

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
 Data File : BF113713.D
 Acq On : 10 Apr 2019 23:21
 Operator : JU/SJ
 Sample : K2342-11 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-S

Manual Integrations
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Sohil
 4/11/2019 2:40:06 PM

Quant Time: Apr 11 04:41:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	124538	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	494299	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	223006	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	410056	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	349619	20.00	ng	-0.02
87) Perylene-d12	15.23	264	277416	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	176049	24.11	ng	0.00
7) Phenol-d6	6.33	99	246486	27.38	ng	0.00
23) Nitrobenzene-d5	7.25	82	133302	15.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	58173	21.72	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	271397	19.59	ng	-0.02
79) Terphenyl-d14	12.77	244	253779	14.78	ng	-0.02
Target Compounds						Qvalue
75) Fluoranthene	12.40	202	80003	3.664	ng	97
78) Pyrene	12.63	202	83153	3.126	ng	97
81) Benzo(a)anthracene	13.82	228	81159	4.024	ng	99
83) Chrysene	13.85	228	73643	3.602	ng	98
86) Indeno(1,2,3-cd)pyrene	16.60	276	55875	2.960	ng	93
88) Benzo(b)fluoranthene	14.84	252	112470m	6.623	ng	
89) Benzo(k)fluoranthene	14.86	252	35808m	2.350	ng	
90) Benzo(a)pyrene	15.18	252	81000	5.368	ng	99
92) Benzo(g,h,i)perylene	17.02	276	52549	3.648	ng	97

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

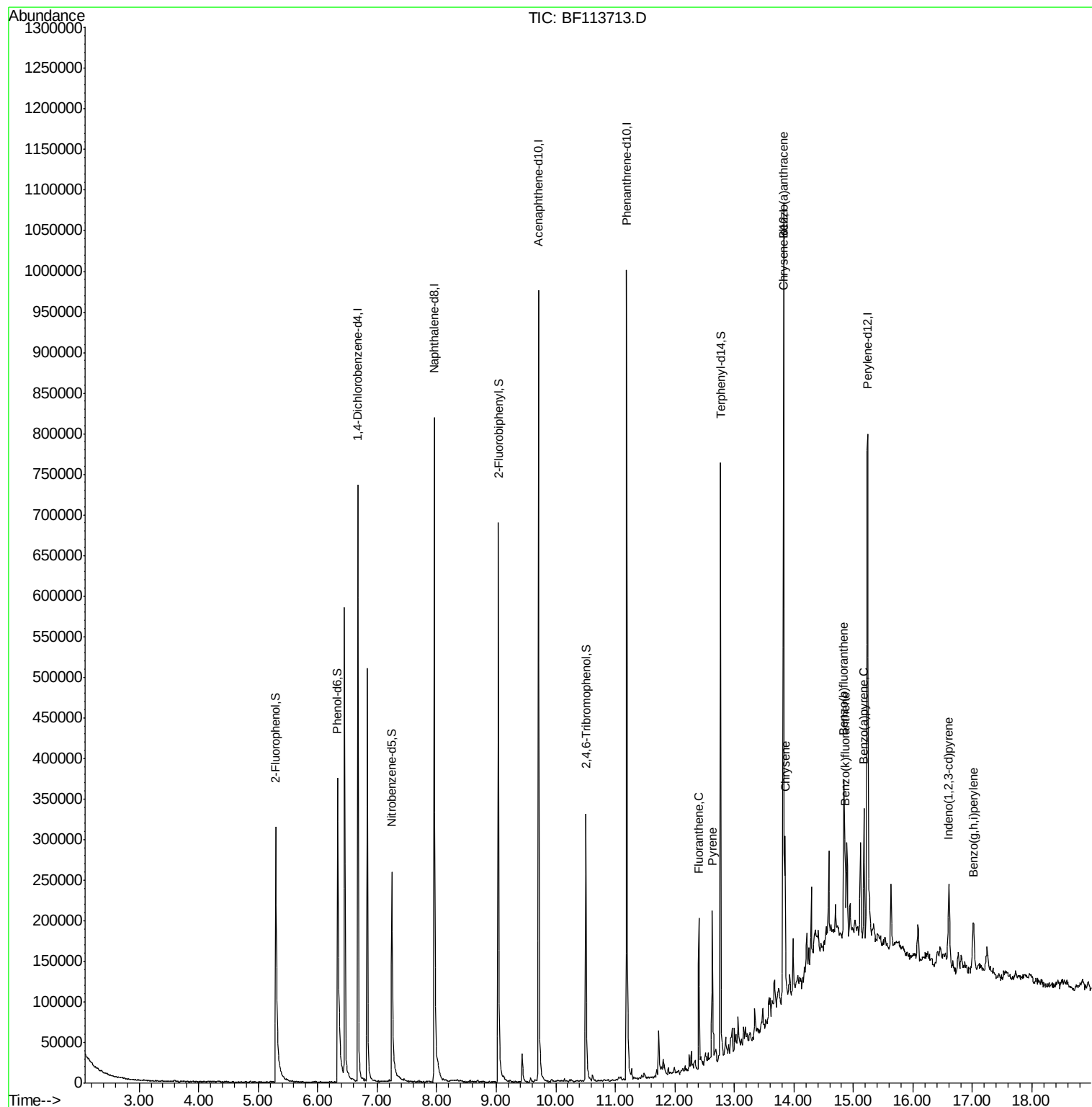
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113713.D
Acq On : 10 Apr 2019 23:21
Operator : JU/SJ
Sample : K2342-11 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

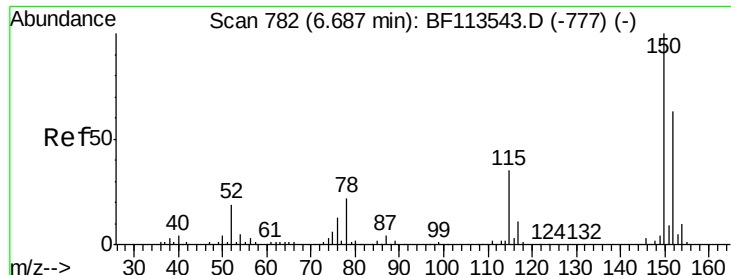
Instrument :
BNA_F
ClientSampleId :
TP-12-S

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4/11/2019 2:40:06 PM

Quant Time: Apr 11 04:41:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

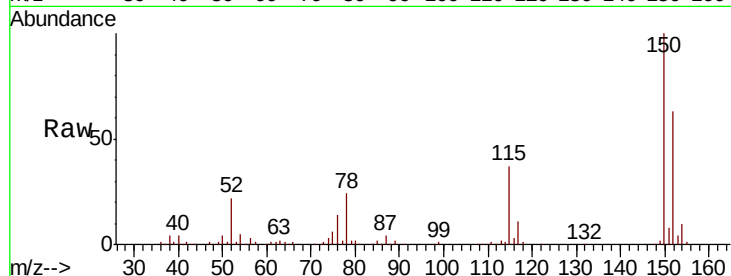
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF113713.D
 Acq: 10 Apr 2019 23:21

Instrument :
 BNA_F
 ClientSampled :
 TP-12-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.7	187.1
115	59.4	46.0	69.0

