

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
 Data File : BF112796.D
 Acq On : 1 Mar 2019 13:37
 Operator : JU/SJ
 Sample : K1652-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-DAY-1

Manual Integrations
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Quant Time: Mar 01 22:54:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	196461	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	734244	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	316231	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	518070	20.00	ng	0.00
76) Chrysene-d12	13.87	240	419211	20.00	ng	0.00
87) Perylene-d12	15.28	264	477054	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	1047972	82.98	ng	0.01
7) Phenol-d6	6.37	99	1360759	85.77	ng	0.00
23) Nitrobenzene-d5	7.30	82	825977	67.31	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	315740	94.05	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1371090	68.19	ng	0.00
79) Terphenyl-d14	12.83	244	1025005	47.40	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.49	163	128147	5.496	ng	98
71) Phenanthrene	11.27	178	175695	6.816	ng	97
75) Fluoranthene	12.45	202	231813	8.394	ng	97
78) Pyrene	12.68	202	221467	6.267	ng	97
81) Benzo(a)anthracene	13.86	228	122743	4.225	ng	99
83) Chrysene	13.90	228	108278	3.805	ng	97
86) Indeno(1,2,3-cd)pyrene	16.63	276	55960	2.306	ng	95
88) Benzo(b)fluoranthene	14.88	252	138596m	4.492	ng	
90) Benzo(a)pyrene	15.22	252	98984	3.627	ng	99
92) Benzo(g,h,i)perylene	17.04	276	52645	2.251	ng	95

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

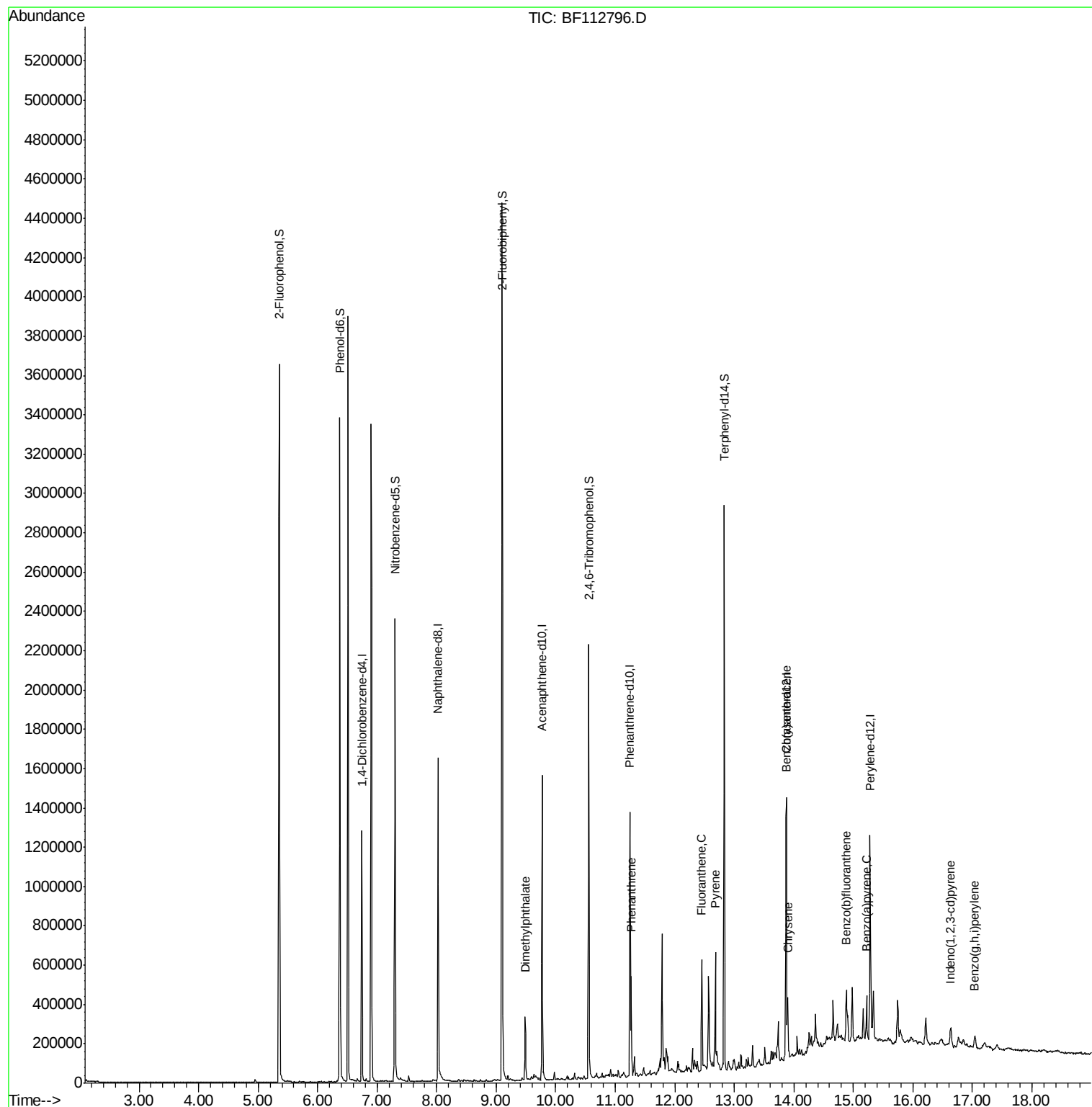
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112796.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

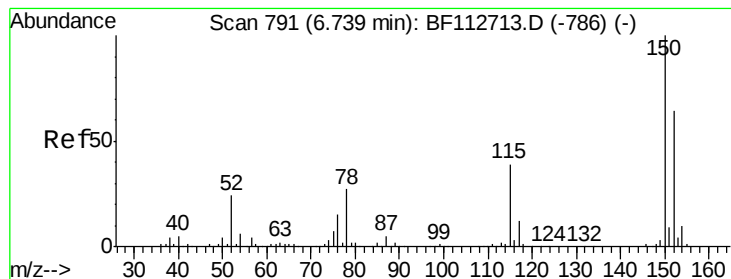
Instrument :
BNA_F
ClientSampleId :
COMP-DAY-1

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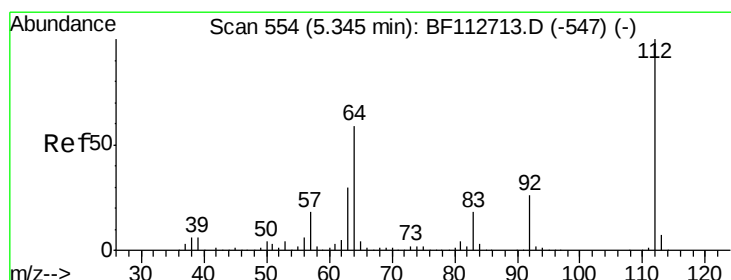
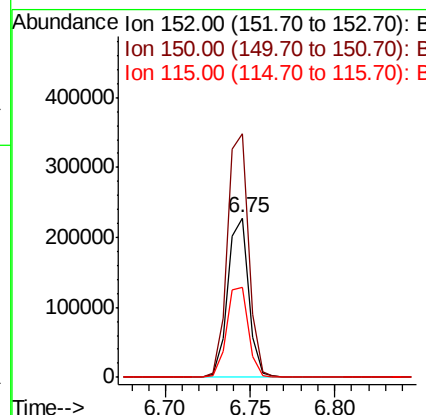
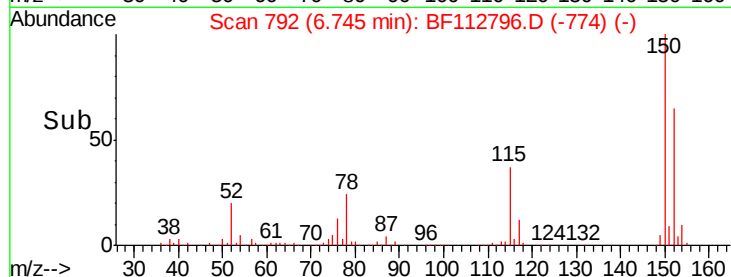
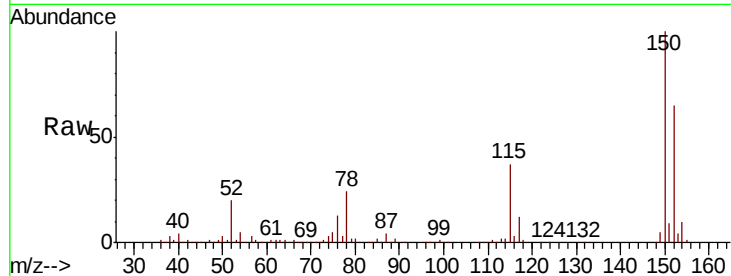
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF112796.D
 Acq: 1 Mar 2019 13:37

