientSampled :

SED-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		111042		
42	13.7	14.5	21.7#		
71	27.4	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

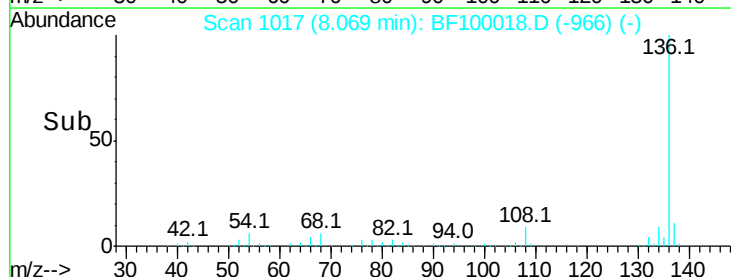
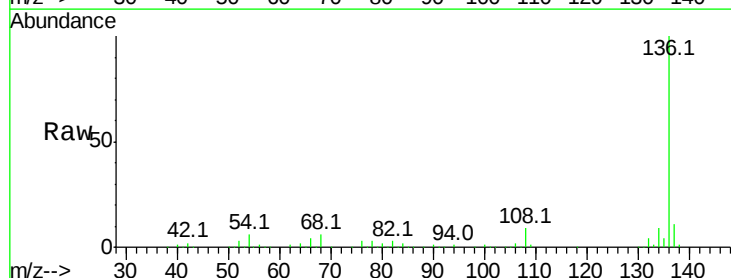
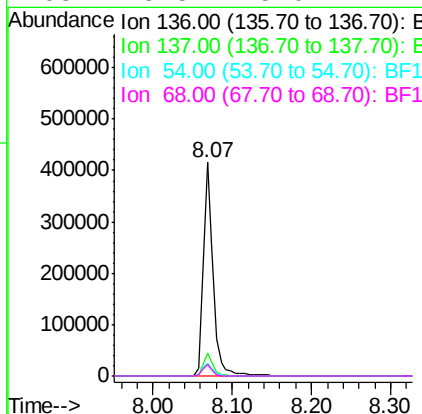
RT: 8.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF100018.D

Acq: 31 Oct 2017 21:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		365400		
137	11.0	8.9	13.3		
54	6.2	6.6	9.8#		
68	5.5	5.0	7.4		





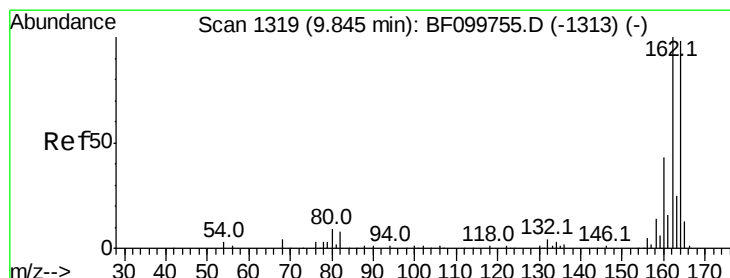
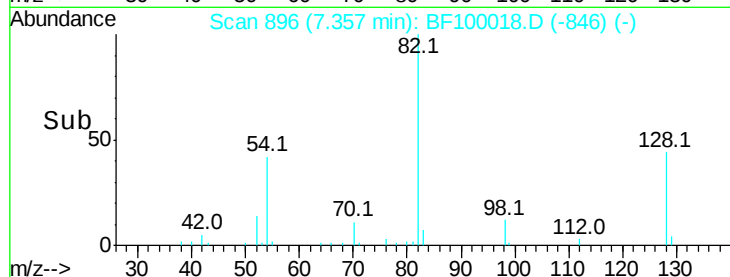
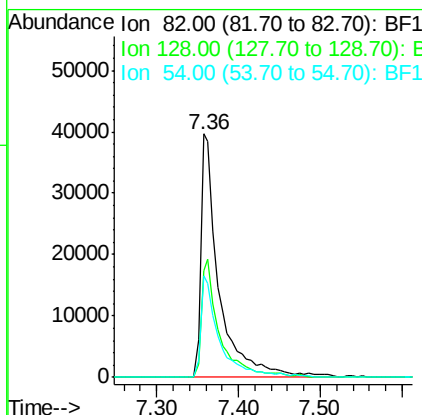
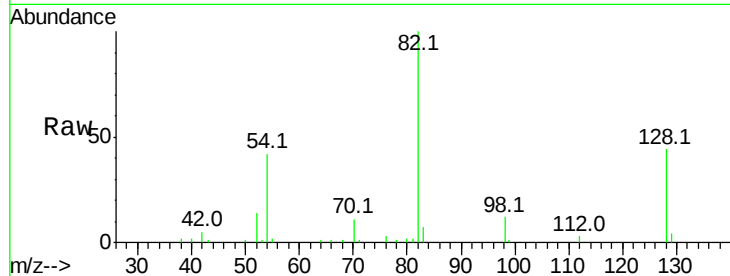
#23
 Nitrobenzene-d5
 Concen: 10.931 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100018.D
 Acq: 31 Oct 2017 21:51

Instrument :
 BNA_F
 ClientSampled :
 SED-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	41.9	41.4	62.2