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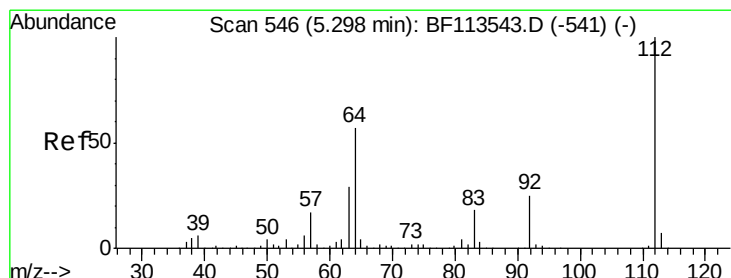
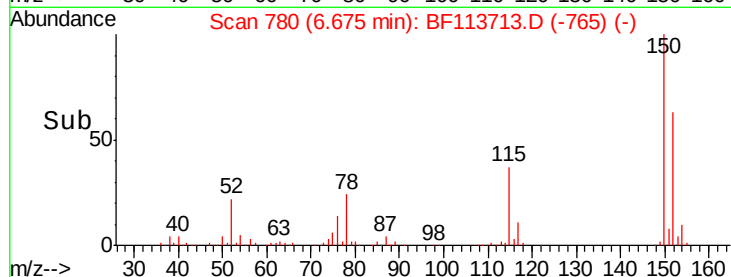
Abundance

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

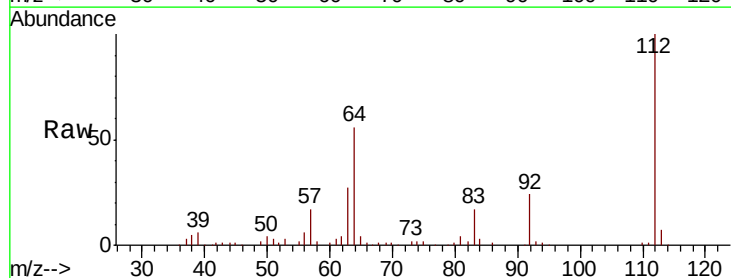
Time-->



#5

2-Fluorophenol
 Concen: 24.105 ng
 RT: 5.30 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF113713.D
 Acq: 10 Apr 2019 23:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	49.2	73.8
63	26.7	24.9	37.3



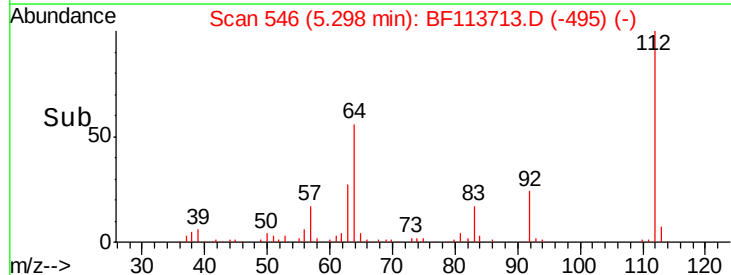
Abundance

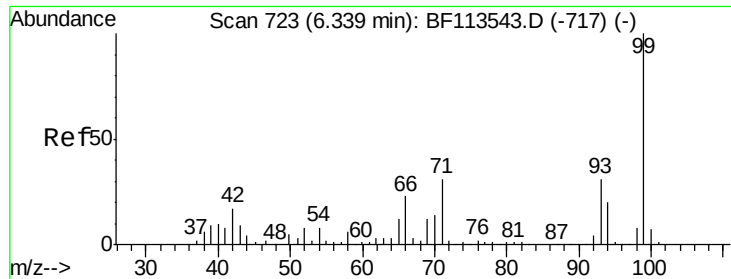
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 27.383 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113713.D

Acq: 10 Apr 2019 23:21

Instrument :

BNA_F

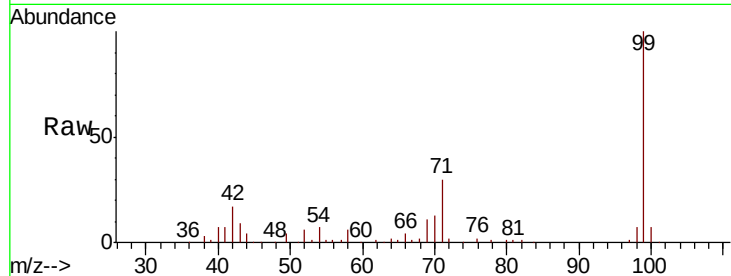
ClientSampled :

TP-12-S

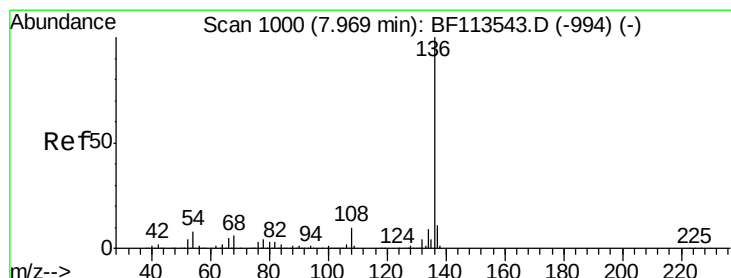
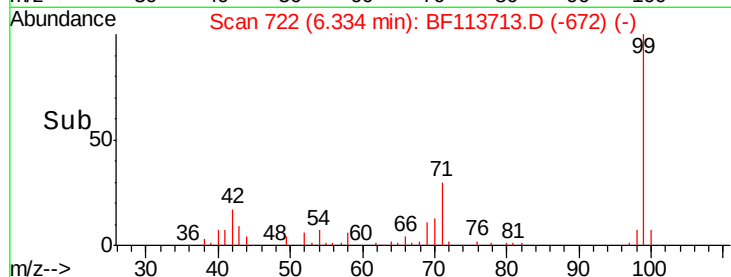
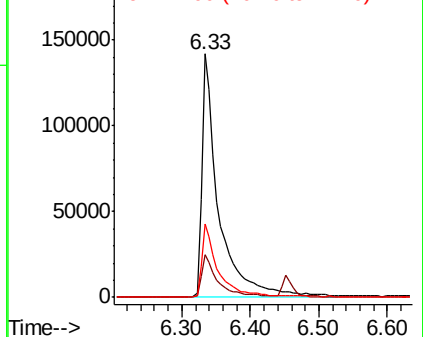
Tot Ion:	99	Resp:	246486
Ion Ratio	Lower	Upper	
99	100		
42	17.5	14.8	22.2
71	30.2	24.9	37.3

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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: 7.96 min Scan# 999

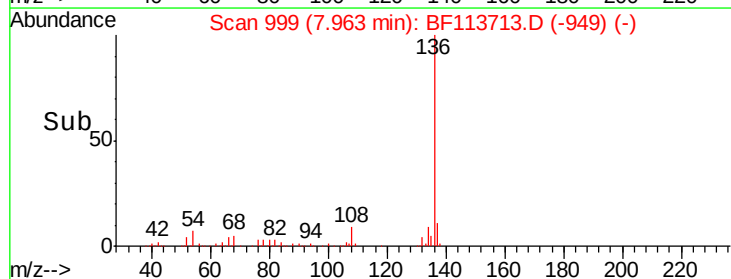
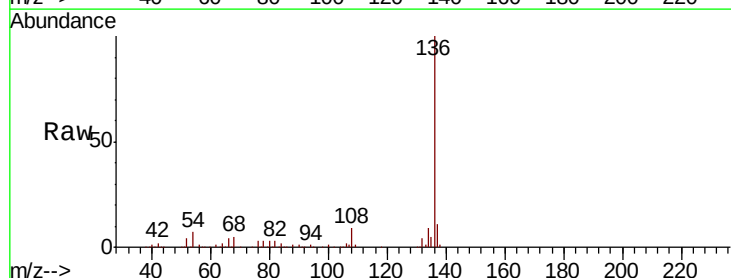
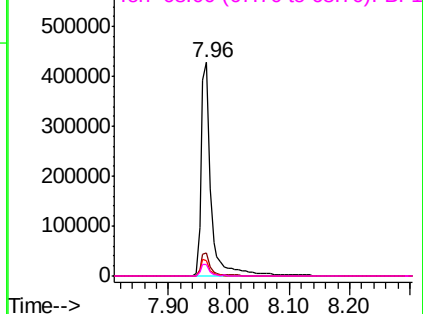
Delta R.T. -0.01 min

