

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111941.D
 Acq On : 9 Jan 2019 10:45
 Operator : JU/SJ
 Sample : K1066-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TN-1419

Manual Integrations
 APPROVED

Sohil
 1/10/2019 11:45:42 AM

Quant Time: Jan 09 11:20:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	200018	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	845417	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	459827	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	865039	20.00	ng	0.00
76) Chrysene-d12	14.05	240	578764	20.00	ng	0.00
87) Perylene-d12	15.54	264	467990	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1079611	92.34	ng	0.00
7) Phenol-d6	6.53	99	1392045	92.38	ng	0.00
23) Nitrobenzene-d5	7.45	82	915024	57.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	503679	84.21	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1771711	56.18	ng	0.00
79) Terphenyl-d14	13.00	244	1815336	59.54	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.54	94	61134	3.733	ng	# 72
50) Dimethylphthalate	9.63	163	185674	5.375	ng	99
71) Phenanthrene	11.43	178	149972	3.243	ng	98
75) Fluoranthene	12.62	202	262791	5.535	ng	98
78) Pyrene	12.85	202	210541	5.287	ng	97
81) Benzo(a)anthracene	14.04	228	99025	2.973	ng	100
83) Chrysene	14.07	228	92559	2.914	ng	94
86) Indeno(1,2,3-cd)pyrene	17.03	276	48622	2.100	ng	94
88) Benzo(b)fluoranthene	15.10	252	98935m	3.534	ng	
90) Benzo(a)pyrene	15.47	252	62911	2.556	ng	97
92) Benzo(g,h,i)perylene	17.47	276	43748	2.259	ng	96

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

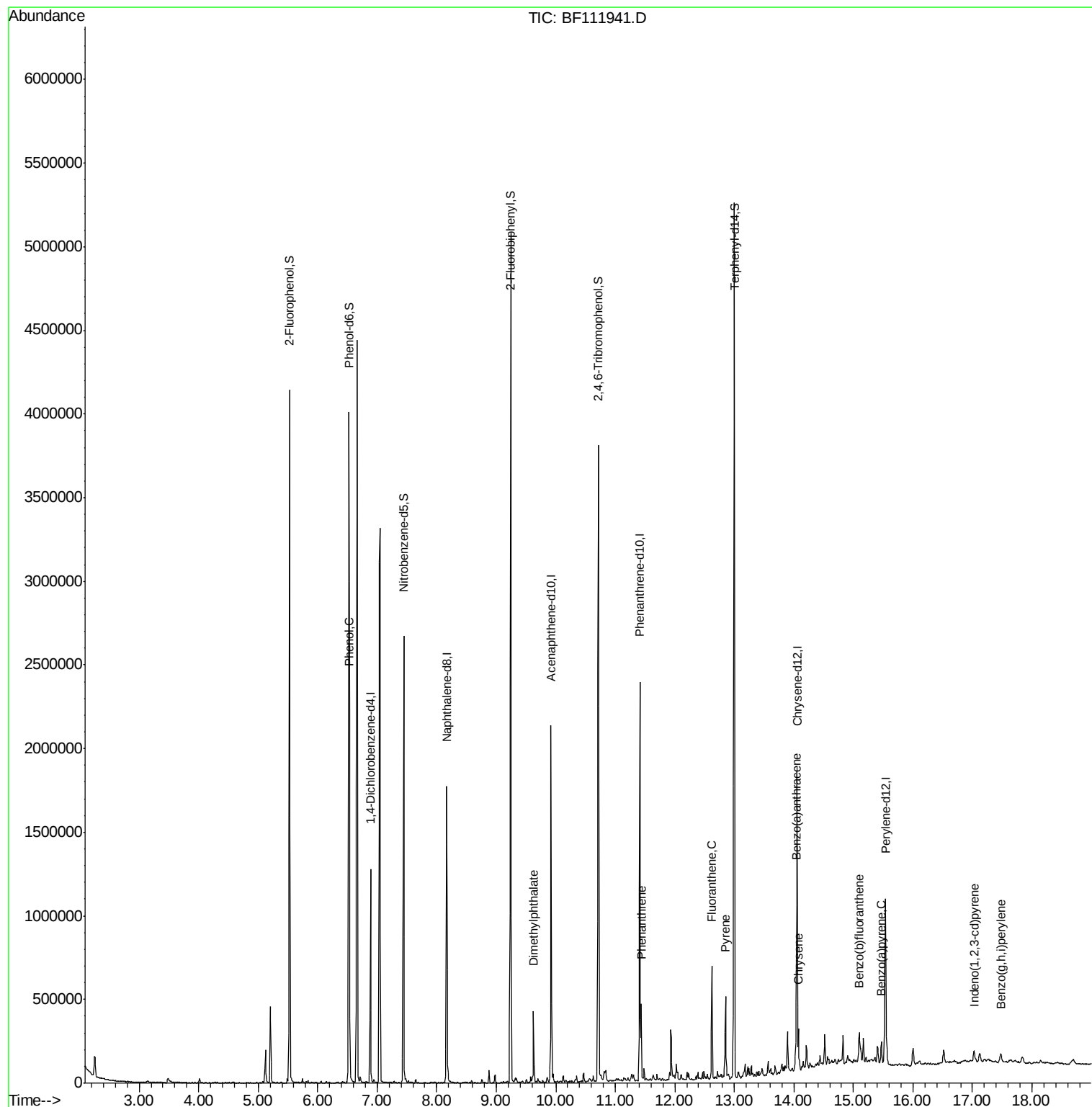
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111941.D
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Operator : JU/SJ
Sample : K1066-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

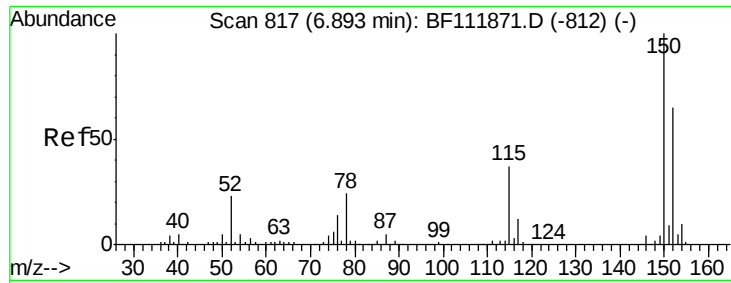
Instrument :
BNA_F
ClientSampled :
TN-1419

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
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#1

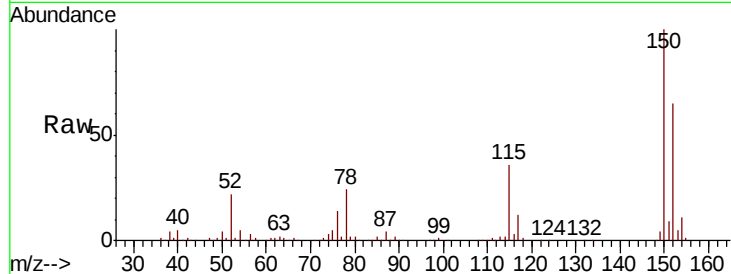
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Instrument :
BNA_F
ClientSampled :
TN-1419

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	122.7	184.1
115	55.1	45.2	67.8

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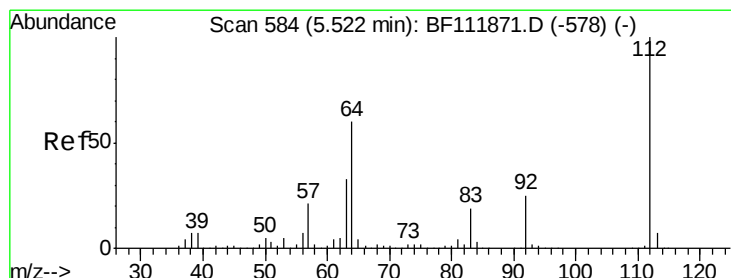
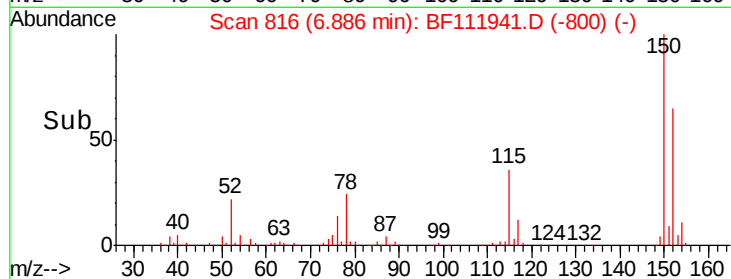
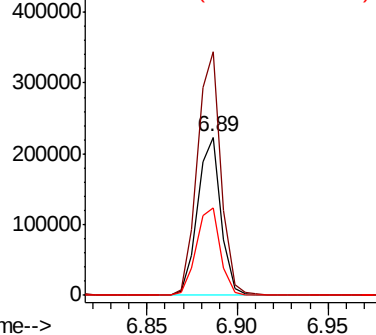