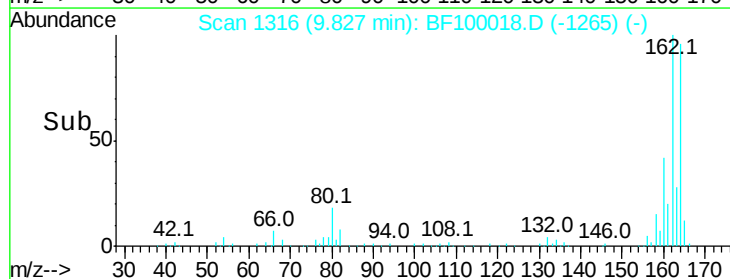
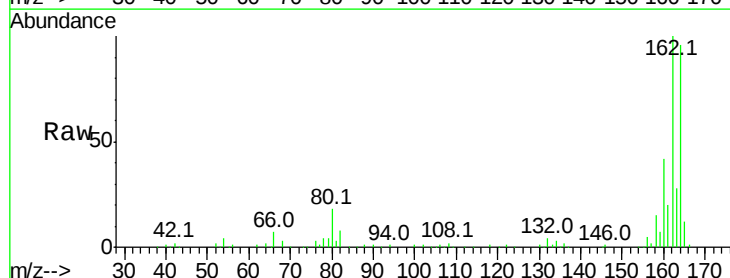
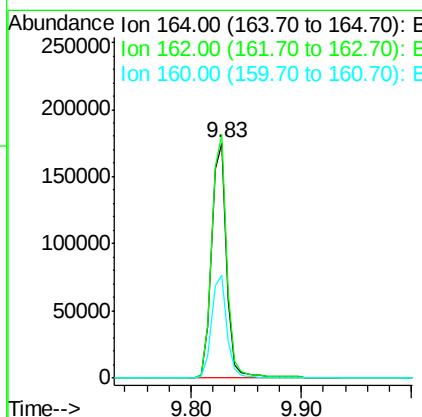
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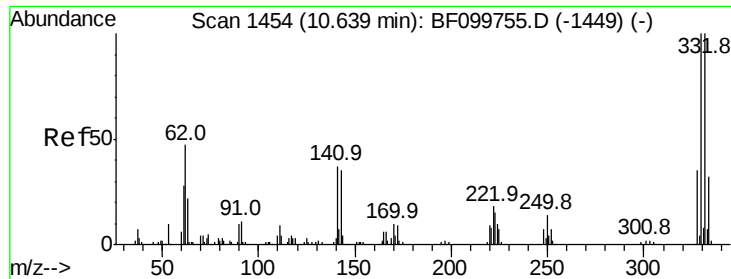
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF100018.D
 Acq: 31 Oct 2017 21:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	44.0	38.3	57.5





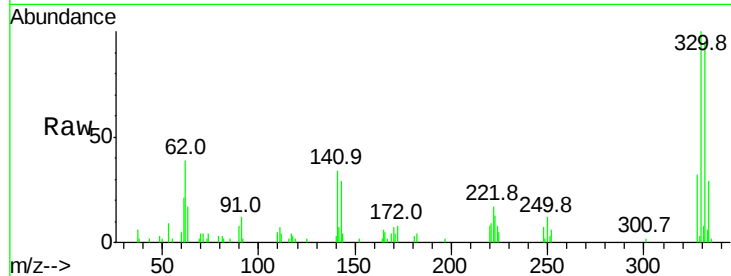
#41
 2,4,6-Tribromophenol
 Concen: 13.143 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF100018.D
 Acq: 31 Oct 2017 21:51

Instrument :
 BNA_F
 ClientSampled :
 SED-2

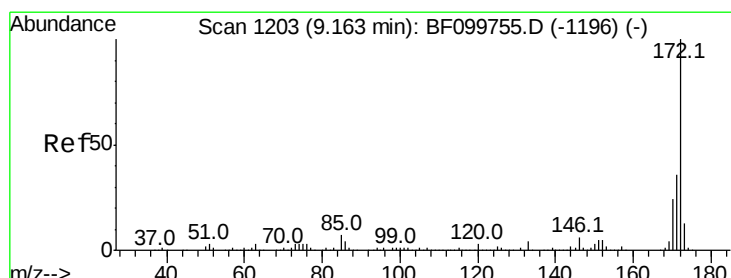
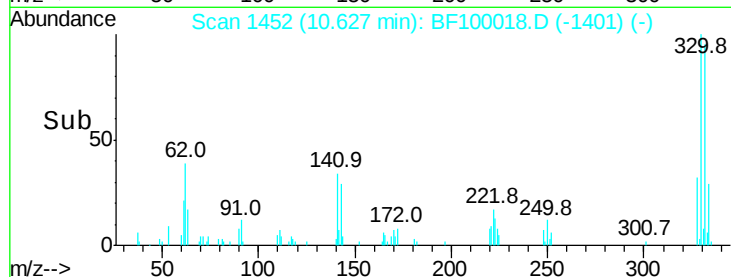
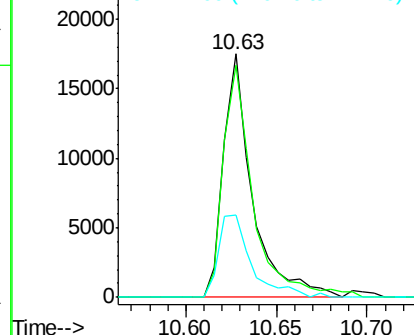
Tot Ion	Ratio	Resp	Lower	Upper
330	100	19458		
332	99.1	77.0	115.6	
141	38.2	29.9	44.9	

