

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
 Data File : BF113664.D
 Acq On : 9 Apr 2019 16:34
 Operator : JU/SJ
 Sample : K2316-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190178-AMND-COMP-CS-5

Manual Integrations
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Quant Time: Apr 10 06:09:00 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	118004	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	448544	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	220671	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	459492	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	379093	20.00	ng	-0.02
87) Perylene-d12	15.23	264	332411	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	645564	93.29	ng	0.00
7) Phenol-d6	6.33	99	1092164	128.05	ng	0.00
23) Nitrobenzene-d5	7.25	82	660084	86.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	243180	91.74	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	1056448	77.07	ng	-0.02
79) Terphenyl-d14	12.77	244	1203319	64.63	ng	-0.02
Target Compounds						
10) Phenol	6.35	94	21122	2.168	ng	92
50) Dimethylphthalate	9.43	163	192602	11.840	ng	99
75) Fluoranthene	12.40	202	79600	3.253	ng	98
78) Pyrene	12.63	202	64073	2.221	ng	98
84) Bis(2-ethylhexyl)phthalate	13.80	149	44983	3.169	ng	98
88) Benzo(b)fluoranthene	14.84	252	43807m	2.153	ng	

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

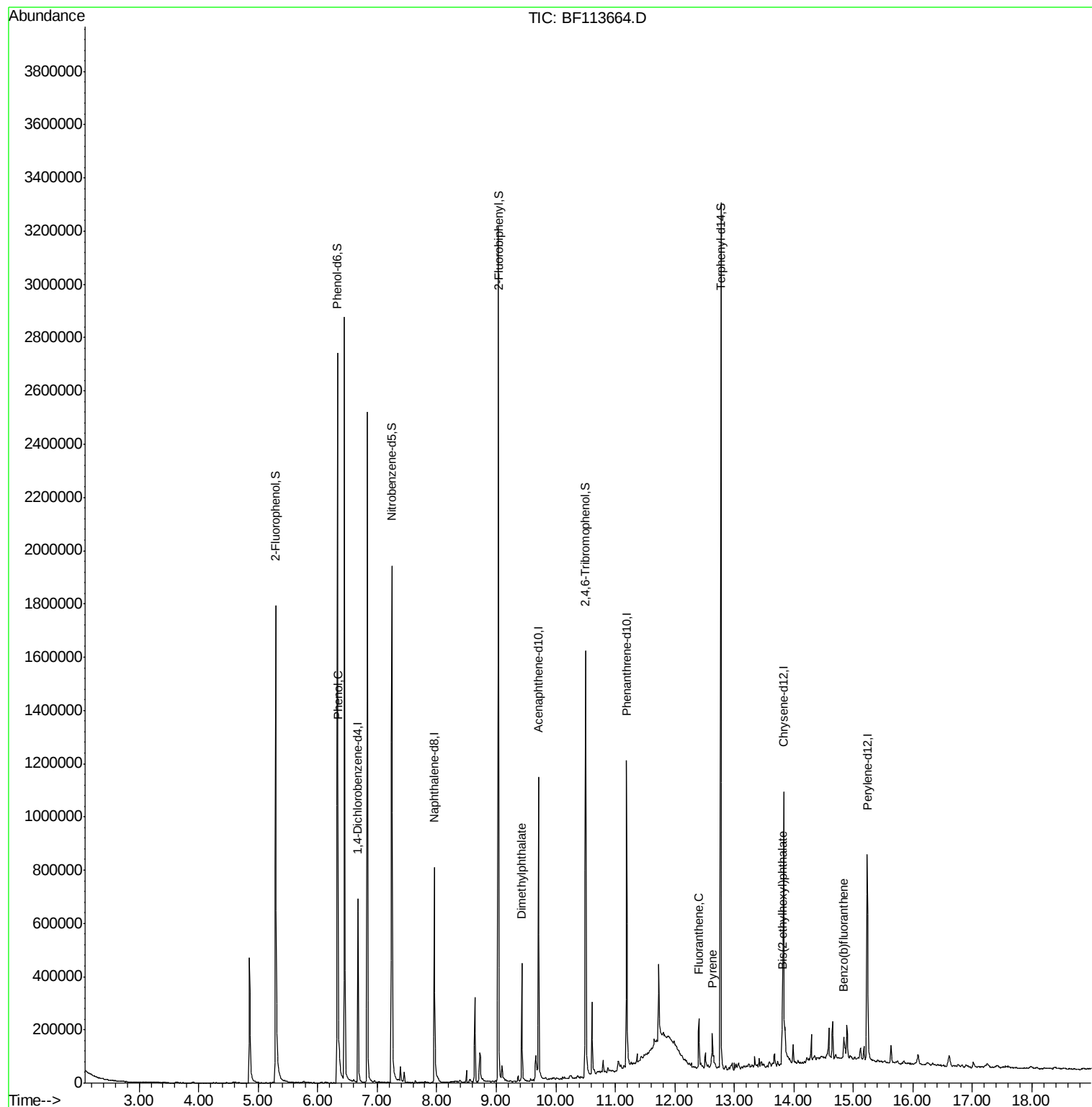
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
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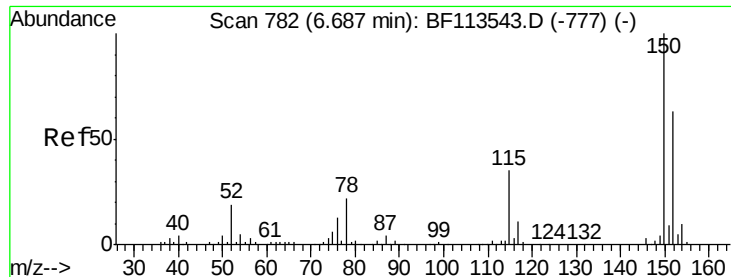
Instrument :
BNA_F
ClientSampleId :
20190178-AMND-COMP-CS-5

Manual Integrations
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#1

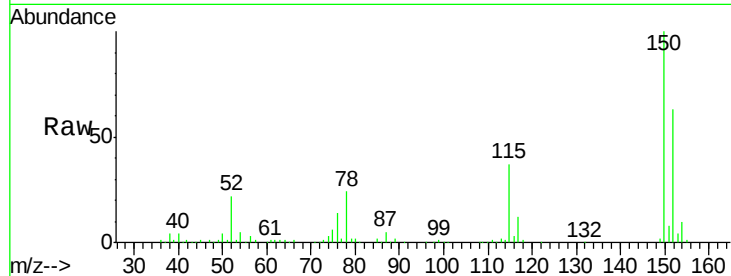
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113664.D
Acq: 9 Apr 2019 16:34

