

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113226.D
 Acq On : 22 Mar 2019 00:30
 Operator : JU/SJ
 Sample : K1989-05DL 50X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PEDESTALS-1-11DL

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Quant Time: Mar 22 02:21:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	164406	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	688858	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	323469	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	571685	20.00	ng	0.00
76) Chrysene-d12	13.87	240	495683	20.00	ng	0.00
87) Perylene-d12	15.28	264	418416	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	14034	1.33	ng	0.00
7) Phenol-d6	6.37	99	21188	1.60	ng	0.00
23) Nitrobenzene-d5	7.29	82	11280	0.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	5006	1.46	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	35162	-1.00	ng	-0.01
79) Terphenyl-d14	12.82	244	34404	1.35	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
52) Acenaphthene	9.79	154	67640	3.307	ng	96
55) Dibenzofuran	9.96	168	190209	6.399	ng	92
58) Fluorene	10.30	166	56444	2.675	ng	# 99
71) Phenanthrene	11.27	178	2755642	96.881	ng	98
72) Anthracene	11.31	178	136952	4.600	ng	98
73) Carbazole	11.47	167	227578	7.835	ng	96
75) Fluoranthene	12.46	202	3143121	103.141	ng	97
78) Pyrene	12.68	202	2431070	58.177	ng	99
81) Benzo(a)anthracene	13.86	228	657406	19.136	ng	99
83) Chrysene	13.90	228	1036637	30.806	ng	98
86) Indeno(1,2,3-cd)pyrene	16.64	276	73401	2.559	ng	# 92
88) Benzo(b)fluoranthene	14.88	252	575834m	21.276	ng	
89) Benzo(k)fluoranthene	14.90	252	154614m	6.307	ng	
90) Benzo(a)pyrene	15.22	252	142764	5.964	ng	98
92) Benzo(g,h,i)perylene	17.05	276	56411	2.750	ng	94

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

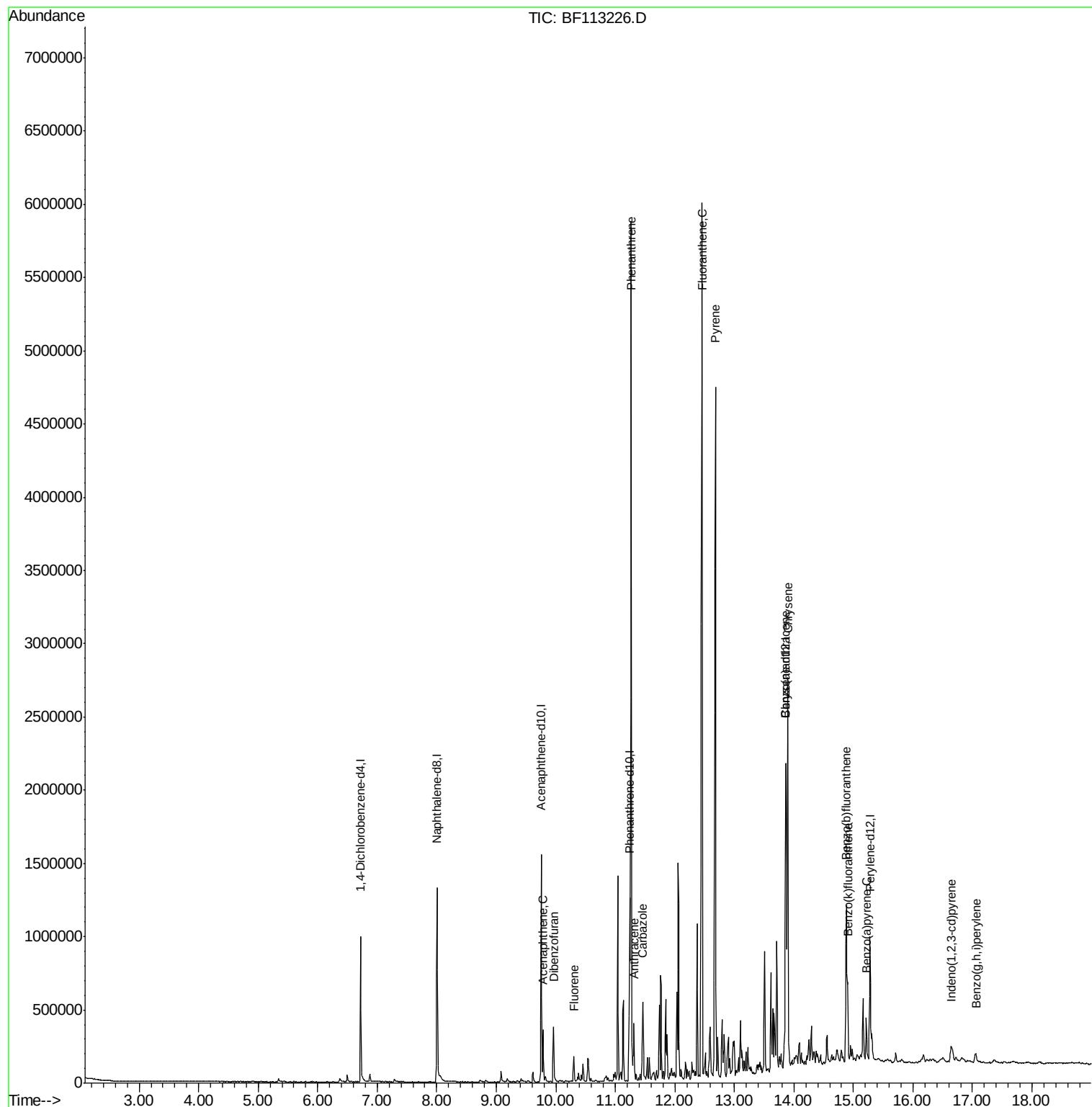
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113226.D
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Sample : K1989-05DL 50X
Misc :
ALS Vial : 27 Sample Multiplier: 1

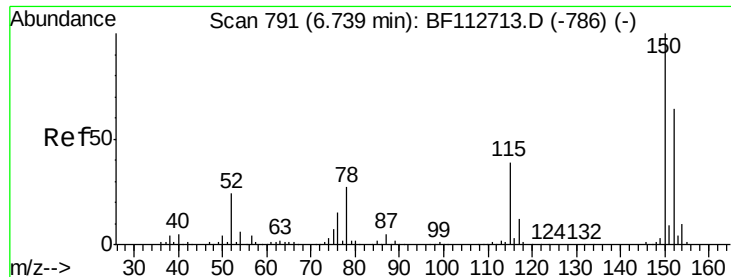
Instrument :
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PEDESTALS-1-11DL

Quant Time: Mar 22 02:21:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
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#1

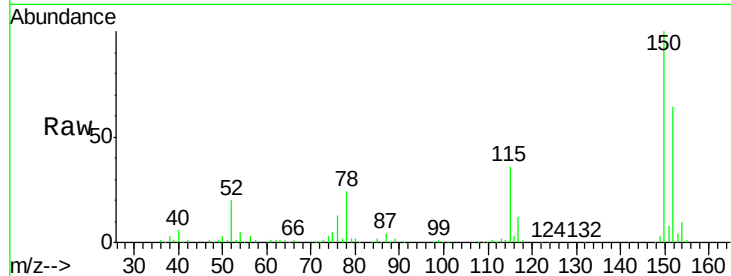
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113226.D
Acq: 22 Mar 2019 00:30

Instrument :
BNA_F
ClientSampleId :
PEDESTALS-1-11DL

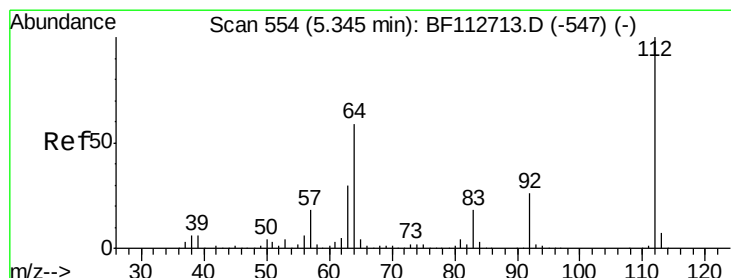
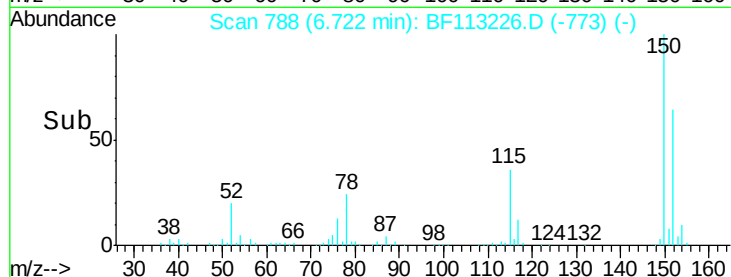
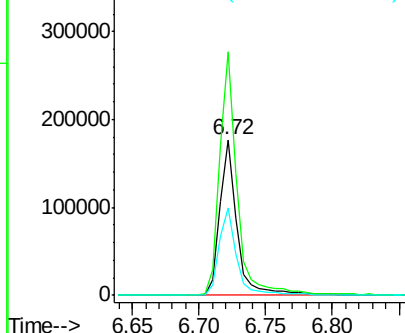
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.2	186.2
115	55.7	48.2	72.4

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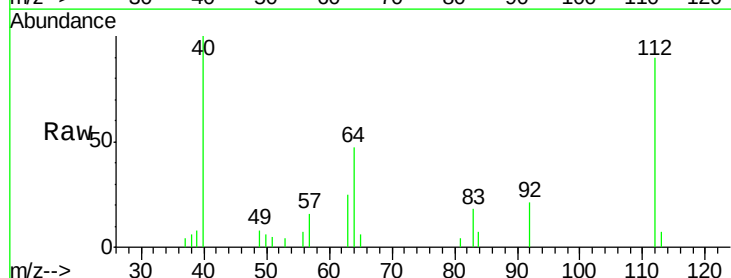
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



