

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
 Data File : BF112327.D
 Acq On : 30 Jan 2019 17:46
 Operator : JU/SJ
 Sample : K1282-25
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Manual Integrations
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 2/1/2019 12:06:30 AM

Quant Time: Jan 31 00:33:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	169020	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	635463	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	293879	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	503299	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	356968	20.00	ng	-0.01
87) Perylene-d12	15.47	264	359350	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	880962	110.71	ng	0.00
7) Phenol-d6	6.49	99	1089362	98.52	ng	0.00
23) Nitrobenzene-d5	7.40	82	705883	64.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	266902	78.03	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1173123	56.46	ng	-0.01
79) Terphenyl-d14	12.94	244	851597	44.93	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	57240	4.718	ng	78
50) Dimethylphthalate	9.59	163	96646	4.233	ng	99
71) Phenanthrene	11.38	178	121622	4.648	ng	96
75) Fluoranthene	12.57	202	165669	5.903	ng	98
78) Pyrene	12.80	202	152115	6.155	ng	98
81) Benzo(a)anthracene	13.99	228	73815	3.518	ng	98
83) Chrysene	14.03	228	69957	3.492	ng	97
86) Indeno(1,2,3-cd)pyrene	16.94	276	33365	2.102	ng	# 92
88) Benzo(b)fluoranthene	15.04	252	92252m	4.293	ng	
90) Benzo(a)pyrene	15.40	252	62757	3.245	ng	# 97
92) Benzo(g,h,i)perylene	17.39	276	34832	2.369	ng	99

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

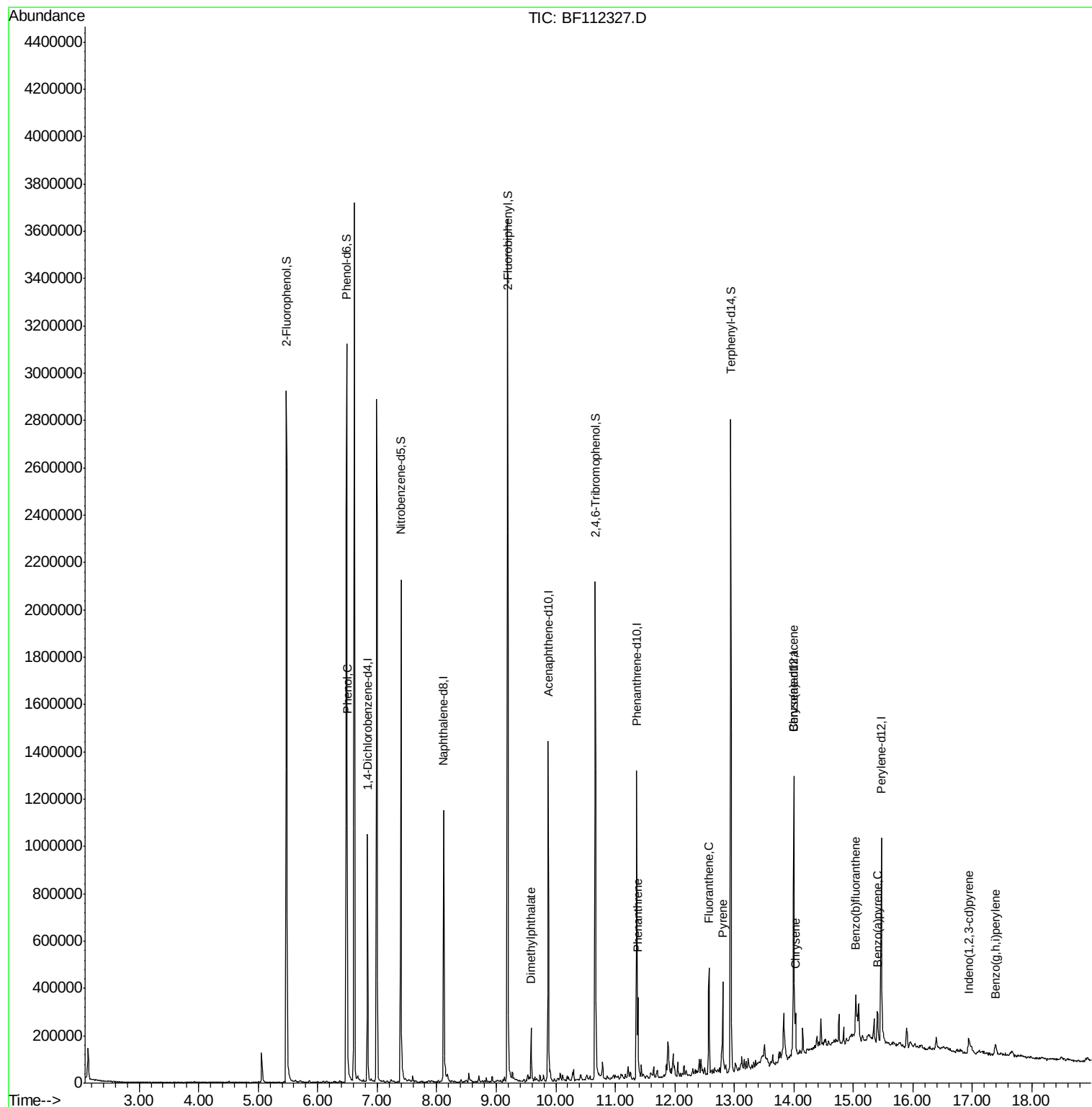
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
Data File : BF112327.D
Acq On : 30 Jan 2019 17:46
Operator : JU/SJ
Sample : K1282-25
Misc :
ALS Vial : 9 Sample Multiplier: 1