Instrument :
BNA_F
ClientSampleId :
20190178-AMND-COMP-CS-5

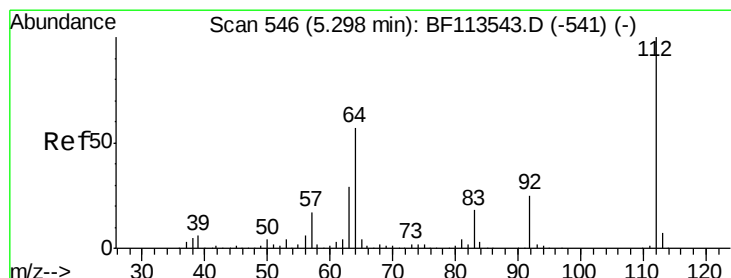
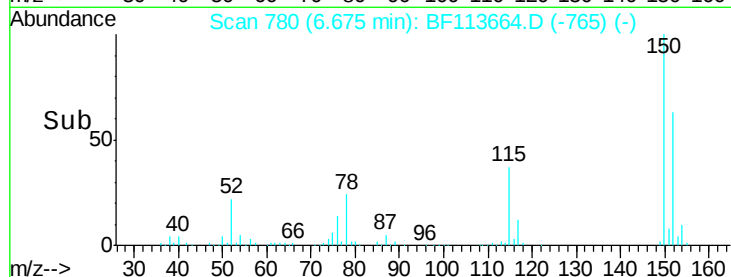
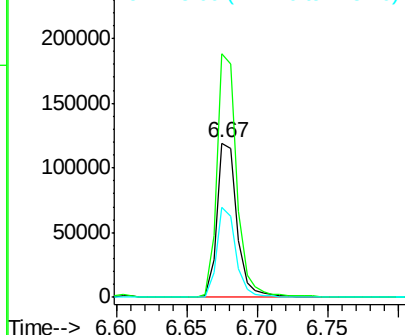
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.7	187.1
115	58.4	46.0	69.0

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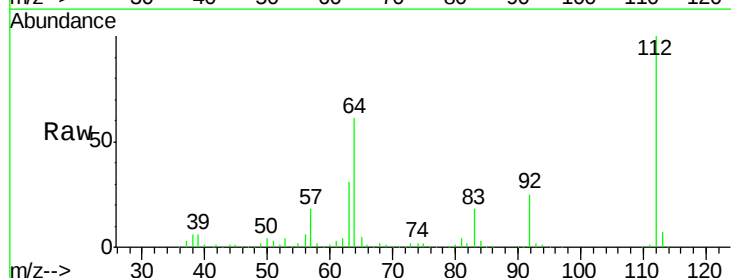
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



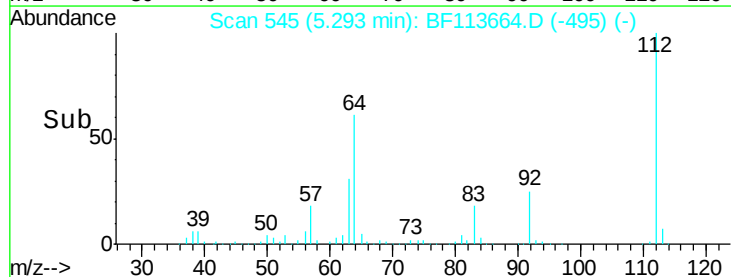
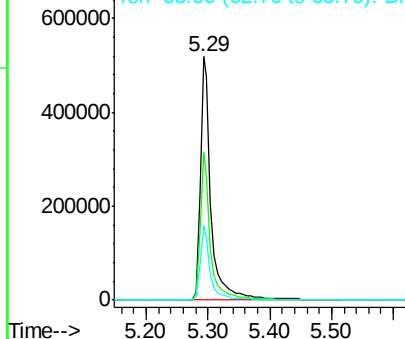
#5

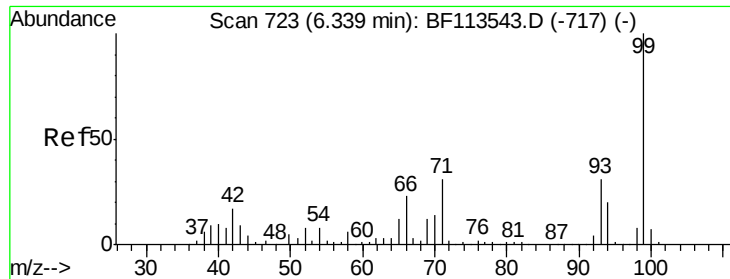
2-Fluorophenol
Concen: 93.288 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113664.D
Acq: 9 Apr 2019 16:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	49.2	73.8
63	30.7	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





#7

Phenol-d6

Concen: 128.052 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113664.D

Acq: 9 Apr 2019 16:34

Instrument :

BNA_F

ClientSampleId :

20190178-AMND-COMP-CS-5

Tgt Ion: 99 Resp: 1092164

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

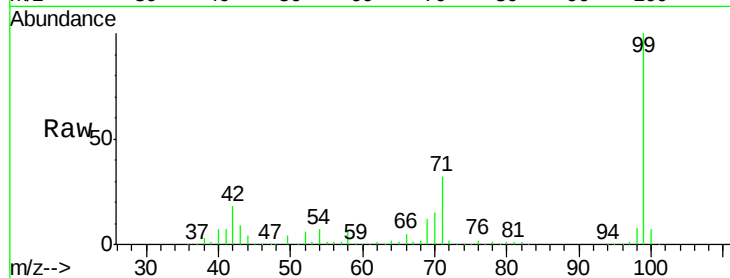
71 32.1 24.9 37.3

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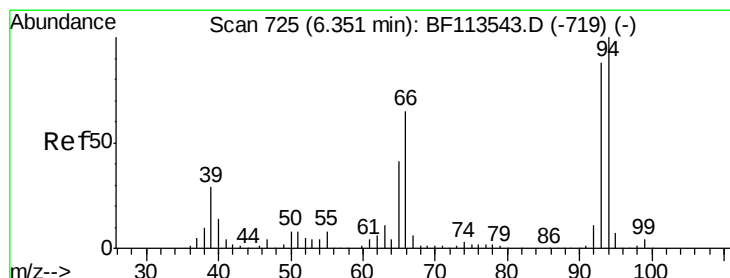
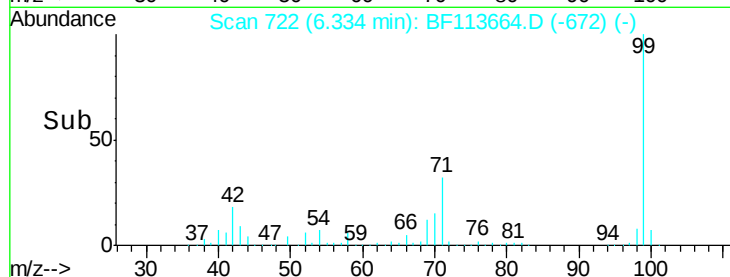
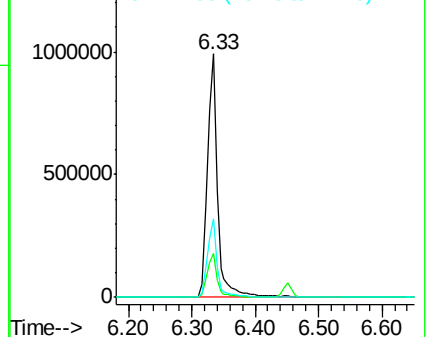
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.168 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113664.D