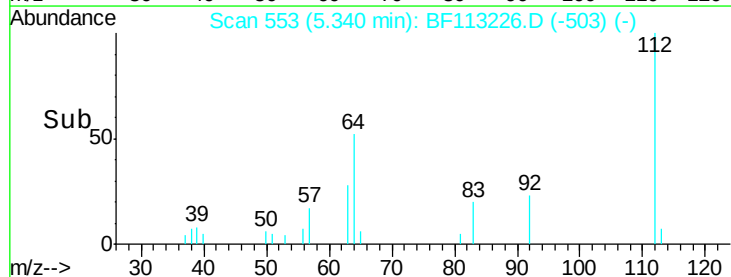
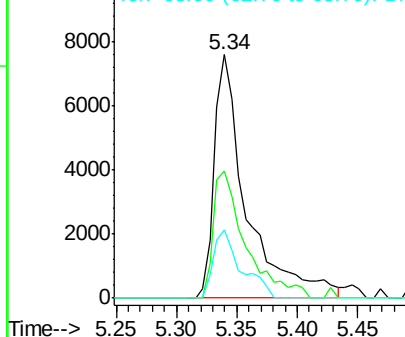
#5

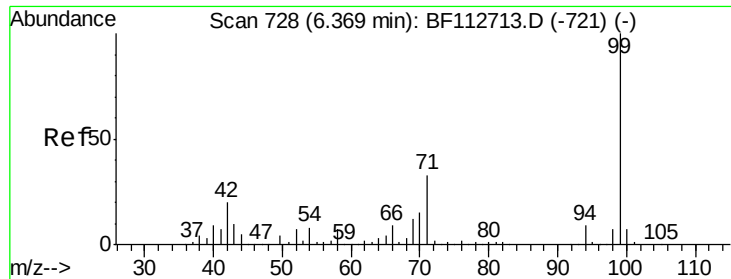
2-Fluorophenol
Concen: 1.328 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113226.D
Acq: 22 Mar 2019 00:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	47.6	71.4
63	27.9	24.4	36.6



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: 1.596 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113226.D

Acq: 22 Mar 2019 00:30

Instrument :

BNA_F

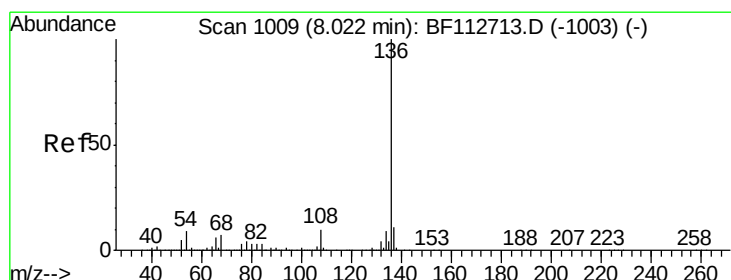
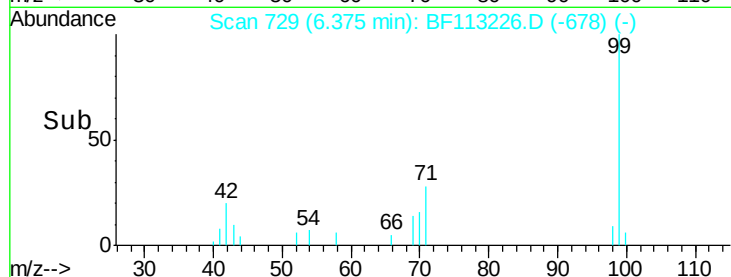
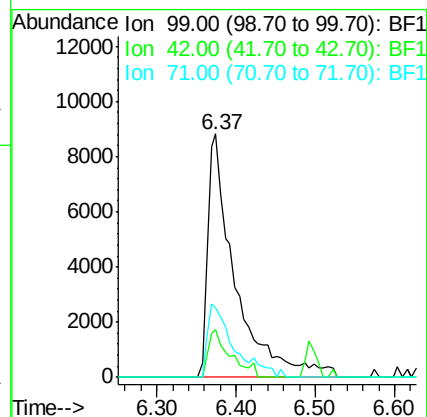
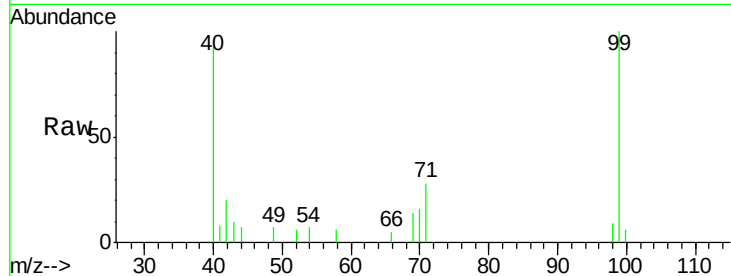
ClientSampleId :

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Tgt Ion:	99	Resp:	21188
Ion Ratio	Lower	Upper	
99	100		
42	19.8	16.3	24.5
71	28.5	26.2	39.4

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#21

Naphthalene-d8

Concen: 20.000 ng

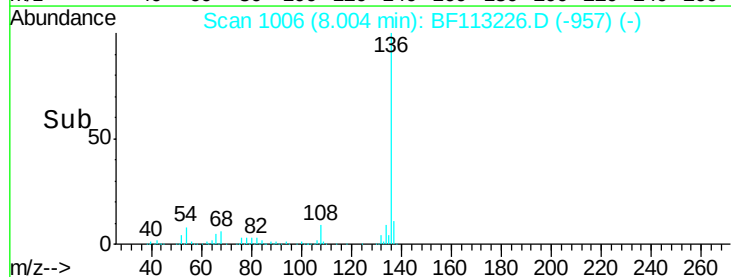
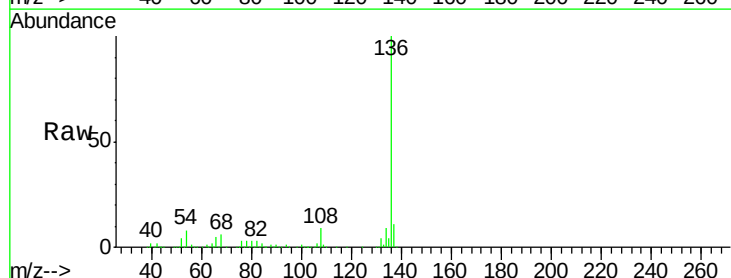
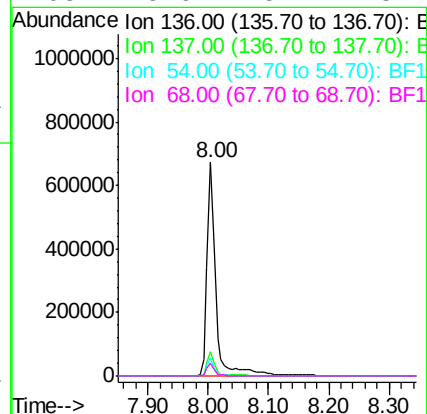
RT: 8.00 min Scan# 1006

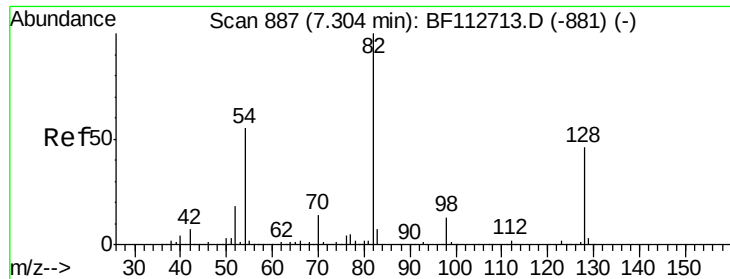
Delta R.T. -0.01 min

Lab File: BF113226.D

Acq: 22 Mar 2019 00:30

Tgt Ion:	136	Resp:	688858
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	8.1	7.3	10.9
68	5.9	5.4	8.2





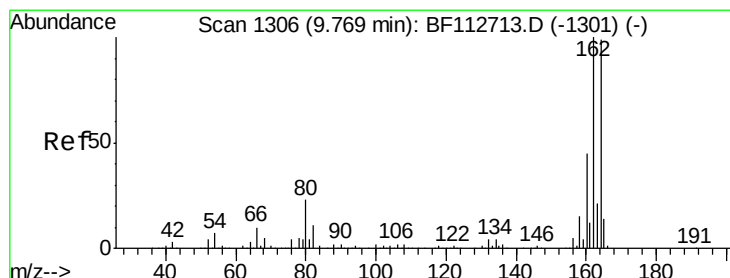
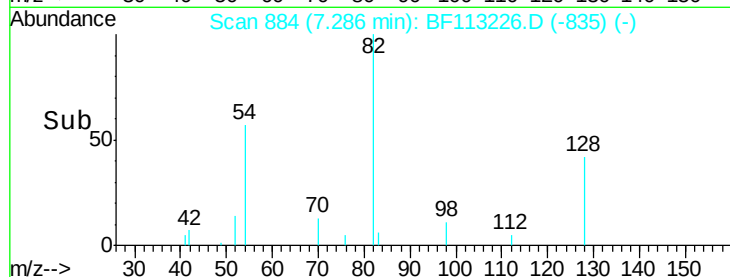
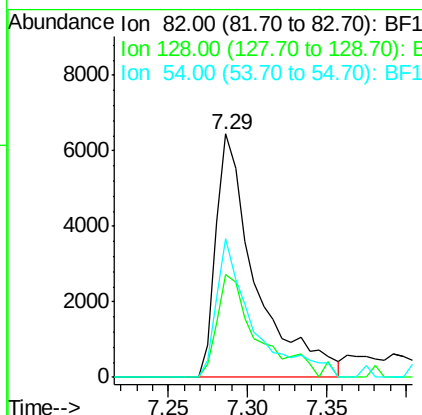
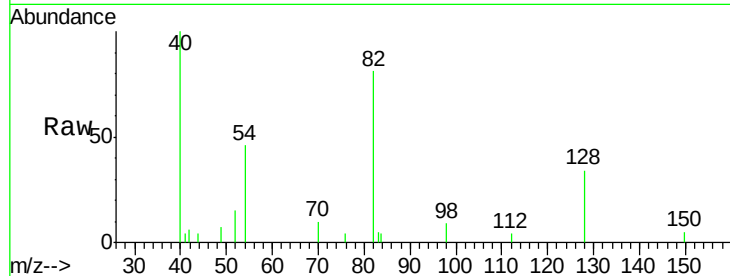
#23
 Nitrobenzene-d5
 Concen: 0.980 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113226.D
 Acq: 22 Mar 2019 00:30