Instrument :
 BNA_F
 ClientSampleId :
 COMP-DAY-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.2	186.2
115	56.5	48.2	72.4

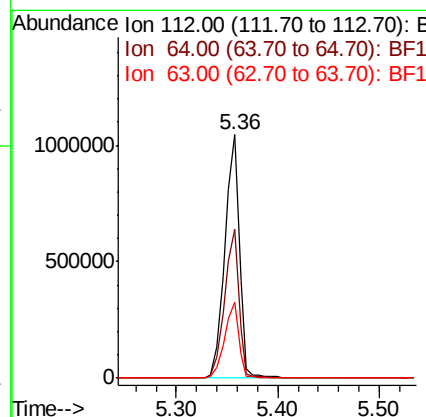
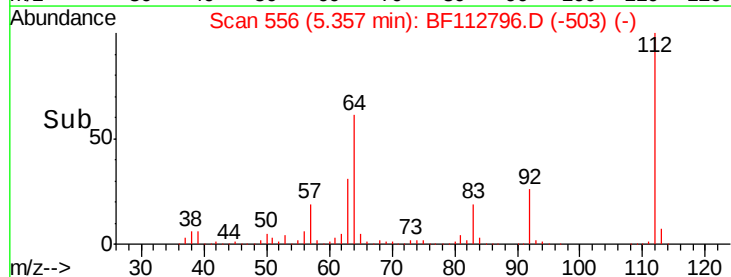
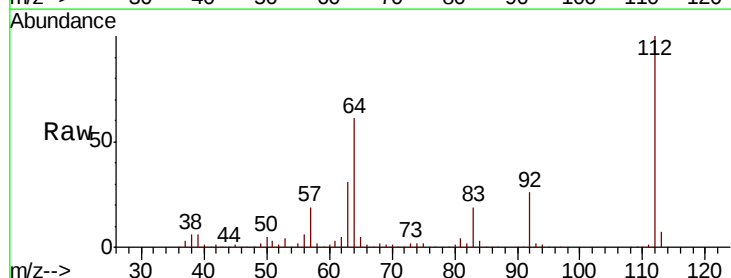
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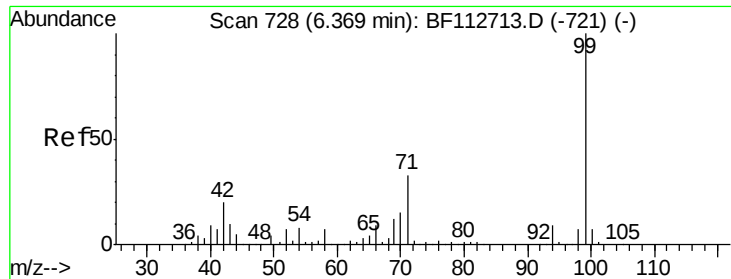
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#5
 2-Fluorophenol
 Concen: 82.977 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF112796.D
 Acq: 1 Mar 2019 13:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.6	71.4
63	31.1	24.4	36.6





#7

Phenol-d6

Concen: 85.771 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112796.D

Acq: 1 Mar 2019 13:37

Instrument :

BNA_F

ClientSampleId :

COMP-DAY-1

Tot Ion: 99 Resp: 1360759

Ion Ratio Lower Upper

99 100

42 19.5 16.3 24.5

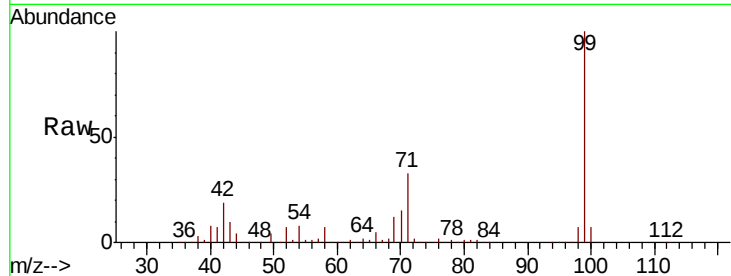
71 33.1 26.2 39.4

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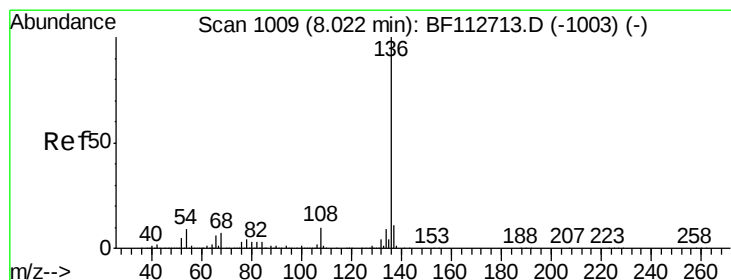
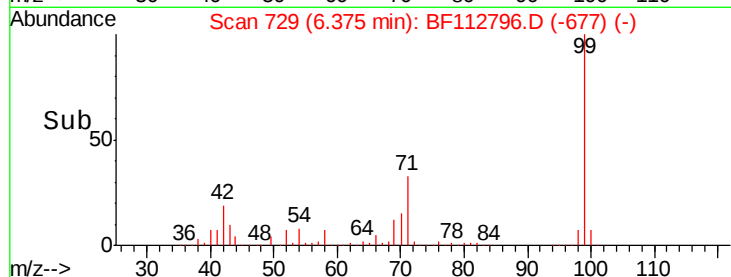
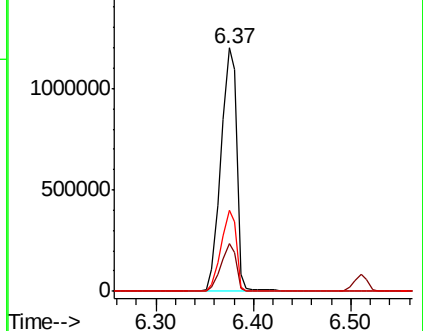
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF112796.D

Acq: 1 Mar 2019 13:37

Tgt Ion: 136 Resp: 734244

Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.5 7.3 10.9

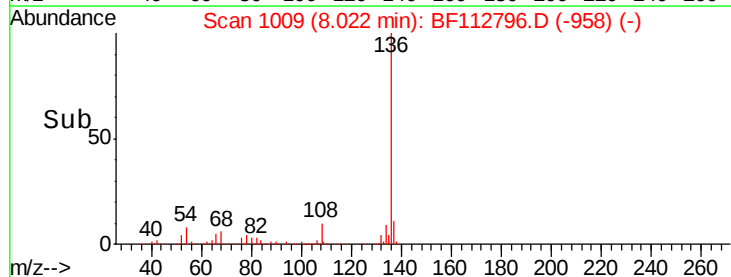
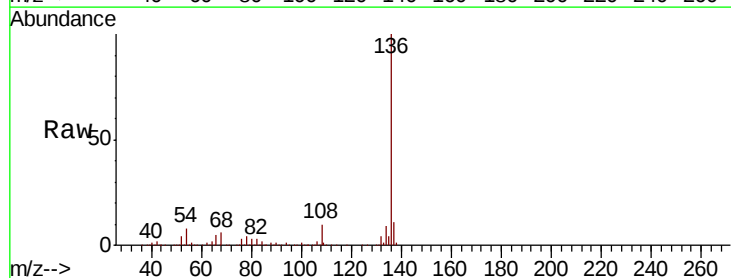
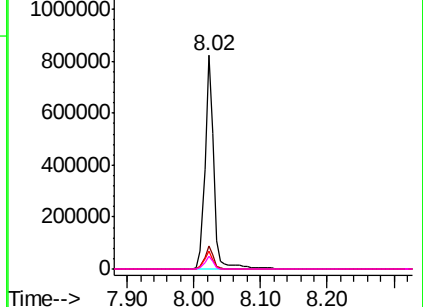
68 6.1 5.4 8.2

Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





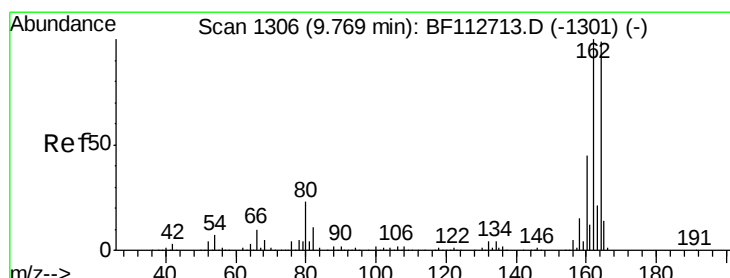
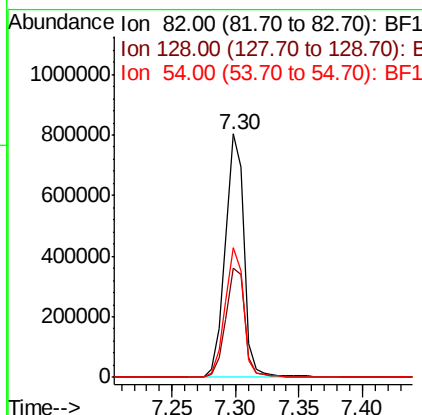
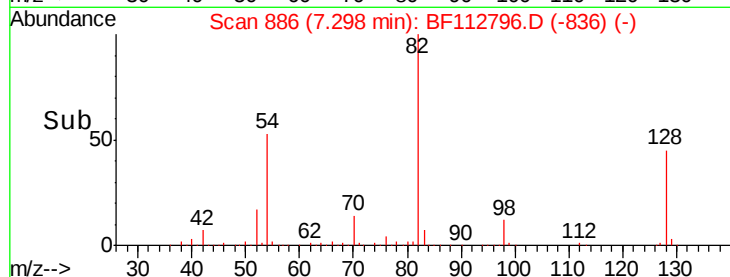
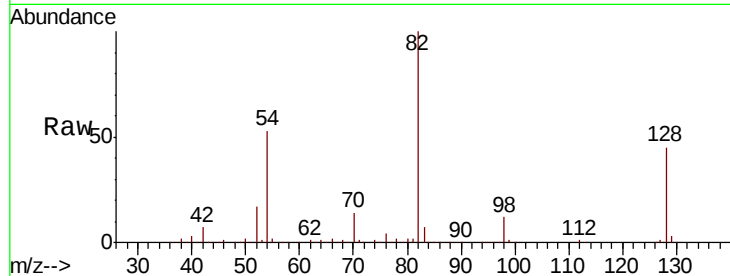
#23
Nitrobenzene-d5
Concen: 67.314 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112796.D
Acq: 1 Mar 2019 13:37

Instrument :
BNA_F
ClientSampleId :
COMP-DAY-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.3	54.5
54	53.4	43.7	65.5

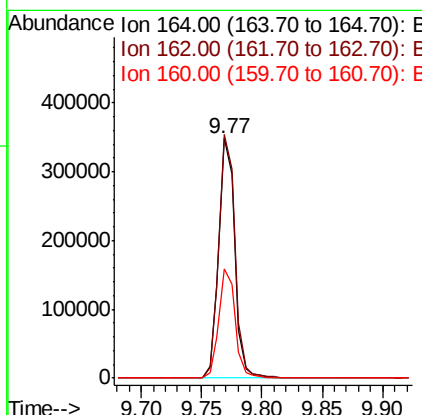
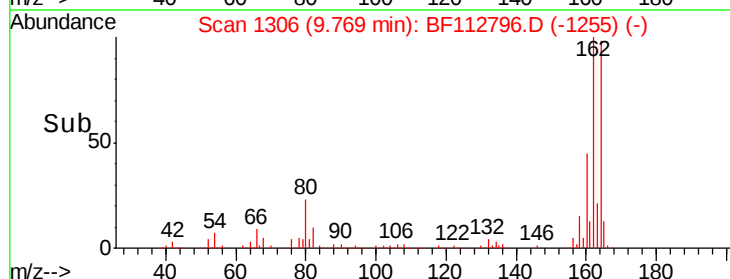
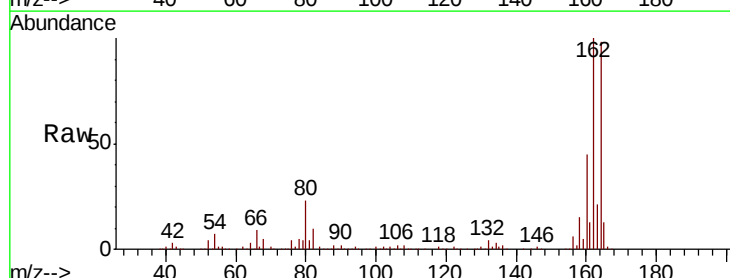
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112796.D
Acq: 1 Mar 2019 13:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	120.8
160	45.7	36.0	54.0





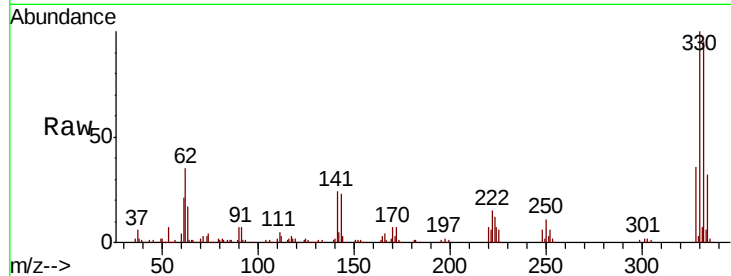
#42
 2,4,6-Tribromophenol
 Concen: 94.049 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF112796.D
 Acq: 1 Mar 2019 13:37

Instrument :
 BNA_F
 ClientSampleId :
 COMP-DAY-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	315740		
332	95.1	76.2	114.4	
141	29.6	27.0	40.6	

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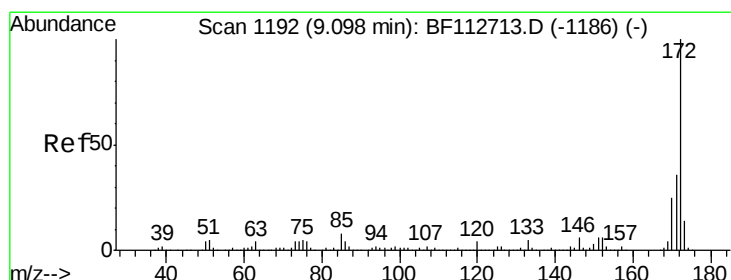
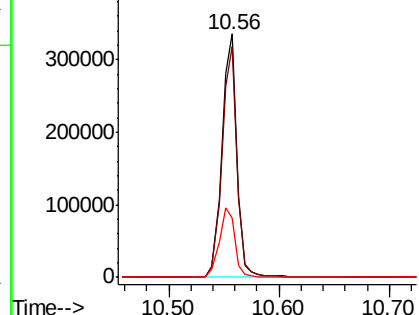
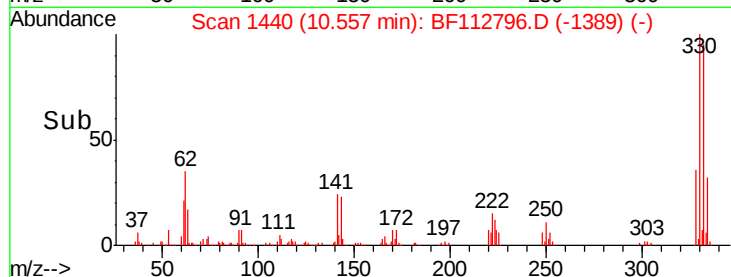