Acq: 9 Apr 2019 16:34

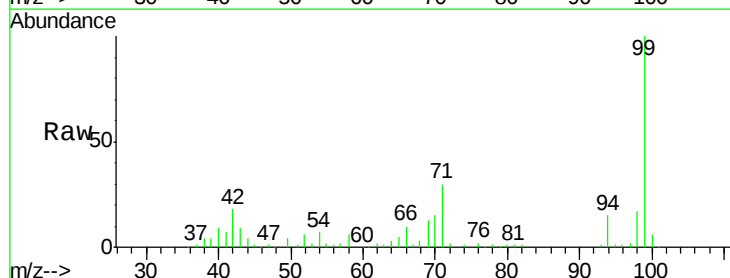
Tgt Ion: 94 Resp: 21122

Ion Ratio Lower Upper

94 100

65 32.8 21.4 61.4

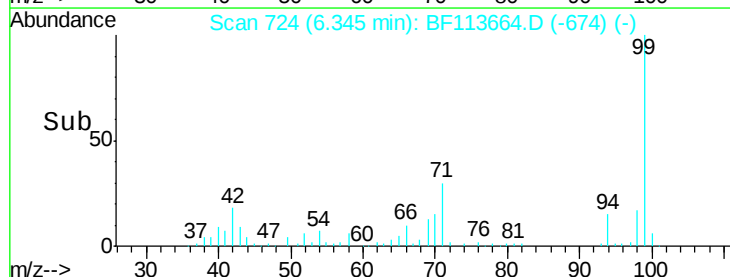
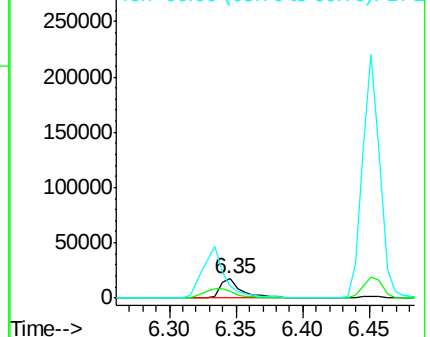
66 63.4 46.4 86.4

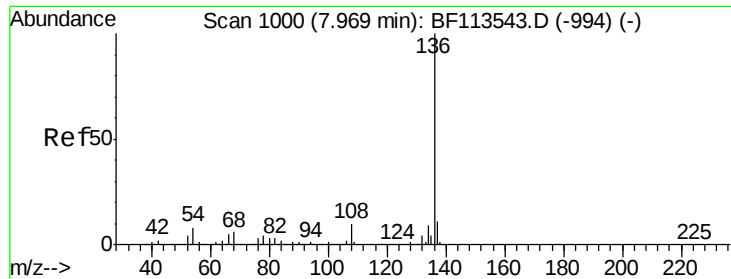


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





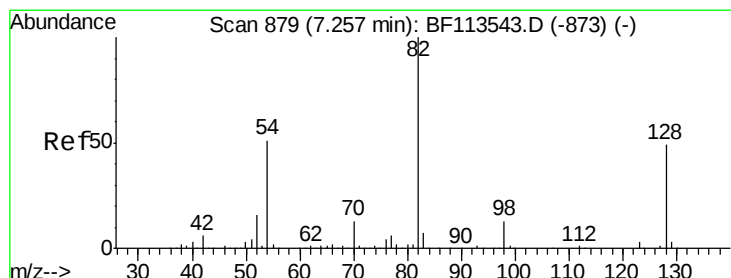
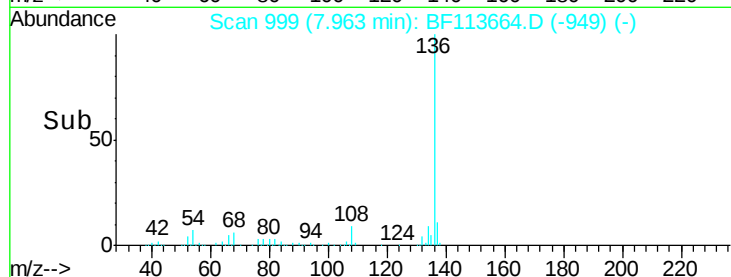
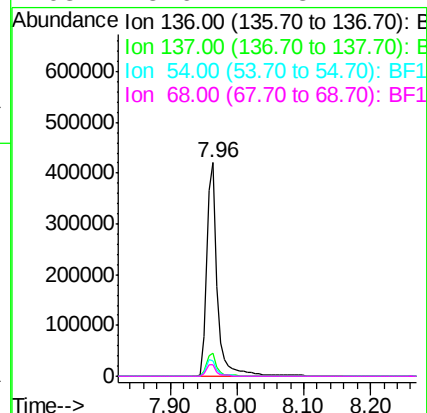
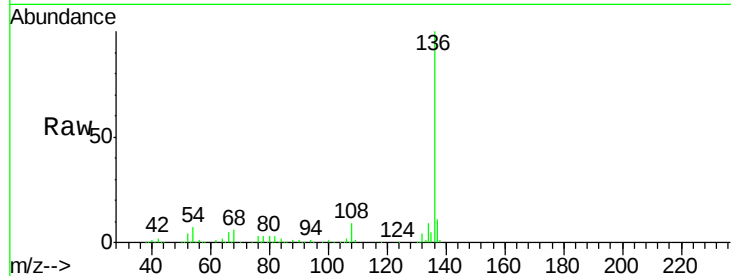
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF113664.D
Acq: 9 Apr 2019 16:34