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Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.3	54.5
54	56.7	43.7	65.5

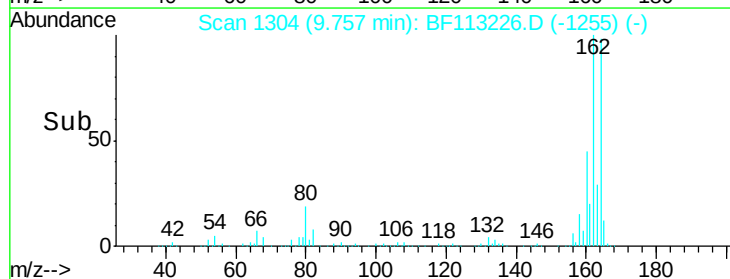
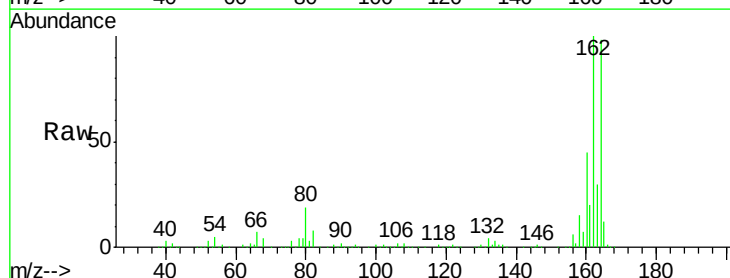
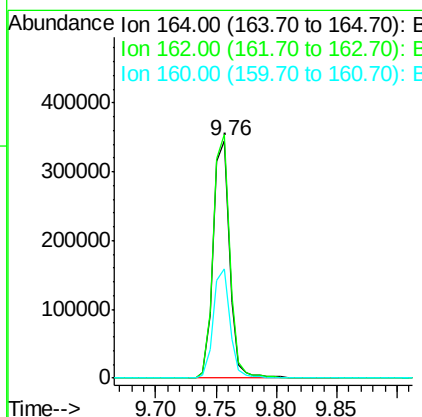
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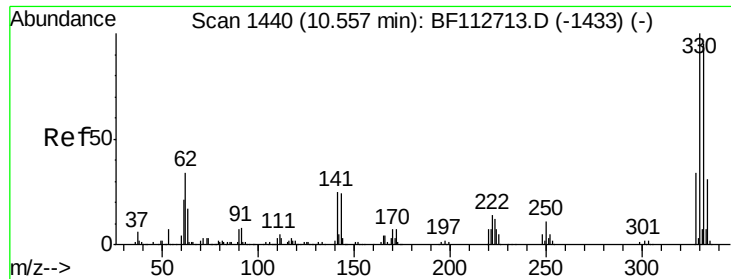
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF113226.D
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Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.6	120.8
160	46.2	36.0	54.0





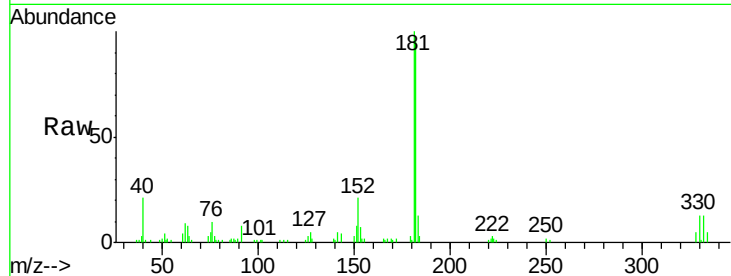
#42
 2,4,6-Tribromophenol
 Concen: 1.458 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113226.D
 Acq: 22 Mar 2019 00:30

Instrument :
 BNA_F
 ClientSampleId :
 PEDESTALS-1-11DL

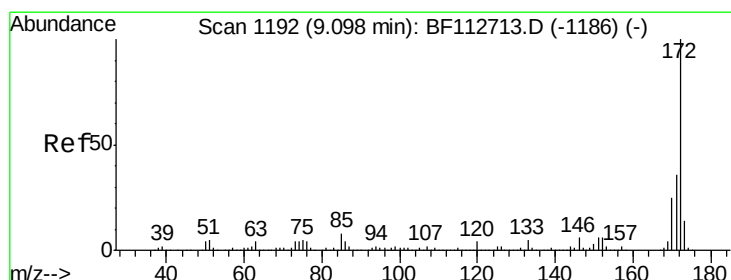
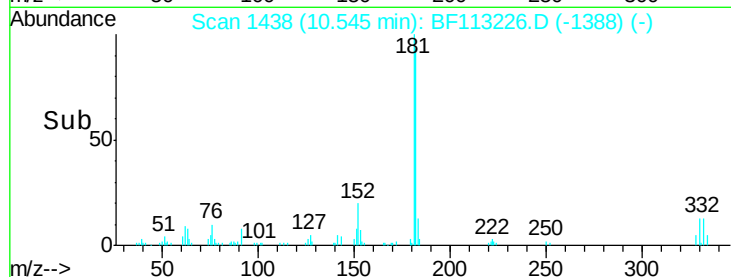
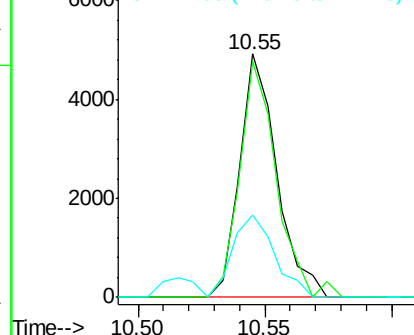
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	5006		
332	96.2		76.2	114.4
141	38.1		27.0	40.6

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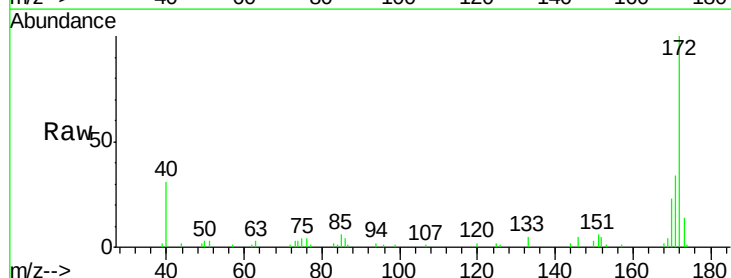


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

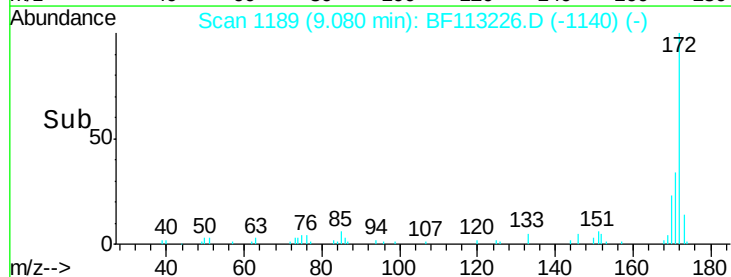
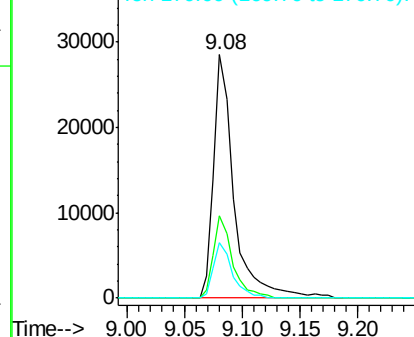


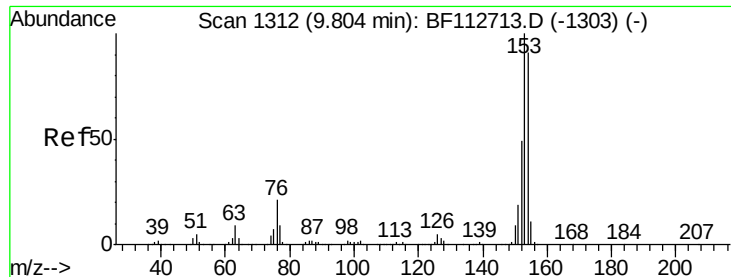
#45
 2-Fluorobiphenyl
 Concen: -1.000 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113226.D
 Acq: 22 Mar 2019 00:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	35162		
171	33.7		29.0	43.4
170	22.9		20.0	30.0



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





#52

Acenaphthene

Concen: 3.307 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF113226.D

Acq: 22 Mar 2019 00:30

Instrument :

BNA_F

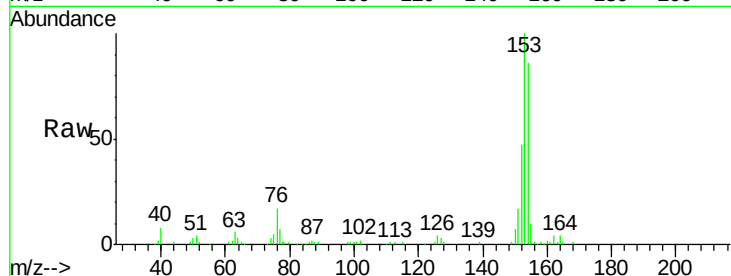
ClientSampleId :

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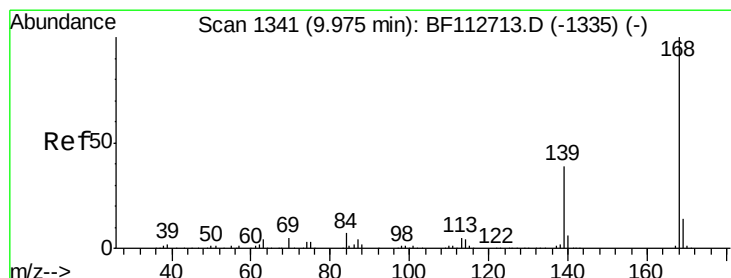
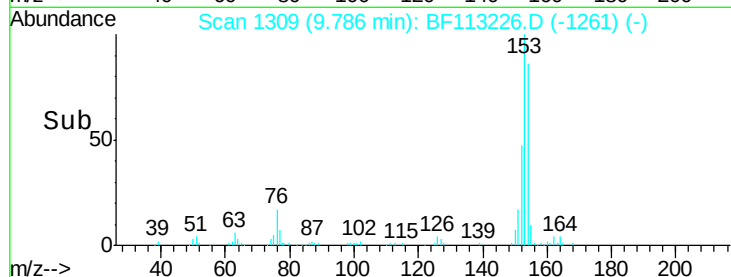
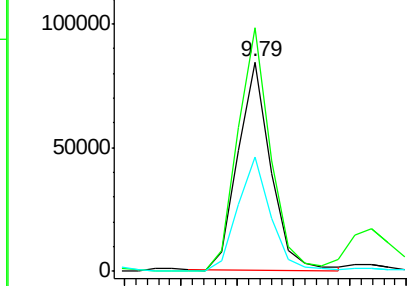
Tgt Ion:	154	Resp:	67640
Ion Ratio	Lower	Upper	
154	100		
153	116.1	87.8	131.8
152	54.5	43.0	64.6