Abundance

Ion 329.80 (329.50 to 330.50): E

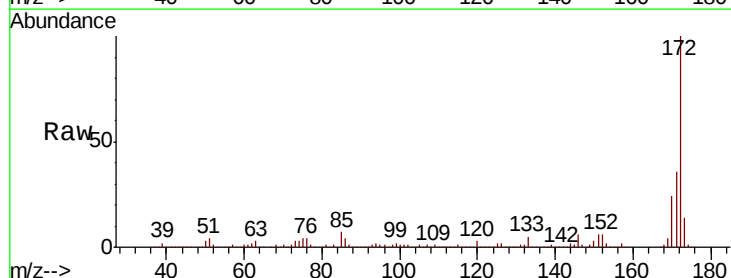
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 68.185 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112796.D
 Acq: 1 Mar 2019 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1371090		
171	35.8	29.0	43.4	
170	24.4	20.0	30.0	

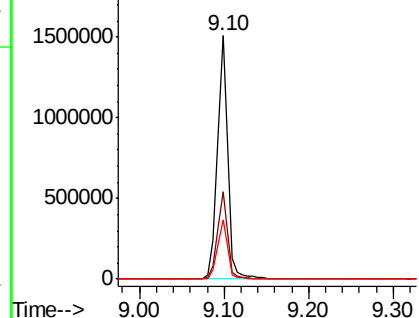
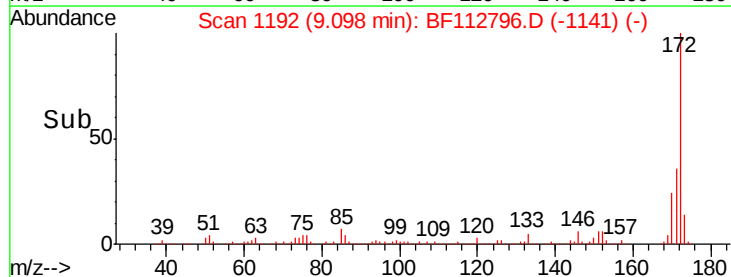


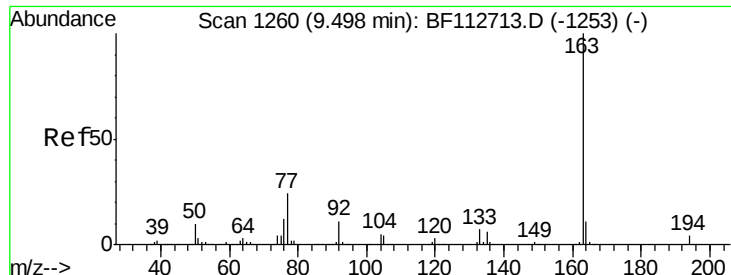
Abundance

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





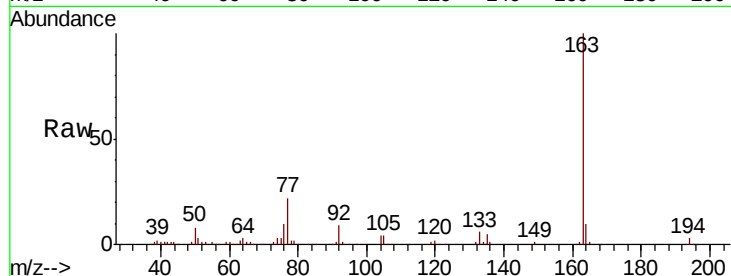
#50
Dimethylphthalate
Concen: 5.496 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112796.D
Acq: 1 Mar 2019 13:37

Instrument :
BNA_F
ClientSampleId :
COMP-DAY-1

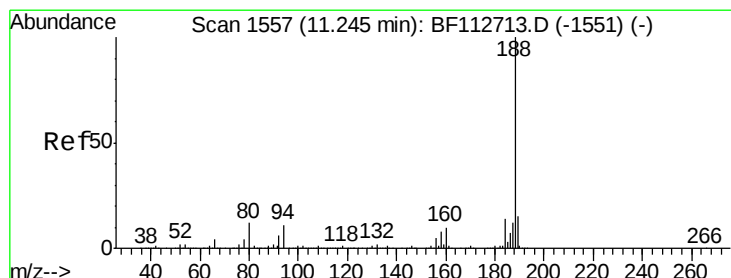
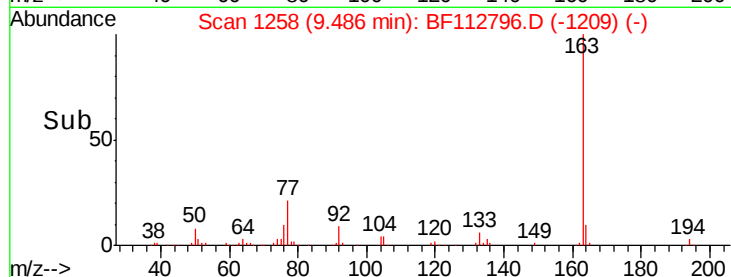
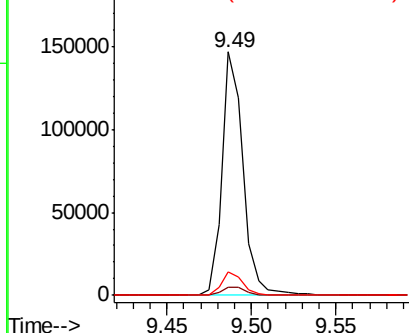
Tot Ion	Ratio	Resp	Lower	Upper
163	100	128147		
194	3.3		3.0	4.4
164	9.8		8.4	12.6

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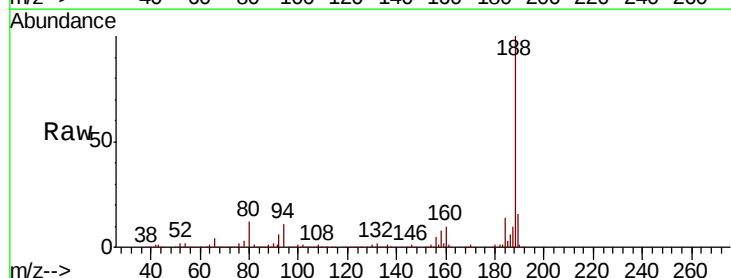


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

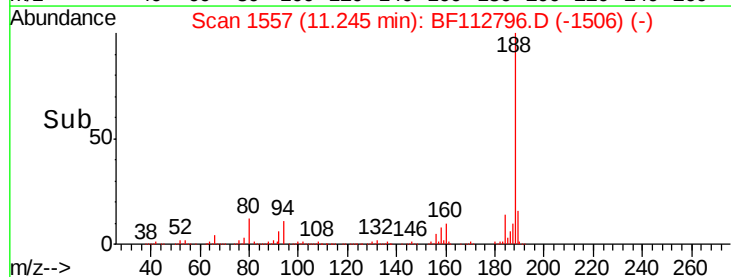
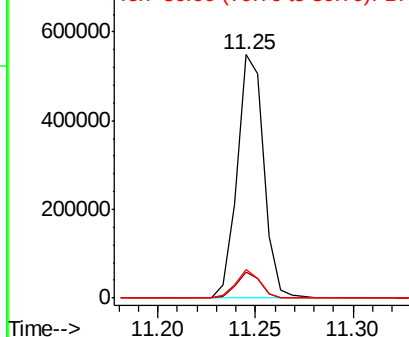