Instrument :
BNA_F
ClientSampleId :
20190178-AMND-COMP-CS-5

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.4	7.0	10.6
68	5.6	4.8	7.2

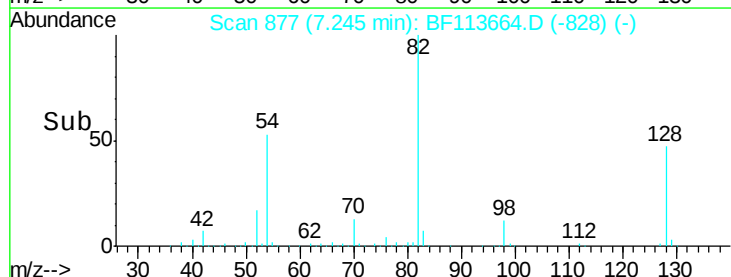
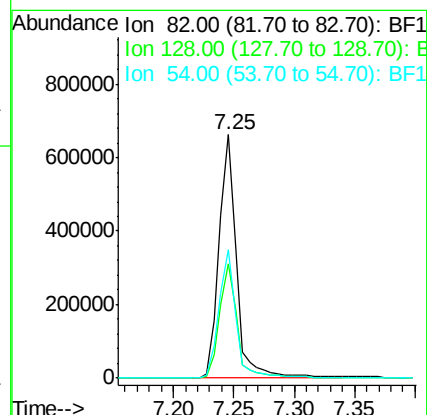
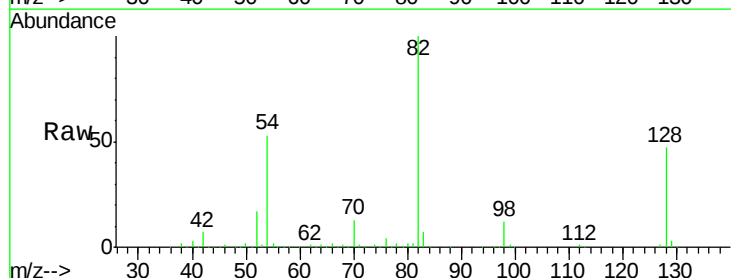
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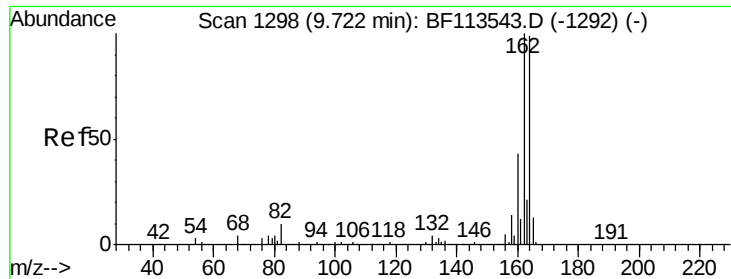
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#23
Nitrobenzene-d5
Concen: 86.200 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113664.D
Acq: 9 Apr 2019 16:34

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.5	54.7
54	52.6	42.2	63.2





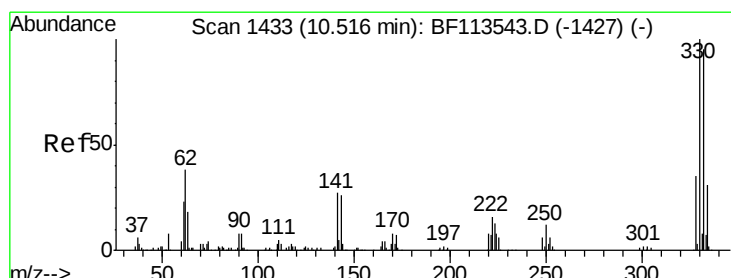
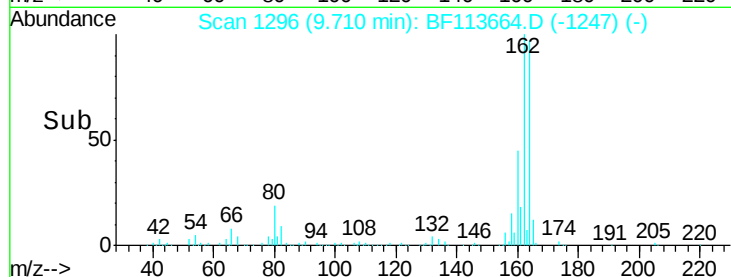
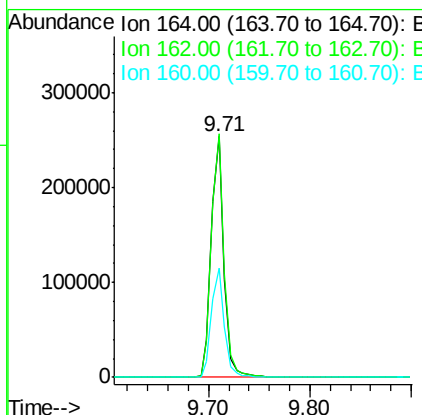
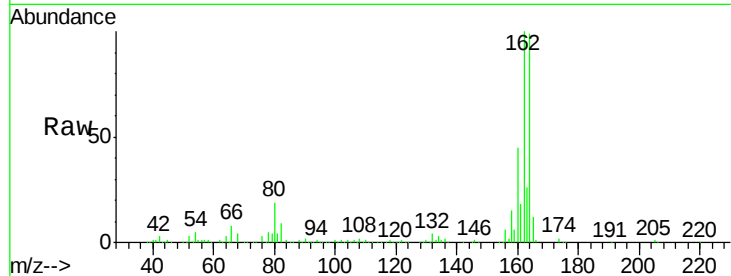
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113664.D
Acq: 9 Apr 2019 16:34

Instrument :
BNA_F
ClientSampleId :
20190178-AMND-COMP-CS-5

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	220671		
162	101.0	81.8	122.6	
160	45.1	36.4	54.6	

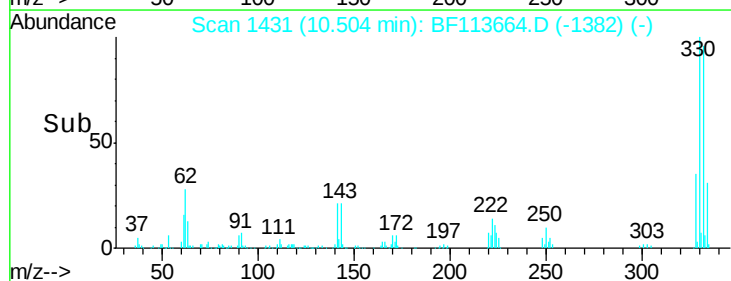
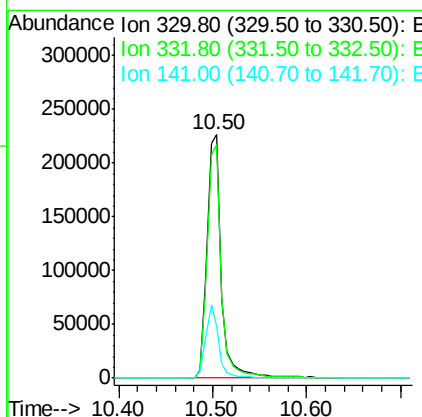
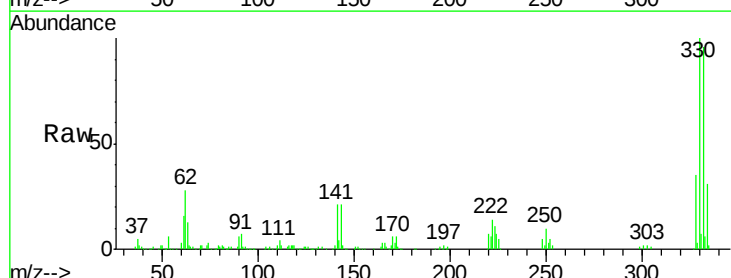
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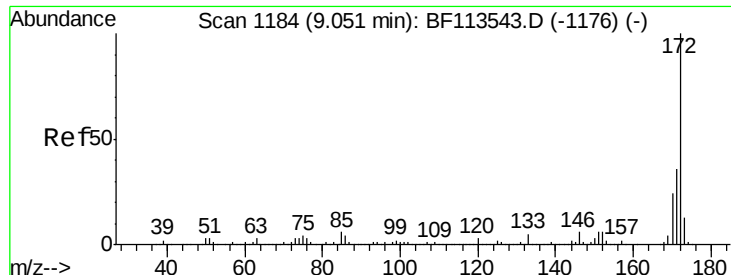
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#42
2,4,6-Tribromophenol
Concen: 91.738 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF113664.D
Acq: 9 Apr 2019 16:34