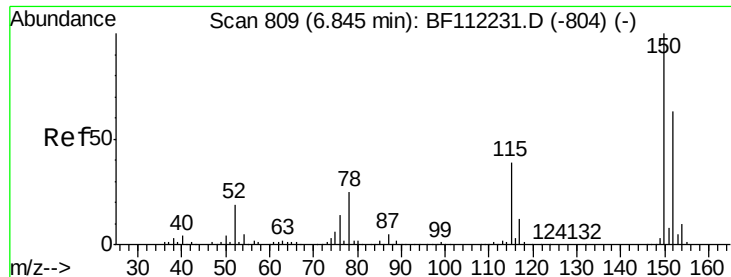
Instrument :
BNA_F
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#1

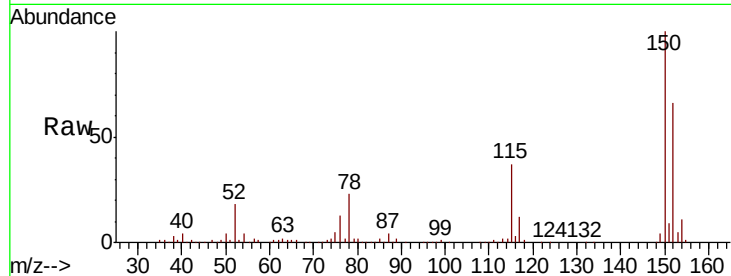
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112327.D
Acq: 30 Jan 2019 17:46

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	127.4	191.0
115	56.4	45.5	68.3

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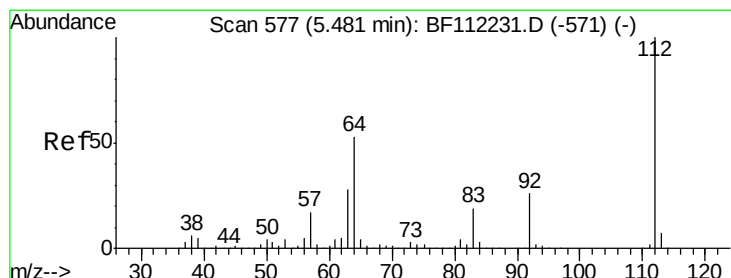
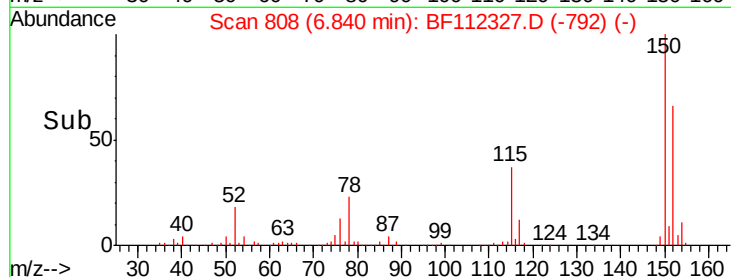
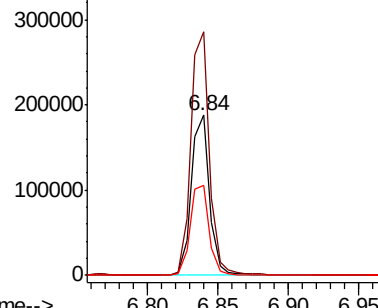


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

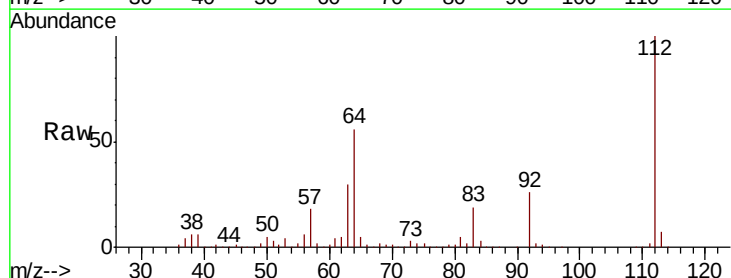
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.710 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112327.D
Acq: 30 Jan 2019 17:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	45.7	68.5
63	30.5	23.6	35.4

