

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
 Data File : BF113554.D
 Acq On : 3 Apr 2019 20:16
 Operator : JU/SJ
 Sample : K2213-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S9A-S9B-S9C

Manual Integrations
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Sohil
 4/4/2019 10:57:49 AM

Quant Time: Apr 04 05:33:56 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	6.69	152	121711	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	422673	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	175853	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	326929	20.00	ng	0.00
76) Chrysene-d12	13.84	240	317124	20.00	ng	0.00
87) Perylene-d12	15.25	264	279469	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	784446	109.90	ng	0.00
7) Phenol-d6	6.33	99	986383	112.13	ng	0.00
23) Nitrobenzene-d5	7.25	82	582116	80.67	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	232867	110.24	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	969318	88.74	ng	0.00
79) Terphenyl-d14	12.79	244	943115	60.55	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.44	163	65520	5.054	ng	99
75) Fluoranthene	12.42	202	68973	3.962	ng	98
78) Pyrene	12.64	202	71168	2.949	ng	99
81) Benzo(a)anthracene	13.83	228	48863	2.671	ng	99
83) Chrysene	13.86	228	56627	3.054	ng	98
88) Benzo(b)fluoranthene	14.85	252	65346m	3.820	ng	

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

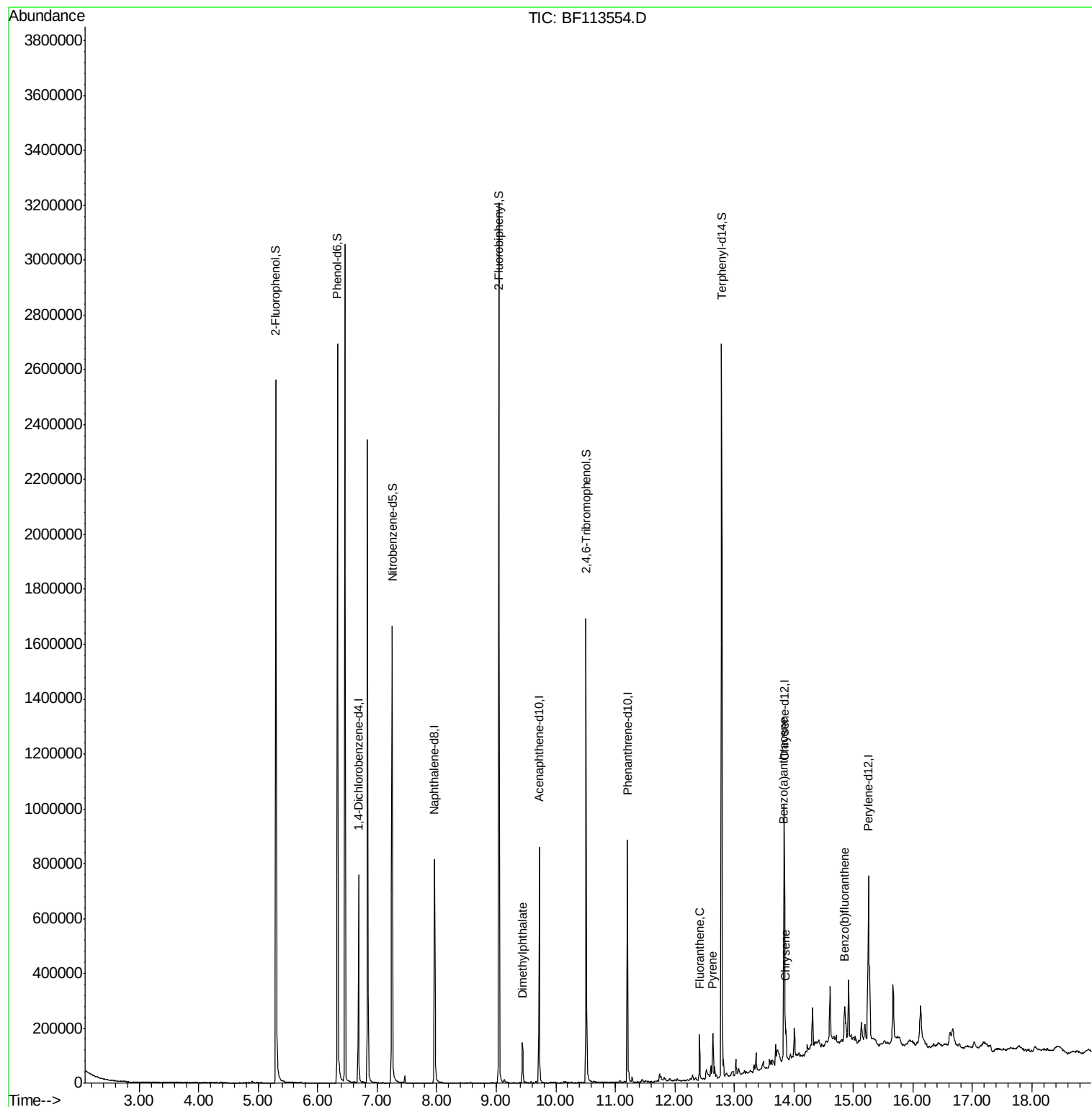
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
Data File : BF113554.D
Acq On : 3 Apr 2019 20:16
Operator : JU/SJ
Sample : K2213-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

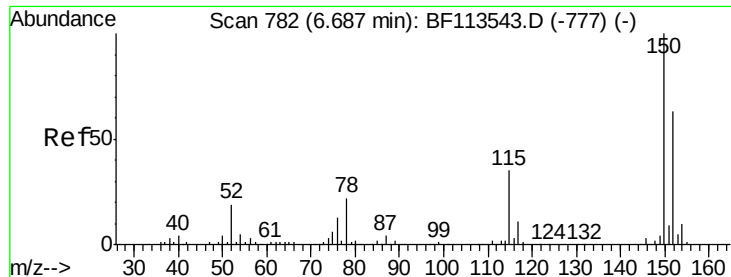
Instrument :
BNA_F
ClientSampleId :
S9A-S9B-S9C

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
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#1