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

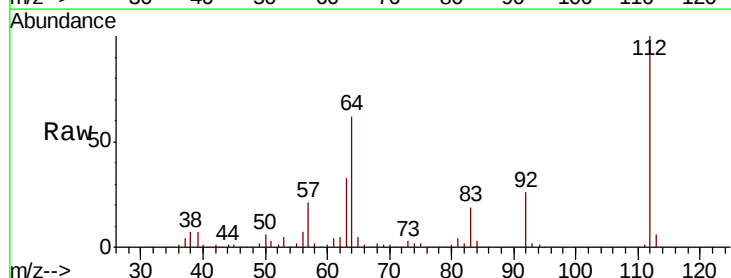
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.342 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	48.3	72.5
63	33.5	26.1	39.1

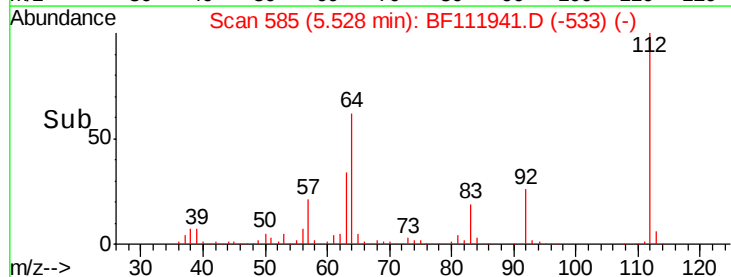
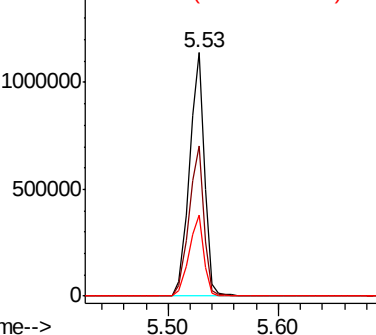


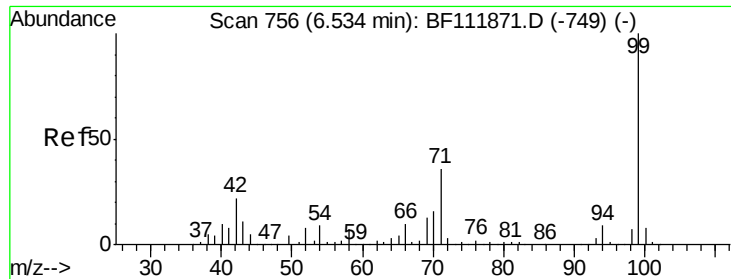
Abundance

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: 92.379 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111941.D

Acq: 9 Jan 2019 10:45

Instrument :

BNA_F

ClientSampleId :

TN-1419

Tot Ion: 99 Resp: 1392045

Ion Ratio Lower Upper

99 100

42 22.0 17.9 26.9

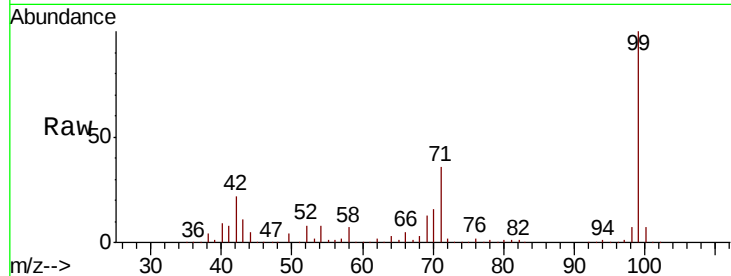
71 35.7 28.7 43.1

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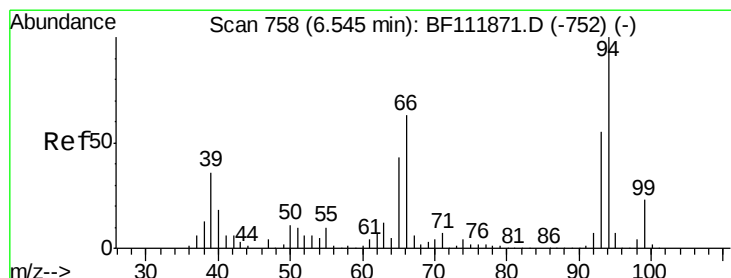
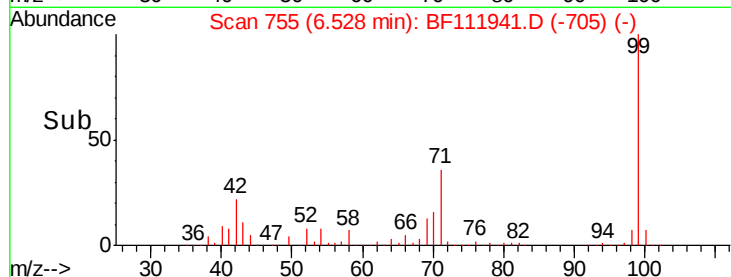
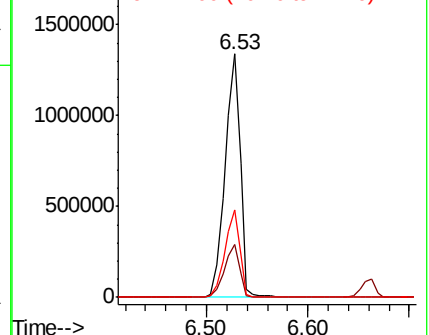
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.733 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111941.D

Acq: 9 Jan 2019 10:45

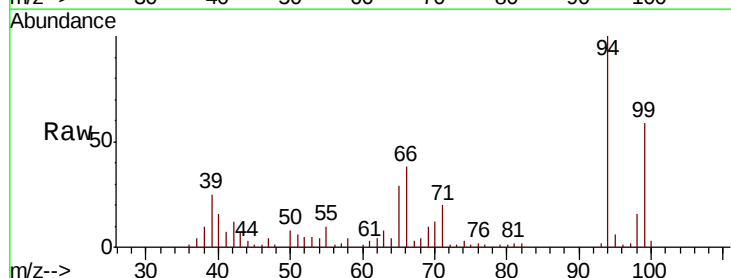
Tgt Ion: 94 Resp: 61134

Ion Ratio Lower Upper

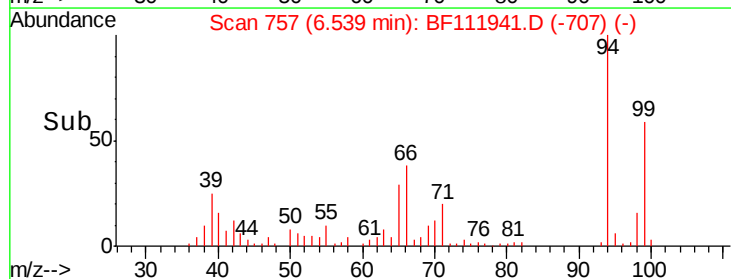
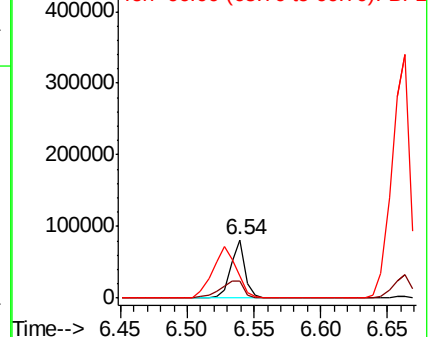
94 100