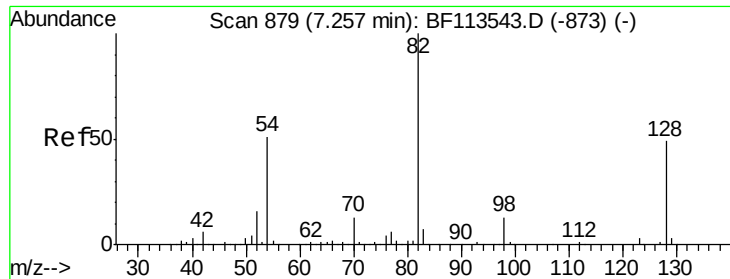
Lab File: BF113713.D

Acq: 10 Apr 2019 23:21

Tgt Ion:	136	Resp:	494299
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	7.1	7.0	10.6
68	5.5	4.8	7.2

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





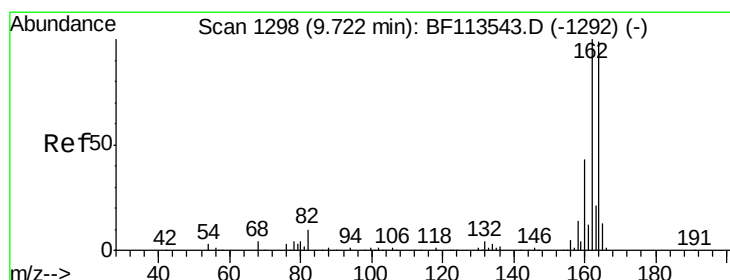
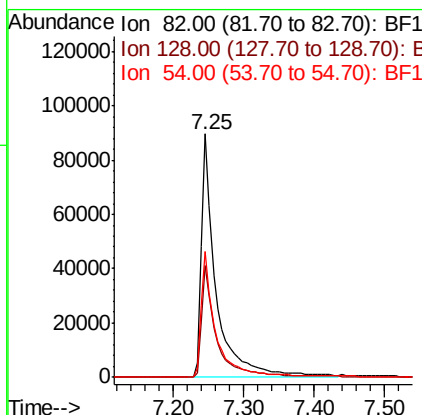
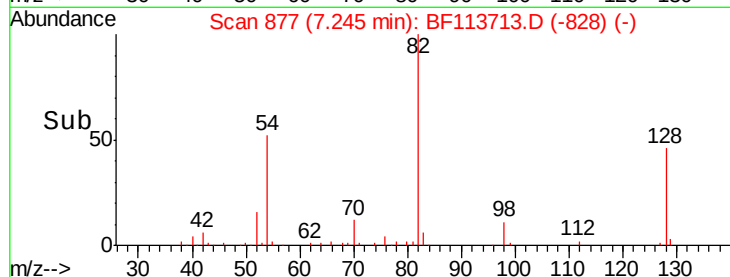
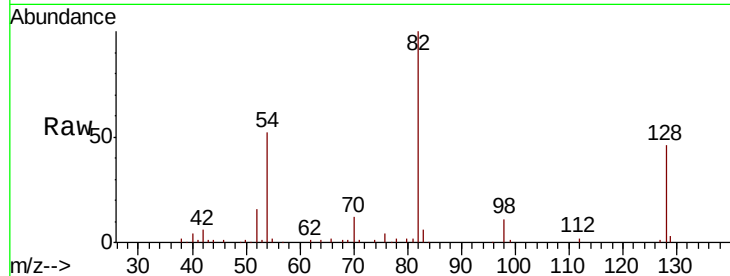
#23
Nitrobenzene-d5
Concen: 15.797 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113713.D
Acq: 10 Apr 2019 23:21

Instrument :
BNA_F
ClientSampled :
TP-12-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.5	54.7
54	51.7	42.2	63.2

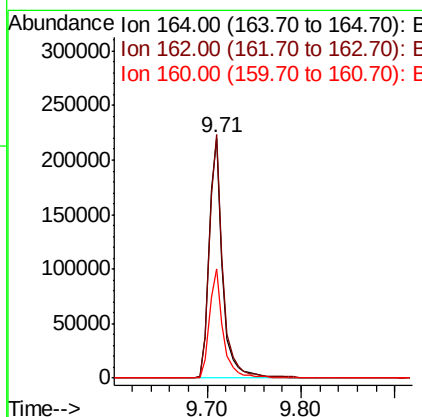
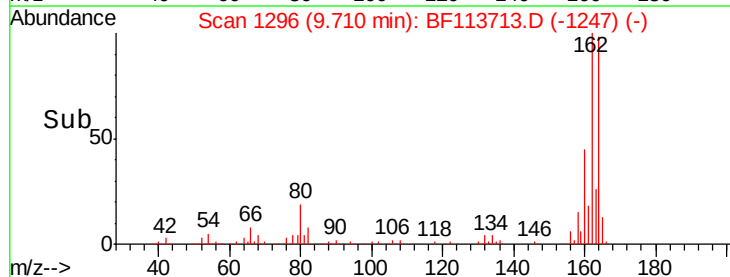
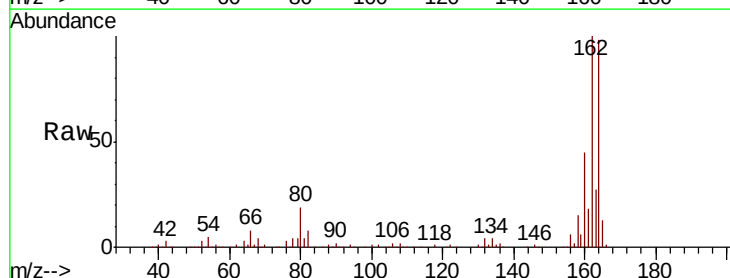
Manual Integrations
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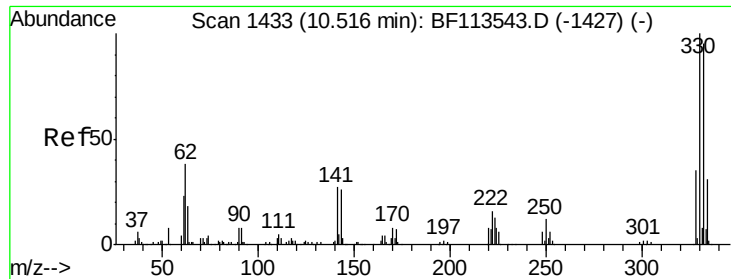
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113713.D
Acq: 10 Apr 2019 23:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.8	122.6
160	45.3	36.4	54.6