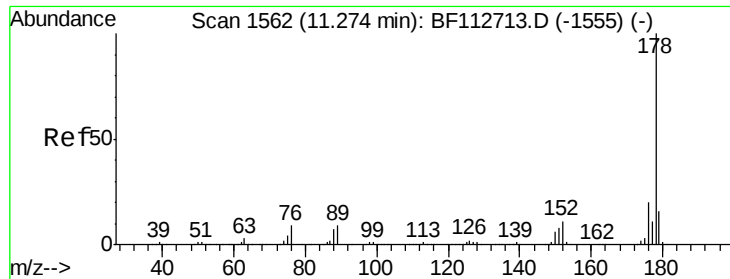
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112796.D
Acq: 1 Mar 2019 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	518070		
94	10.6		9.0	13.4
80	11.5		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





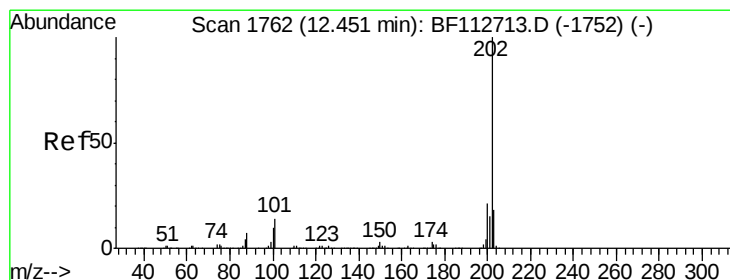
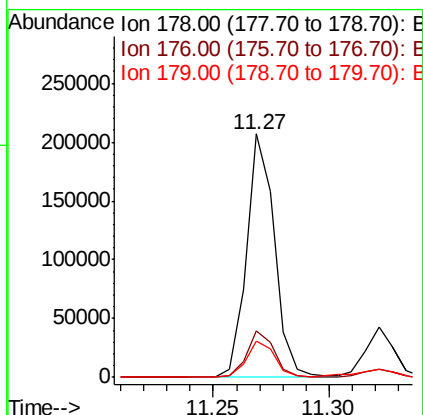
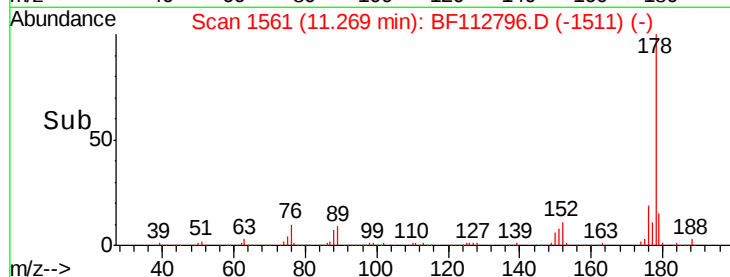
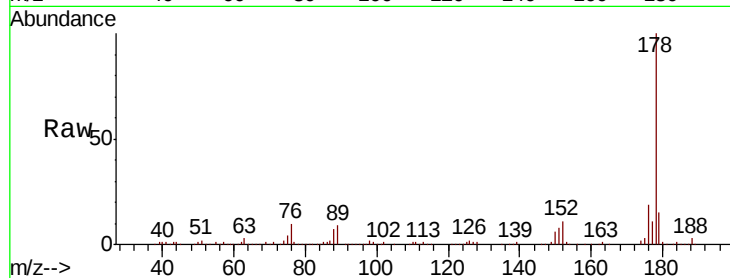
#71
Phenanthrene
Concen: 6.816 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112796.D
Acq: 1 Mar 2019 13:37

Instrument :
BNA_F
ClientSampleId :
COMP-DAY-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.3	24.5
179	15.1	12.7	19.1

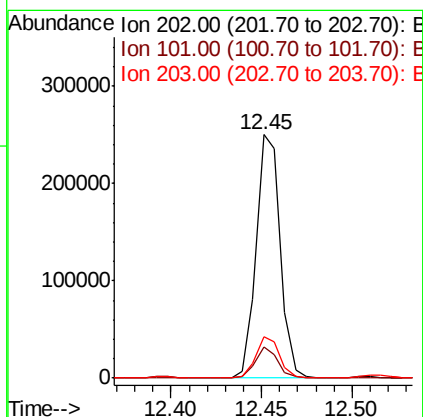
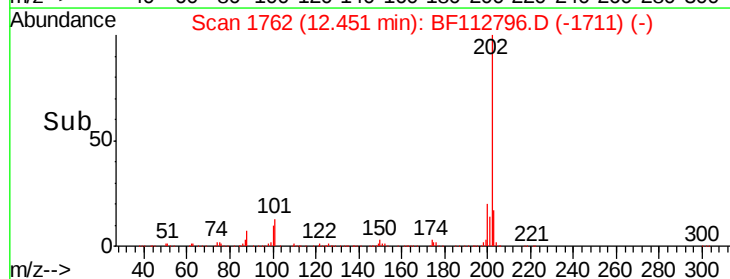
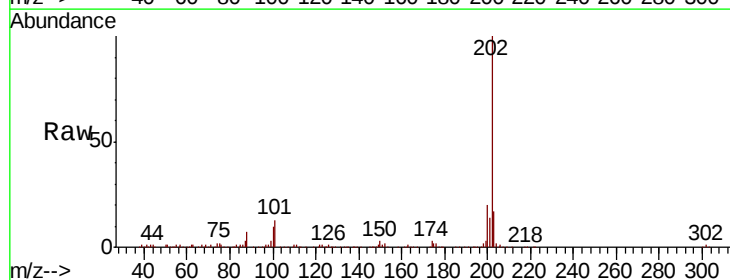
Manual Integrations
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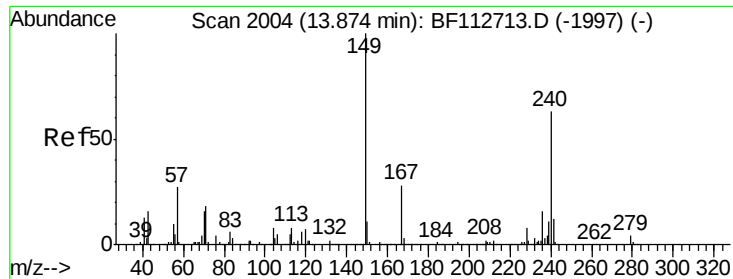
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#75
Fluoranthene
Concen: 8.394 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF112796.D
Acq: 1 Mar 2019 13:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.8
203	17.2	0.0	38.4





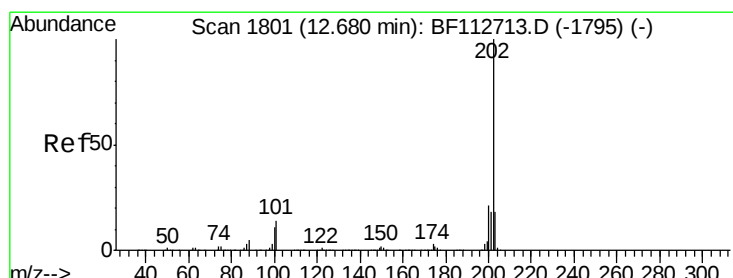
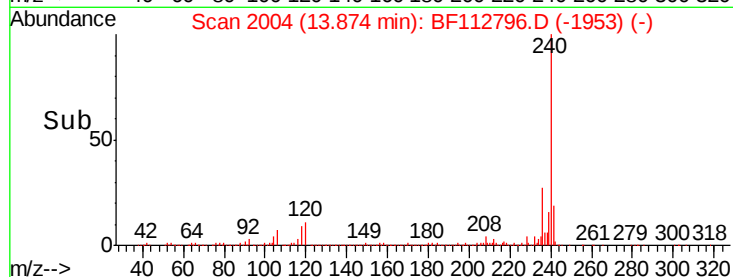
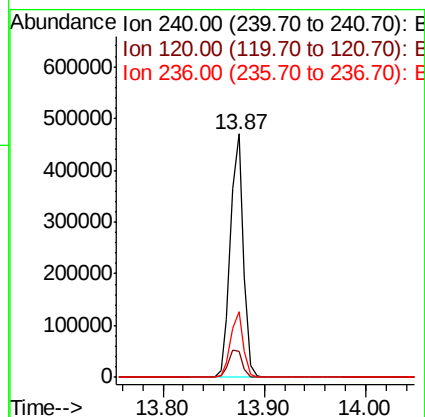
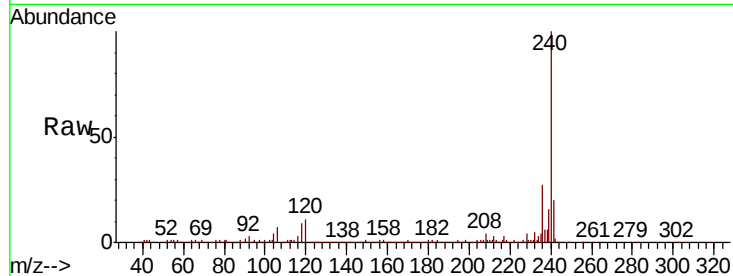
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112796.D
Acq: 1 Mar 2019 13:37