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 6.399 ng

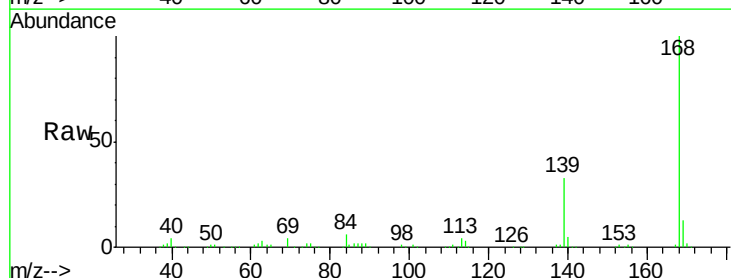
RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

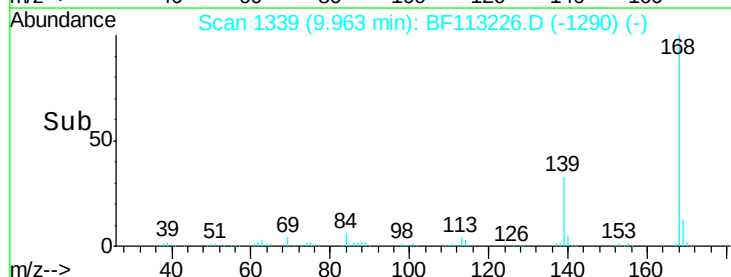
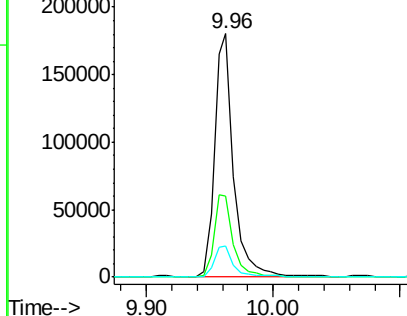
Lab File: BF113226.D

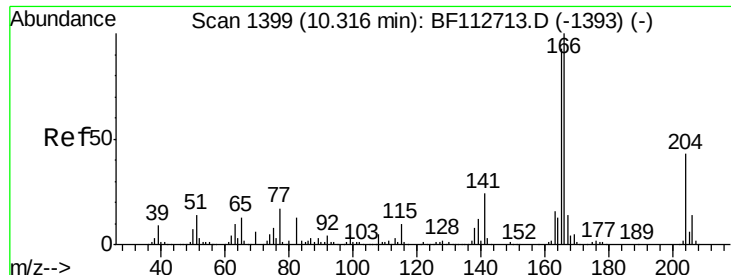
Acq: 22 Mar 2019 00:30

Tgt Ion:	168	Resp:	190209
Ion Ratio	Lower	Upper	
168	100		
139	33.3	31.3	46.9
169	13.0	11.3	16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





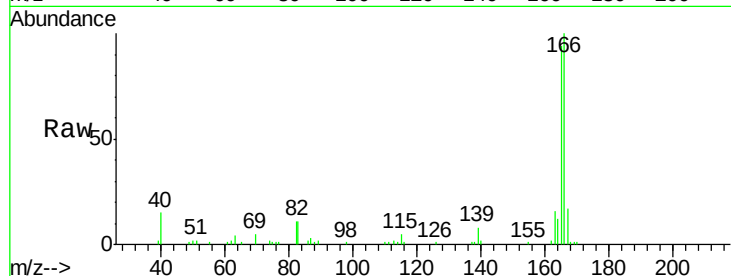
#58
 Fluorene
 Concen: 2.675 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF113226.D
 Acq: 22 Mar 2019 00:30

Instrument :
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 PEDESTALS-1-11DL

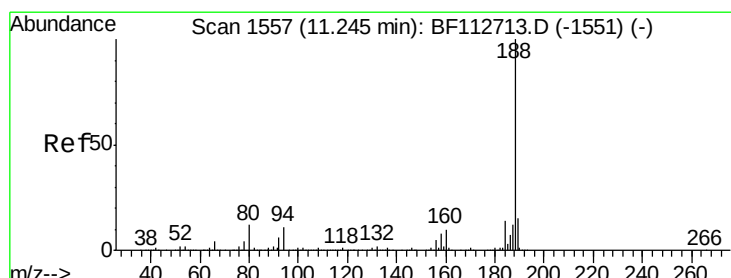
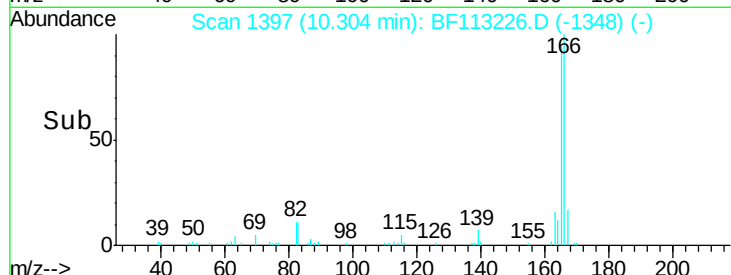
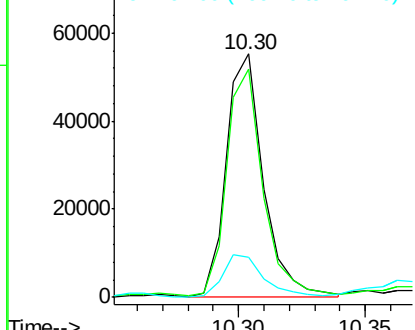
Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.9	74.7	112.1
167	16.7	11.0	16.6#

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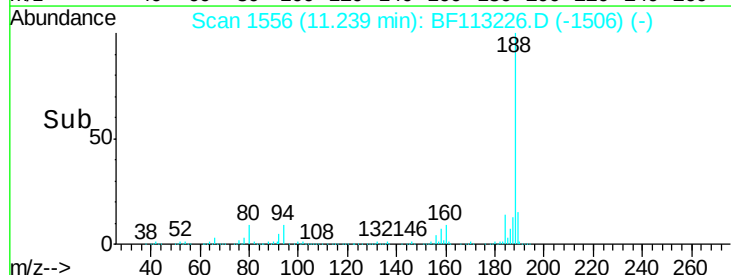
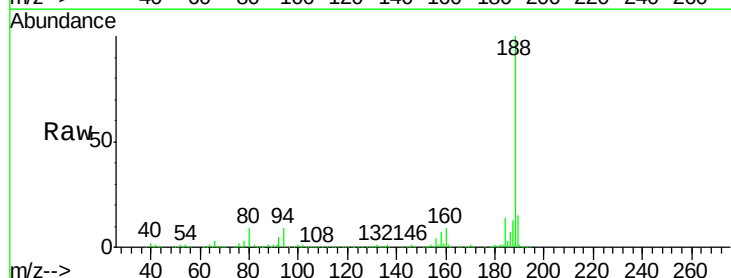
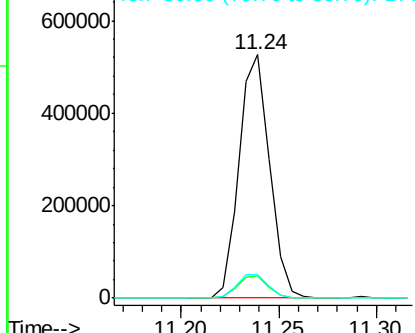
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

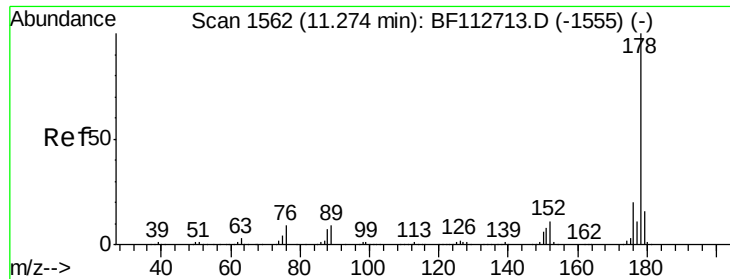


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF113226.D
 Acq: 22 Mar 2019 00:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.0	13.4
80	9.5	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