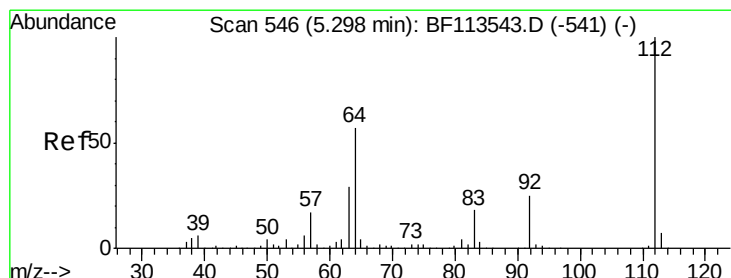
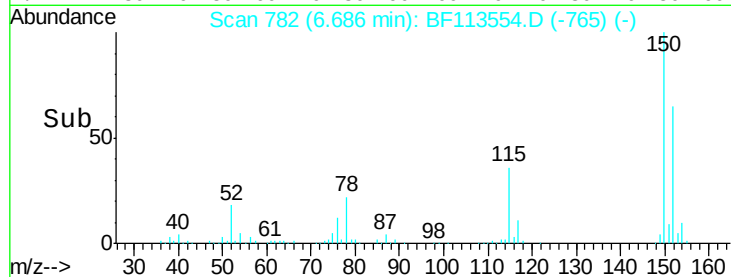
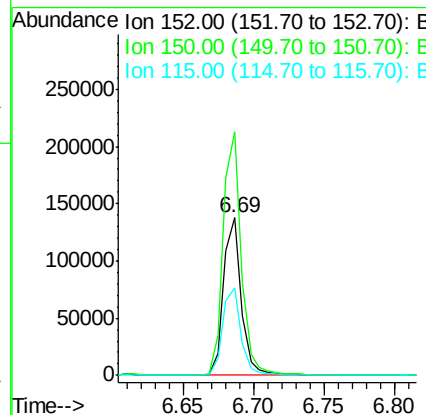
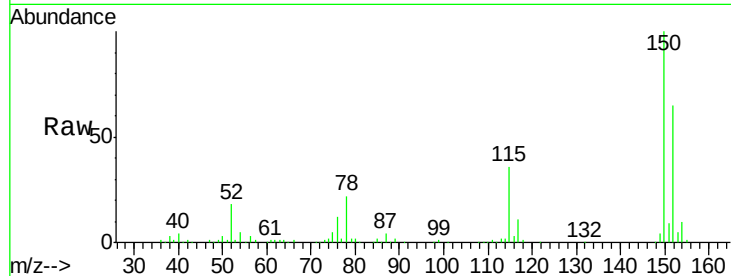
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Instrument :
BNA_F
ClientSampleId :
S9A-S9B-S9C

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.7	187.1
115	55.1	46.0	69.0

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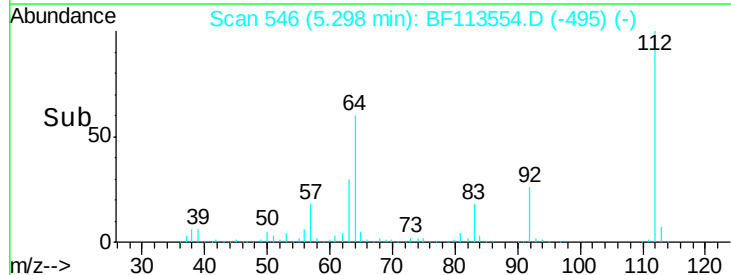
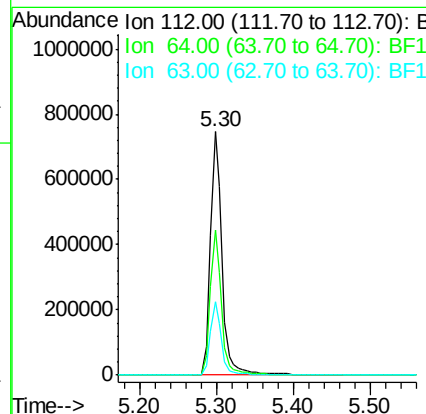
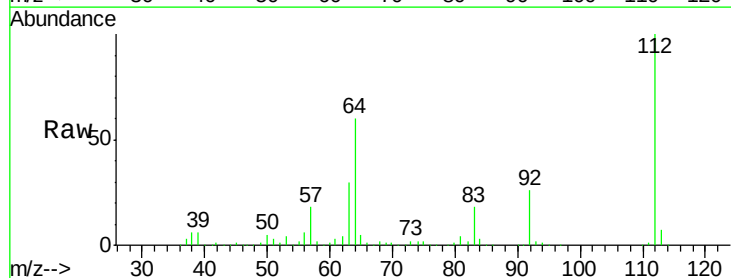
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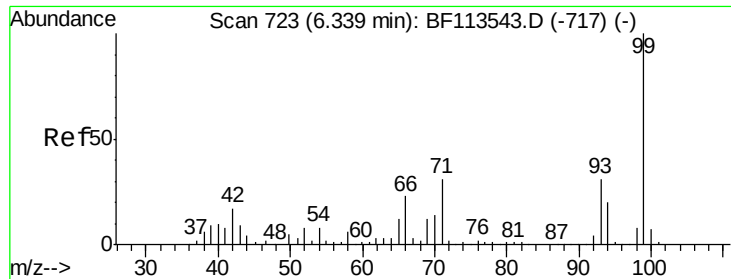


#5

2-Fluorophenol
Concen: 109.905 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	49.2	73.8
63	30.4	24.9	37.3





#7

Phenol-d6

Concen: 112.127 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113554.D

Acq: 3 Apr 2019 20:16

Instrument :

BNA_F

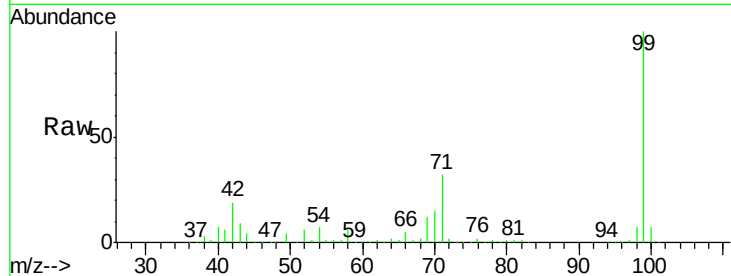
ClientSampleId :

S9A-S9B-S9C

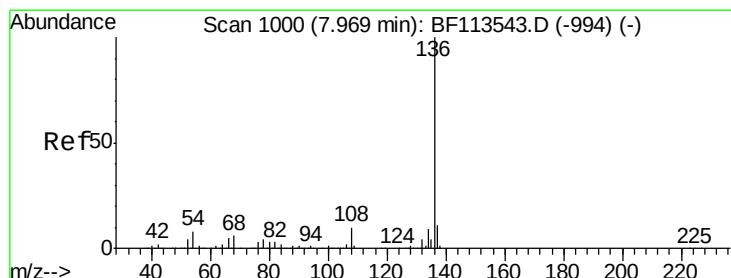
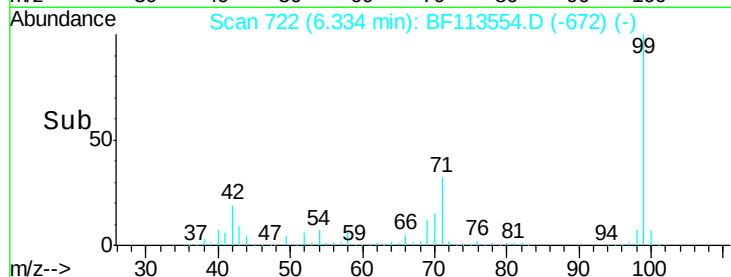
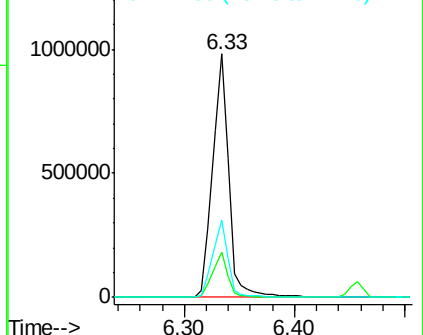
Tgt Ion:	99	Resp:	986383
Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.8	22.2
71	31.9	24.9	37.3