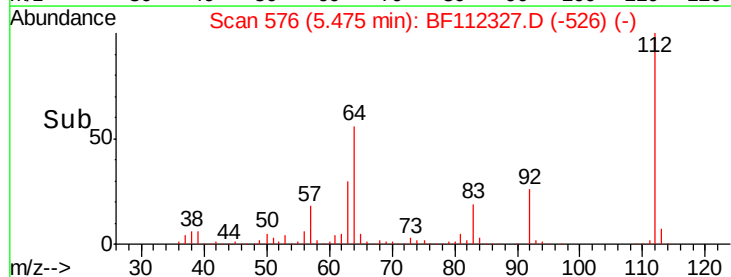
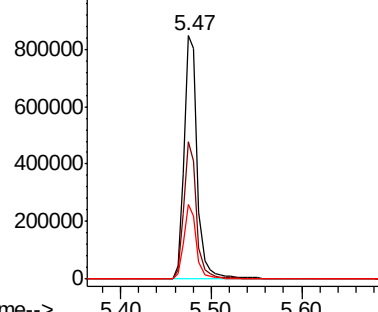


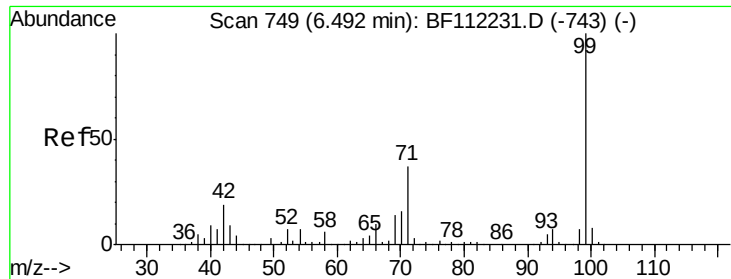
Abundance

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: 98.521 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112327.D

Acq: 30 Jan 2019 17:46

Instrument :

BNA_F

ClientSampled :

TP-7

Tot Ion: 99 Resp: 1089362

Ion Ratio Lower Upper

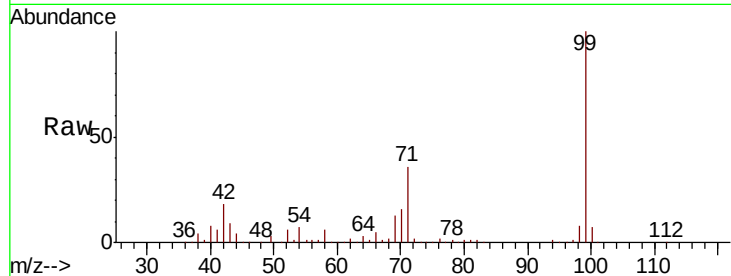
99 100

42 18.4 15.1 22.7

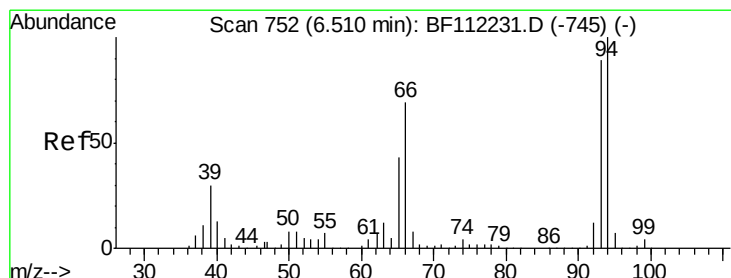
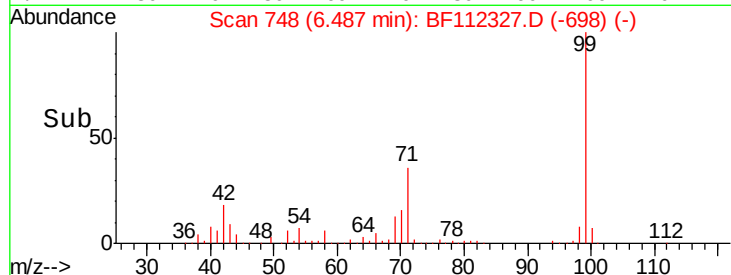
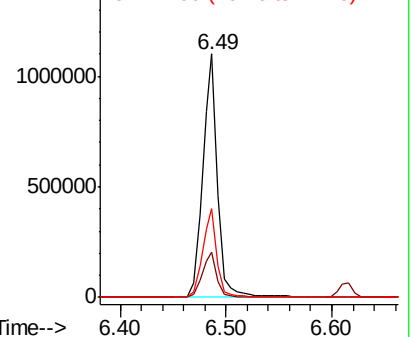
71 36.5 26.9 40.3

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Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.718 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112327.D