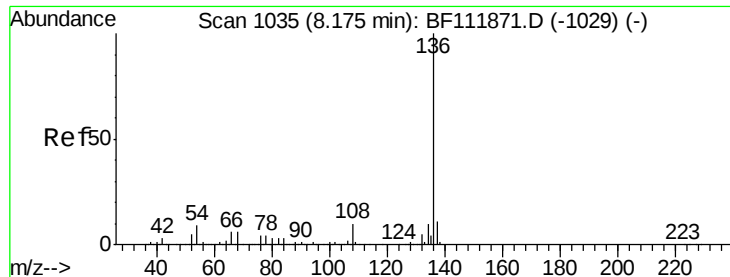
65 29.0 22.8 62.8

66 38.0 43.3 83.3#



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





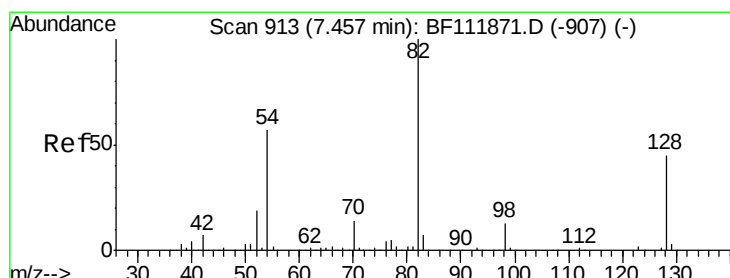
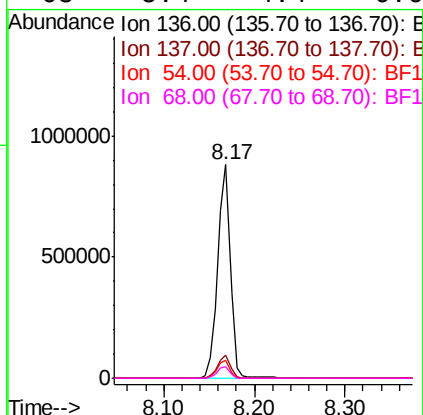
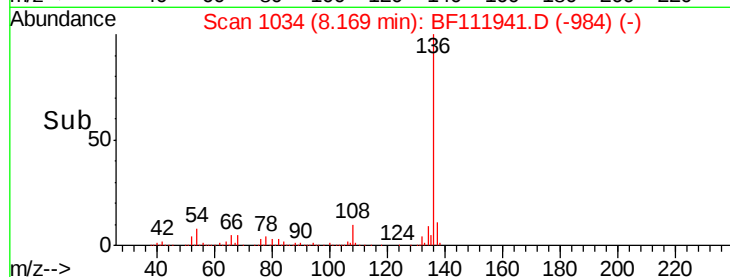
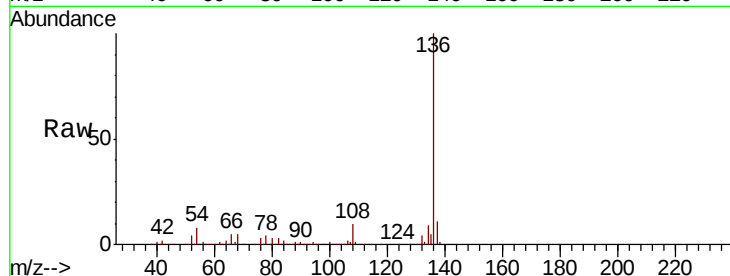
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Instrument :
BNA_F
ClientSampled :
TN-1419

Tot Ion	Ratio	Resp	Lower	Upper
136	100	845417		
137	11.0	9.1	13.7	
54	8.4	7.2	10.8	
68	5.4	4.4	6.6	

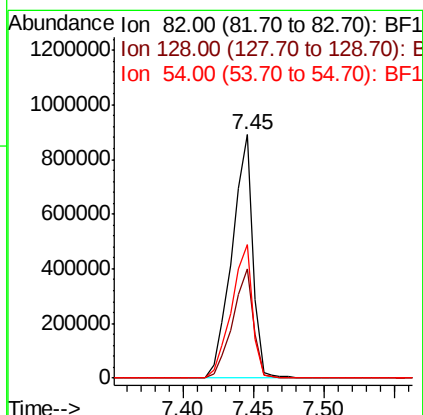
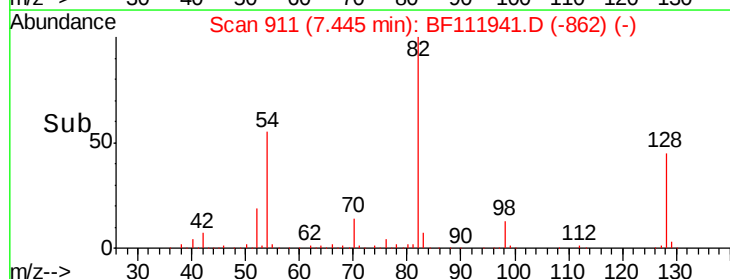
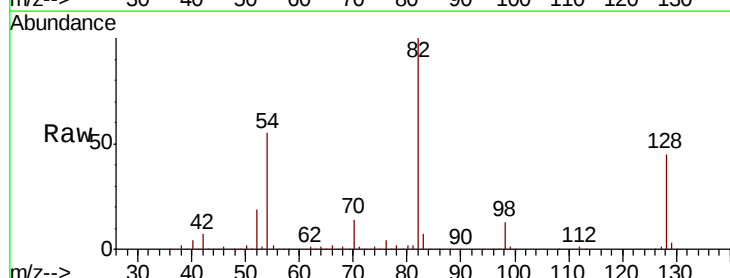
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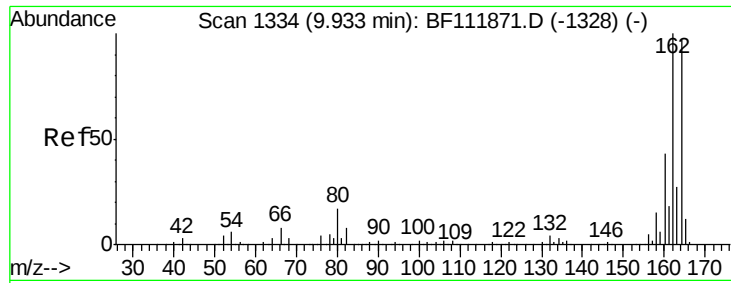
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#23
Nitrobenzene-d5
Concen: 57.846 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	915024		
128	45.0	35.7	53.5	
54	54.8	45.8	68.8	





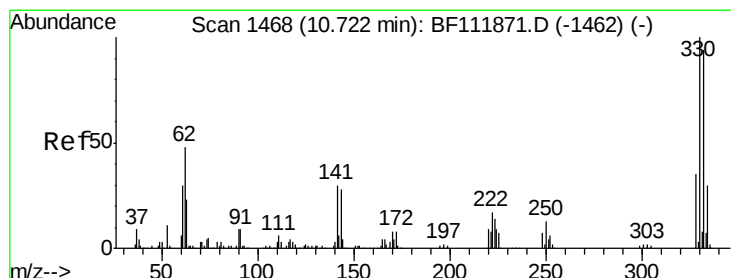
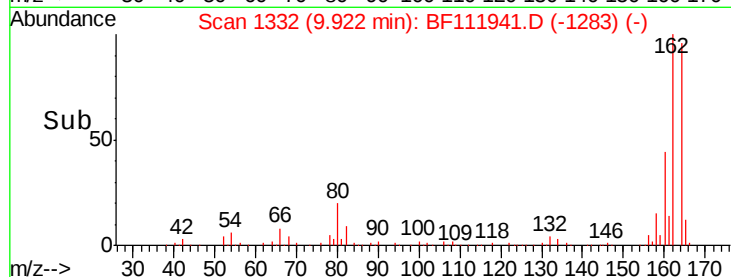
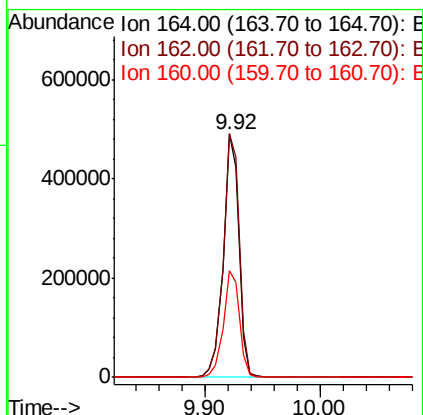
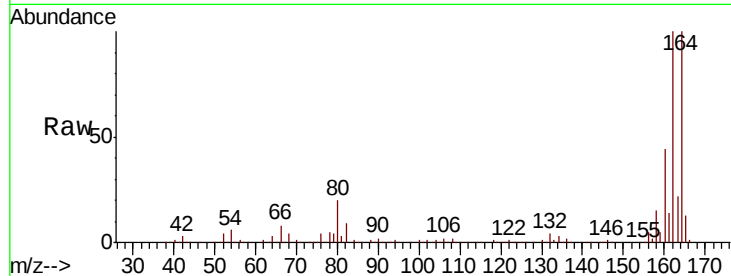
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Instrument :
BNA_F
ClientSampleId :
TN-1419

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.2	82.2	123.2	
160	43.7	35.5	53.3	