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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

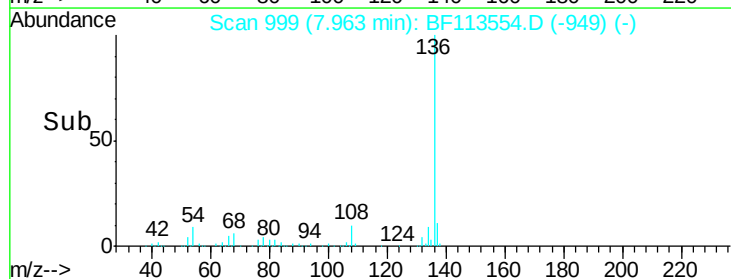
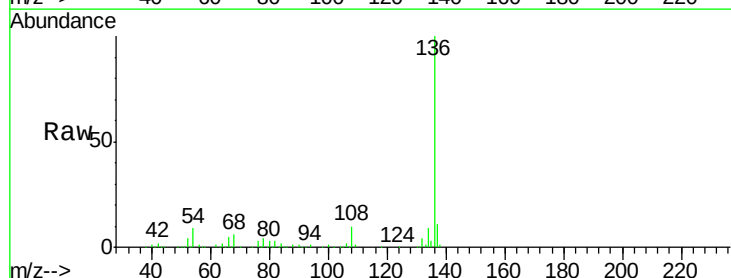
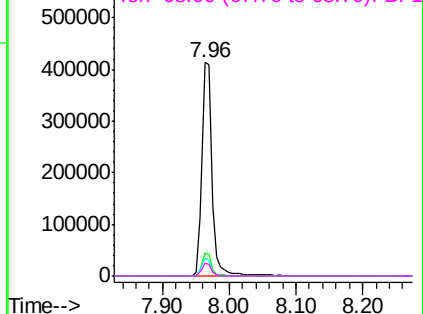
Delta R.T. -0.01 min

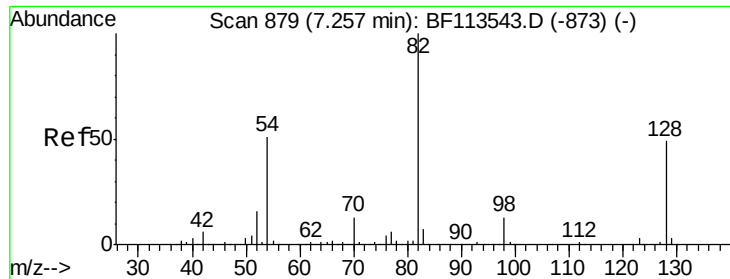
Lab File: BF113554.D

Acq: 3 Apr 2019 20:16

Tgt Ion:	136	Resp:	422673
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.6	7.0	10.6
68	6.0	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





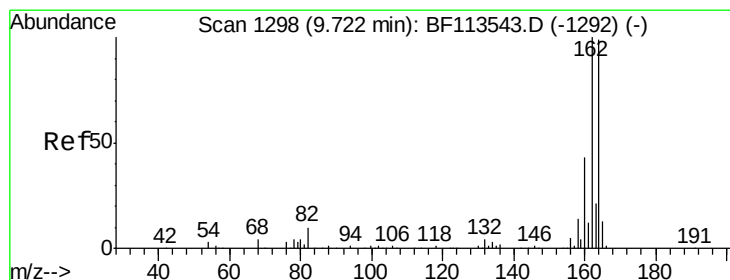
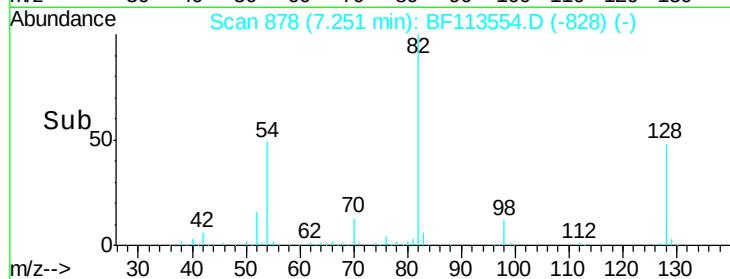
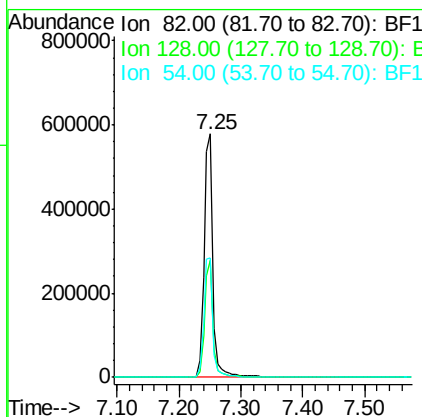
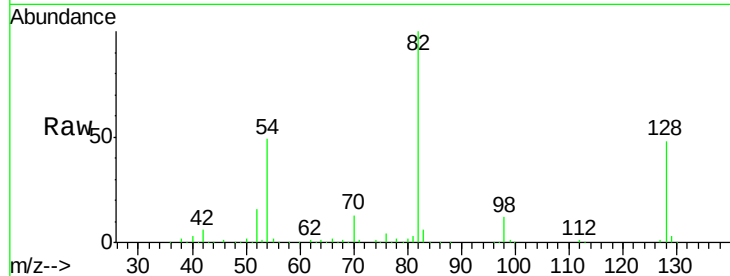
#23
 Nitrobenzene-d5
 Concen: 80.671 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF113554.D
 Acq: 3 Apr 2019 20:16

Instrument :
 BNA_F
 ClientSampleId :
 S9A-S9B-S9C

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	582116		
128	48.2	36.5	54.7	
54	49.3	42.2	63.2	