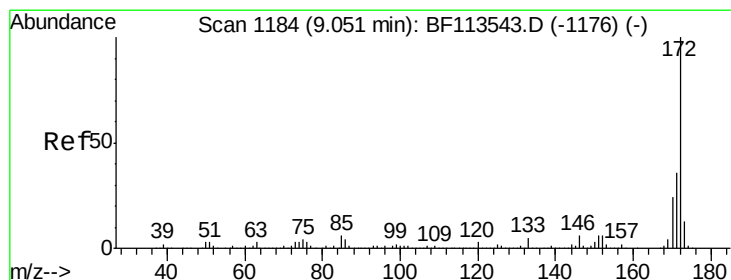
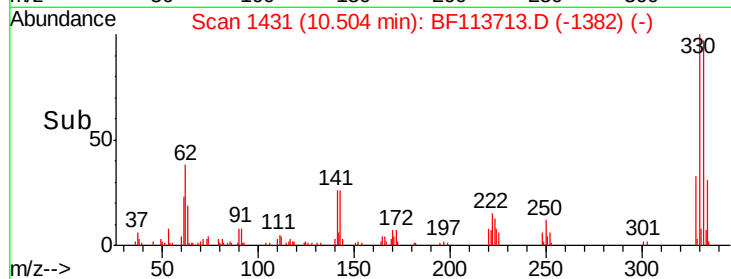
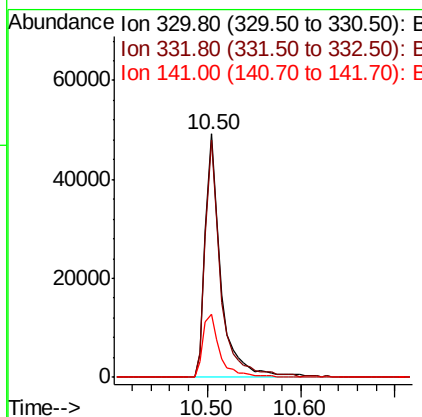
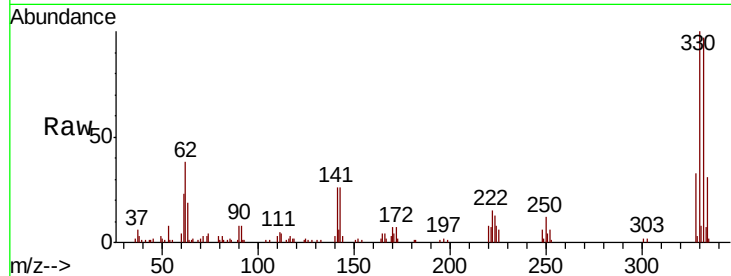
#42
 2,4,6-Tribromophenol
 Concen: 21.716 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113713.D
 Acq: 10 Apr 2019 23:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.8	116.6
141	27.9	22.7	34.1

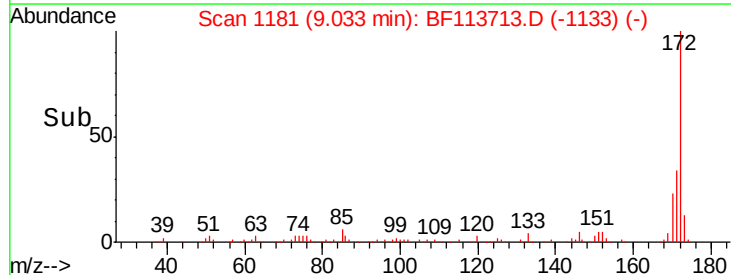
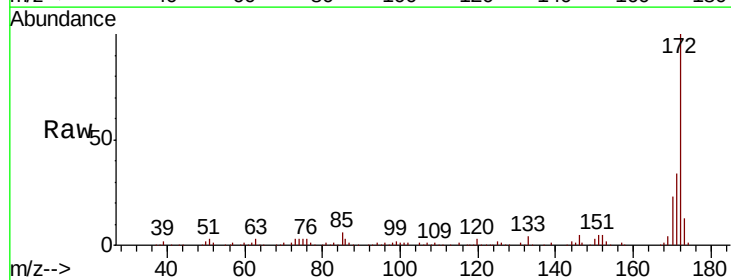
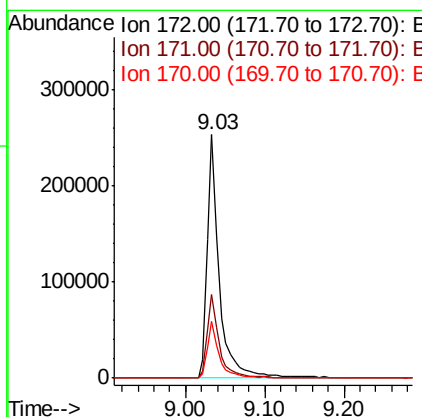
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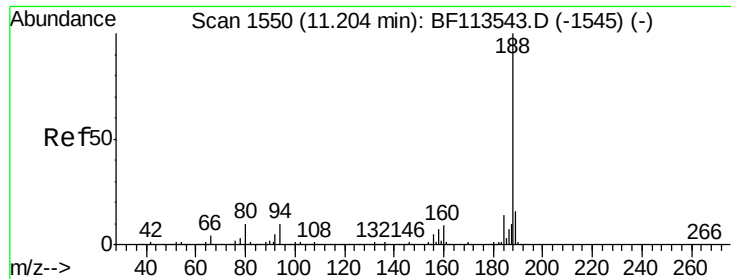
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#45
 2-Fluorobiphenyl
 Concen: 19.592 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113713.D
 Acq: 10 Apr 2019 23:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.0	43.6
170	23.2	19.5	29.3





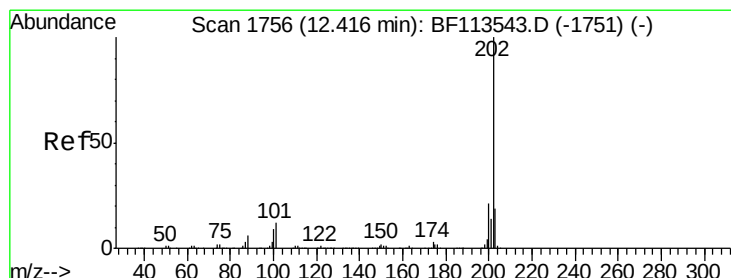
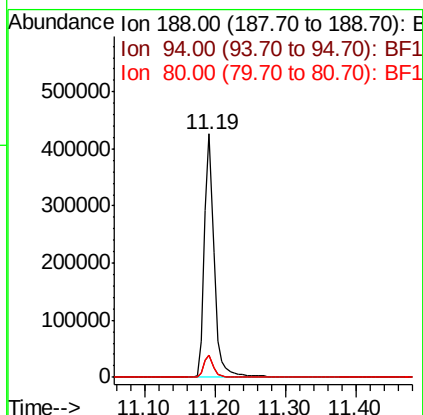
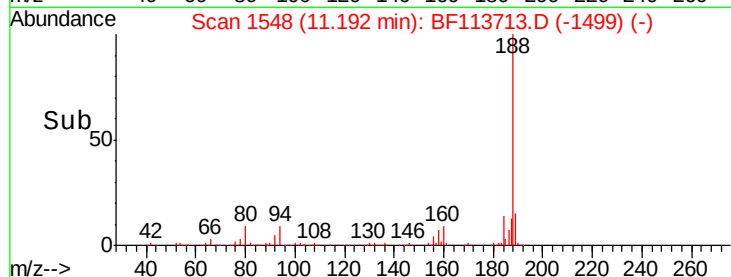
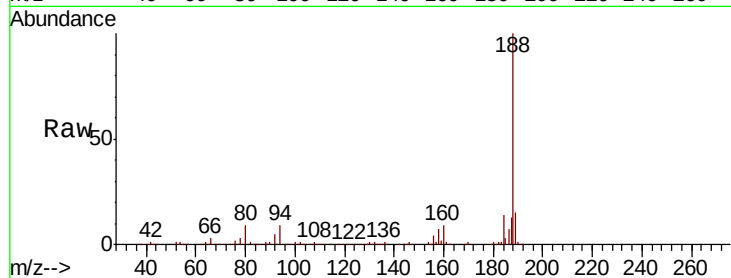
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113713.D
Acq: 10 Apr 2019 23:21

Instrument :
BNA_F
ClientSampled :
TP-12-S

Tot Ion	Ratio	Resp	Lower	Upper
188	100	410056		
94	8.9		7.0	10.6
80	9.0		7.7	11.5