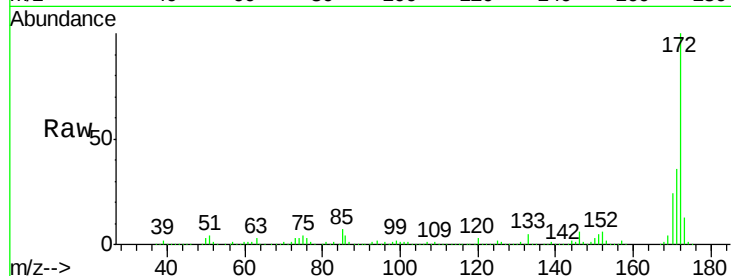
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	243180		
332	96.0	77.8	116.6	
141	27.5	22.7	34.1	





#45
2-Fluorobiphenyl
Concen: 77.072 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF113664.D
Acq: 9 Apr 2019 16:34

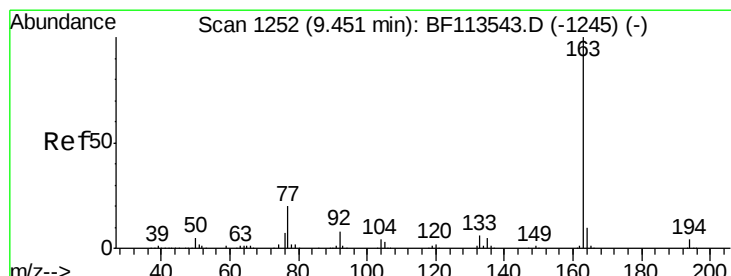
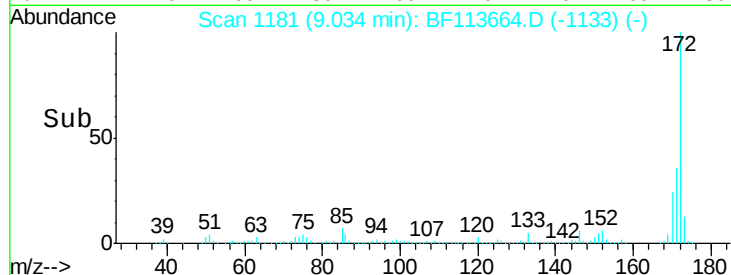
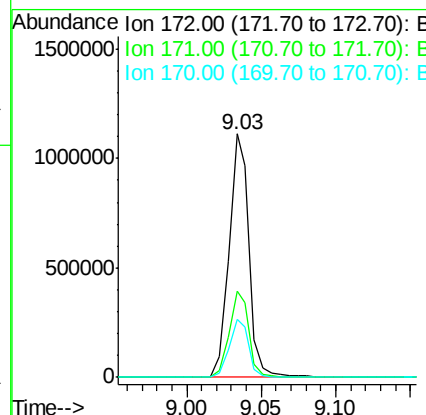
Instrument :
BNA_F
ClientSampleId :
20190178-AMND-COMP-CS-5



Tgt Ion:172 Resp: 1056448
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 23.8 19.5 29.3

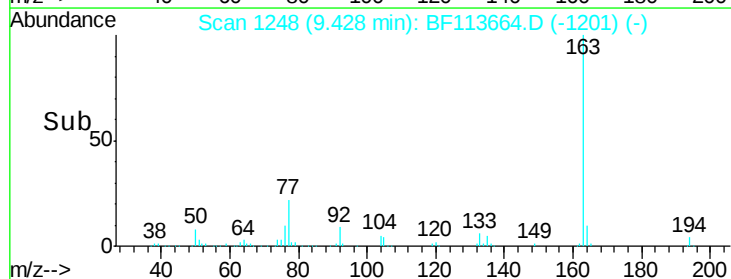
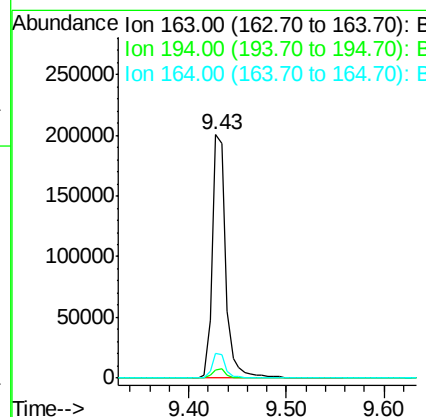
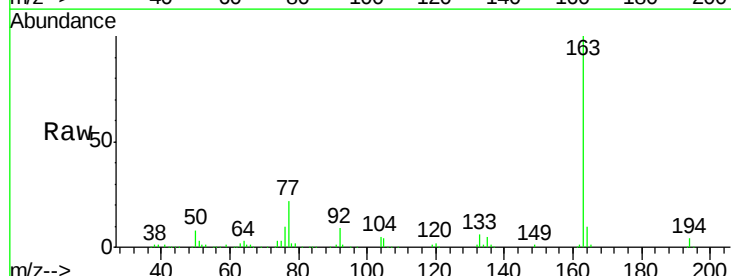
Manual Integrations
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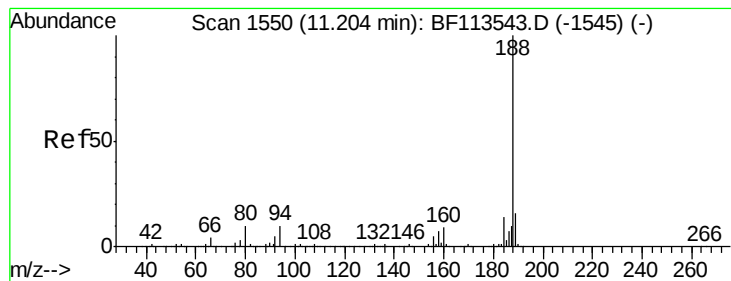
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#50
Dimethylphthalate
Concen: 11.840 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF113664.D
Acq: 9 Apr 2019 16:34