Acq: 30 Jan 2019 17:46

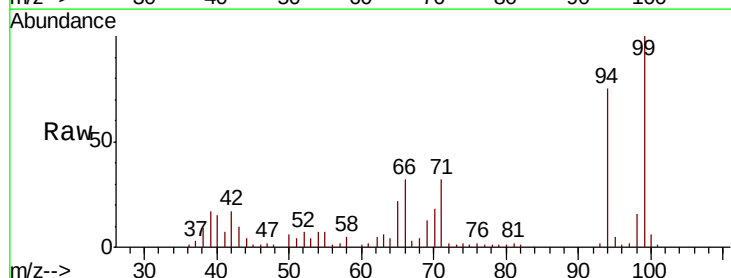
Tgt Ion: 94 Resp: 57240

Ion Ratio Lower Upper

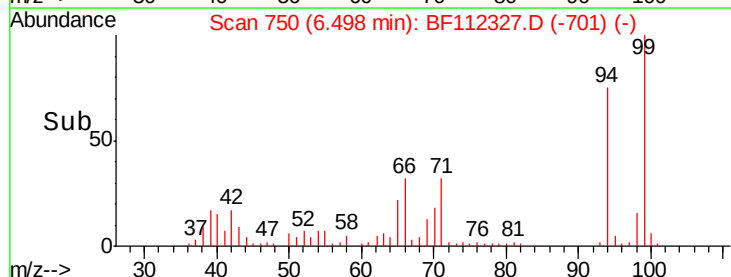
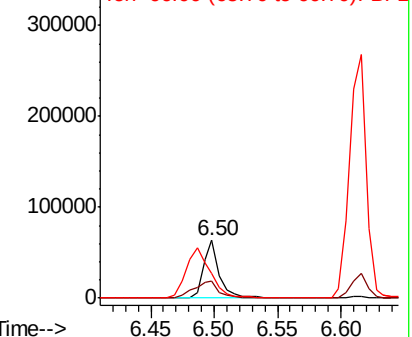
94 100

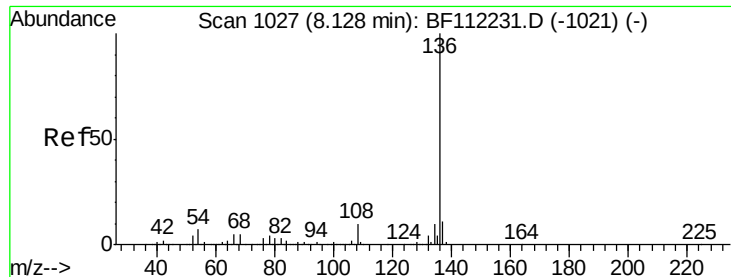
65 29.4 20.3 60.3

66 43.0 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
300000
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





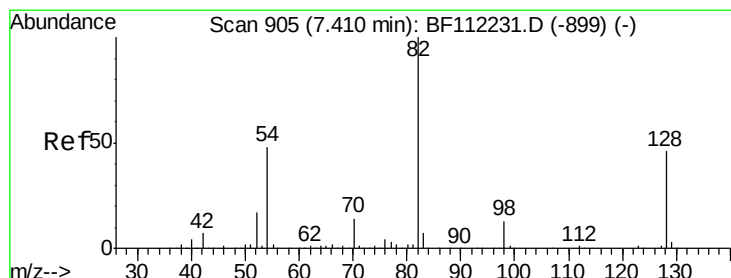
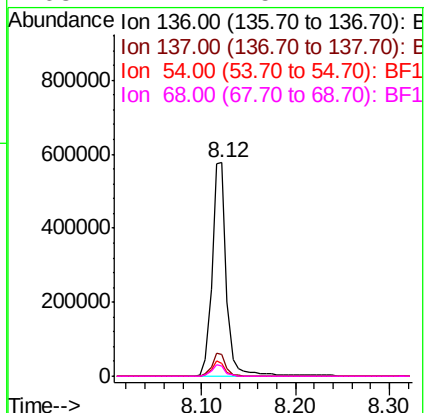
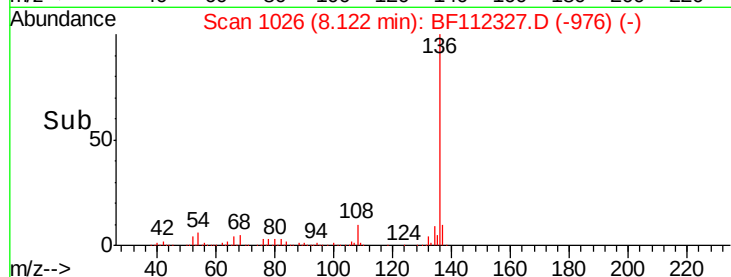
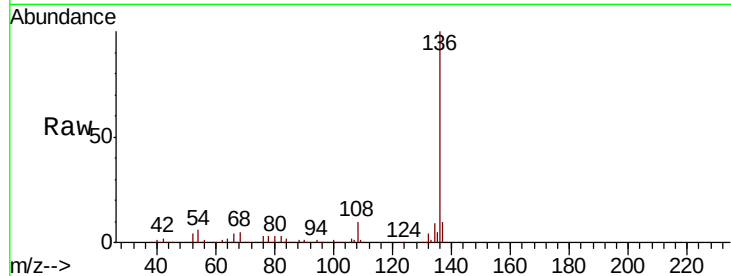
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112327.D
Acq: 30 Jan 2019 17:46