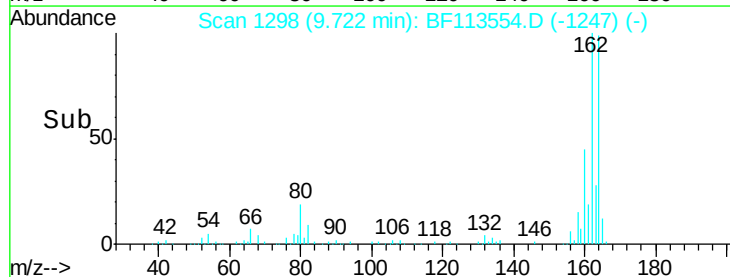
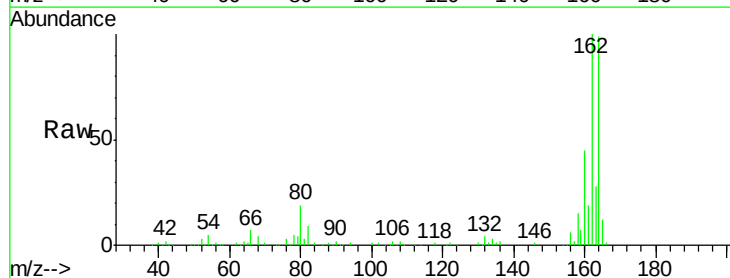
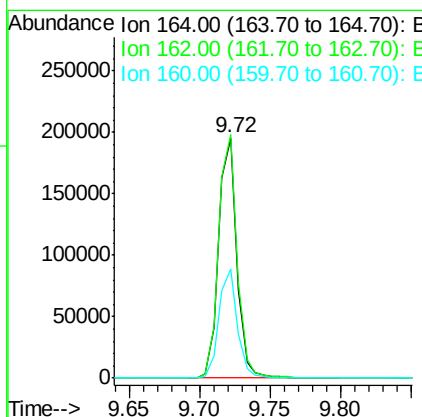
Manual Integrations
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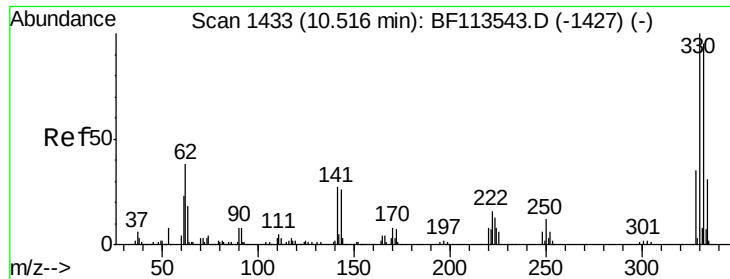
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF113554.D
 Acq: 3 Apr 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	175853		
162	101.5	81.8	122.6	
160	45.3	36.4	54.6	





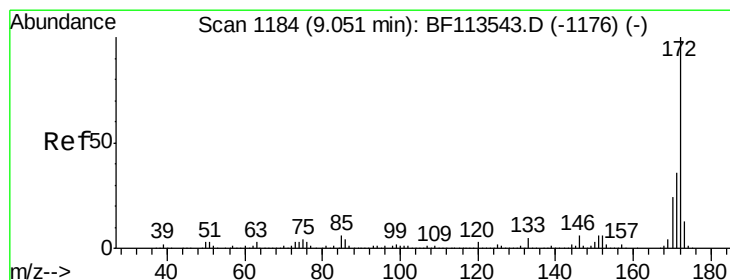
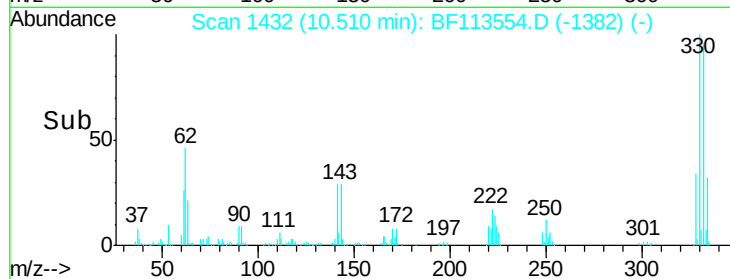
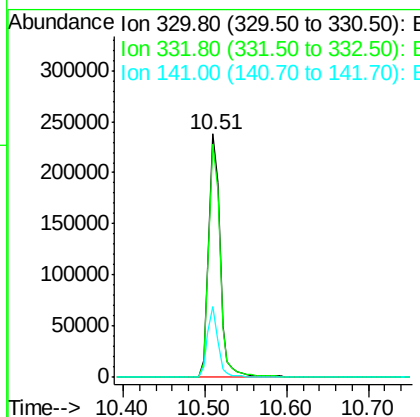
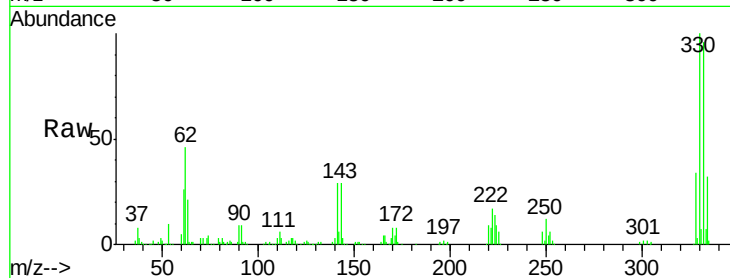
#42
 2,4,6-Tribromophenol
 Concen: 110.237 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF113554.D
 Acq: 3 Apr 2019 20:16

Instrument :
 BNA_F
 ClientSampleId :
 S9A-S9B-S9C

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	232867		
332	95.3	77.8	116.6	
141	27.4	22.7	34.1	

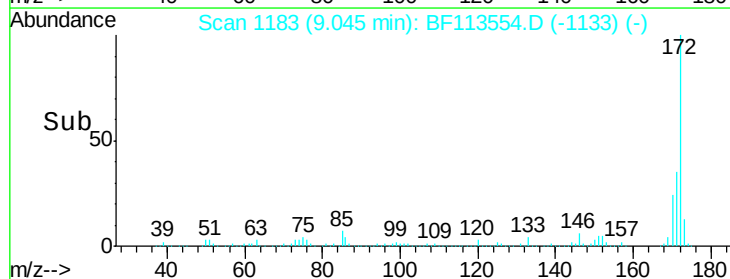
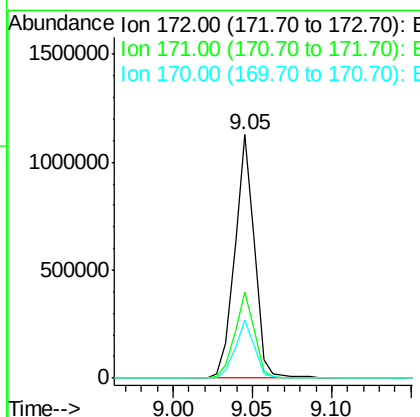
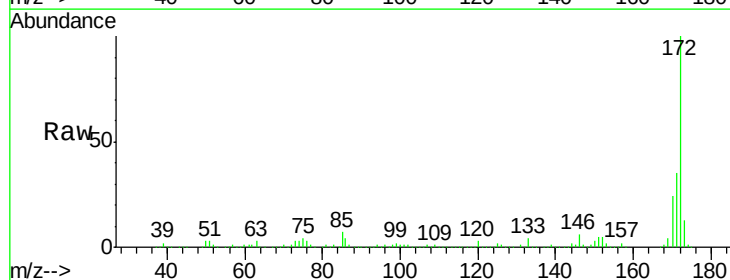
Manual Integrations
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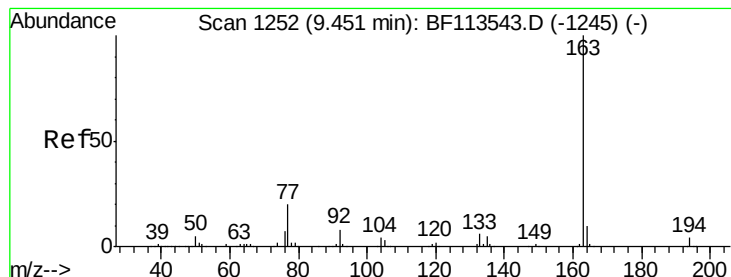
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#45
 2-Fluorobiphenyl
 Concen: 88.739 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113554.D
 Acq: 3 Apr 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	969318		
171	35.4	29.0	43.6	
170	24.0	19.5	29.3	