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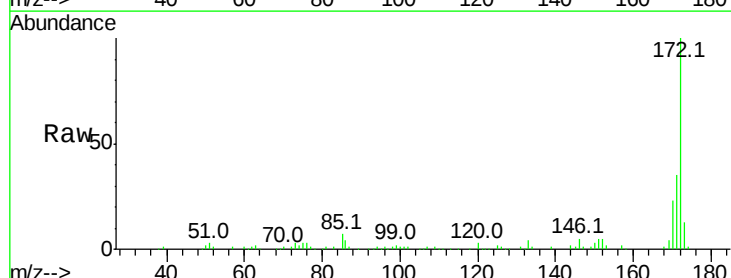


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

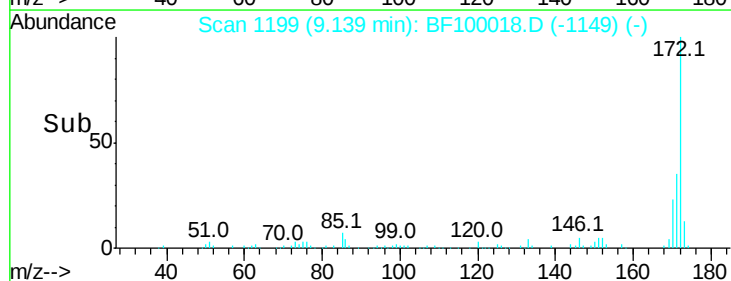
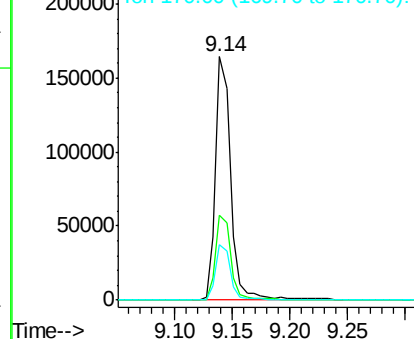


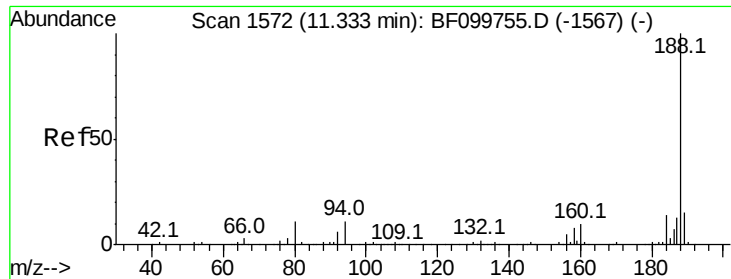
#44
 2-Fluorobiphenyl
 Concen: 14.393 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF100018.D
 Acq: 31 Oct 2017 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	151549		
171	34.9	29.7	44.5	
170	22.5	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





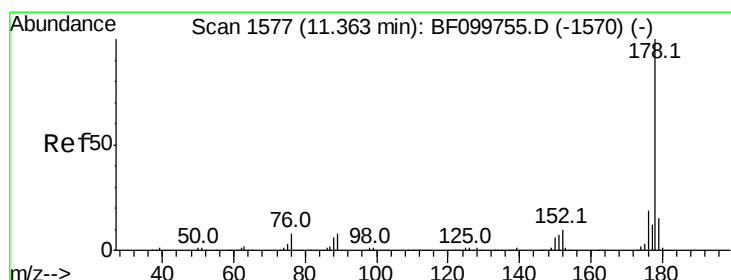
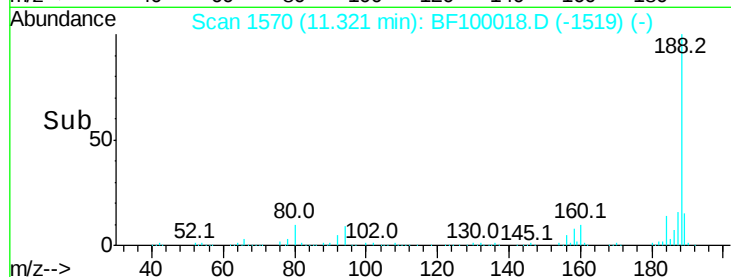
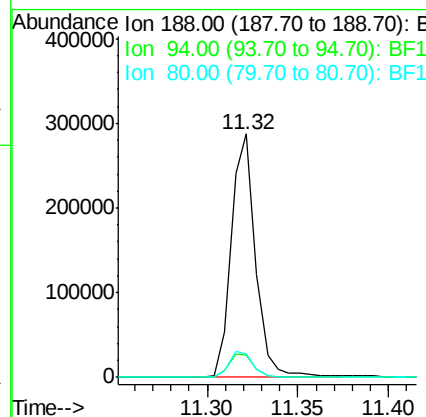
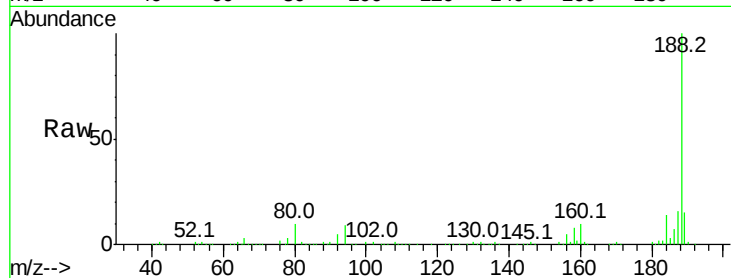
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF100018.D
Acq: 31 Oct 2017 21:51