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	9.1	13.7	
54	6.0	5.9	8.9	
68	4.7	5.1	7.7#	

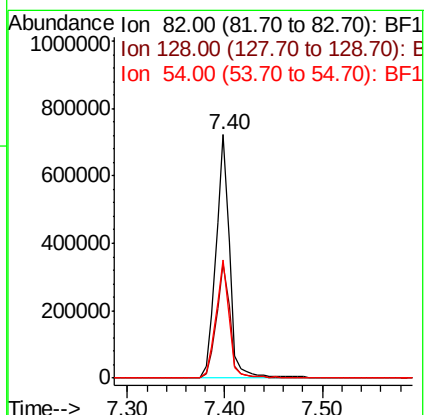
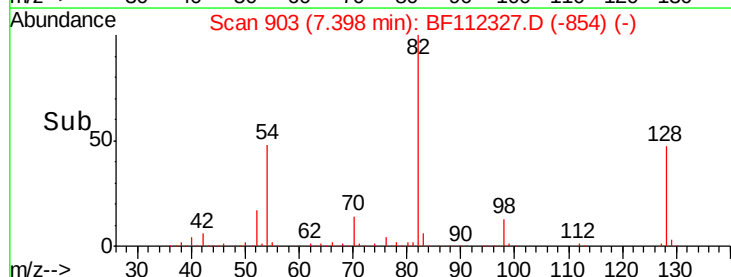
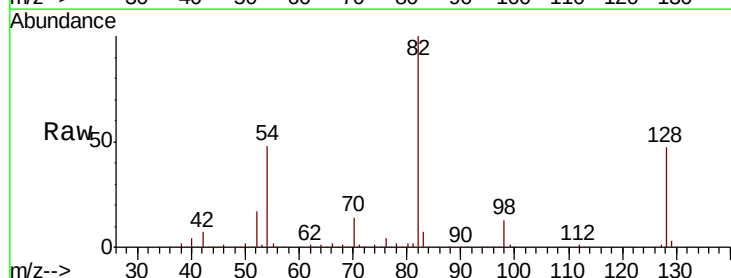
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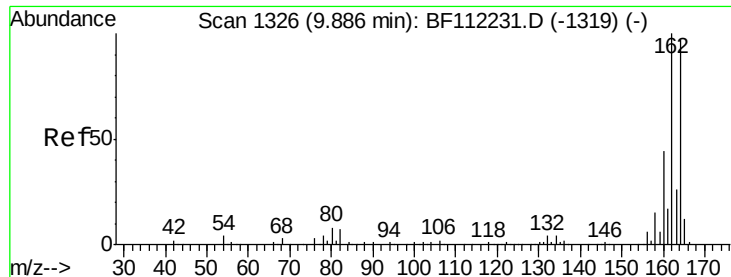
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#23
Nitrobenzene-d5
Concen: 64.005 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112327.D
Acq: 30 Jan 2019 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.2	37.8	56.8	
54	48.5	39.7	59.5	





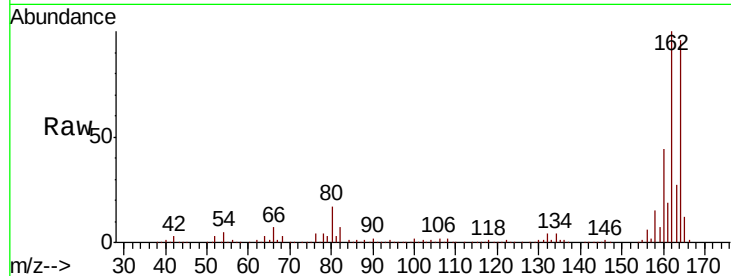
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112327.D
Acq: 30 Jan 2019 17:46