#50

Dimethylphthalate

Concen: 5.054 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF113554.D

Acq: 3 Apr 2019 20:16

Instrument :

BNA_F

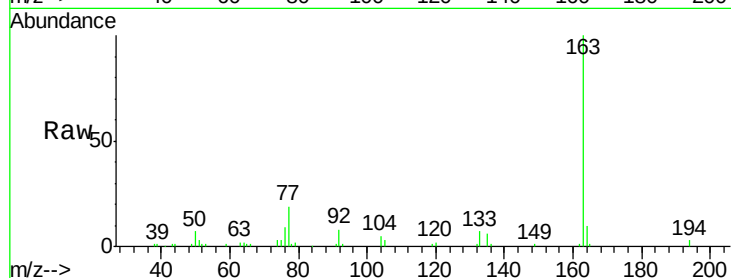
ClientSampleId :

S9A-S9B-S9C

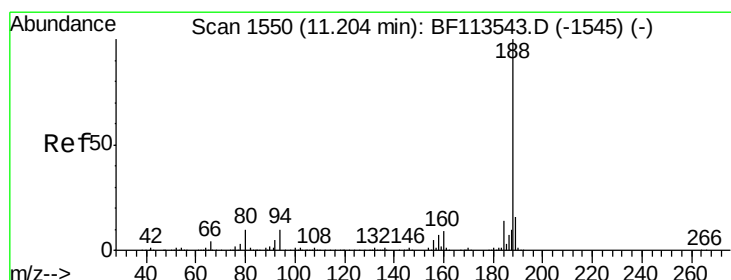
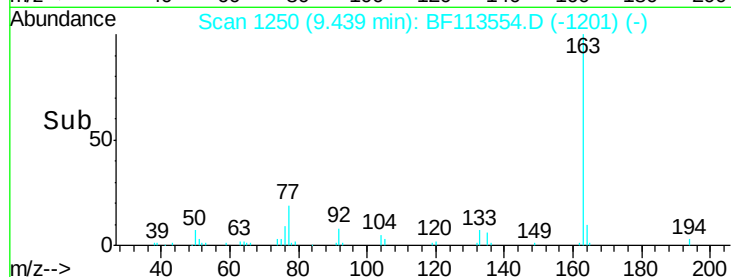
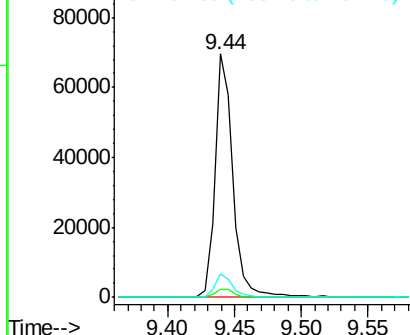
Tgt Ion:	163	Resp:	65520
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.0	4.6
164	9.8	8.1	12.1

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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

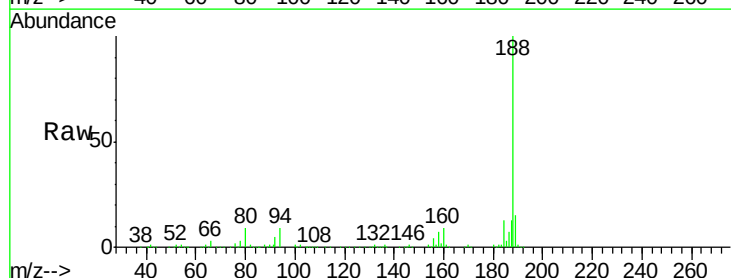
RT: 11.20 min Scan# 1550

Delta R.T. -0.00 min

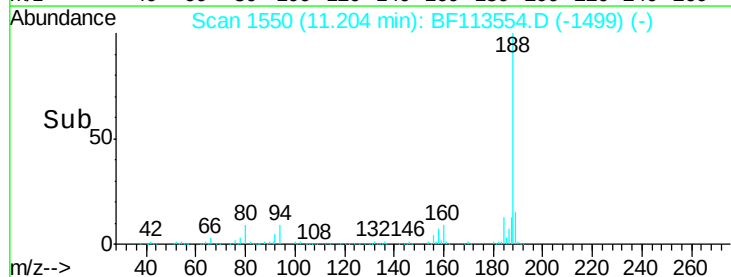
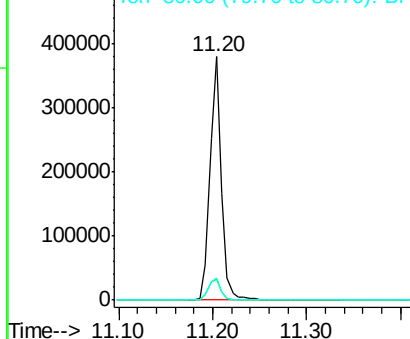
Lab File: BF113554.D

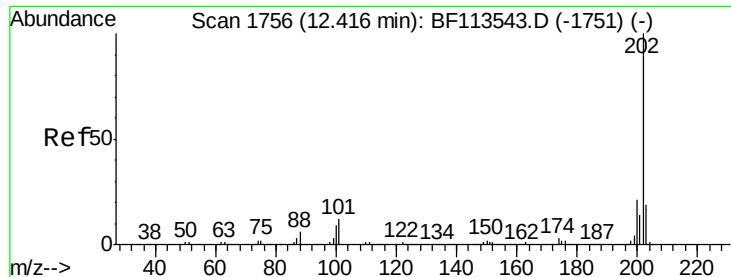
Acq: 3 Apr 2019 20:16

Tgt Ion:	188	Resp:	326929
Ion Ratio	Lower	Upper	
188	100		
94	8.6	7.0	10.6
80	9.1	7.7	11.5