Instrument :
BNA_F
ClientSampleId :
SED-2

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

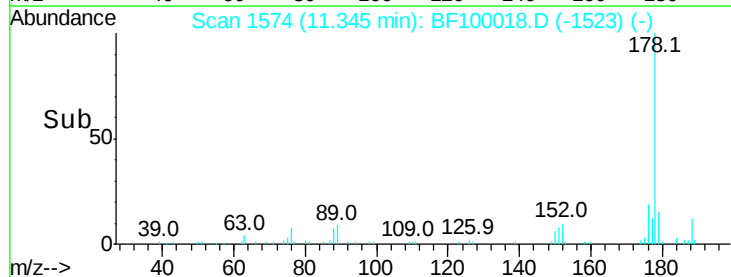
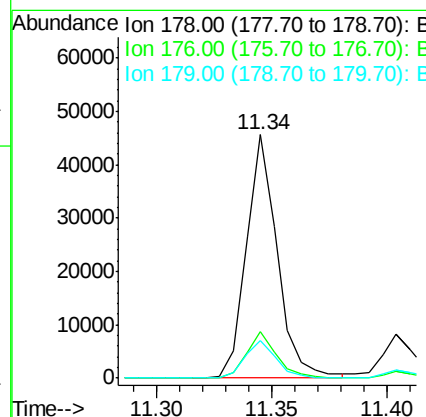
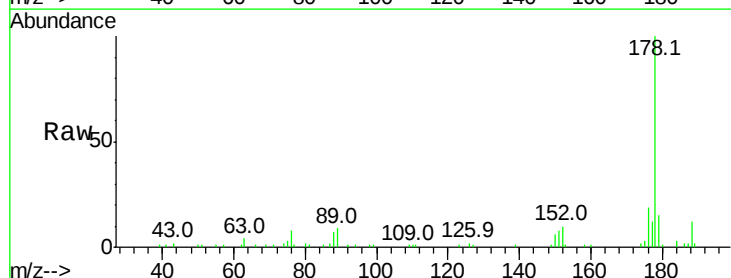
Manual Integrations
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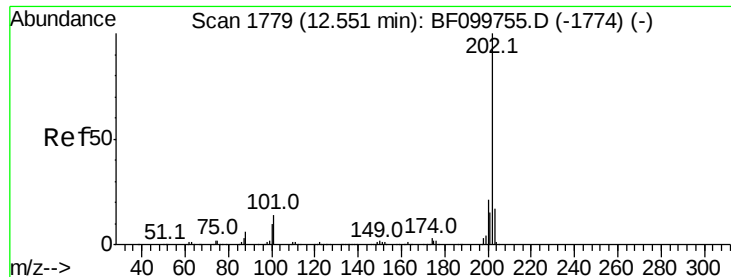
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#70
Phenanthrene
Concen: 2.818 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF100018.D
Acq: 31 Oct 2017 21:51

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.4	13.0	19.6





#74

Fluoranthene

Concen: 4.210 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF100018.D

Acq: 31 Oct 2017 21:51

Instrument :

BNA_F

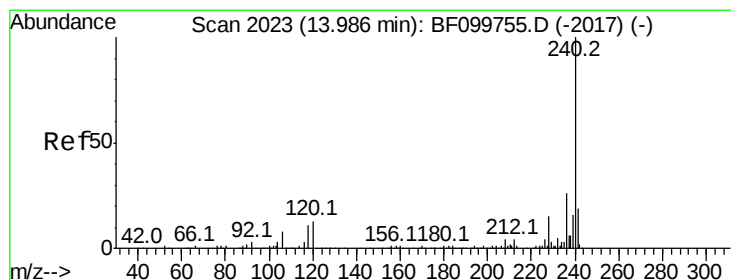
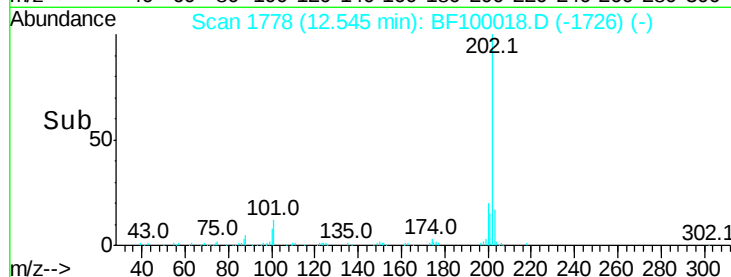
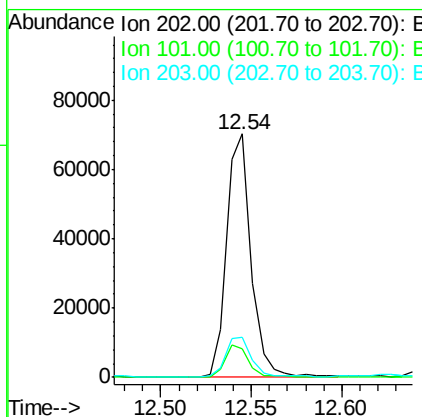
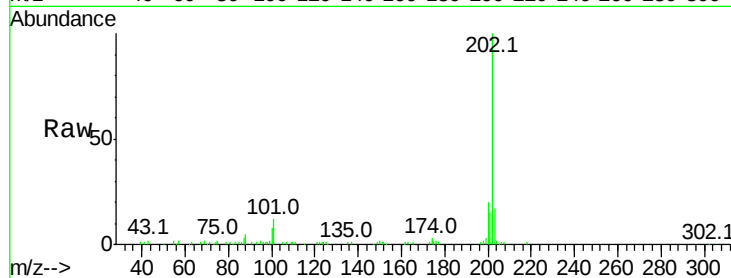
ClientSampleId :