Instrument :
BNA_F
ClientSampleId :
COMP-DAY-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.9	13.3
236	26.8	20.7	31.1

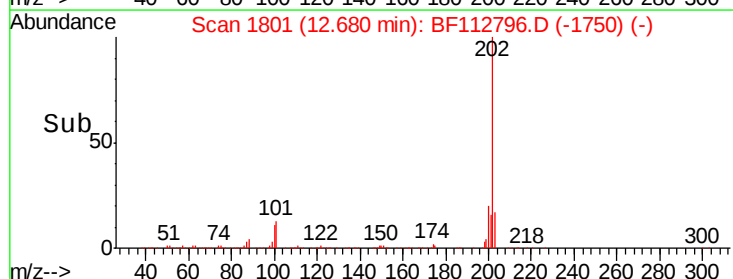
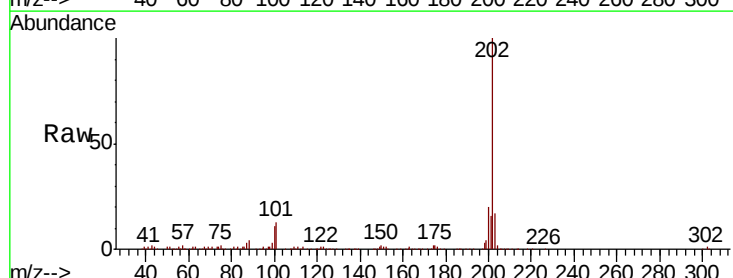
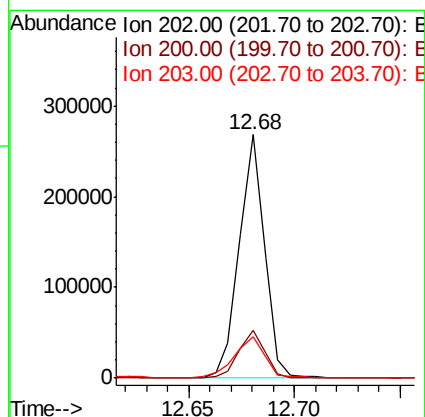
Manual Integrations
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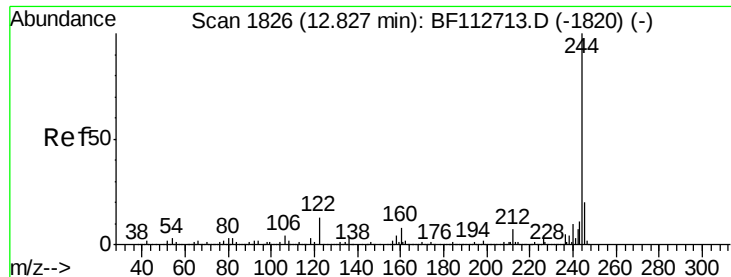
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#78
Pyrene
Concen: 6.267 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF112796.D
Acq: 1 Mar 2019 13:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.0	25.4
203	17.2	14.4	21.6





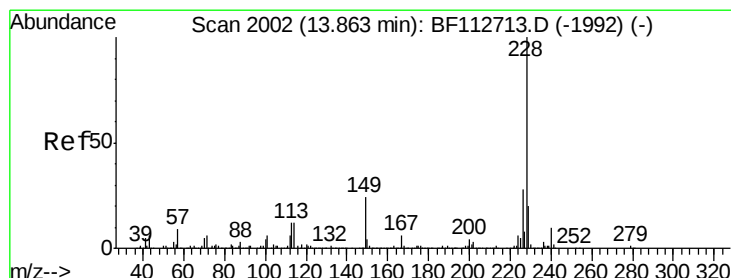
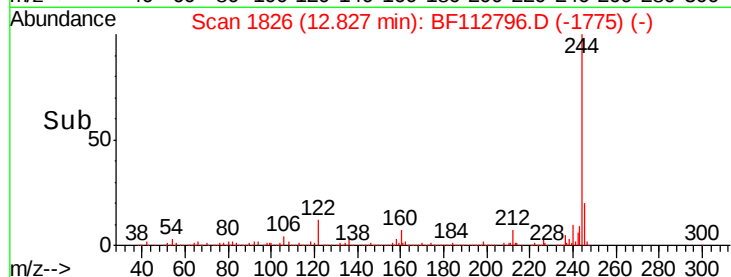
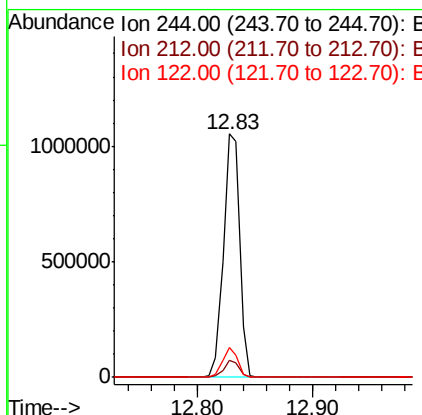
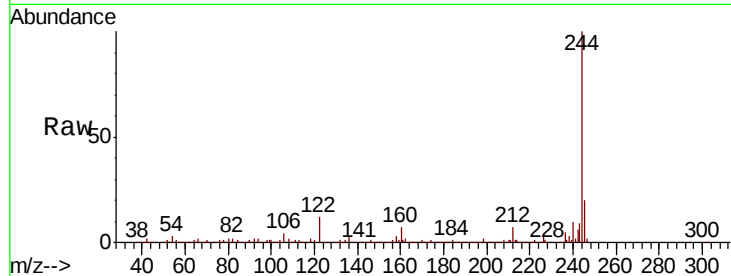
#79
 Terphenyl-d14
 Concen: 47.398 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF112796.D
 Acq: 1 Mar 2019 13:37

Instrument :
 BNA_F
 ClientSampleId :
 COMP-DAY-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	12.4	10.5	15.7