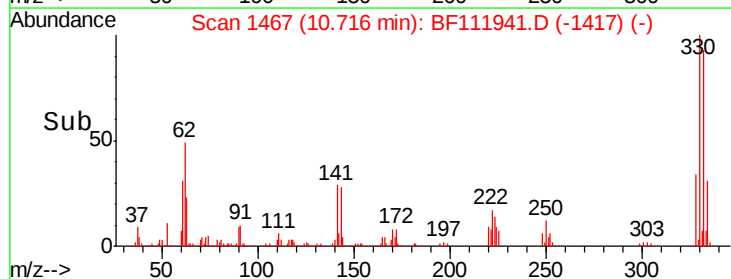
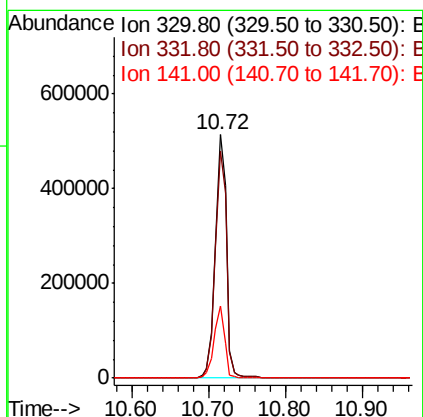
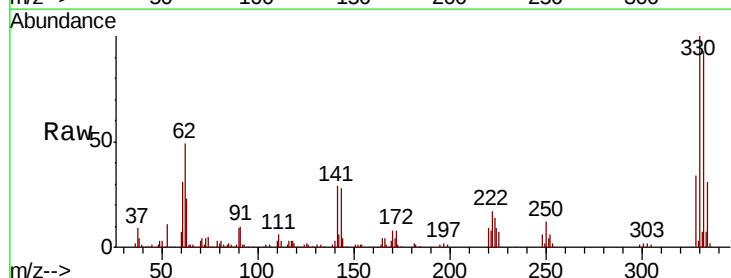
Manual Integrations
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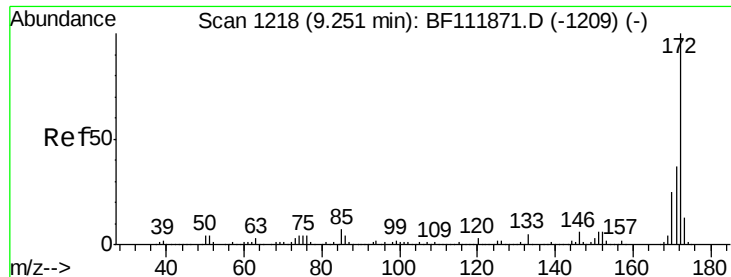
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#42
2,4,6-Tribromophenol
Concen: 84.214 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.9	76.9	115.3	
141	28.3	23.7	35.5	





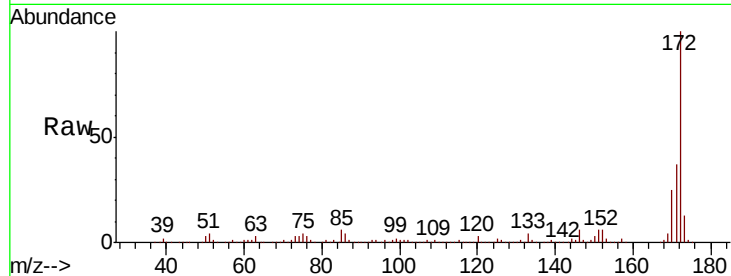
#45
2-Fluorobiphenyl
Concen: 56.184 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Instrument :
BNA_F
ClientSampleId :
TN-1419

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	25.0	19.8	29.8

Manual Integrations
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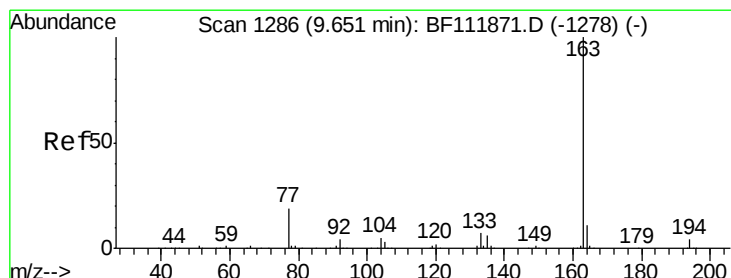
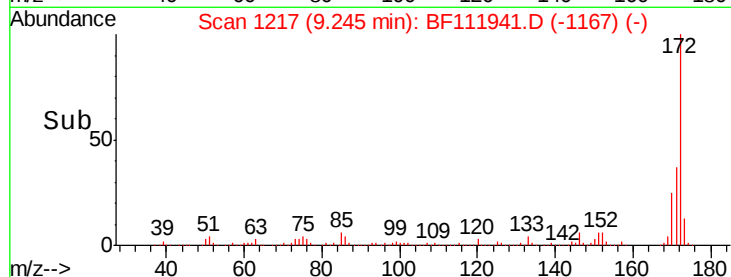
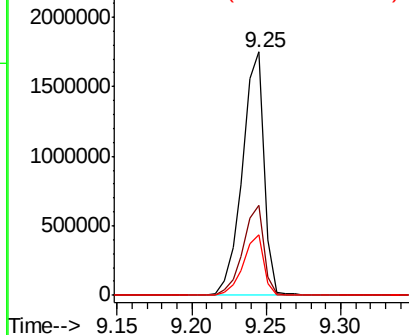


Abundance

Ion 172.00 (171.70 to 172.70): E

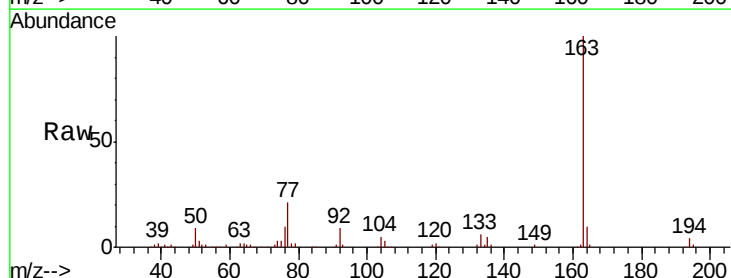
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 5.375 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	10.3	8.5	12.7

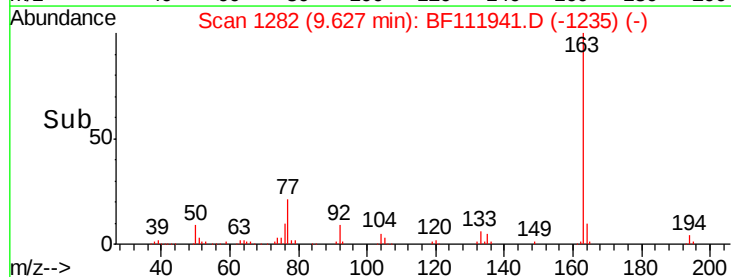
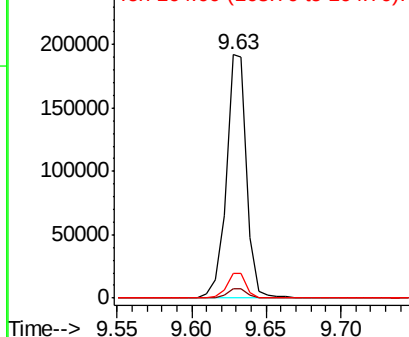