SED-2

Tot Ion:	202	Resp:	66435
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	34.1
203	16.7	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

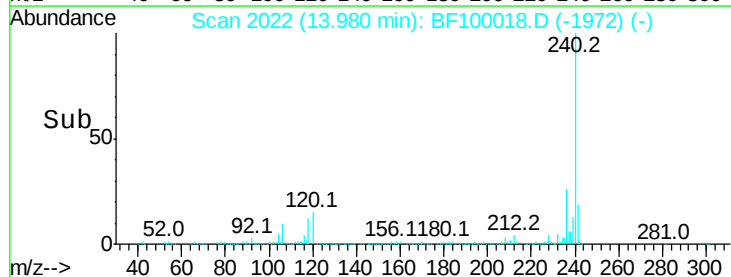
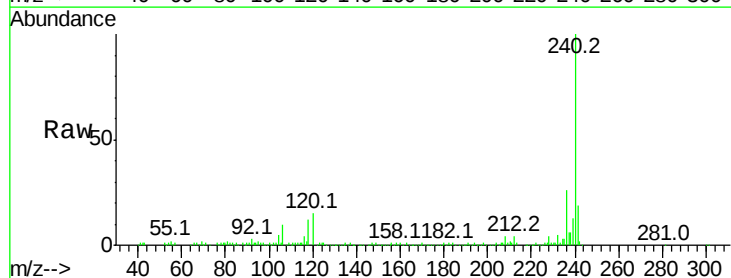
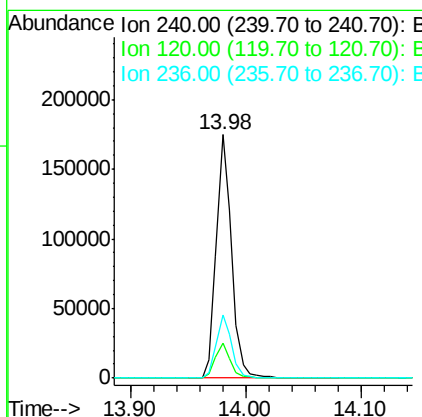
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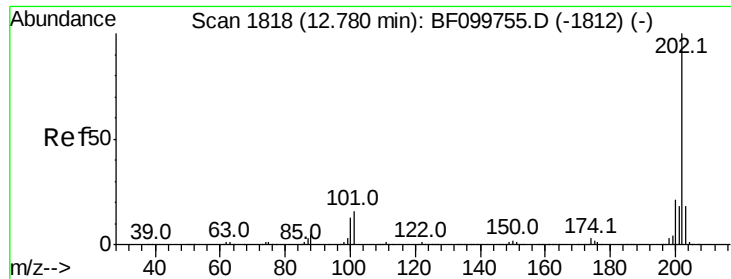
Delta R.T. -0.01 min

Lab File: BF100018.D

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Tgt Ion:	240	Resp:	161210
Ion Ratio	Lower	Upper	
240	100		
120	14.5	9.5	14.3#
236	25.7	20.7	31.1





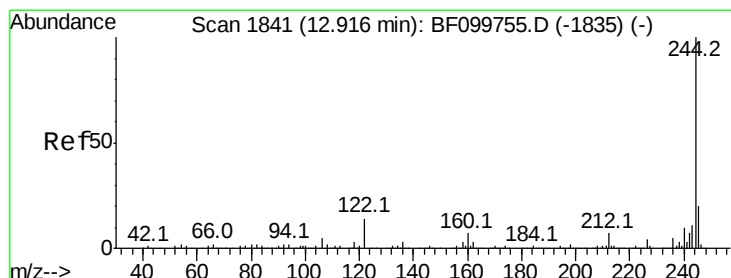
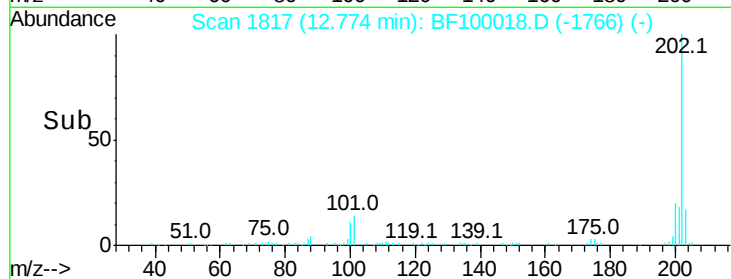
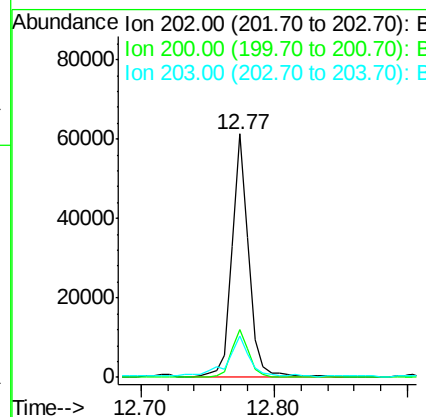
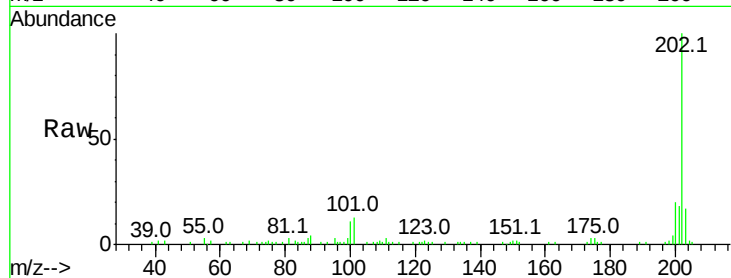
#77
Pvrene
Concen: 4.476 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF100018.D
Acq: 31 Oct 2017 21:51