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





#75

Fluoranthene

Concen: 3.962 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.00 min

Lab File: BF113554.D

Acq: 3 Apr 2019 20:16

Instrument :

BNA_F

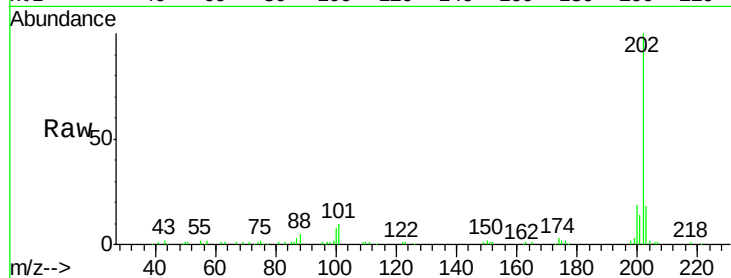
ClientSampled :

S9A-S9B-S9C

Tgt Ion:	202	Resp:	68973
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	31.4
203	17.7	0.0	38.0

Manual Integrations
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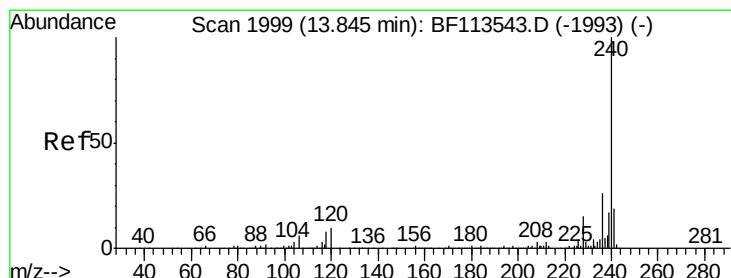
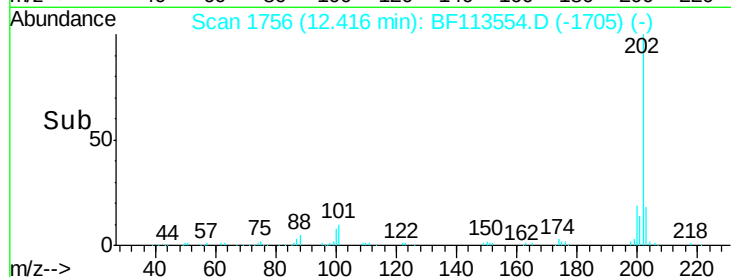
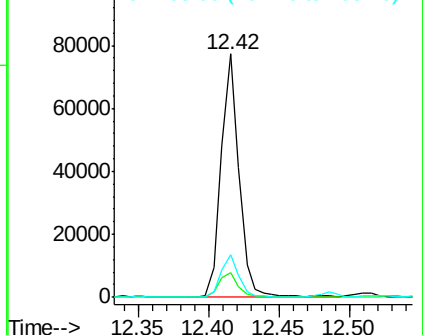
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

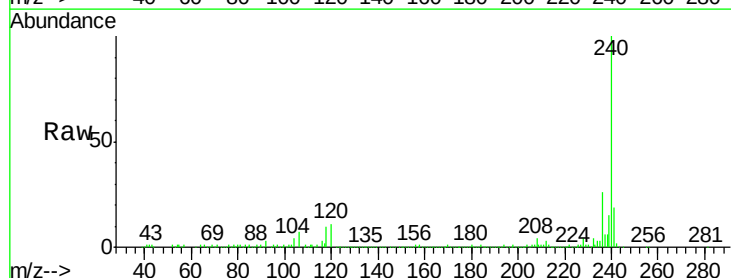
RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF113554.D

Acq: 3 Apr 2019 20:16

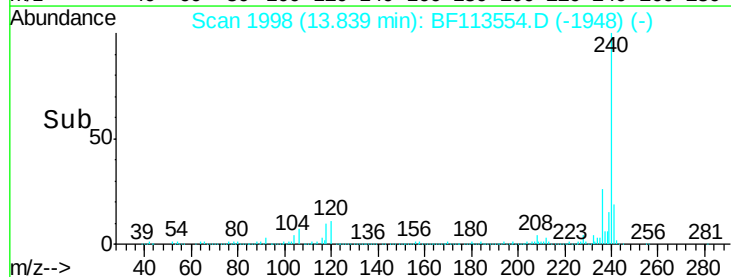
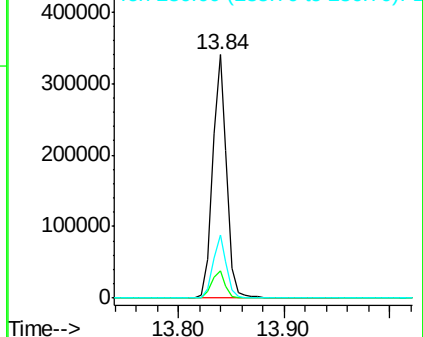
Tgt Ion:	240	Resp:	317124
Ion Ratio	Lower	Upper	
240	100		
120	11.1	8.8	13.2
236	26.1	20.9	31.3