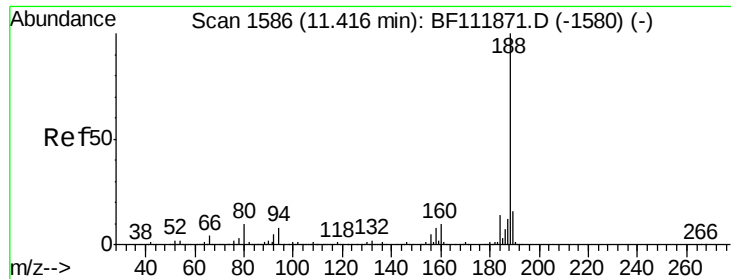
Abundance

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





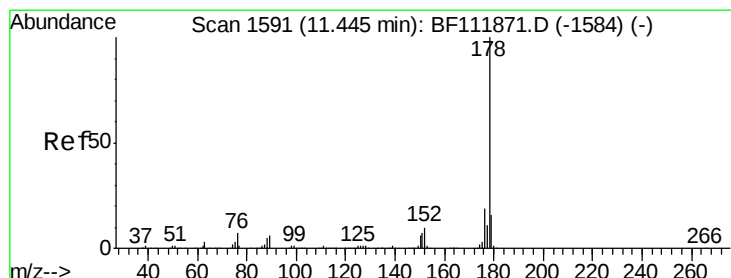
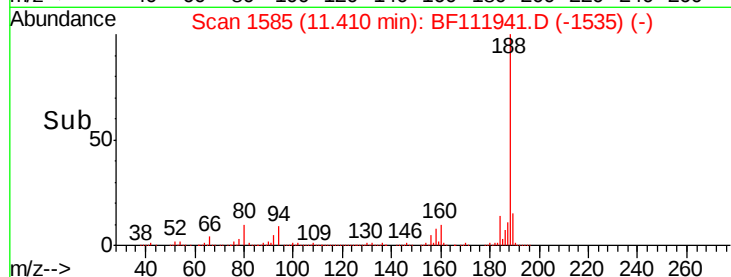
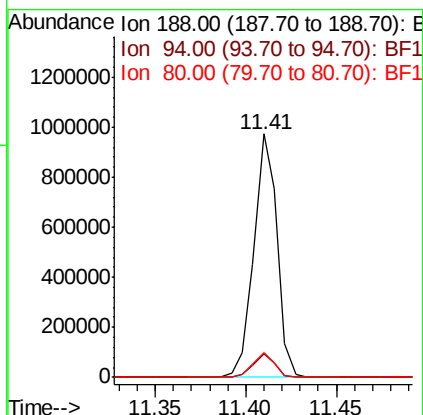
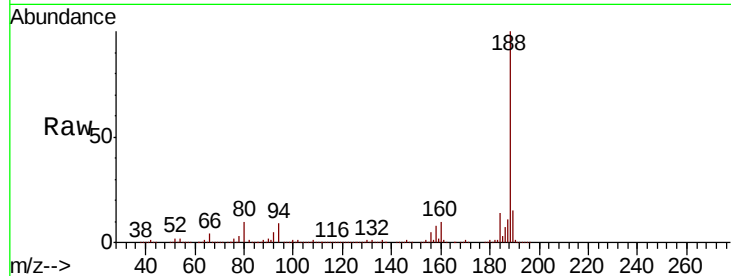
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Instrument :
BNA_F
ClientSampleId :
TN-1419

Tot Ion	Ratio	Resp	Lower	Upper
188	100	865039		
94	9.4		6.6	10.0
80	10.2		7.7	11.5

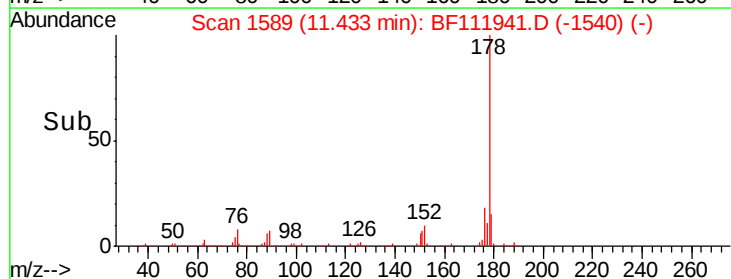
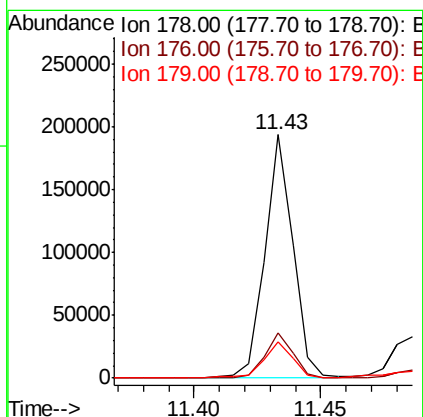
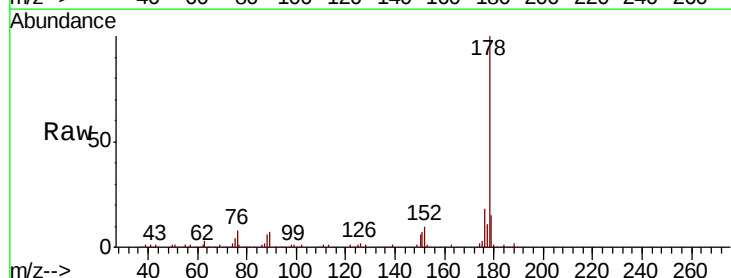
Manual Integrations
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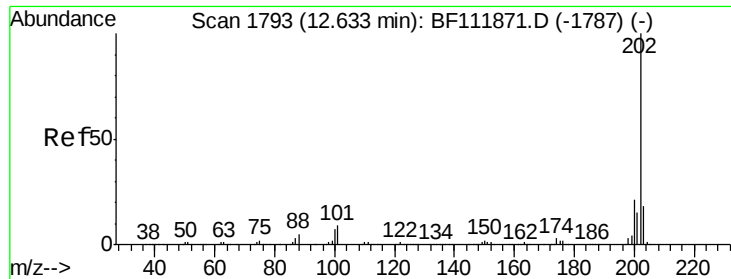
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#71
Phenanthrene
Concen: 3.243 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	149972		
176	18.4		15.6	23.4
179	14.9		12.6	18.8





#75

Fluoranthene

Concen: 5.535 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF111941.D

Acq: 9 Jan 2019 10:45

Instrument :

BNA_F

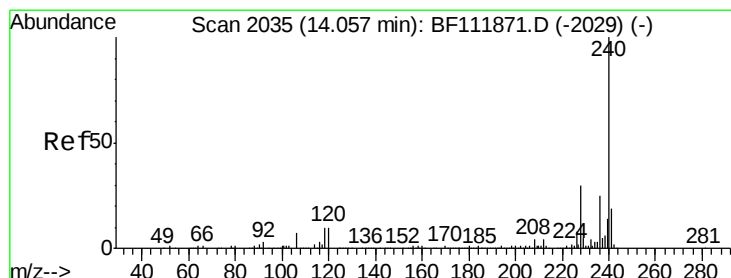
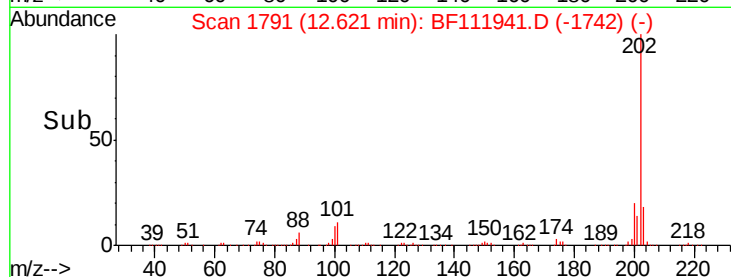
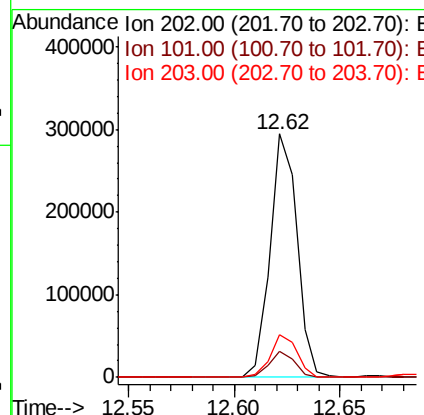
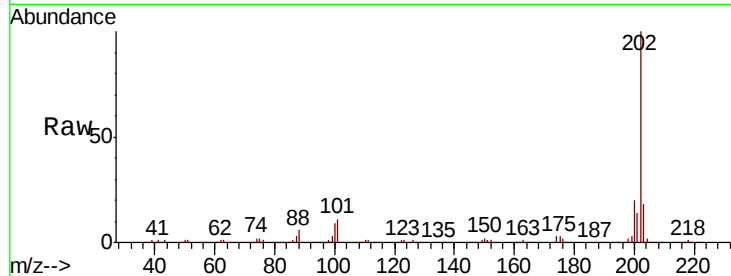
ClientSampleId :

TN-1419

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	0.0	29.3
203	17.8	0.0	37.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