Instrument :
BNA_F
ClientSampleId :
SED-2

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.4	26.2
203	17.2	14.3	21.5

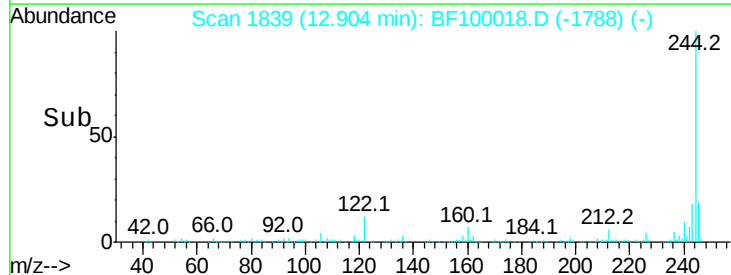
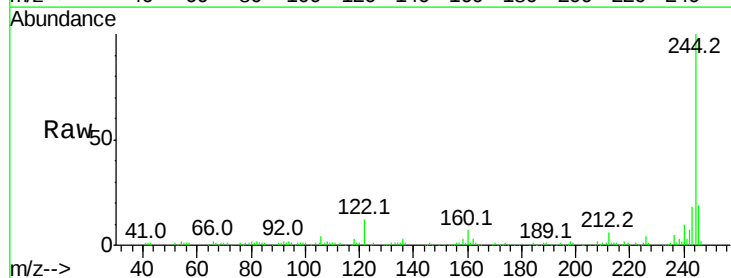
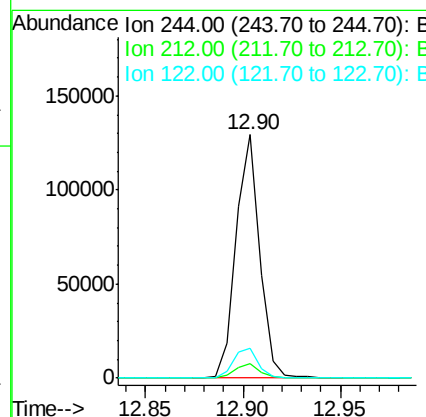
Manual Integrations
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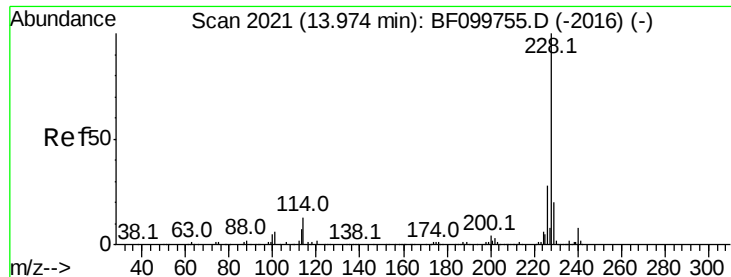
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#78
Terphenyl-d14
Concen: 14.797 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF100018.D
Acq: 31 Oct 2017 21:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	12.4	11.0	16.4





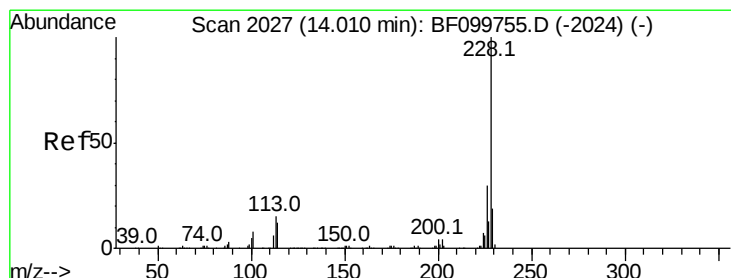
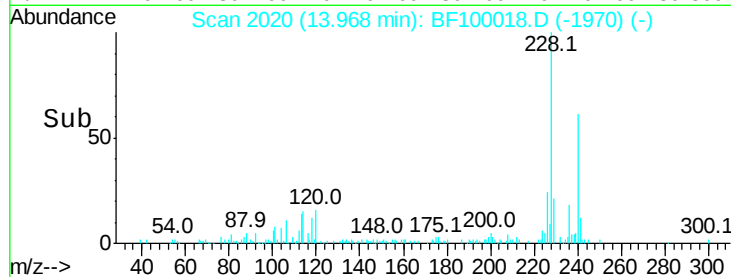
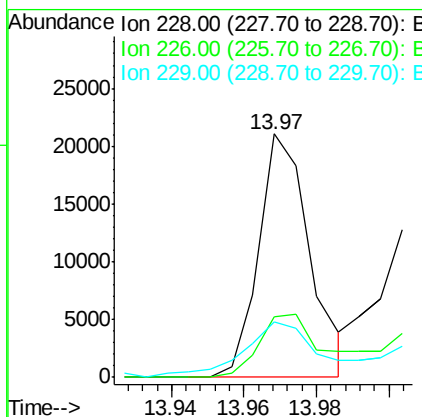
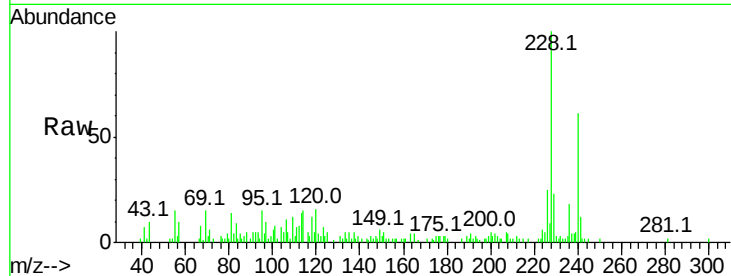
#80
Benzo(a)anthracene
Concen: 2.016 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF100018.D
Acq: 31 Oct 2017 21:51