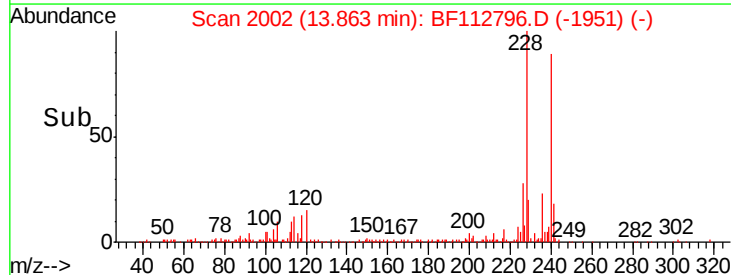
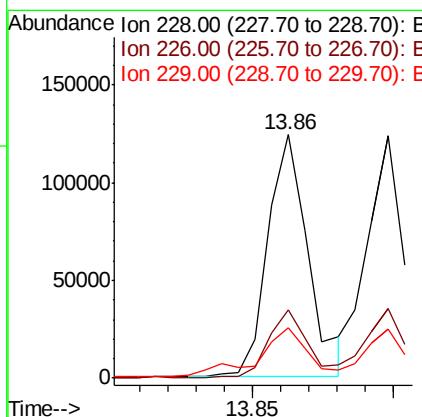
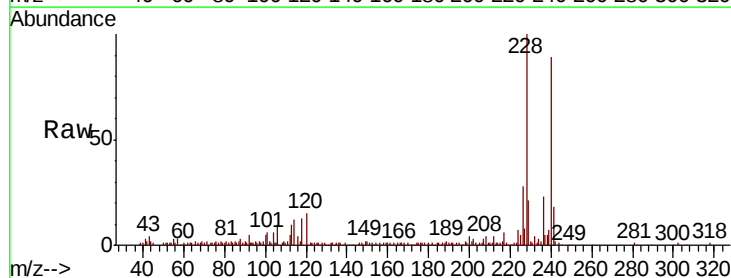
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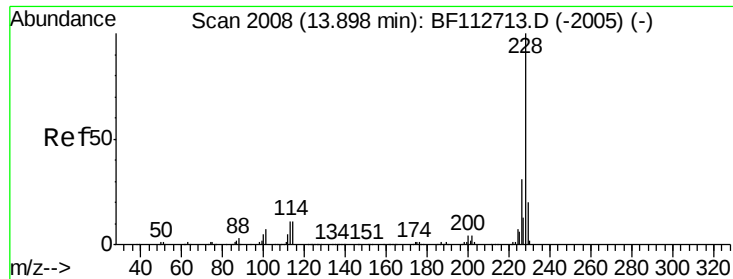
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#81
 Benzo(a)anthracene
 Concen: 4.225 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF112796.D
 Acq: 1 Mar 2019 13:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.4
229	20.8	16.0	24.0





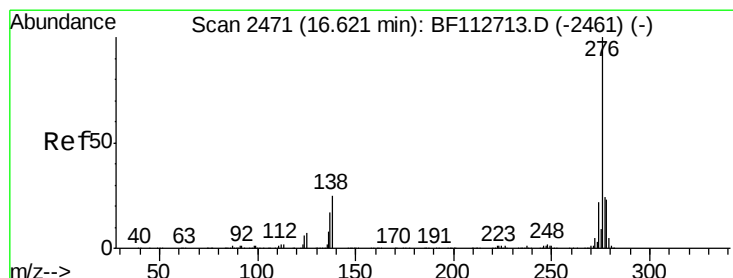
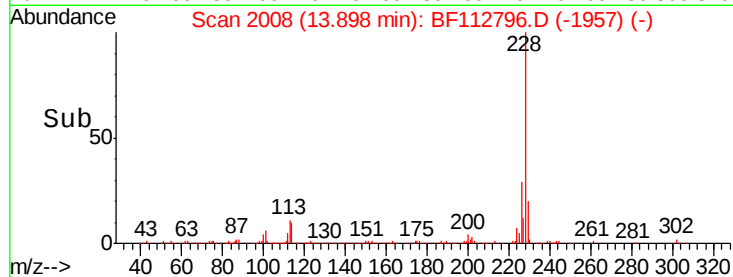
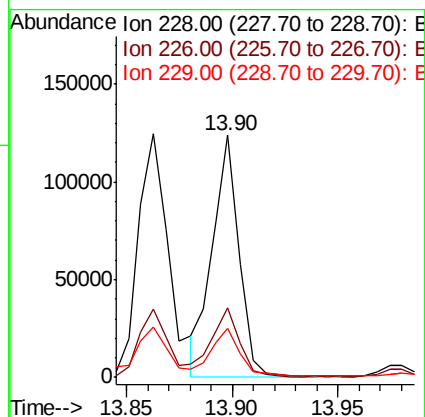
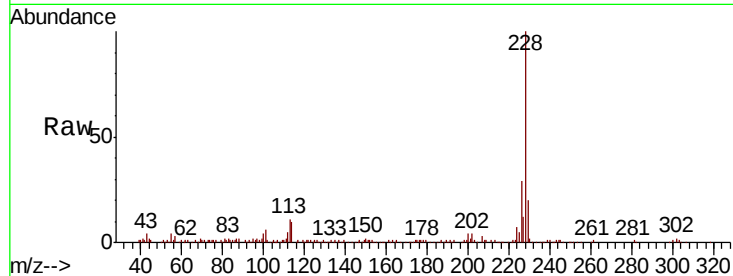
#83
Chrysene
Concen: 3.805 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF112796.D
Acq: 1 Mar 2019 13:37

Instrument :
BNA_F
ClientSampleId :
COMP-DAY-1

Tot Ion:	228	Resp:	108278
Ion Ratio	Lower	Upper	
228	100		
226	28.6	24.9	37.3
229	20.3	16.3	24.5

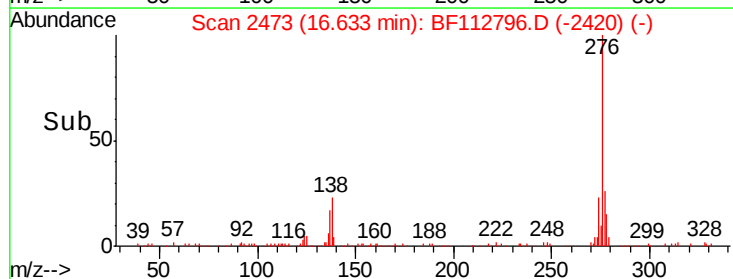
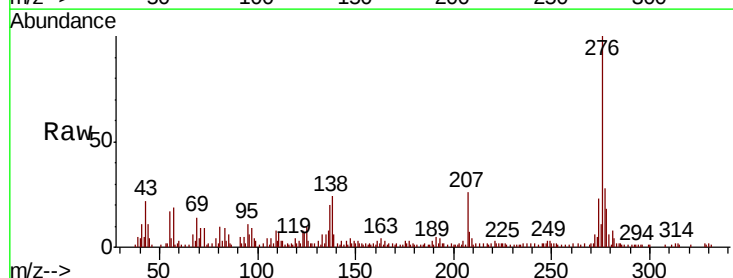
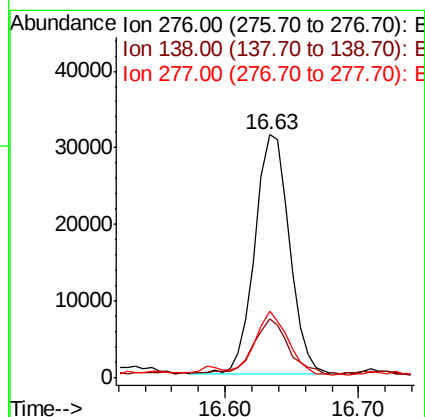
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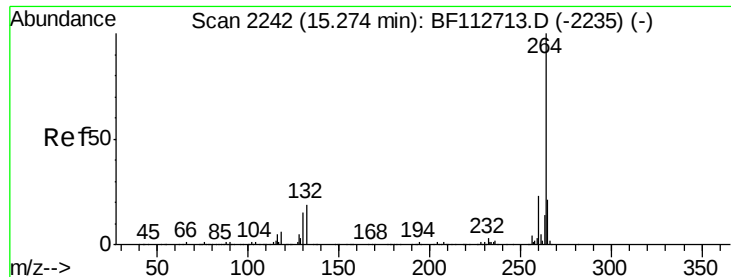
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.306 ng
RT: 16.63 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BF112796.D
Acq: 1 Mar 2019 13:37

Tgt Ion:	276	Resp:	55960
Ion Ratio	Lower	Upper	
276	100		
138	24.0	23.2	34.8
277	25.2	19.9	29.9