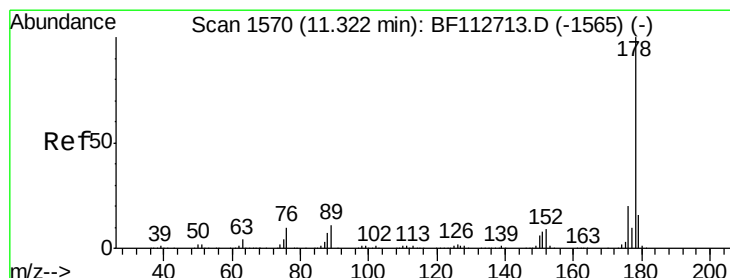
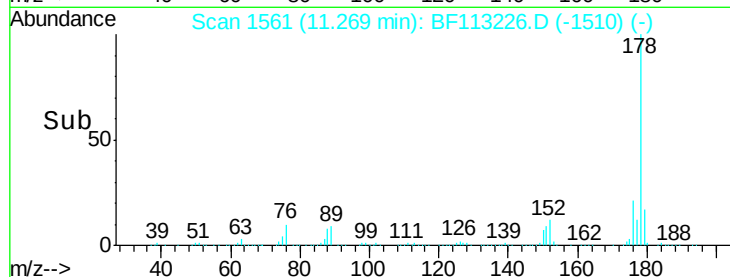
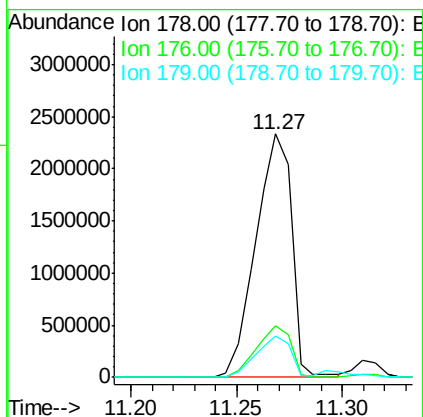
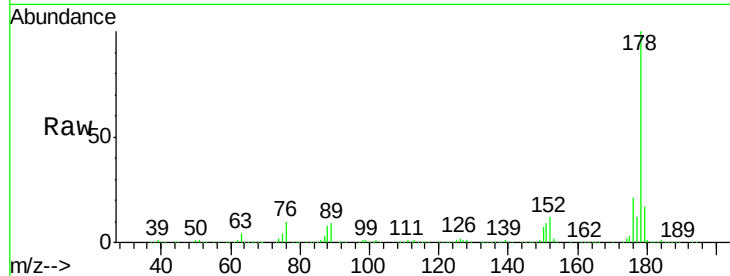
#71
Phenanthrene
Concen: 96.881 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF113226.D
Acq: 22 Mar 2019 00:30

Instrument :
BNA_F
ClientSampleId :
PEDESTALS-1-11DL

Tgt Ion:178 Resp: 2755642
Ion Ratio Lower Upper
178 100
176 21.2 16.3 24.5
179 17.0 12.7 19.1

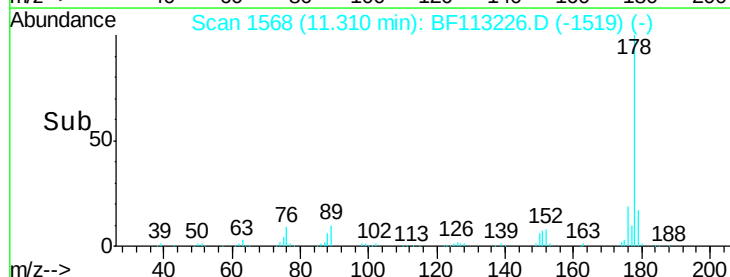
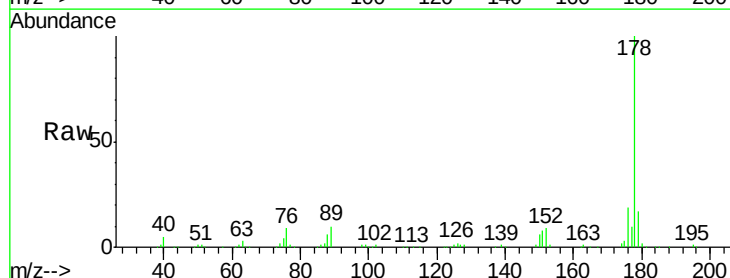
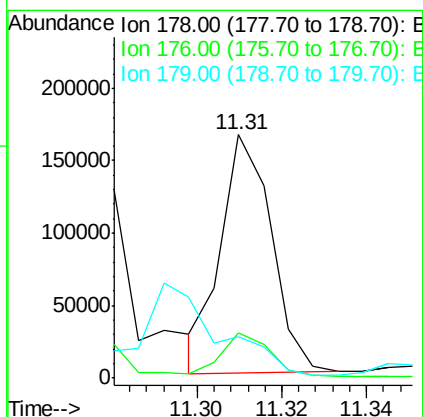
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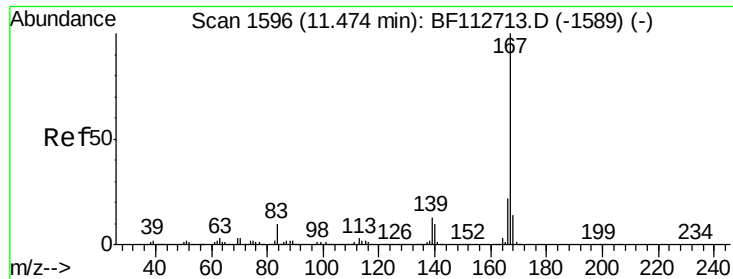
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#72
Anthracene
Concen: 4.600 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF113226.D
Acq: 22 Mar 2019 00:30

Tgt Ion:178 Resp: 136952
Ion Ratio Lower Upper
178 100
176 18.6 15.8 23.6
179 17.2 13.0 19.6





#73

Carbazole

Concen: 7.835 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF113226.D

Acq: 22 Mar 2019 00:30

Instrument :

BNA_F

ClientSampleId :

PEDESTALS-1-11DL

Tgt Ion:167 Resp: 227578

Ion Ratio Lower Upper

167 100

166 20.4 17.5 26.3

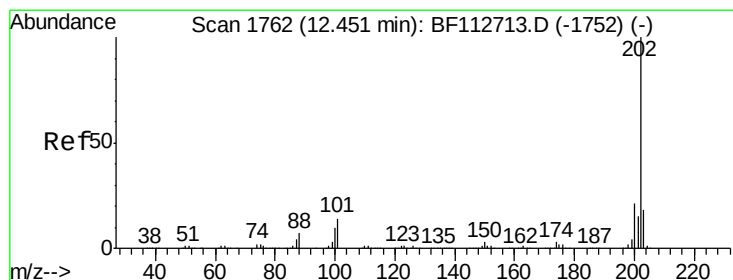
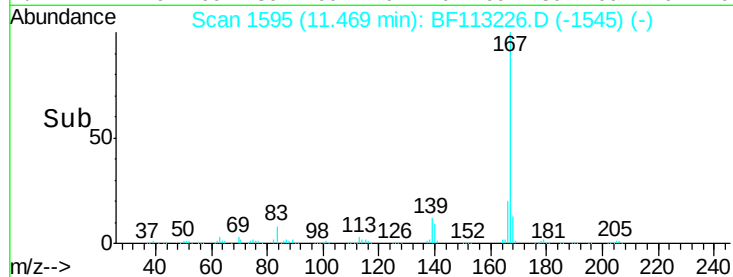
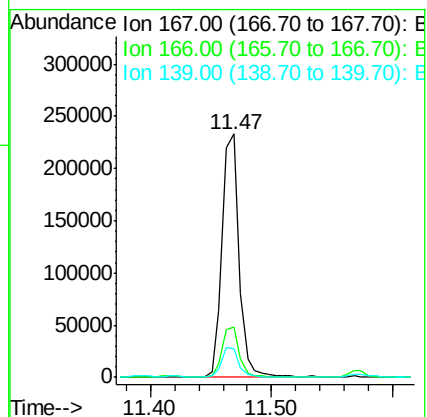
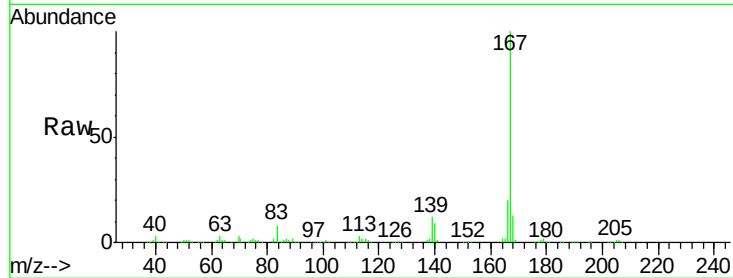
139 11.5 10.8 16.2

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#75

Fluoranthene

Concen: 103.141 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF113226.D

Acq: 22 Mar 2019 00:30

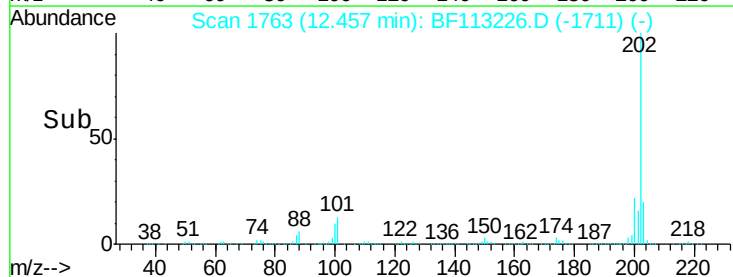
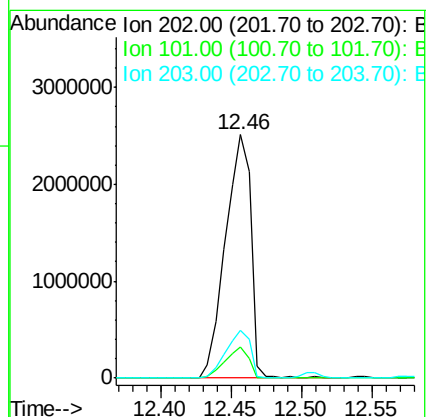
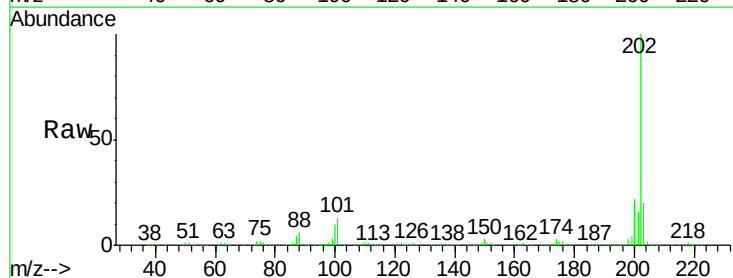
Tgt Ion:202 Resp: 3143121

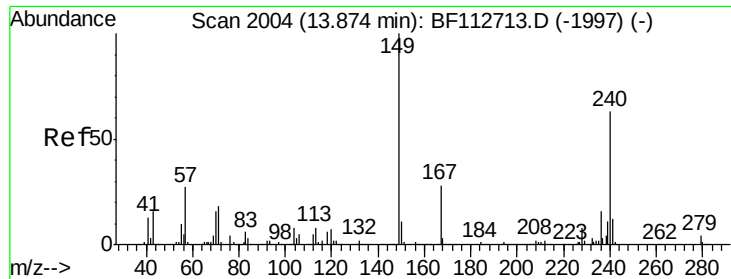
Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.8