Instrument :
BNA_F
ClientSampled :
SED-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.1	22.6	33.8
229	23.0	15.8	23.6

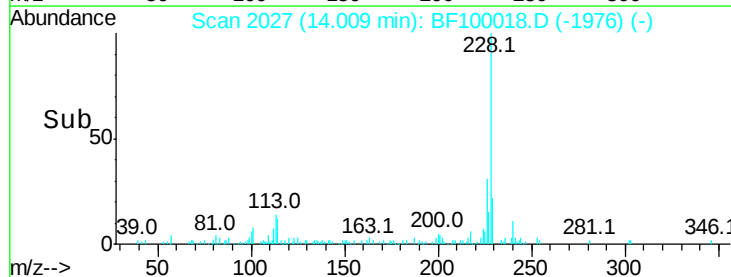
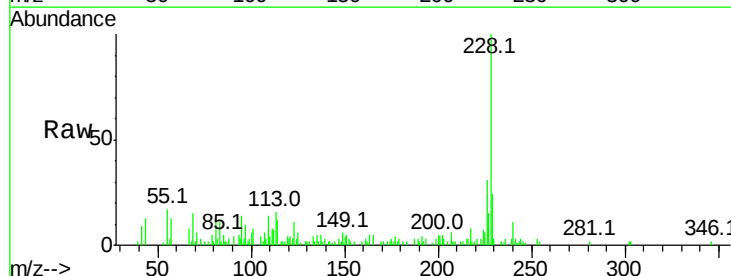
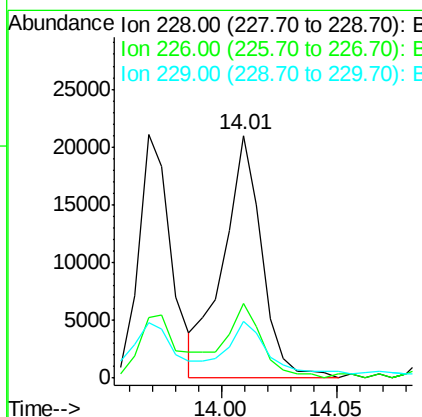
Manual Integrations
APPROVED

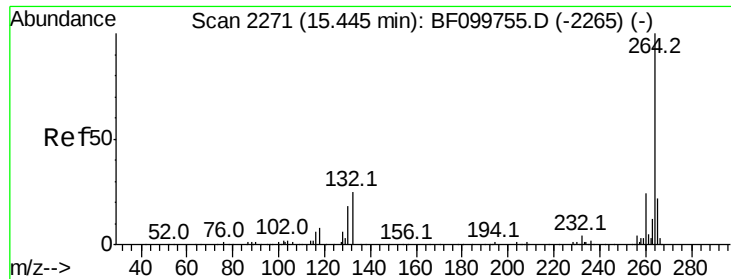
Sohil
11/1/2017 2:37:54 PM



#82
Chrysene
Concen: 2.540 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF100018.D
Acq: 31 Oct 2017 21:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	23.6	16.2	24.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BF100018.D

Acq: 31 Oct 2017 21:51

Instrument :