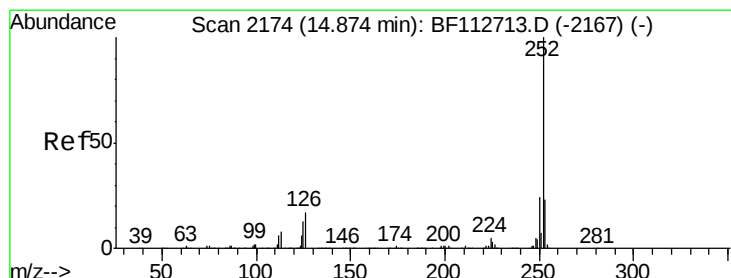
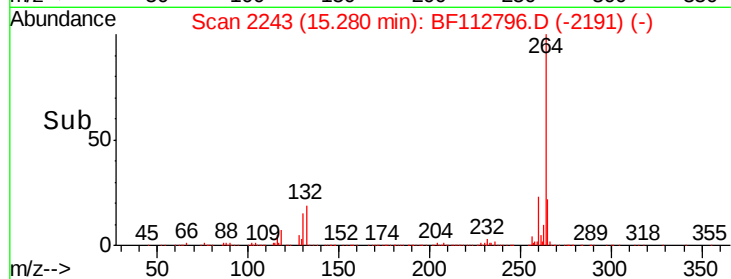
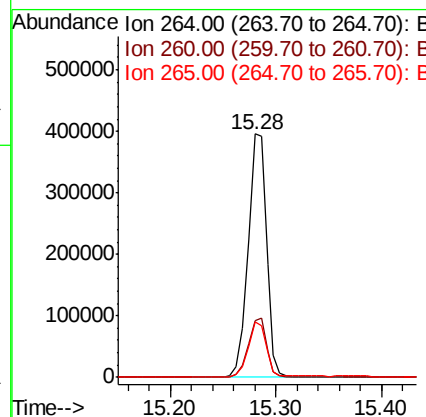
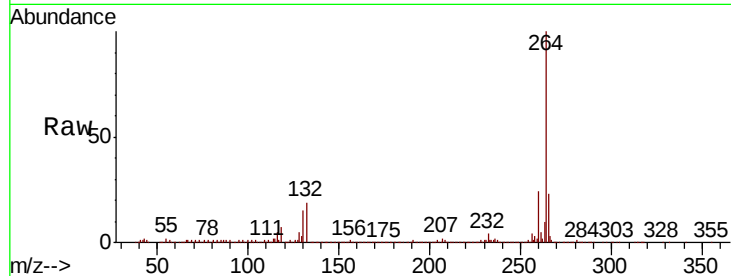
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF112796.D
Acq: 1 Mar 2019 13:37

Instrument :
BNA_F
ClientSampleId :
COMP-DAY-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.5	17.2	25.8

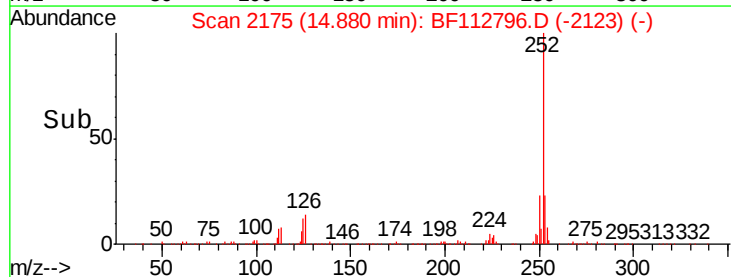
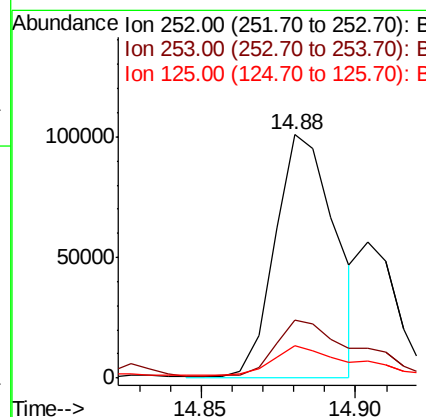
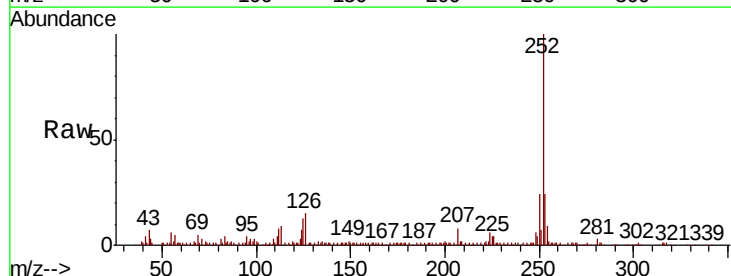
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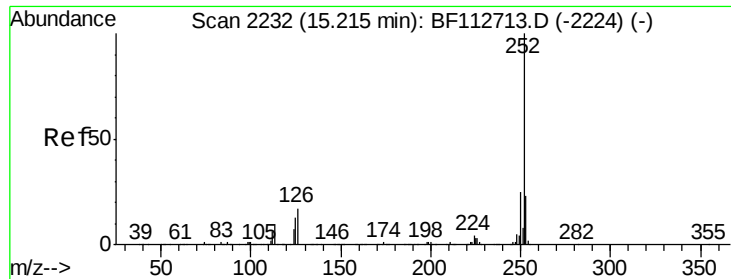
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#88
Benzo(b)fluoranthene
Concen: 4.492 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112796.D
Acq: 1 Mar 2019 13:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	13.1	10.2	15.2





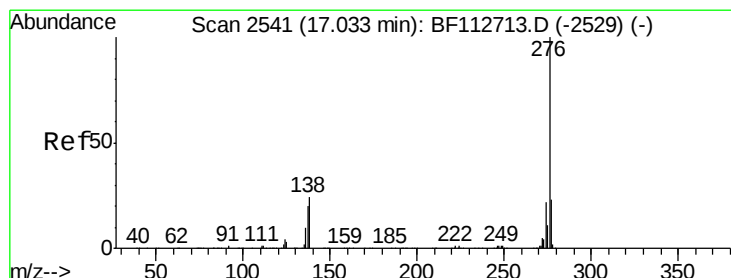
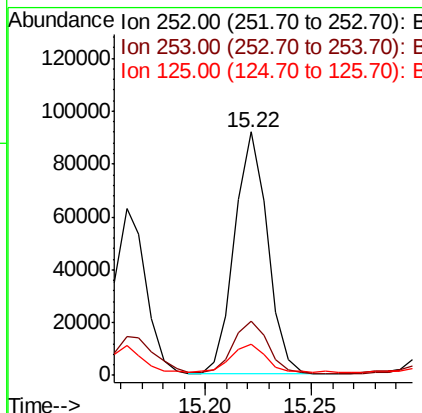
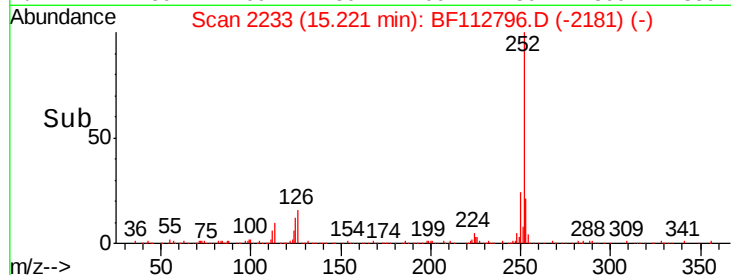
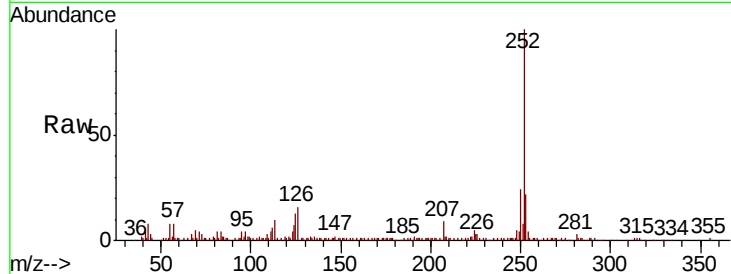
#90
Benzo(a)pyrene
Concen: 3.627 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF112796.D
Acq: 1 Mar 2019 13:37

Instrument :
BNA_F
ClientSampleId :
COMP-DAY-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	12.6	10.7	16.1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.251 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF112796.D
Acq: 1 Mar 2019 13:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.6	27.8
138	21.9	19.4	29.0