Instrument :
BNA_F
ClientSampleId :
TP-7

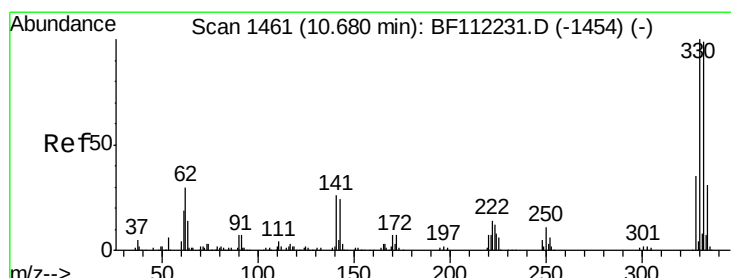
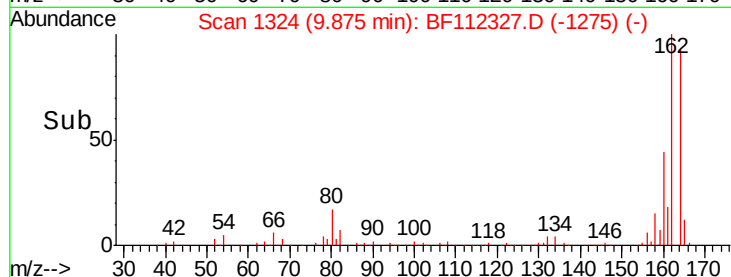
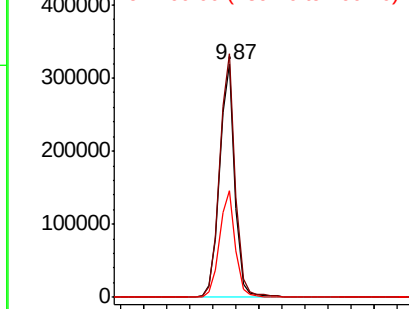
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.2	123.4
160	45.8	36.2	54.4

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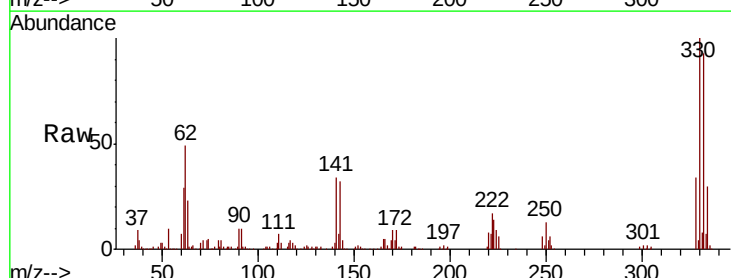


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

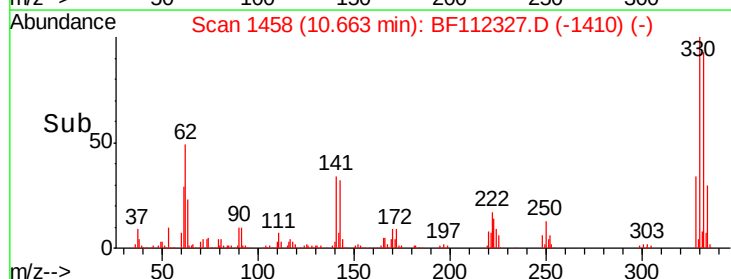
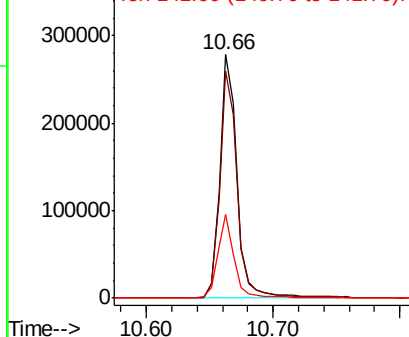


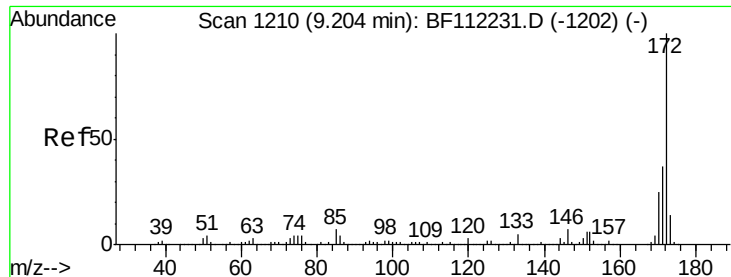
#42
2,4,6-Tribromophenol
Concen: 78.026 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112327.D
Acq: 30 Jan 2019 17:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	114.8
141	32.4	24.3	36.5