203 19.6 0.0 38.4





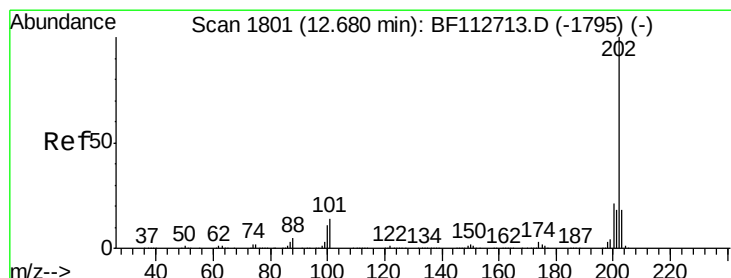
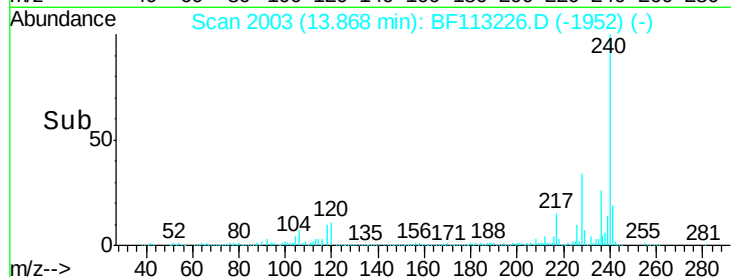
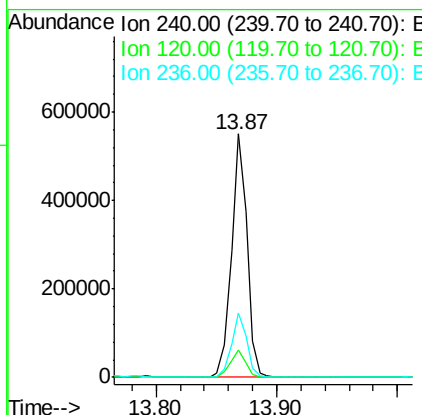
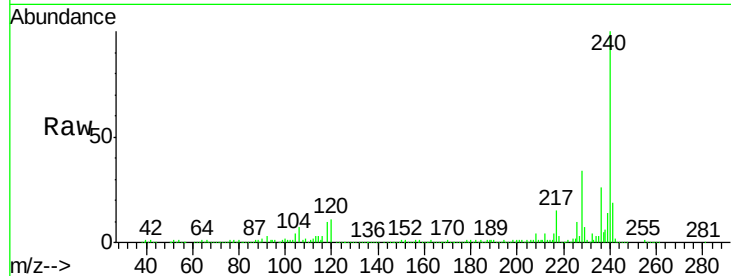
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113226.D
Acq: 22 Mar 2019 00:30

Instrument :
BNA_F
ClientSampleId :
PEDESTALS-1-11DL

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	495683		
120	11.0	8.9	13.3	
236	26.4	20.7	31.1	

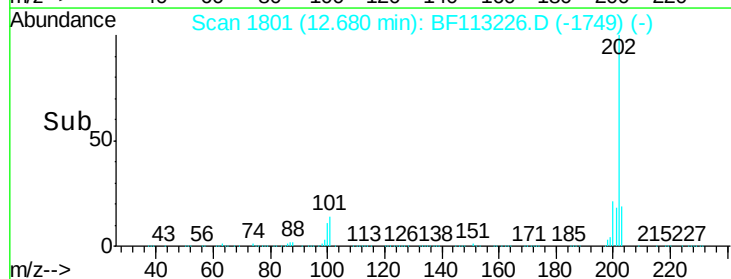
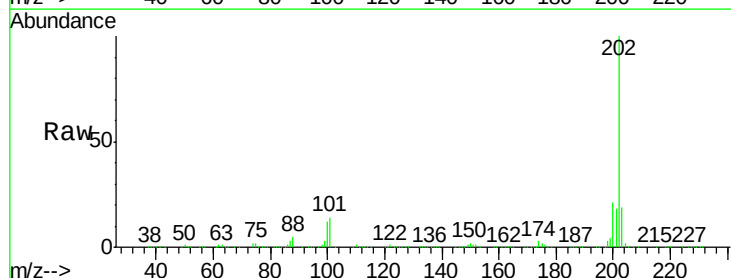
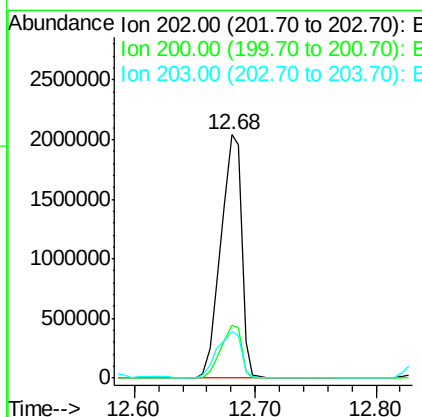
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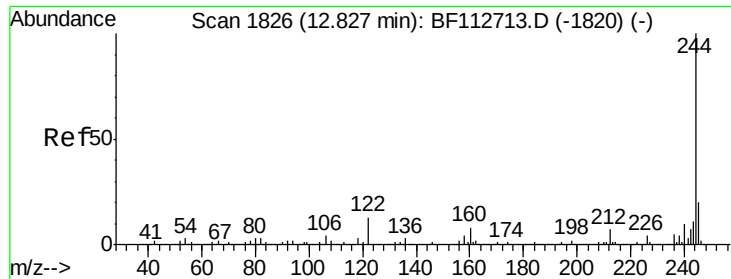
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#78
Pyrene
Concen: 58.177 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BF113226.D
Acq: 22 Mar 2019 00:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2431070		
200	21.5	17.0	25.4	
203	19.0	14.4	21.6	





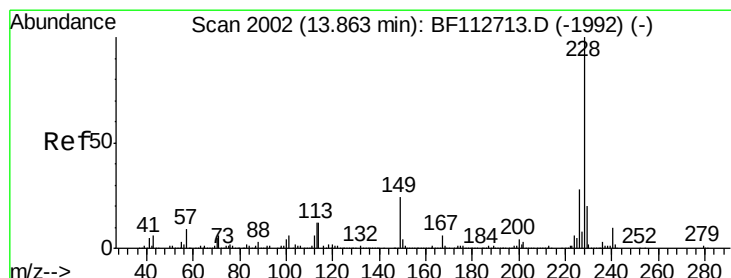
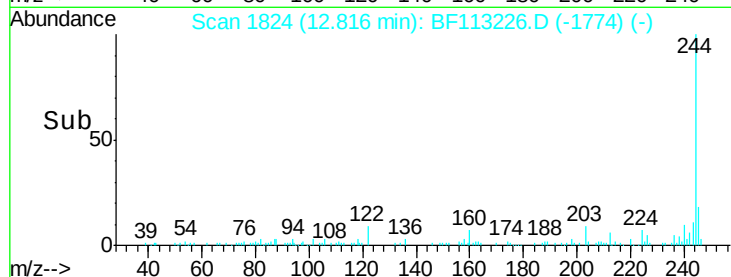
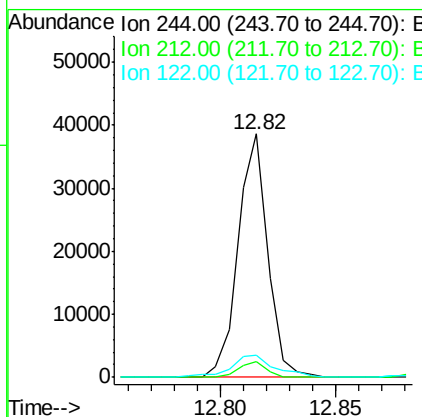
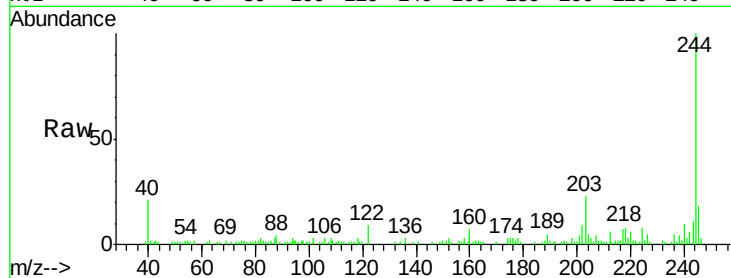
#79
 Terphenyl-d14
 Concen: 1.345 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113226.D
 Acq: 22 Mar 2019 00:30

Instrument :
 BNA_F
 ClientSampleId :
 PEDESTALS-1-11DL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.6	8.4
122	9.1	10.5	15.7

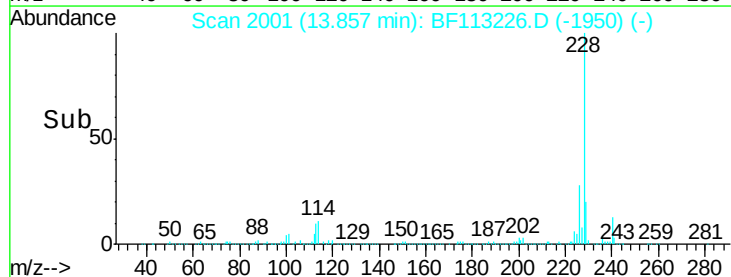
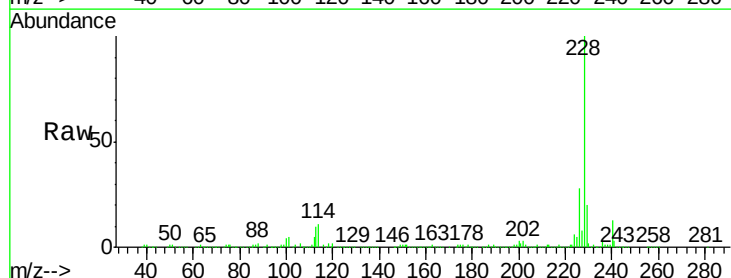
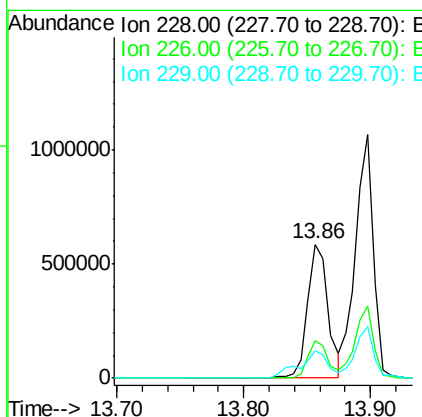
Manual Integrations
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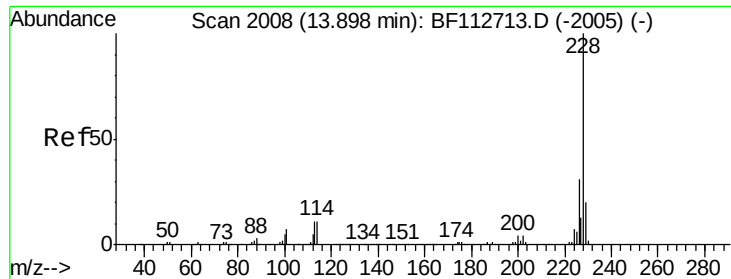
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#81
 Benzo(a)anthracene
 Concen: 19.136 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF113226.D
 Acq: 22 Mar 2019 00:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.2	33.4
229	20.4	16.0	24.0