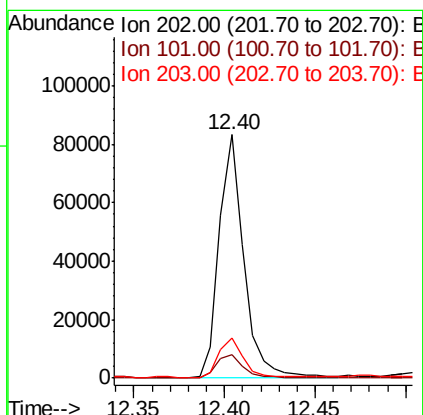
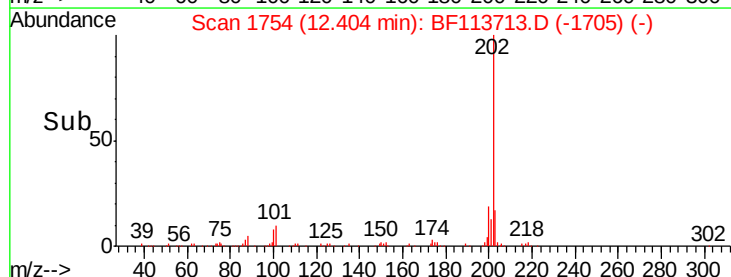
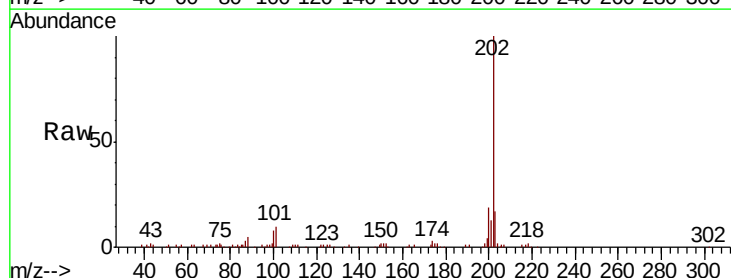
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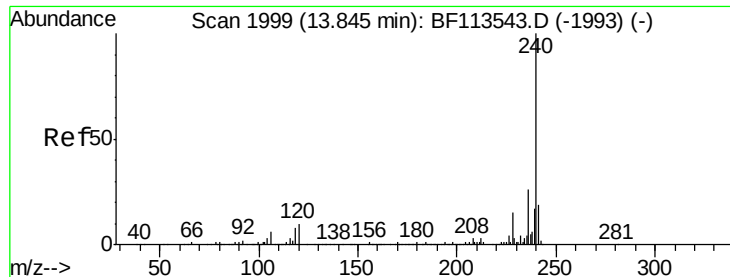
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#75
Fluoranthene
Concen: 3.664 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF113713.D
Acq: 10 Apr 2019 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	80003		
101	9.9		0.0	31.4
203	16.7		0.0	38.0





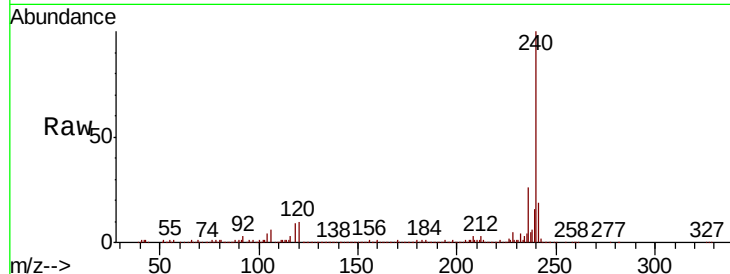
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113713.D
Acq: 10 Apr 2019 23:21

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tot Ion	Ratio	Resp	Lower	Upper
240	100	349619		
120	9.9	8.8	13.2	
236	25.8	20.9	31.3	

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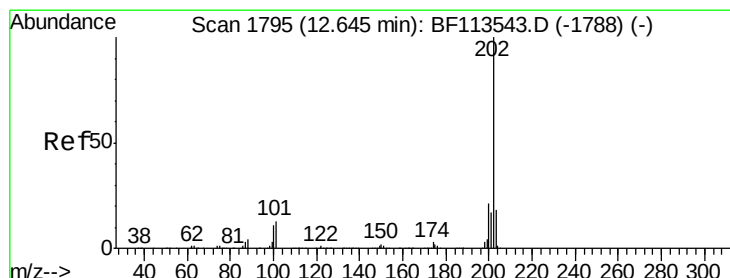
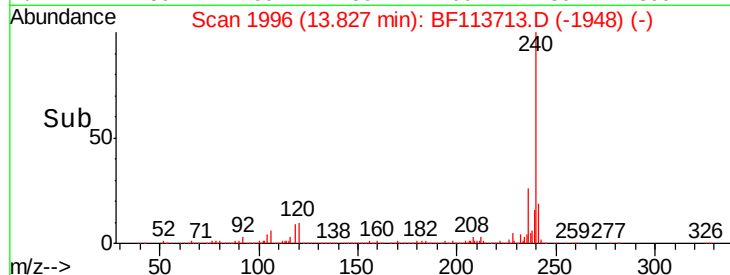
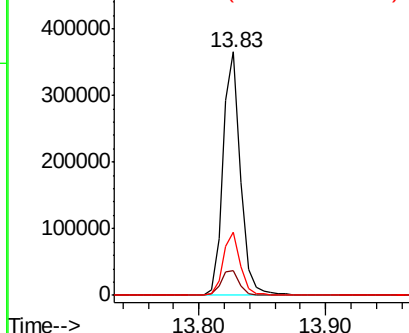


Abundance

Ion 240.00 (239.70 to 240.70): E

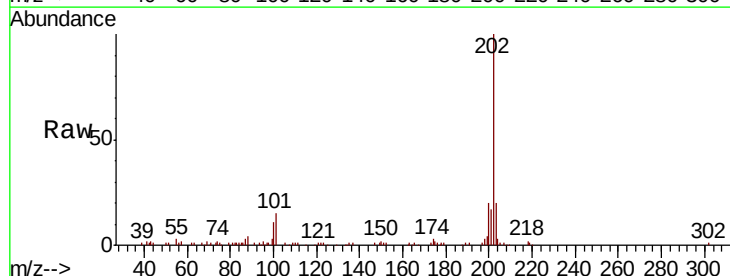
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 3.126 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BF113713.D
Acq: 10 Apr 2019 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	83153		
200	20.1	16.8	25.2	
203	19.6	14.4	21.6	

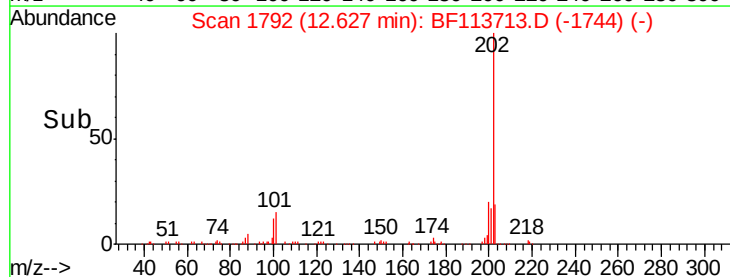
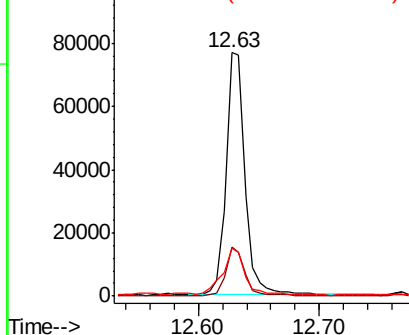


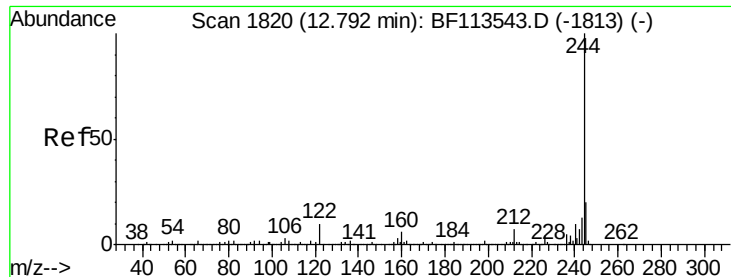
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