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





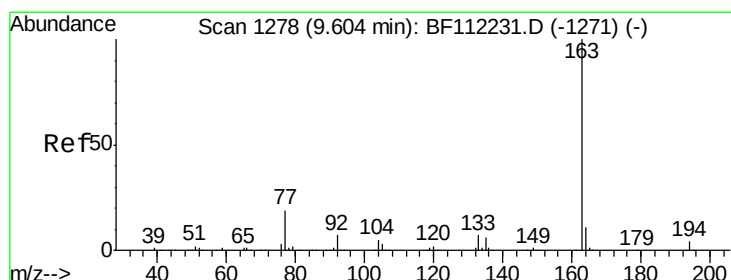
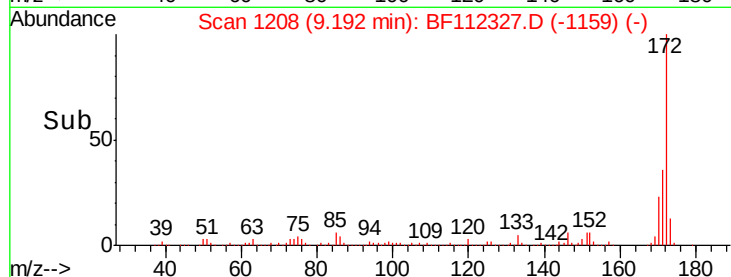
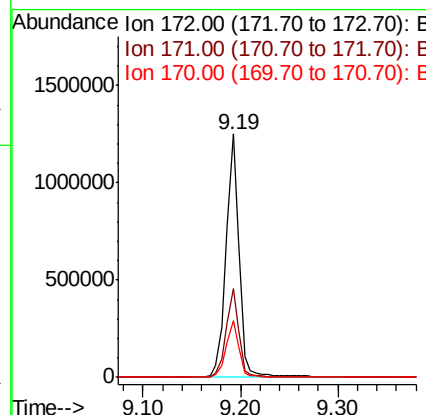
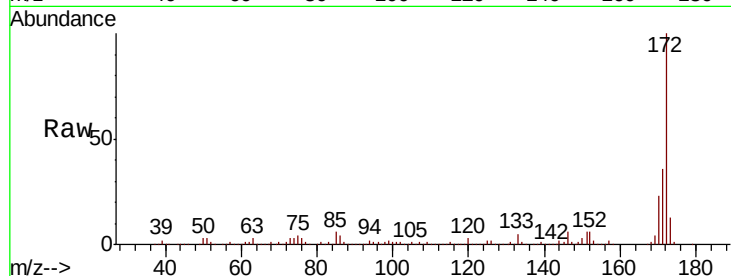
#45
2-Fluorobiphenyl
Concen: 56.458 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112327.D
Acq: 30 Jan 2019 17:46

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.5	45.7
170	23.4	20.2	30.4

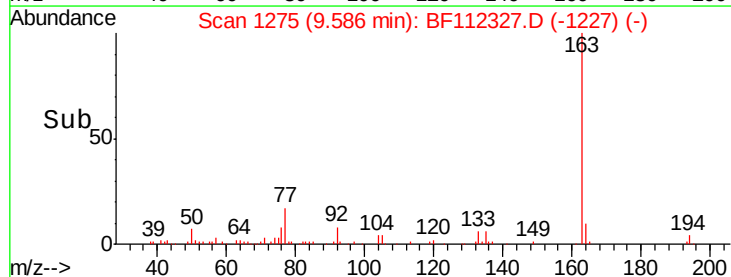
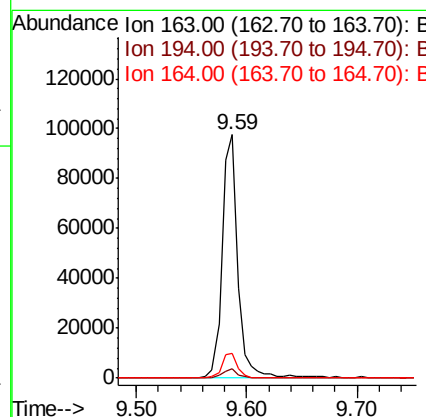
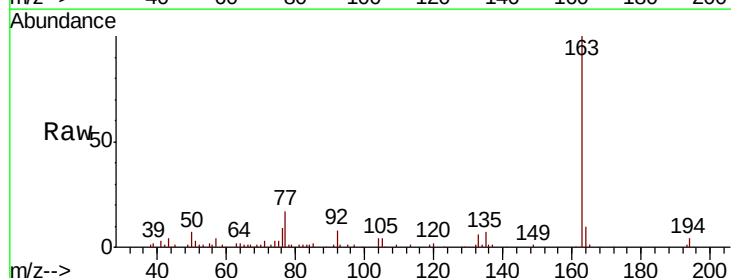
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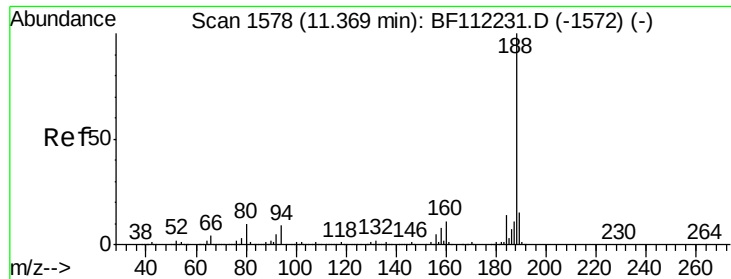
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#50
Dimethylphthalate
Concen: 4.233 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112327.D
Acq: 30 Jan 2019 17:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.1	8.5	12.7