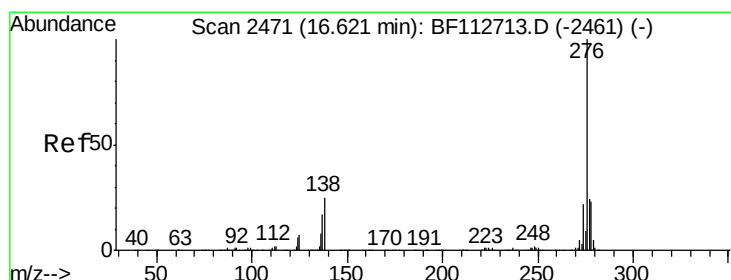
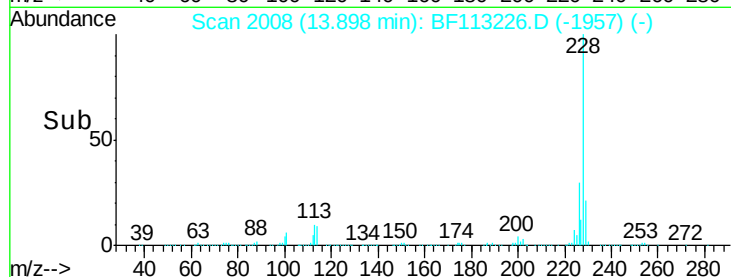
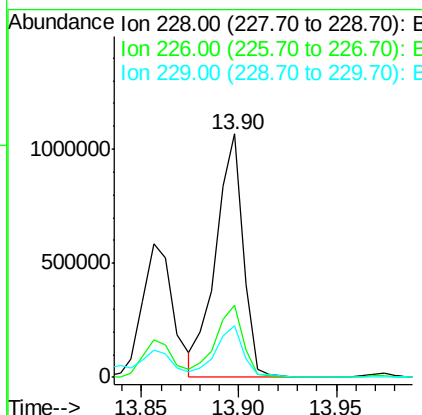
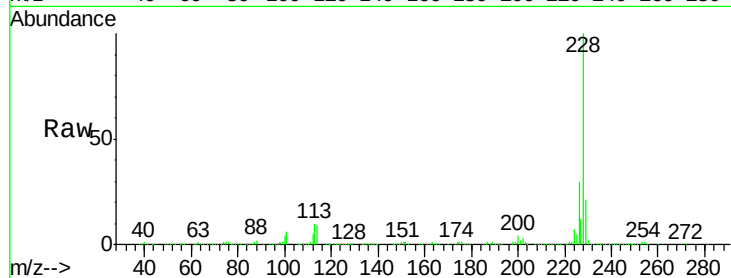
#83
Chrysene
Concen: 30.806 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF113226.D
Acq: 22 Mar 2019 00:30

Instrument :
BNA_F
ClientSampleId :
PEDESTALS-1-11DL

Tgt Ion:228 Resp: 1036637
Ion Ratio Lower Upper
228 100
226 29.8 24.9 37.3
229 21.3 16.3 24.5

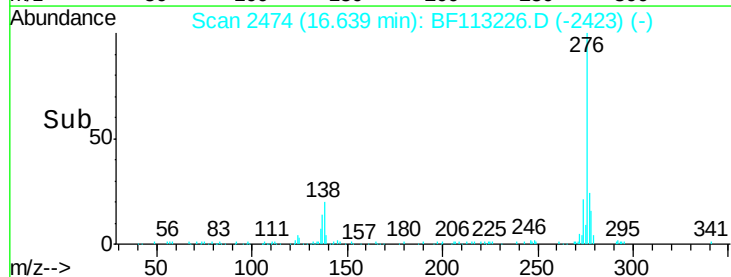
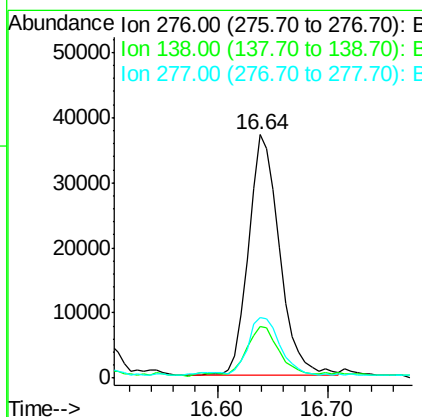
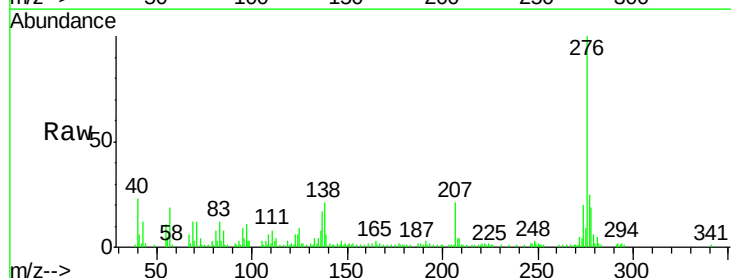
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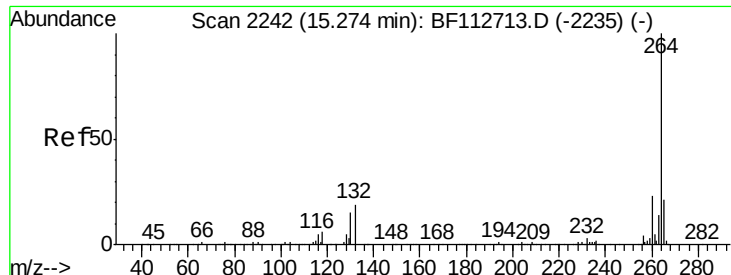
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.559 ng
RT: 16.64 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BF113226.D
Acq: 22 Mar 2019 00:30

Tgt Ion:276 Resp: 73401
Ion Ratio Lower Upper
276 100
138 21.1 23.2 34.8#
277 24.5 19.9 29.9





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF113226.D

Acq: 22 Mar 2019 00:30

Instrument :

BNA_F

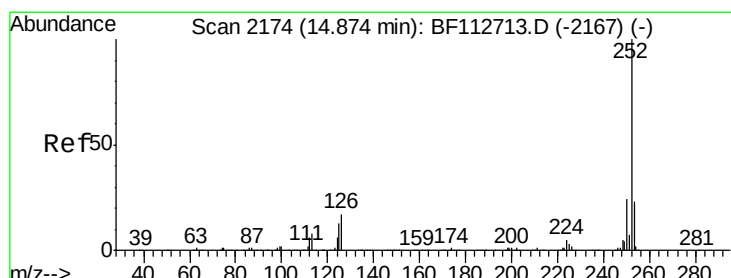
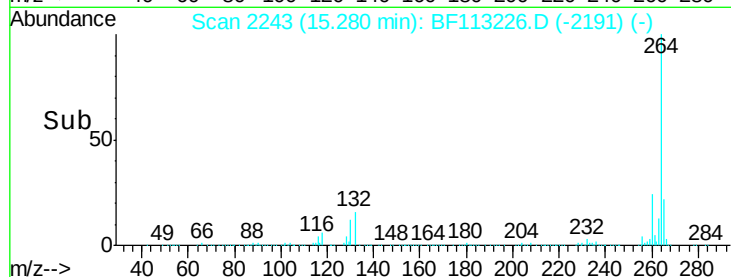
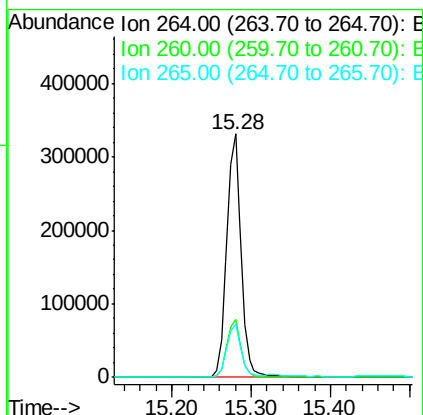
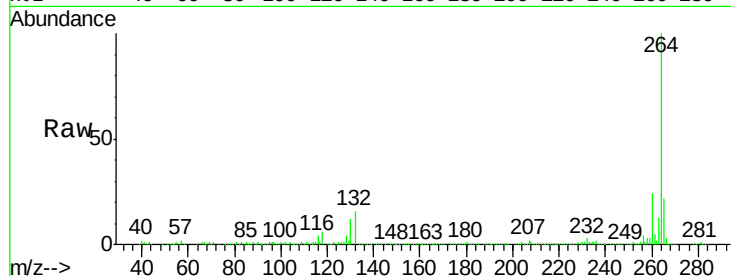
ClientSampleId :

PEDESTALS-1-11DL

Tgt Ion:	264	Resp:	418416
Ion Ratio		Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.8	17.2	25.8