BNA_F

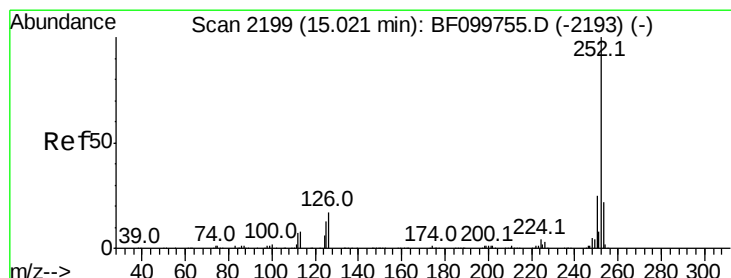
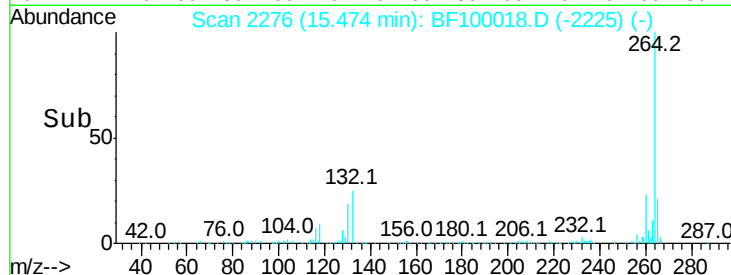
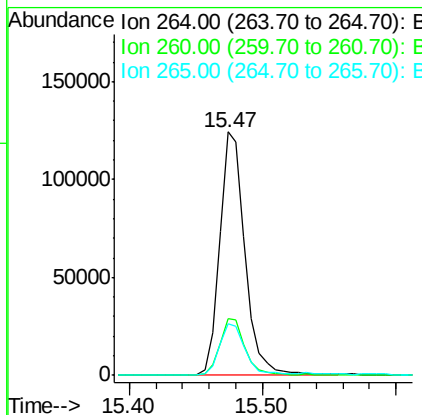
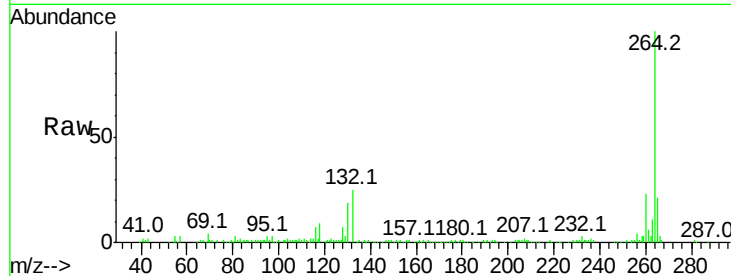
ClientSampleId :

SED-2

Tot Ion:	264	Resp:	166267
Ion Ratio		Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.0	17.5	26.3

Manual Integrations
APPROVED

Sohil
11/1/2017 2:37:54 PM



#87

Benzo(b)fluoranthene

Concen: 3.168 ng m

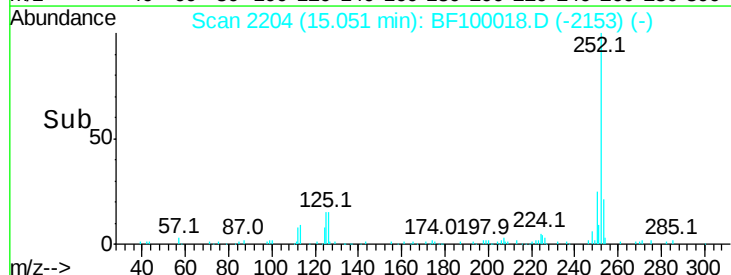
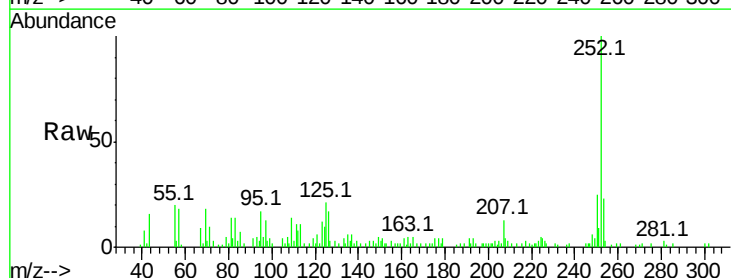
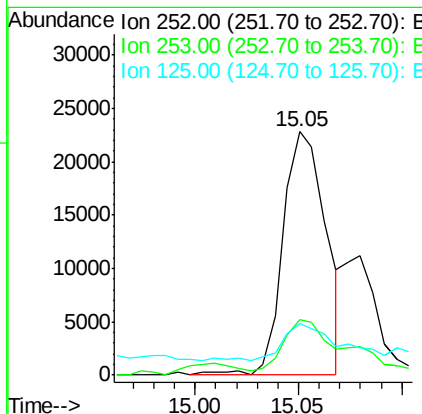
RT: 15.05 min Scan# 2204

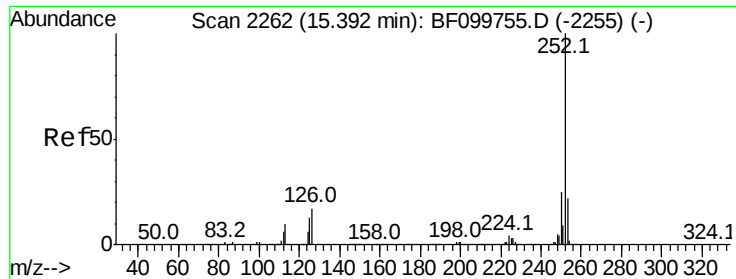
Delta R.T. -0.00 min

Lab File: BF100018.D

Acq: 31 Oct 2017 21:51

Tgt Ion:	252	Resp:	33257
Ion Ratio		Lower	Upper
252	100		
253	22.8	17.0	25.6
125	21.3	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 2.354 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BF100018.D

Acq: 31 Oct 2017 21:51

Instrument :

BNA_F

ClientSampleId :

SED-2

Tot Ion:	252	Resp:	22200
Ion Ratio	Lower	Upper	
252	100		
253	26.1	17.1	25.7#
125	22.9	9.8	14.6#

Manual Integrations
APPROVED

Sohil
11/1/2017 2:37:54 PM