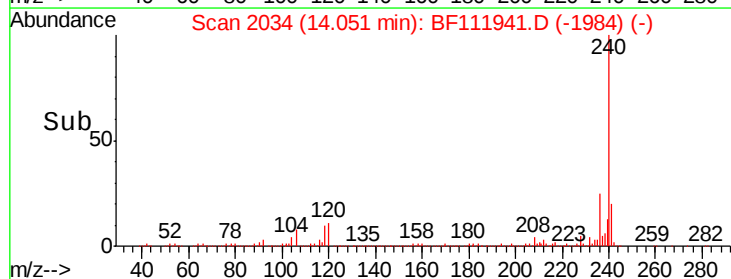
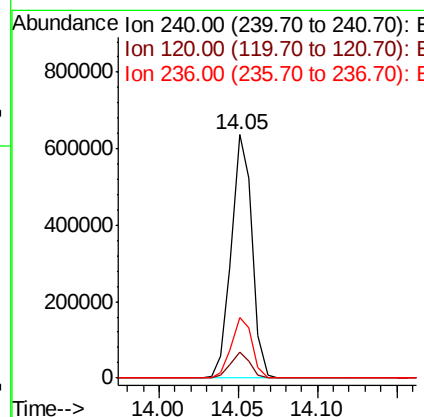
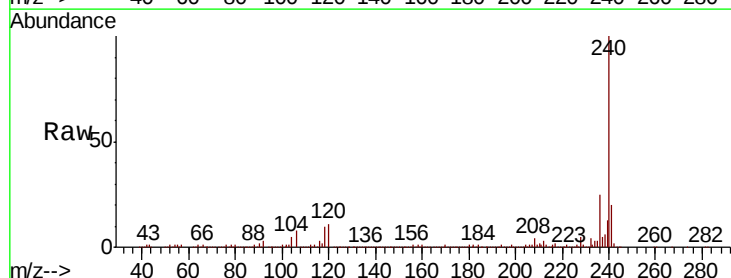
RT: 14.05 min Scan# 2034

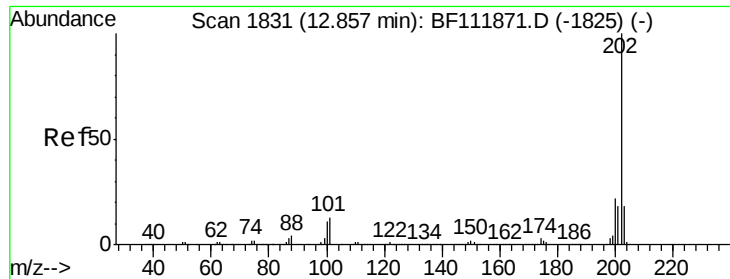
Delta R.T. -0.01 min

Lab File: BF111941.D

Acq: 9 Jan 2019 10:45

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.6	8.2	12.2
236	24.9	20.2	30.4





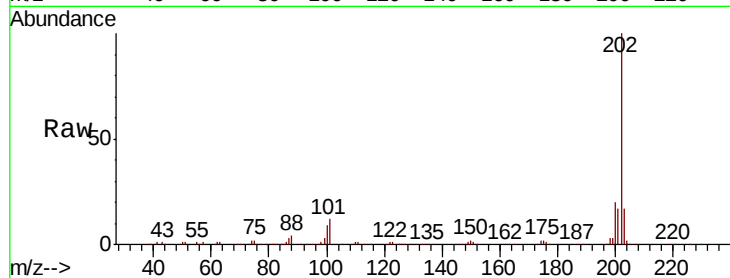
#78
Pvrene
Concen: 5.287 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Instrument :
BNA_F
ClientSampleId :
TN-1419

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.4	26.2
203	17.2	14.6	21.8

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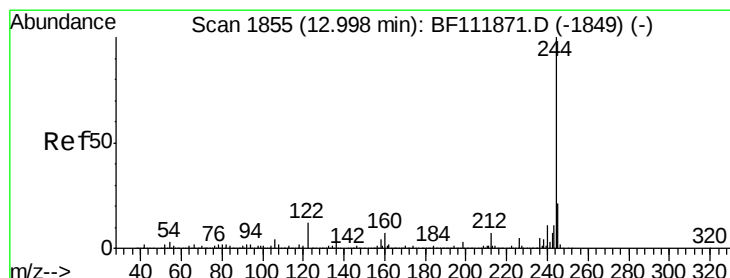
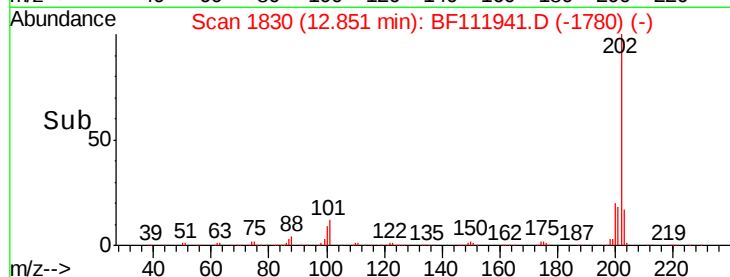
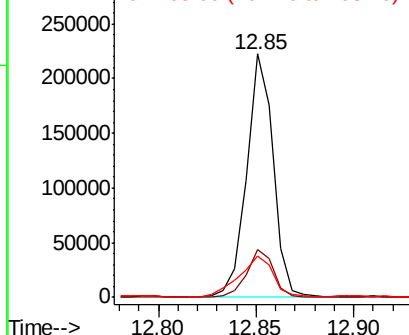


Abundance

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: 59.539 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

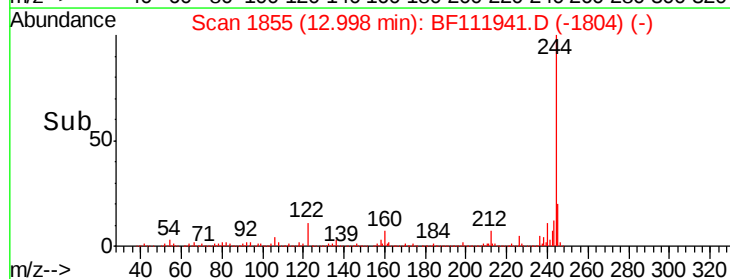
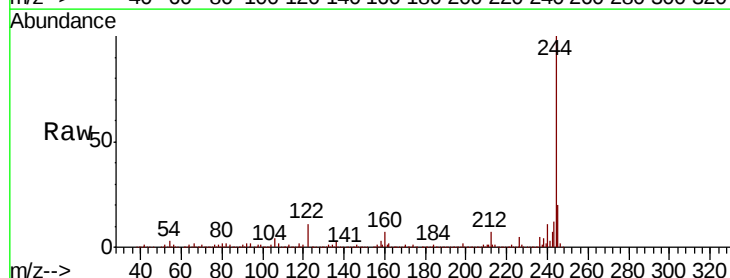
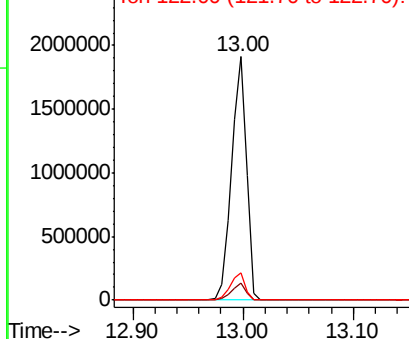
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.1	9.5	14.3

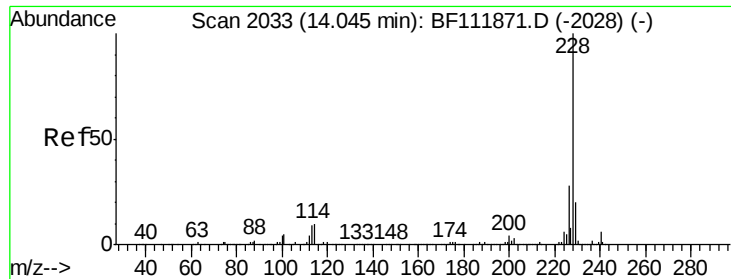
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 2.973 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF111941.D

Acq: 9 Jan 2019 10:45

Instrument :