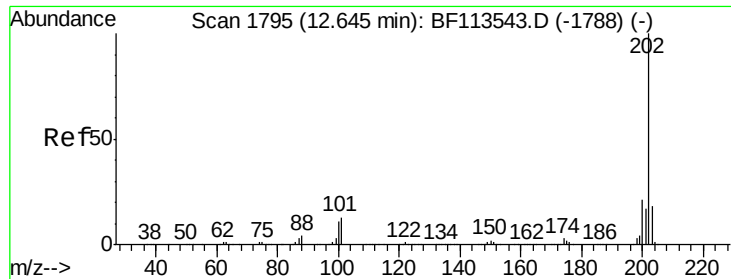


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





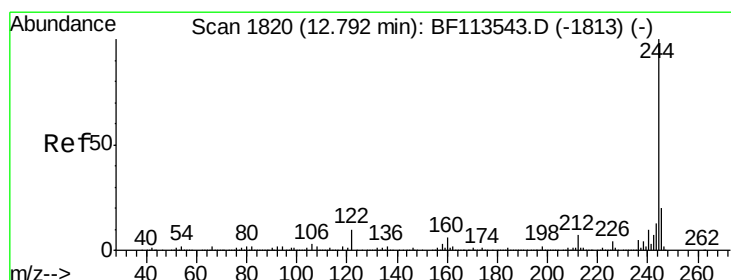
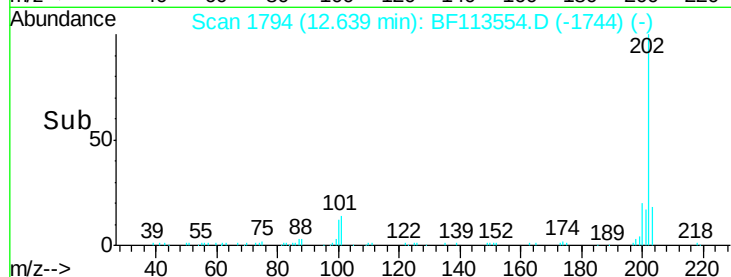
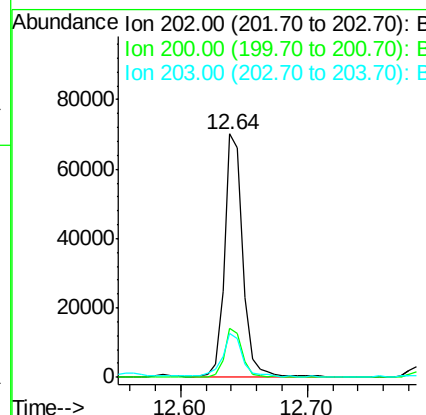
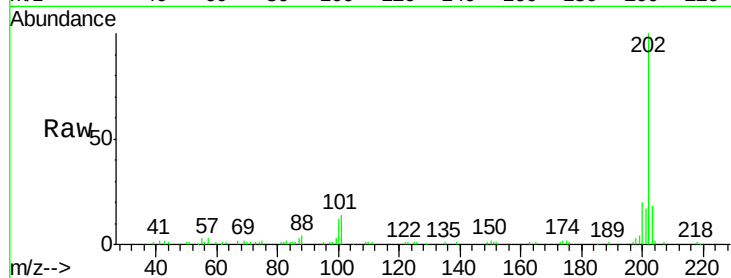
#78
 Pyrene
 Concen: 2.949 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BF113554.D
 Acq: 3 Apr 2019 20:16

Instrument :
 BNA_F
 ClientSampleId :
 S9A-S9B-S9C

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.8	25.2
203	18.0	14.4	21.6

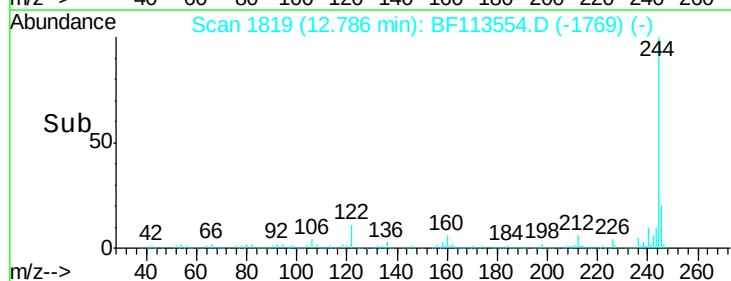
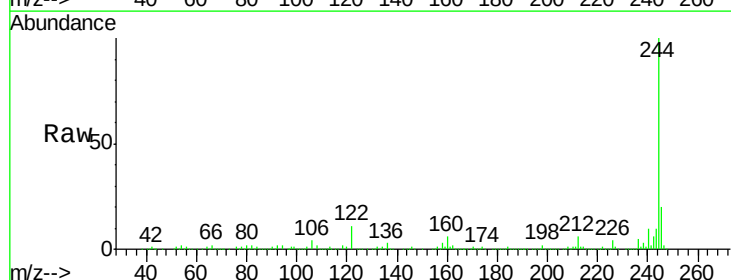
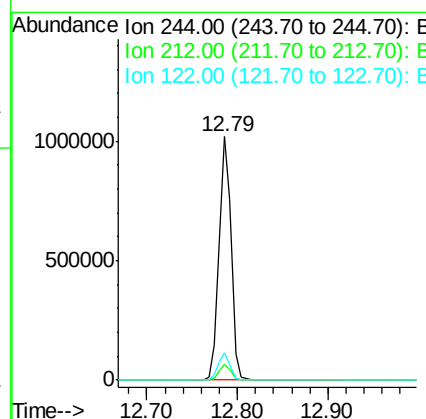
Manual Integrations
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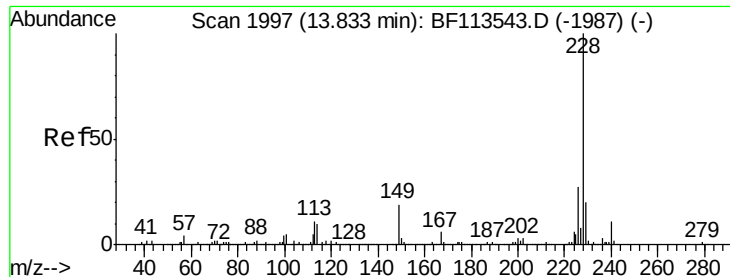
Sohil
 4/4/2019 10:57:49 AM



#79
 Terphenyl-d14
 Concen: 60.550 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF113554.D
 Acq: 3 Apr 2019 20:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.5	8.3
122	11.1	8.6	13.0





#81

Benzo(a)anthracene

Concen: 2.671 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113554.D

Acq: 3 Apr 2019 20:16

Instrument :

BNA_F

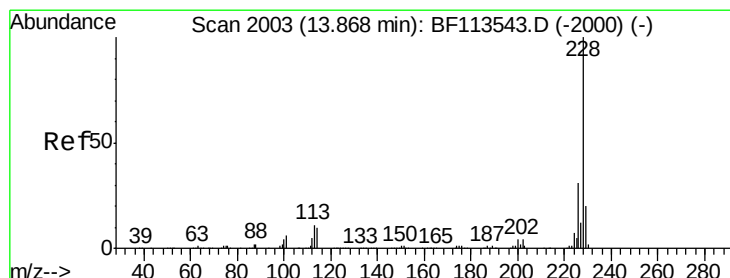
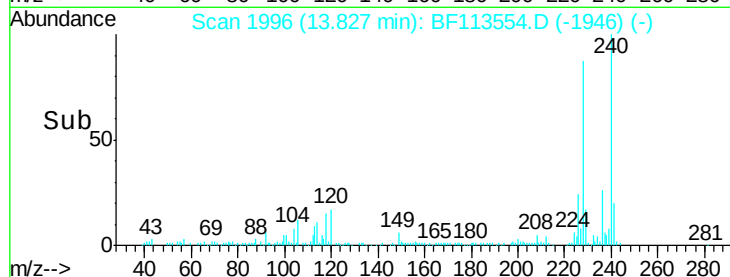
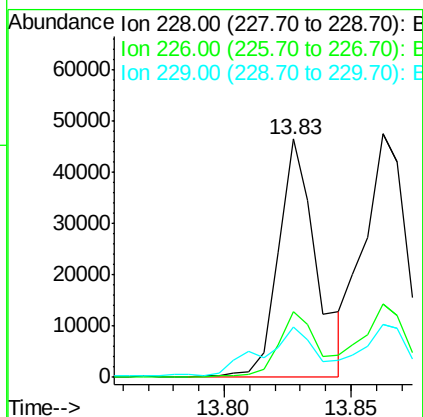
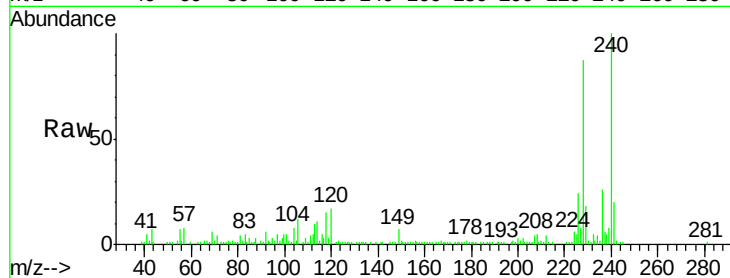
ClientSampleId :