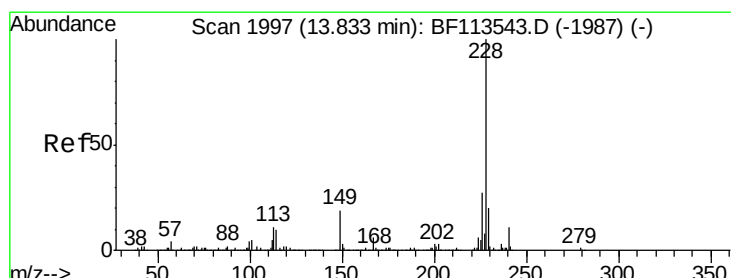
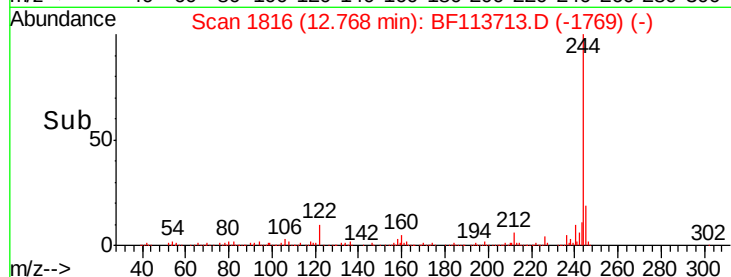
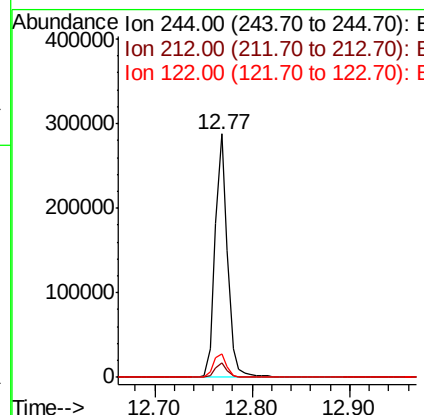
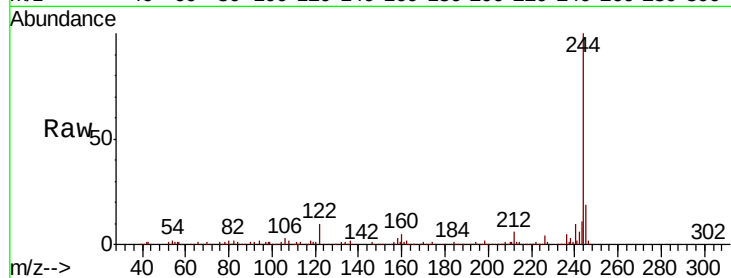
#79
 Terphenyl-d14
 Concen: 14.779 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113713.D
 Acq: 10 Apr 2019 23:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.5	8.3
122	9.8	8.6	13.0

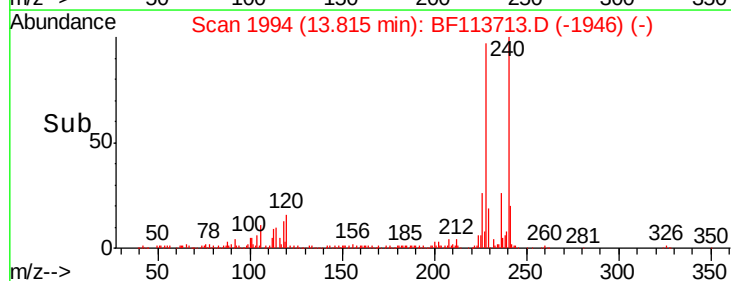
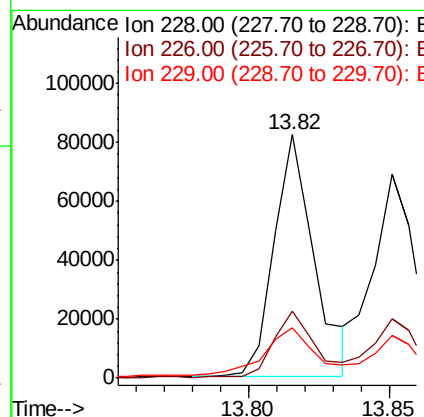
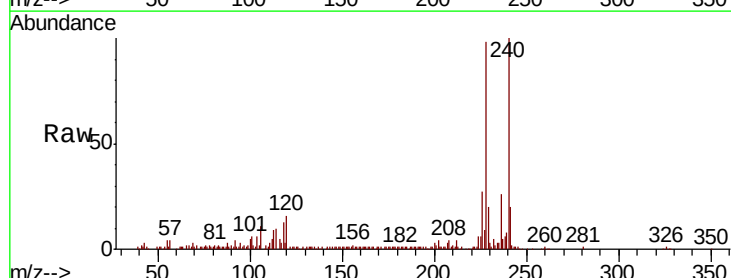
Manual Integrations
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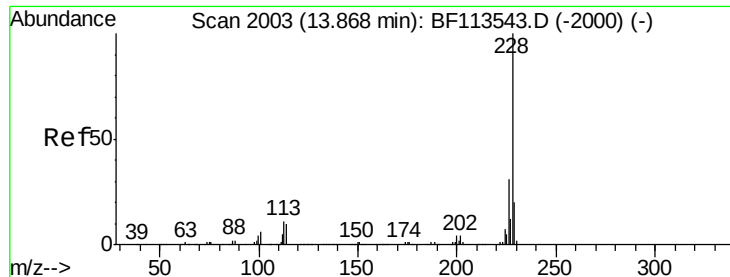
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#81
 Benzo(a)anthracene
 Concen: 4.024 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BF113713.D
 Acq: 10 Apr 2019 23:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	20.6	16.2	24.4





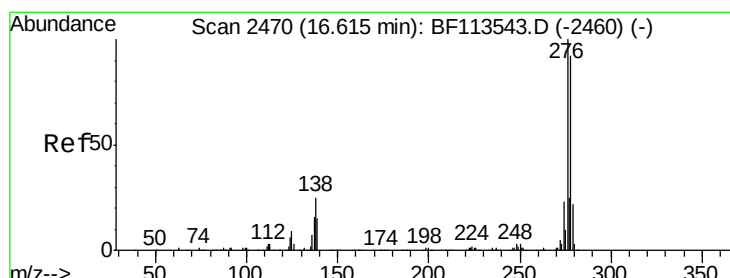
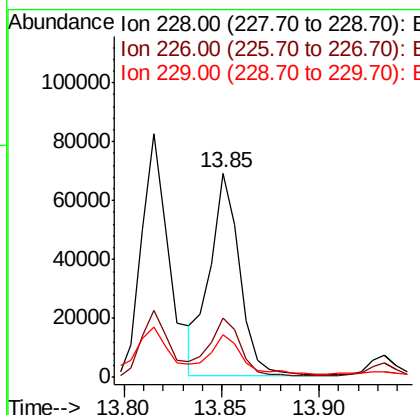
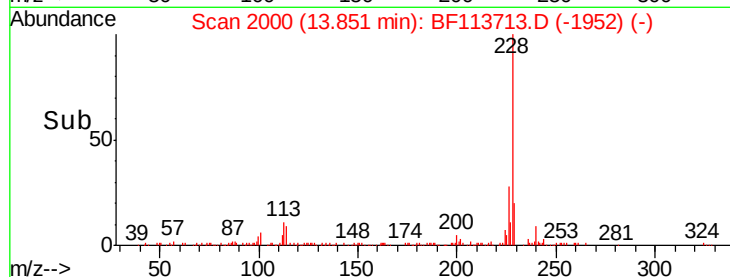
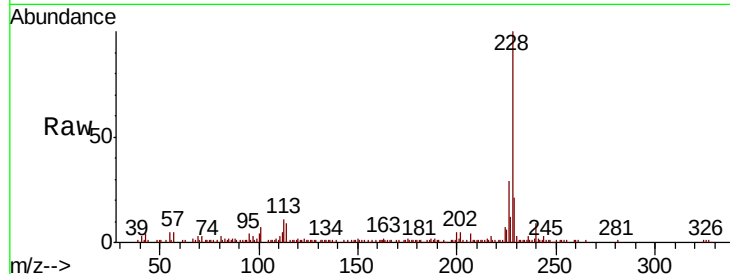
#83
Chrysene
Concen: 3.602 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BF113713.D
Acq: 10 Apr 2019 23:21