BNA_F

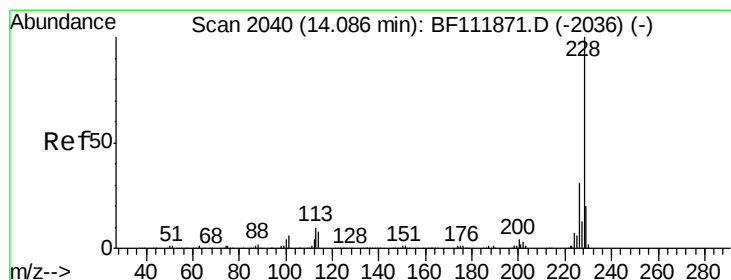
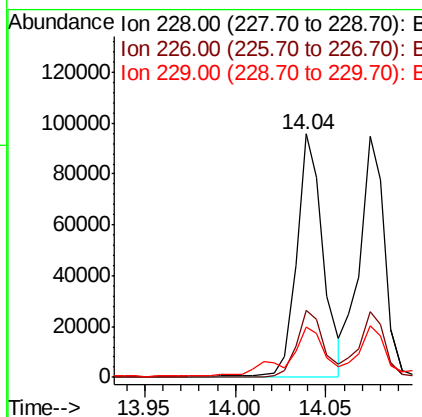
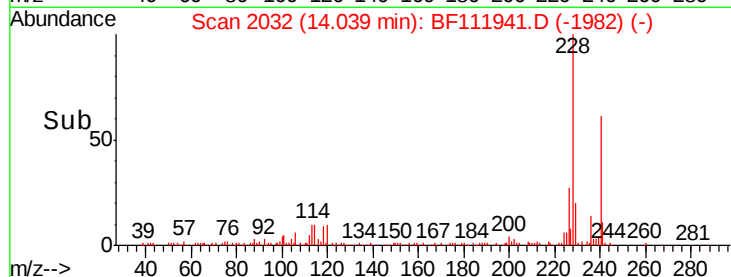
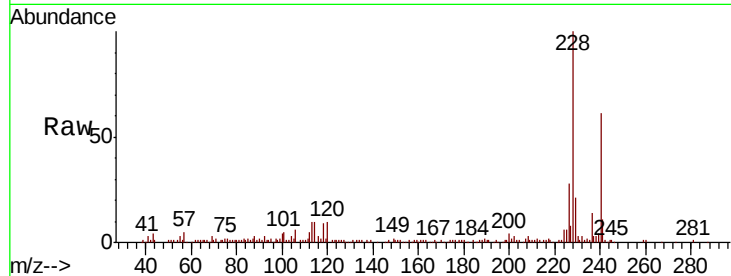
ClientSampleId :

TN-1419

Tot Ion:	228	Resp:	99025
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	20.6	16.2	24.2

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#83

Chrysene

Concen: 2.914 ng

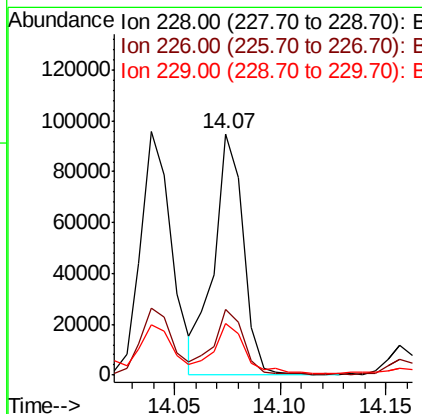
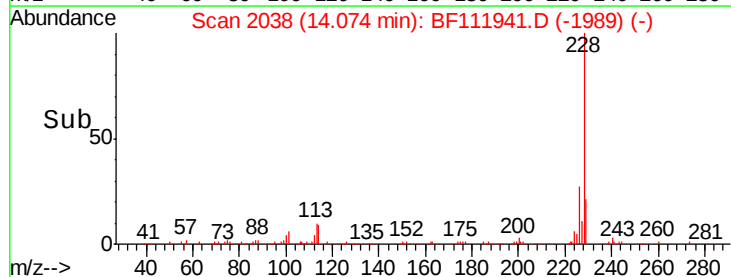
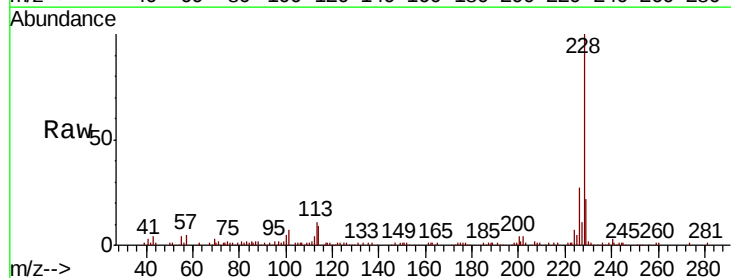
RT: 14.07 min Scan# 2038

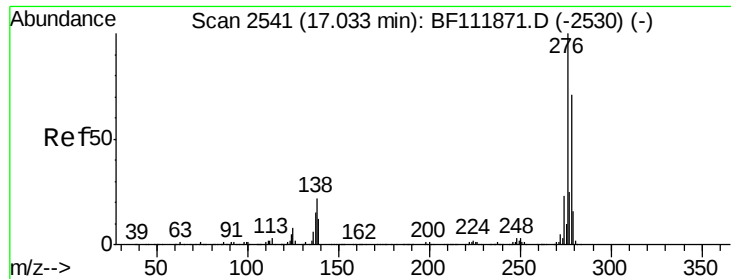
Delta R.T. -0.01 min

Lab File: BF111941.D

Acq: 9 Jan 2019 10:45

Tgt Ion:	228	Resp:	92559
Ion	Ratio	Lower	Upper
228	100		
226	27.3	24.6	37.0
229	21.7	15.7	23.5





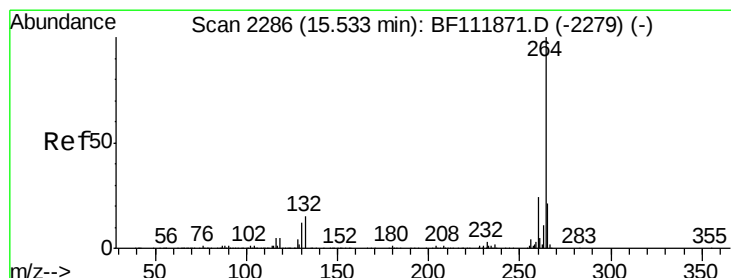
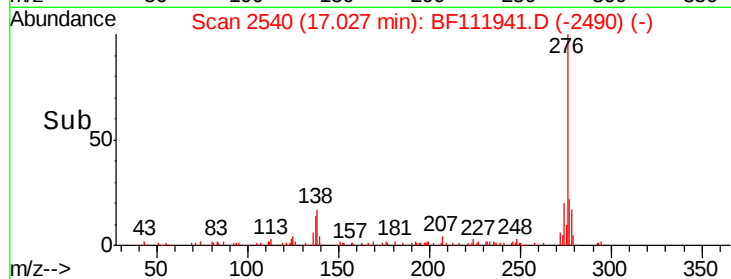
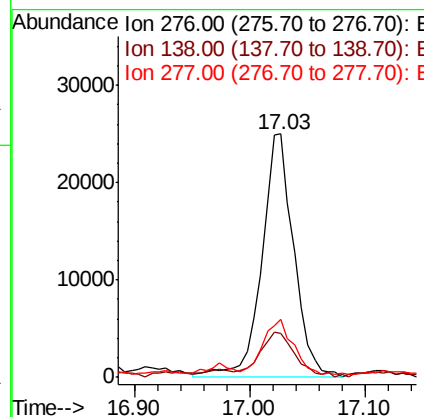
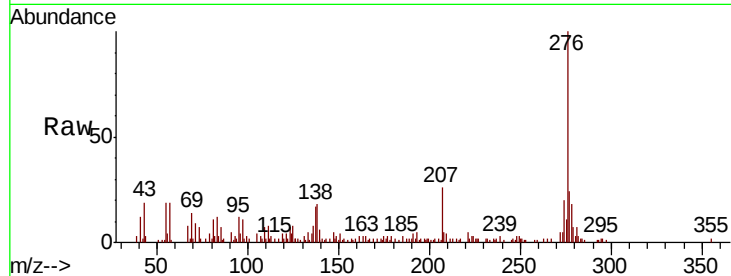
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.100 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Instrument :
BNA_F
ClientSampleId :
TN-1419

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	18.1	27.1
277	21.1	19.9	29.9