S9A-S9B-S9C

Tgt Ion:	228	Resp:	48863
Ion Ratio	Lower	Upper	
228	100		
226	27.5	21.8	32.8
229	21.0	16.2	24.4

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#83

Chrysene

Concen: 3.054 ng

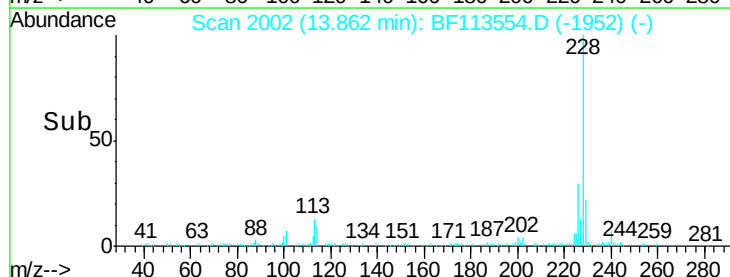
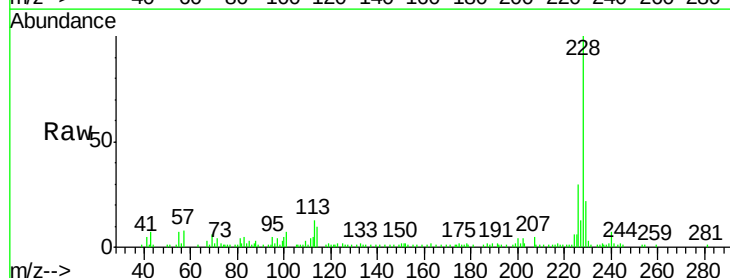
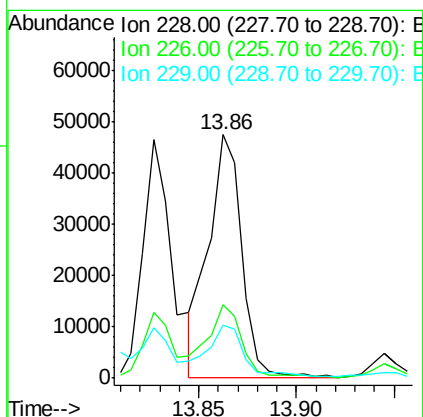
RT: 13.86 min Scan# 2002

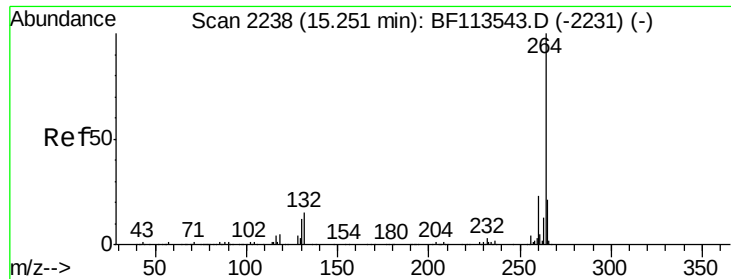
Delta R.T. -0.01 min

Lab File: BF113554.D

Acq: 3 Apr 2019 20:16

Tgt Ion:	228	Resp:	56627
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.3	36.5
229	21.8	16.3	24.5





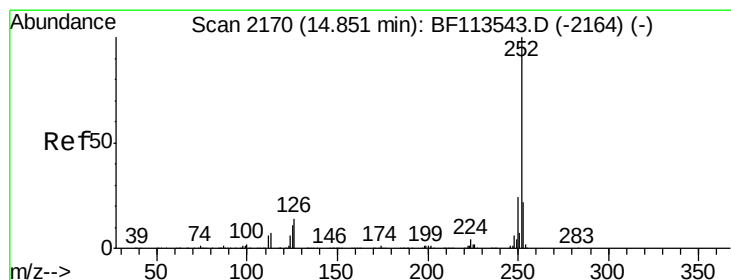
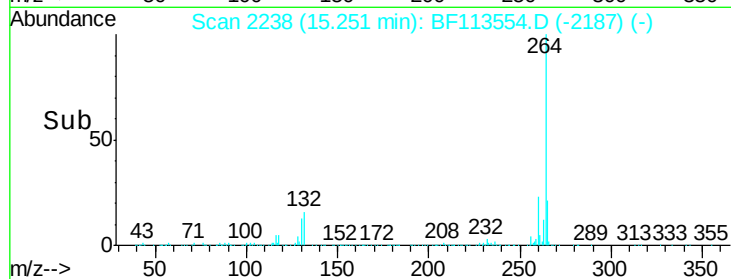
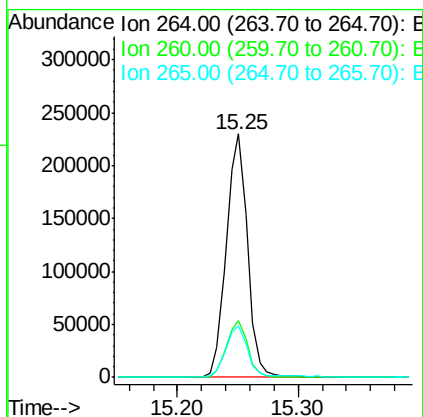
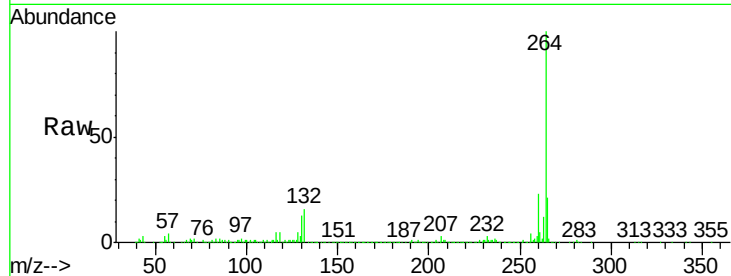
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Instrument :
BNA_F
ClientSampleId :
S9A-S9B-S9C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	21.2	17.1	25.7

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#88
Benzo(b)fluoranthene
Concen: 3.820 ng m
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF113554.D
Acq: 3 Apr 2019 20:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	14.5	7.6	11.4#