Instrument :
BNA_F
ClientSampled :
TP-12-S

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.3	36.5
229	21.0	16.3	24.5

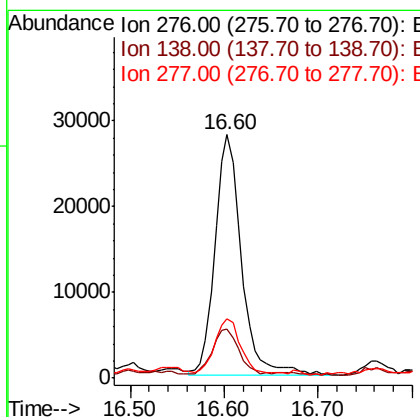
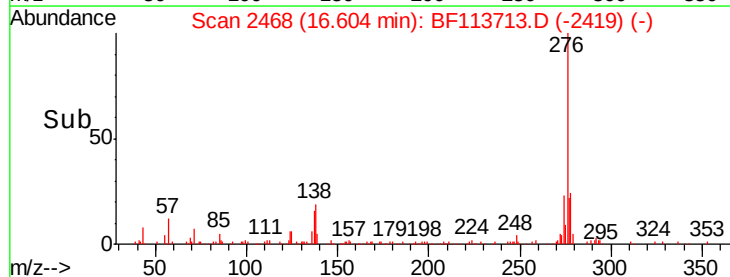
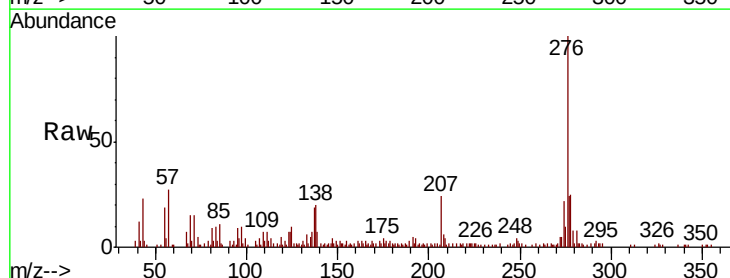
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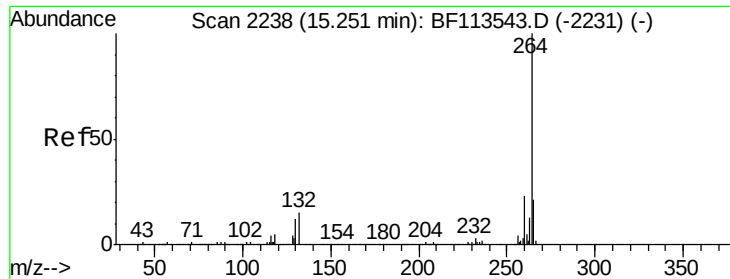
Sohil
4/11/2019 2:40:06 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 2.960 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF113713.D
Acq: 10 Apr 2019 23:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.8	18.1	27.1
277	21.7	20.2	30.4





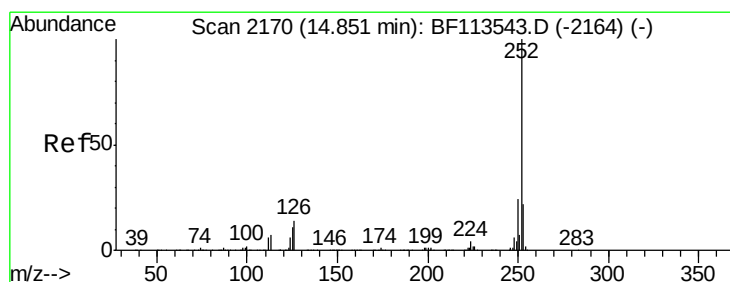
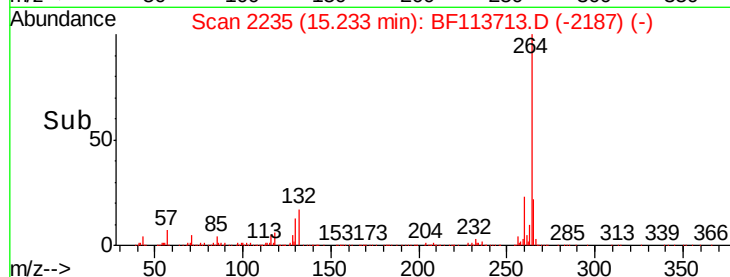
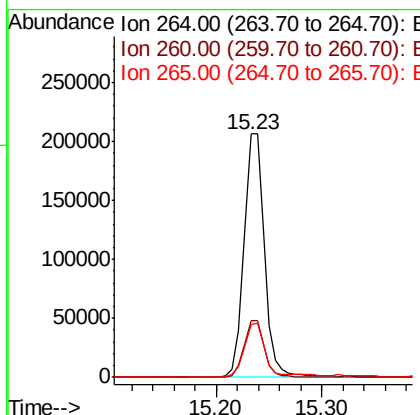
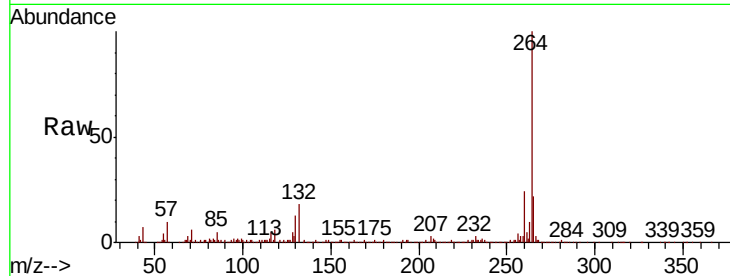
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113713.D
Acq: 10 Apr 2019 23:21

Instrument :
BNA_F
ClientSampled :
TP-12-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.8	17.1	25.7