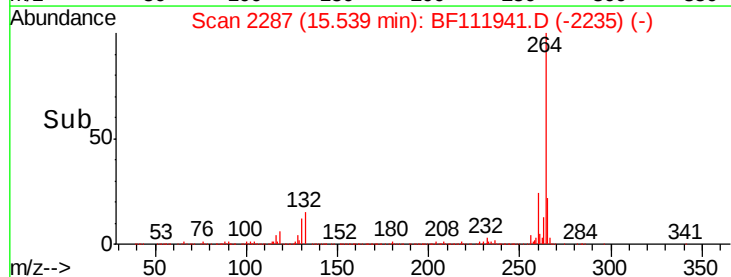
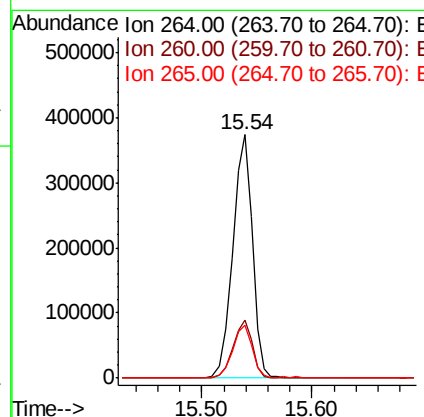
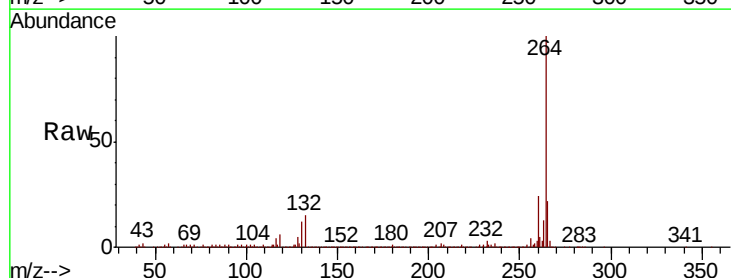
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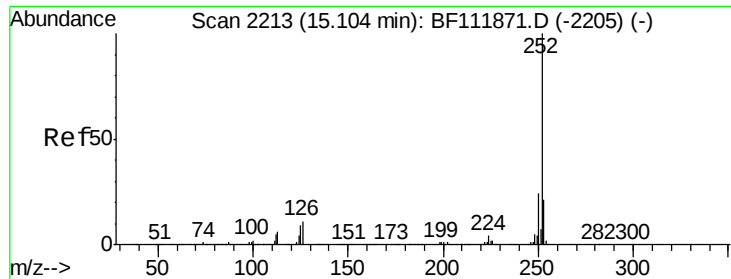
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.1	25.7





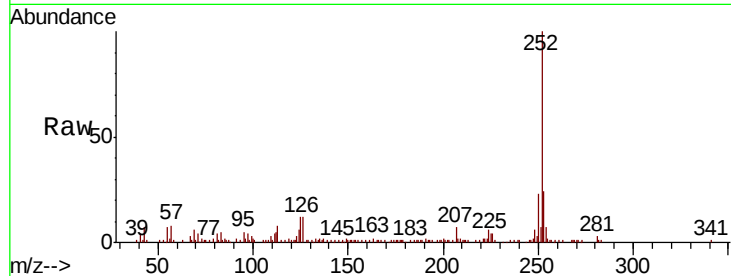
#88
Benzo(b)fluoranthene
Concen: 3.534 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Instrument :
BNA_F
ClientSampleId :
TN-1419

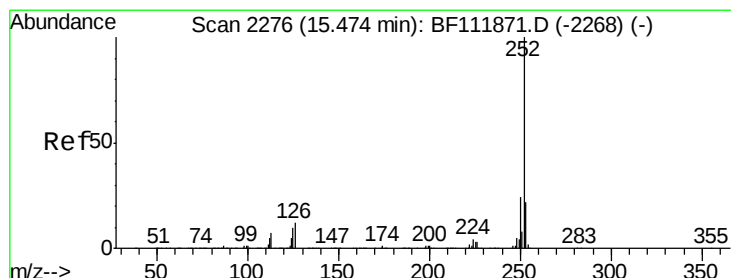
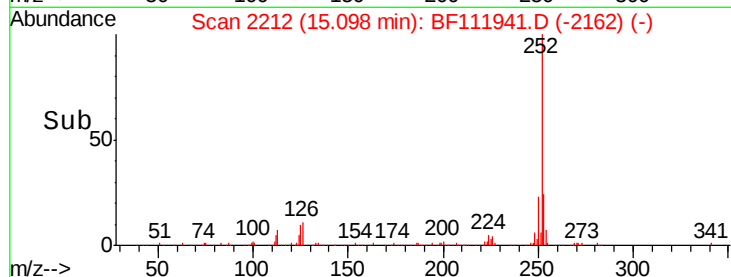
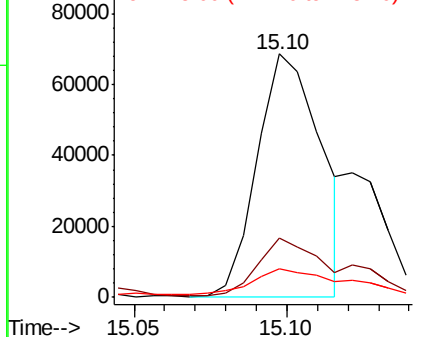
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	11.6	7.1	10.7

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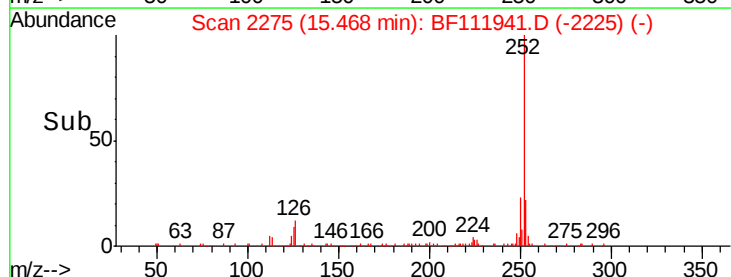
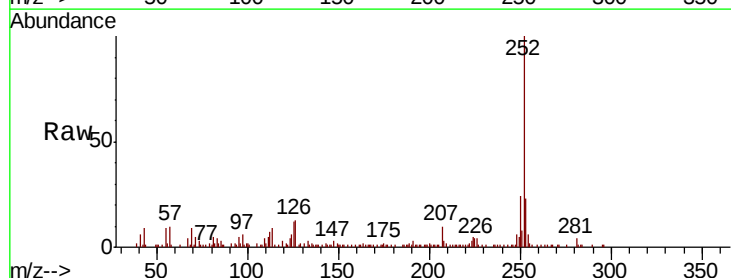
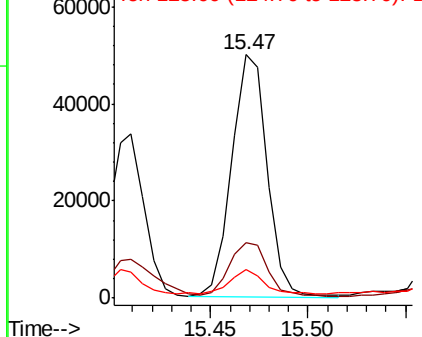
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

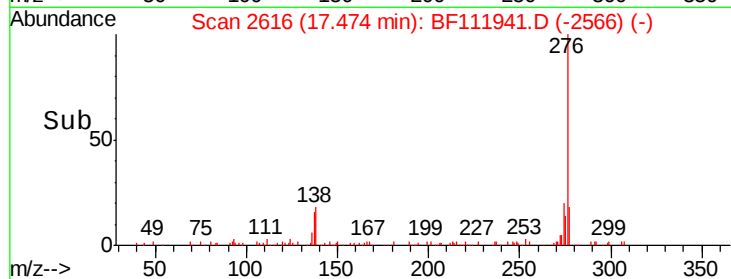
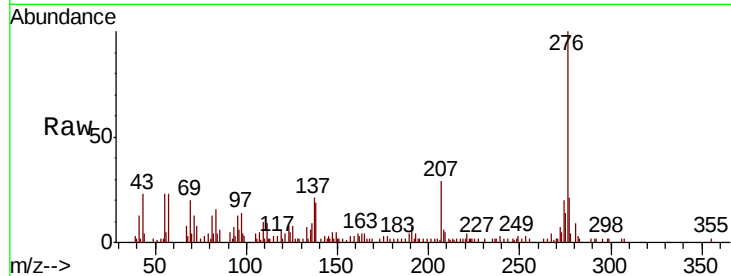
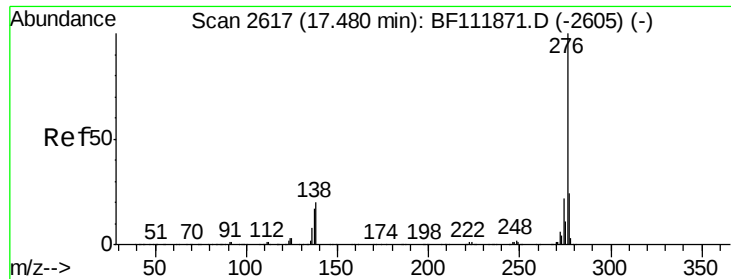


#90
Benzo(a)pyrene
Concen: 2.556 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF111941.D
Acq: 9 Jan 2019 10:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	11.8	7.9	11.9

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: 2.259 ng
 RT: 17.47 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BF111941.D
 Acq: 9 Jan 2019 10:45

Instrument :
 BNA_F
 ClientSampleId :
 TN-1419

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.0	19.0	28.6
138	19.4	16.2	24.2

Manual Integrations
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