Tgt Ion:163 Resp: 192602
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.3 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF113664.D

Acq: 9 Apr 2019 16:34

Instrument :

BNA_F

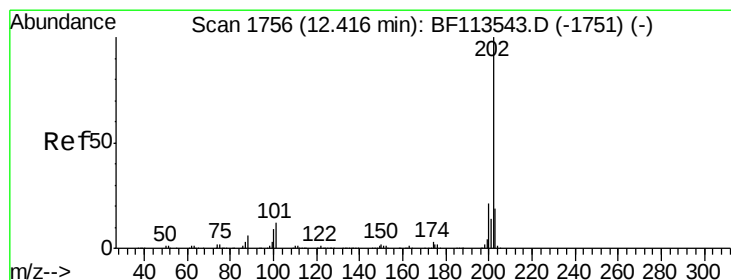
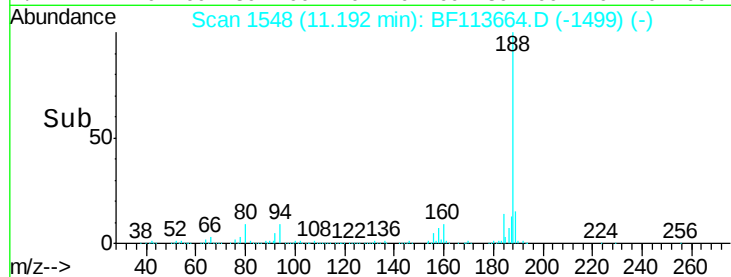
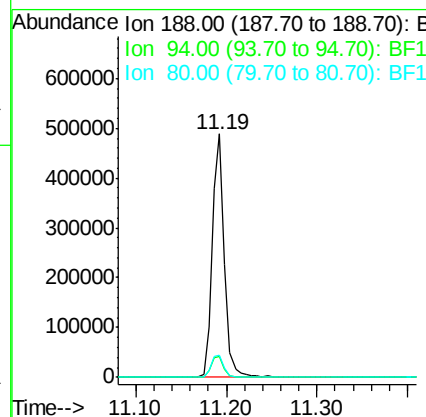
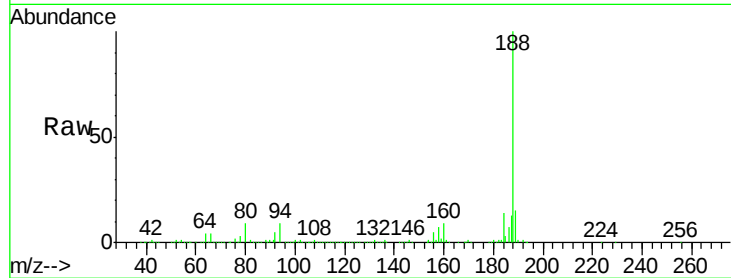
ClientSampleId :

20190178-AMND-COMP-CS-5

Tgt Ion:	188	Resp:	459492
Ion Ratio	Lower	Upper	
188	100		
94	8.7	7.0	10.6
80	9.3	7.7	11.5

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#75

Fluoranthene

Concen: 3.253 ng

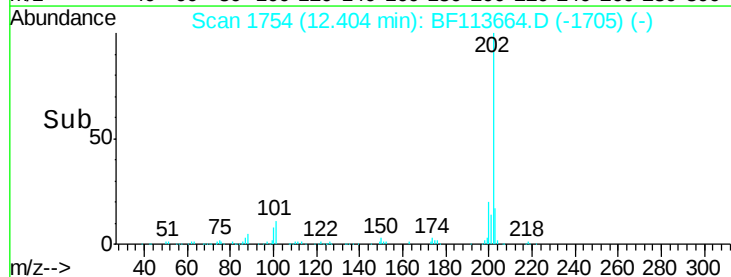
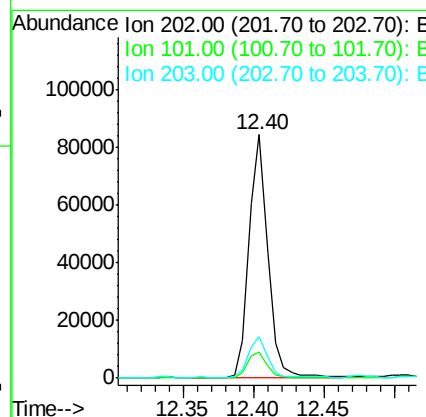
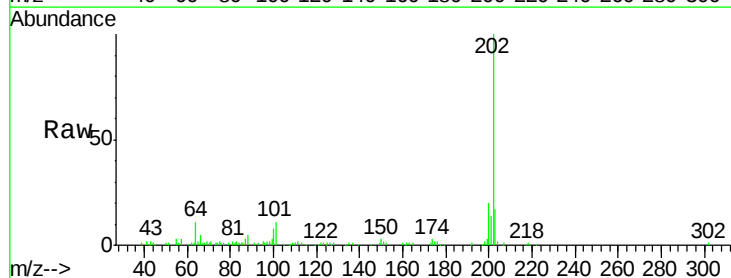
RT: 12.40 min Scan# 1754

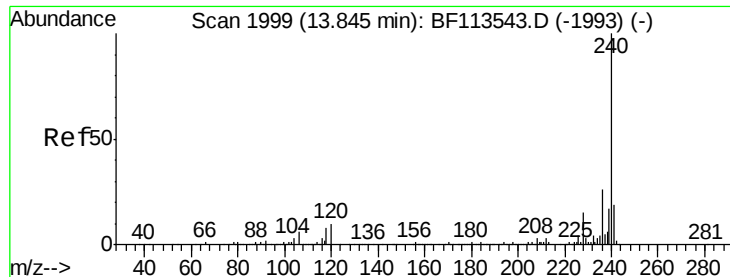
Delta R.T. -0.01 min

Lab File: BF113664.D

Acq: 9 Apr 2019 16:34

Tgt Ion:	202	Resp:	79600
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	31.4
203	17.1	0.0	38.0