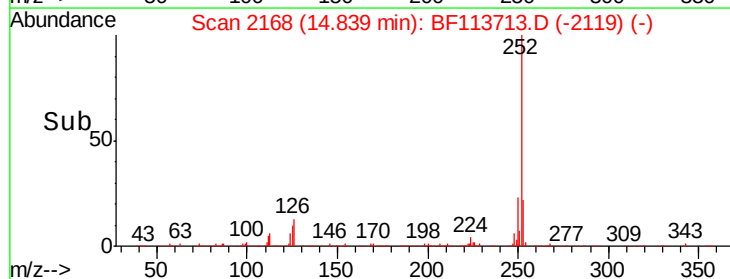
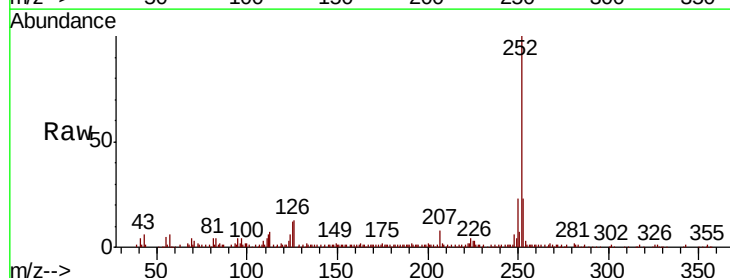
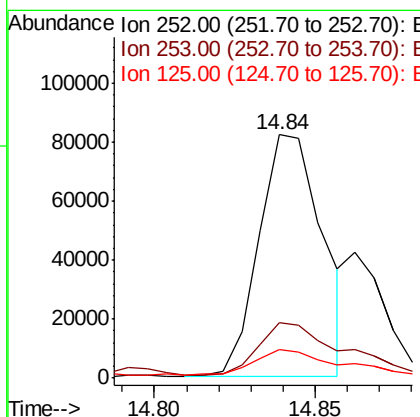
Manual Integrations
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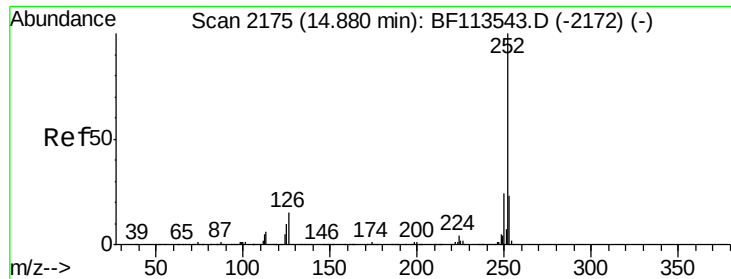
Sohil
4/11/2019 2:40:06 PM



#88
Benzo(b)fluoranthene
Concen: 6.623 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113713.D
Acq: 10 Apr 2019 23:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	11.6	7.6	11.4#





#89

Benzo(k)fluoranthene

Concen: 2.350 ng

RT: 14.86 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BF113713.D

Acq: 10 Apr 2019 23:21

Instrument :

BNA_F

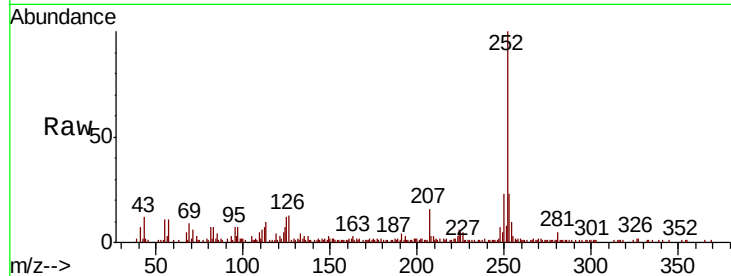
ClientSampled :

TP-12-S

Tot Ion:	252	Resp:	35808
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.7	26.5
125	11.6	7.3	10.9

Manual Integrations
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Sohil
4/11/2019 2:40:06 PM

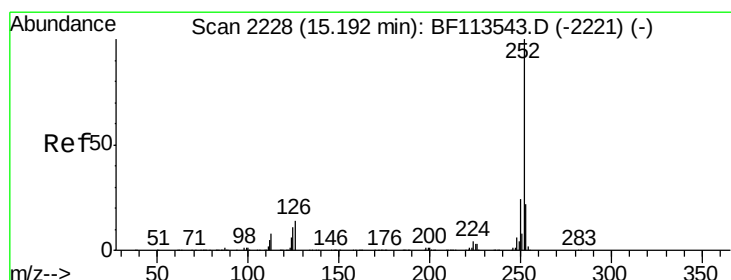
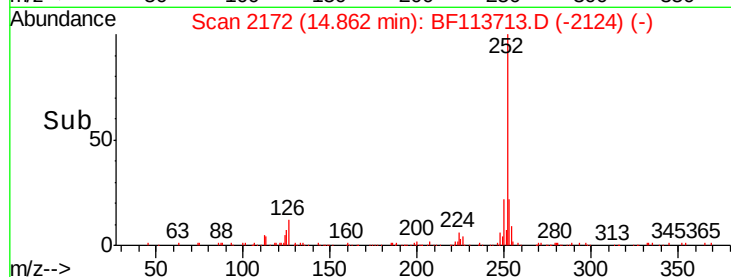
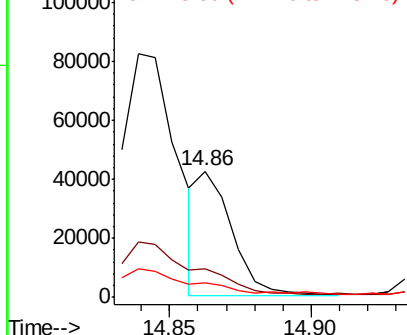


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 5.368 ng

RT: 15.18 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BF113713.D

Acq: 10 Apr 2019 23:21

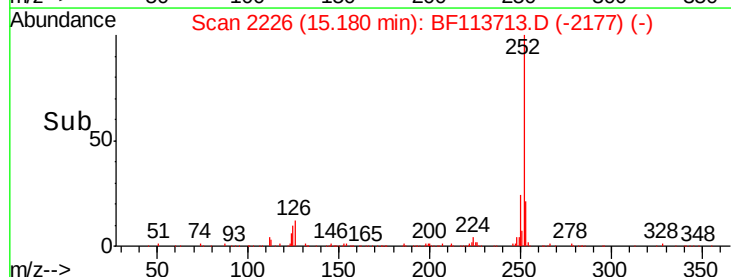
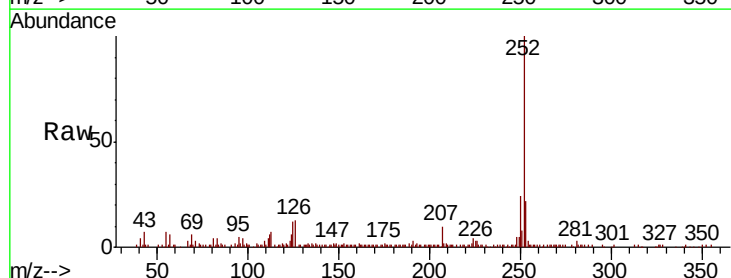
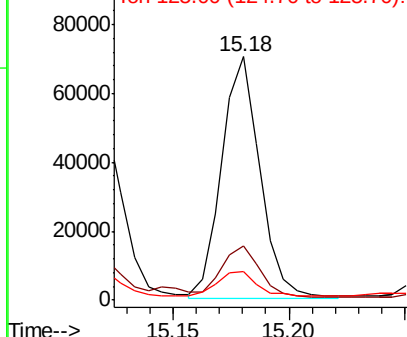
Tgt Ion:	252	Resp:	81000
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.9	26.9
125	11.7	8.8	13.2

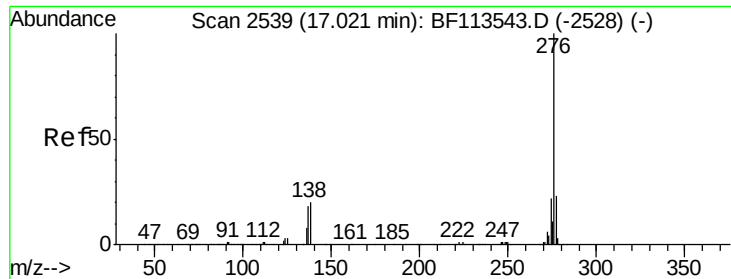
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 3.648 ng
 RT: 17.02 min Scan# 2538
 Delta R.T. -0.01 min
 Lab File: BF113713.D
 Acq: 10 Apr 2019 23:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-S

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.8	28.2
138	18.6	15.6	23.4

Manual Integrations
 APPROVED

Sohil
 4/11/2019 2:40:06 PM