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 21.276 ng m

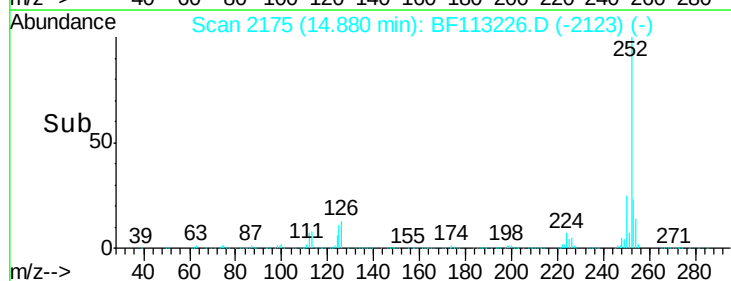
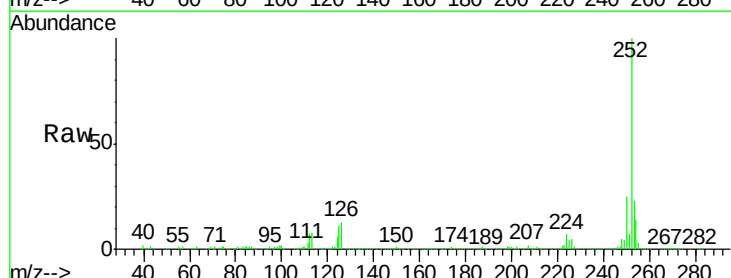
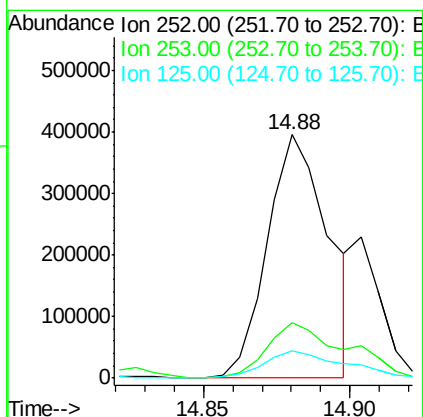
RT: 14.88 min Scan# 2175

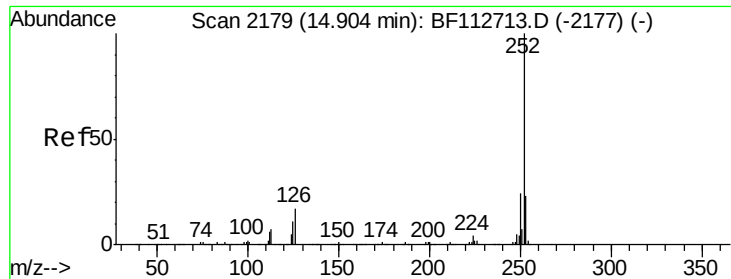
Delta R.T. 0.01 min

Lab File: BF113226.D

Acq: 22 Mar 2019 00:30

Tgt Ion:	252	Resp:	575834
Ion Ratio		Lower	Upper
252	100		
253	22.8	18.0	27.0
125	11.1	10.2	15.2





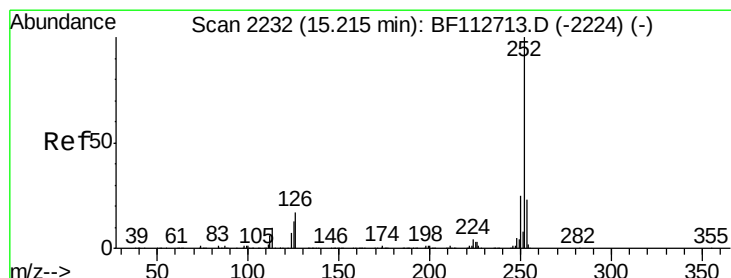
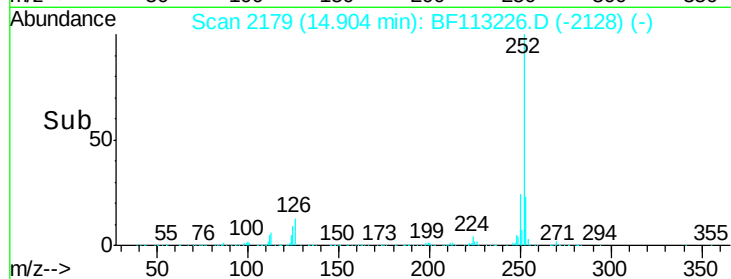
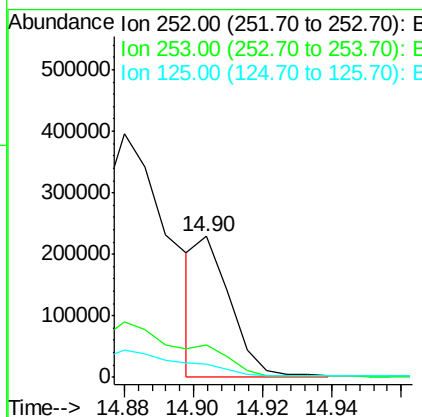
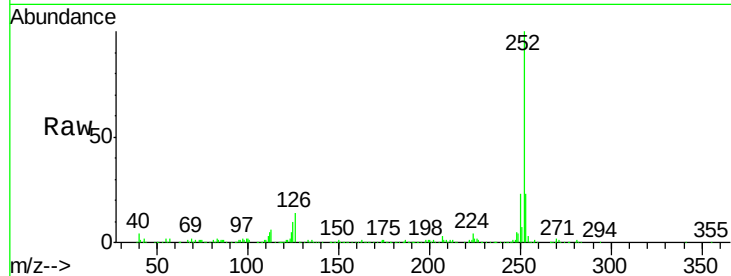
#89
Benzo(k)fluoranthene
Concen: 6.307 ng m
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF113226.D
Acq: 22 Mar 2019 00:30

Instrument :
BNA_F
ClientSampleId :
PEDESTALS-1-11DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	9.6	9.8	14.6

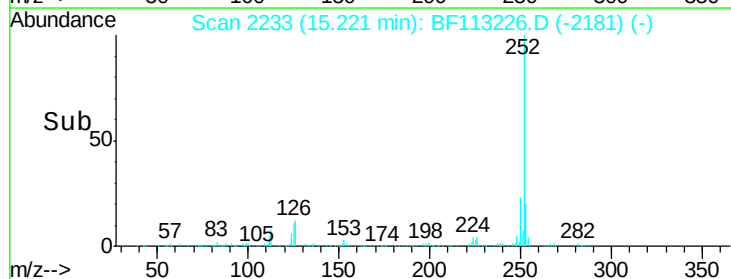
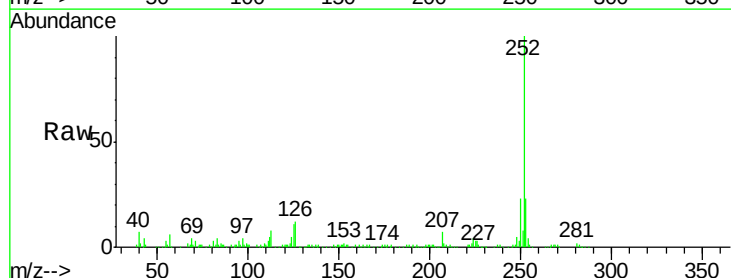
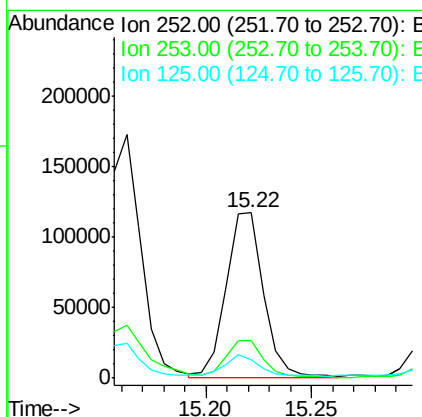
Manual Integrations
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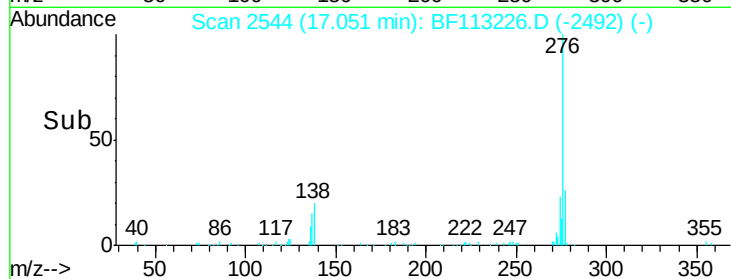
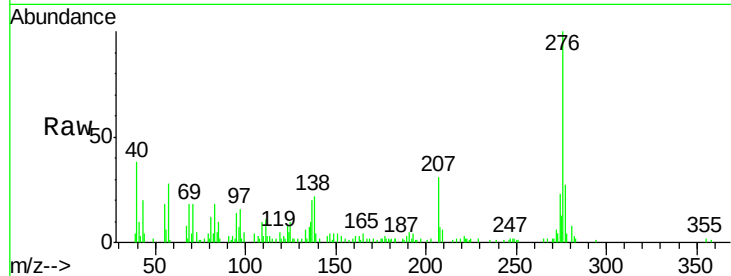
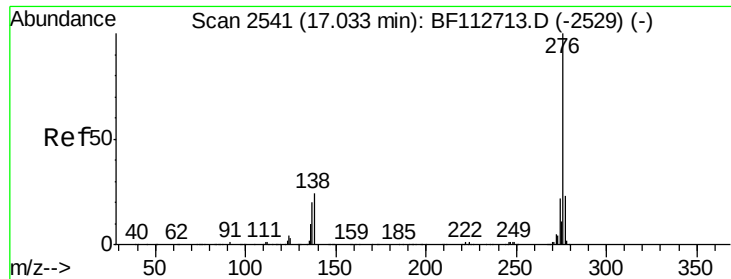
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#90
Benzo(a)pyrene
Concen: 5.964 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF113226.D
Acq: 22 Mar 2019 00:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.9	10.7	16.1





#92

Benzo(g,h,i)perylene

Concen: 2.750 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.01 min

Lab File: BF113226.D

Acq: 22 Mar 2019 00:30

Tgt Ion:	276	Resp:	56411
Ion Ratio	Lower	Upper	
276	100		
277	26.7	18.6	27.8
138	22.1	19.4	29.0

Instrument :

BNA_F

ClientSampleId :

PEDESTALS-1-11DL

Manual Integrations
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