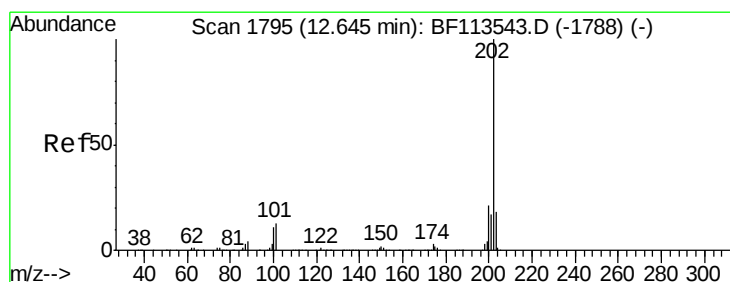
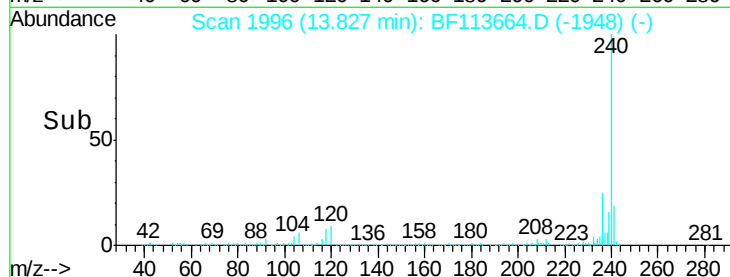
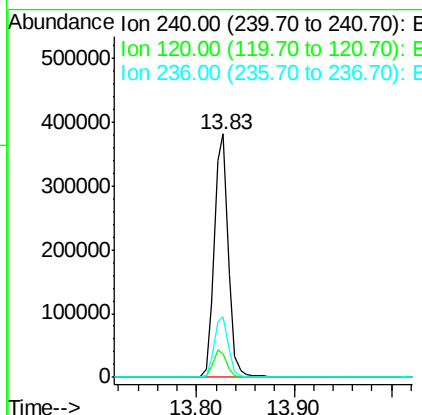
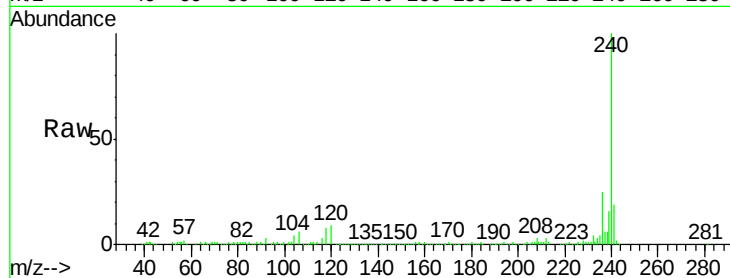
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113664.D
Acq: 9 Apr 2019 16:34

Instrument :
BNA_F
ClientSampleId :
20190178-AMND-COMP-CS-5

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	379093		
120	9.5	8.8	13.2	
236	25.1	20.9	31.3	

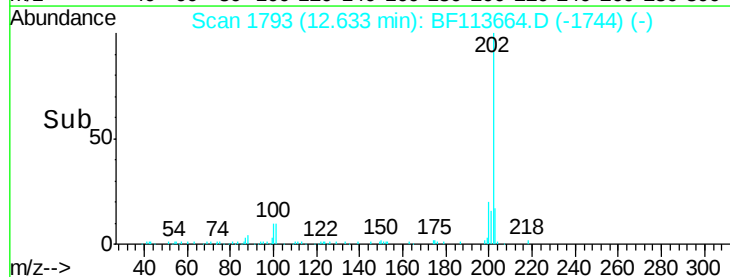
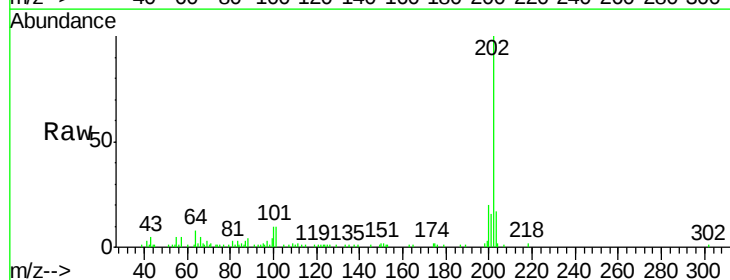
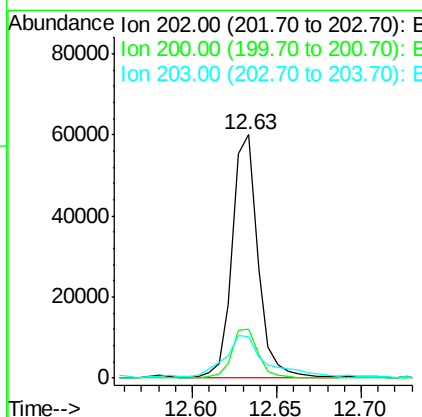
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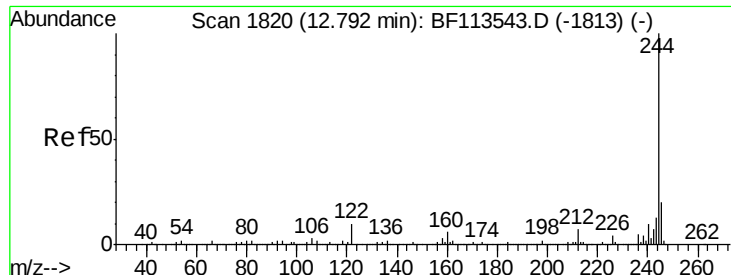
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#78
Pyrene
Concen: 2.221 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF113664.D
Acq: 9 Apr 2019 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	64073		
200	20.0	16.8	25.2	
203	17.0	14.4	21.6	





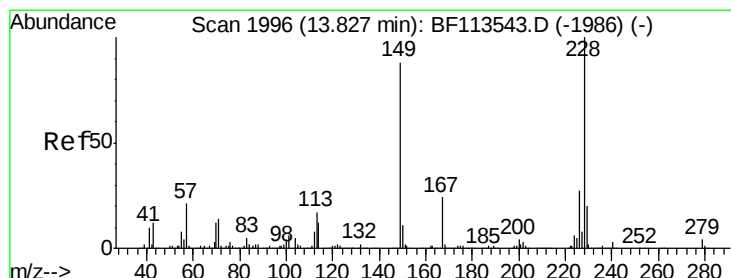
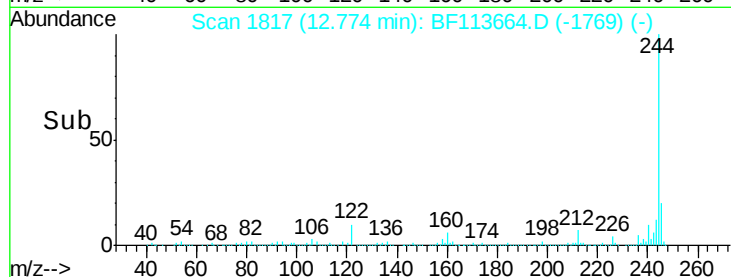
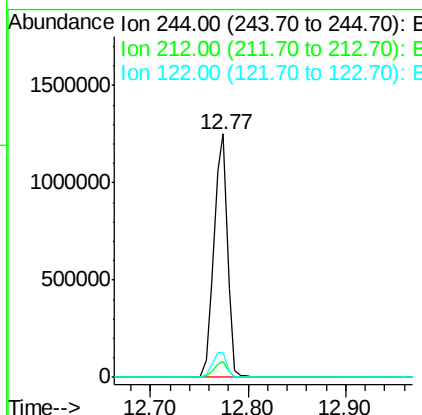
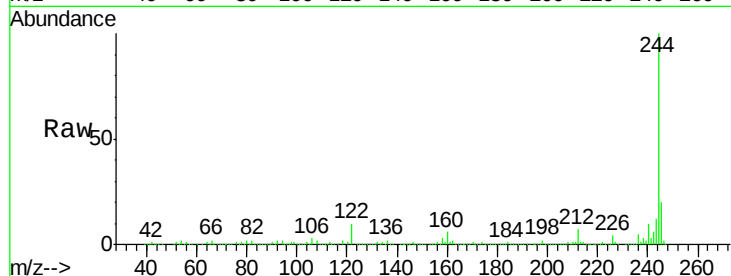
#79
 Terphenyl-d14
 Concen: 64.627 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113664.D
 Acq: 9 Apr 2019 16:34

Instrument :
 BNA_F
 ClientSampleId :
 20190178-AMND-COMP-CS-5

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.5	8.3
122	10.0	8.6	13.0

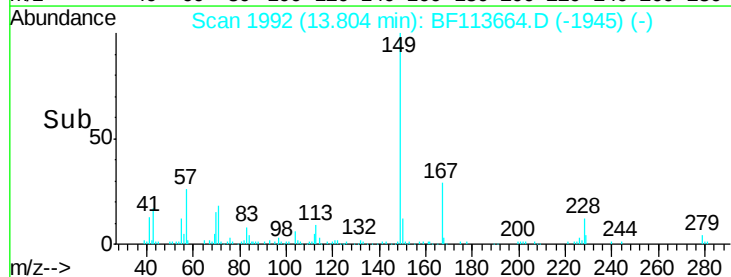
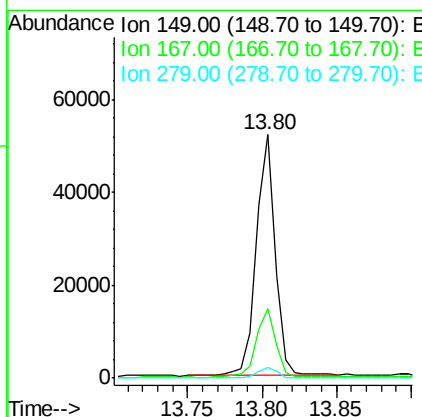
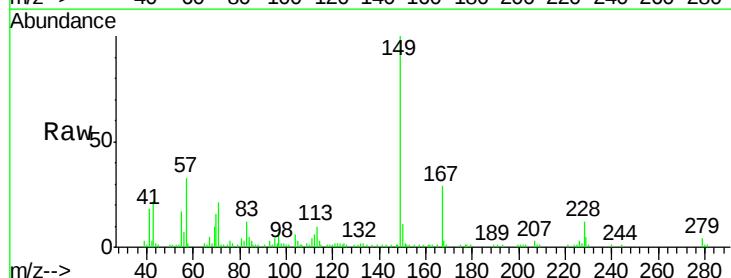
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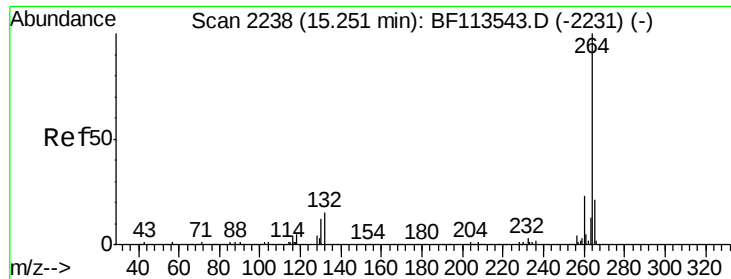
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.169 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BF113664.D
 Acq: 9 Apr 2019 16:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.8	32.8
279	4.2	2.9	4.3





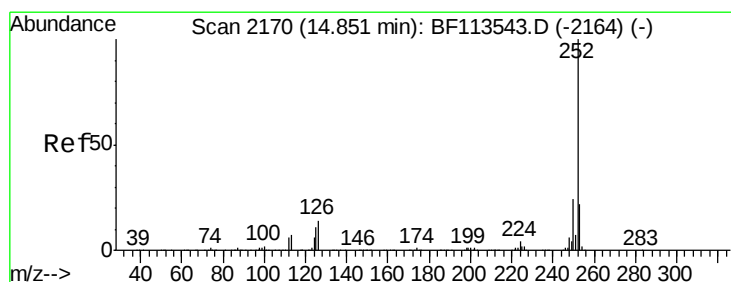
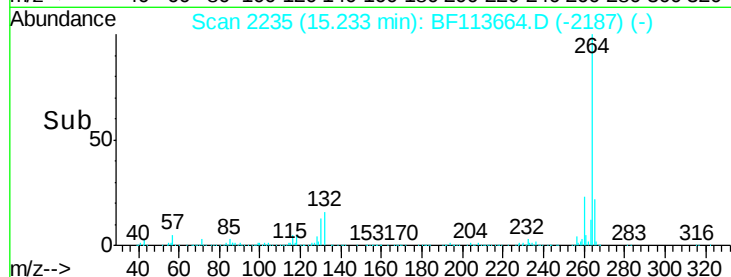
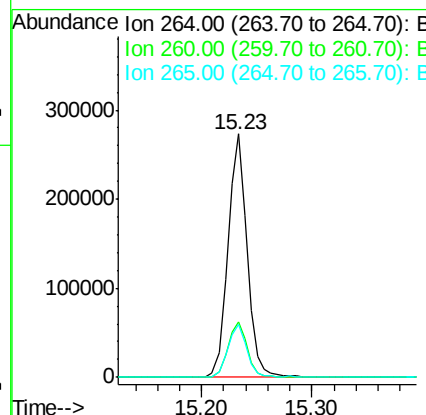
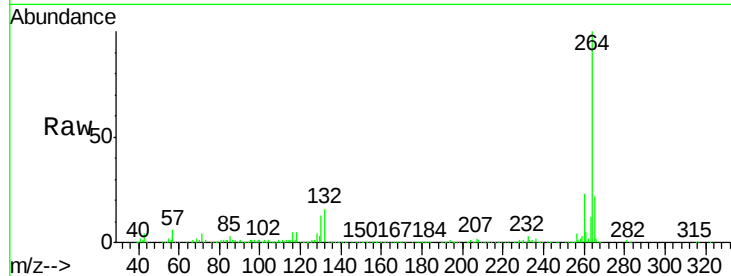
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113664.D
Acq: 9 Apr 2019 16:34

Instrument :
BNA_F
ClientSampleId :
20190178-AMND-COMP-CS-5

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	332411		
260	23.0	19.1	28.7	
265	21.6	17.1	25.7	

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#88
Benzo(b)fluoranthene
Concen: 2.153 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113664.D
Acq: 9 Apr 2019 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	43807		
253	22.7	18.0	27.0	
125	14.0	7.6	11.4	