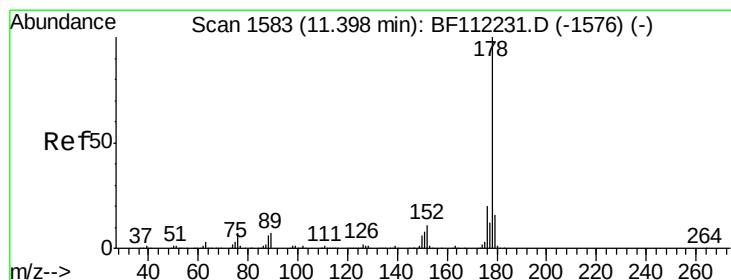
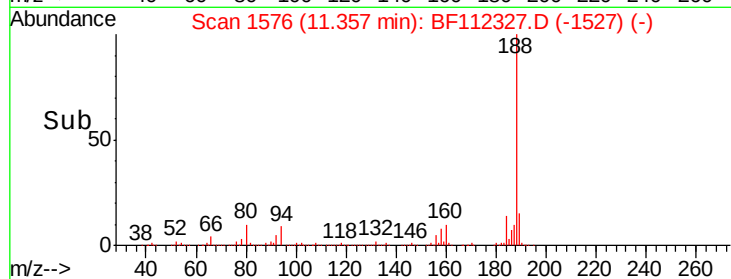
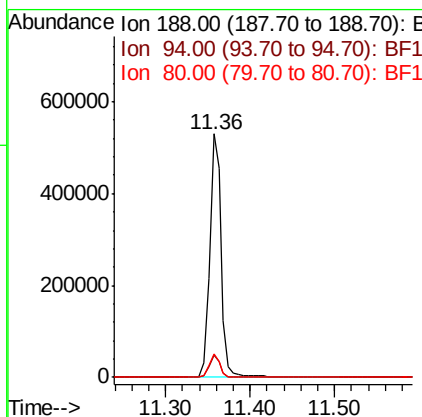
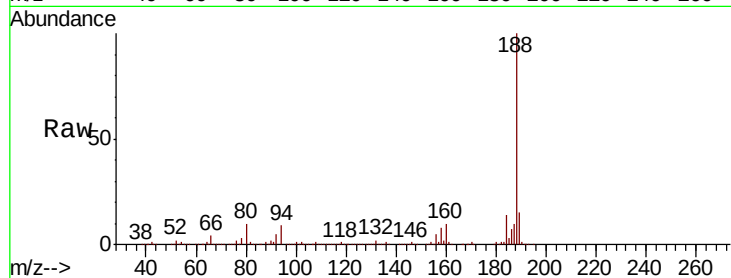
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112327.D
Acq: 30 Jan 2019 17:46

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	503299		
94	9.3		8.2	12.2
80	9.8		8.9	13.3

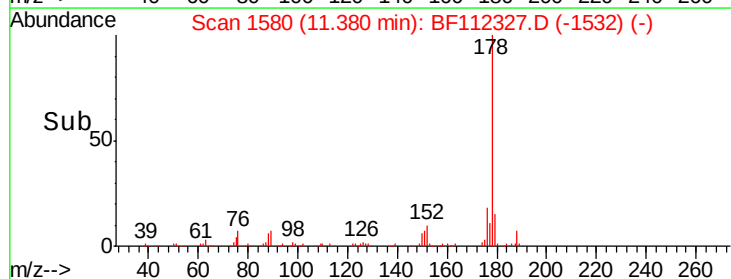
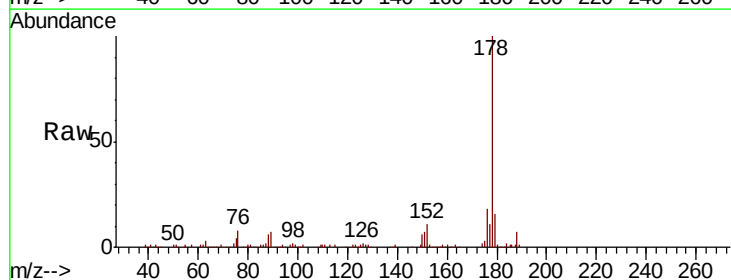
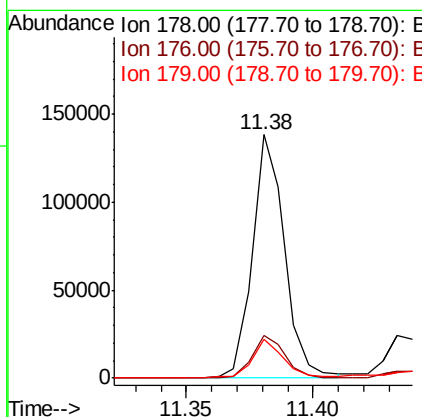
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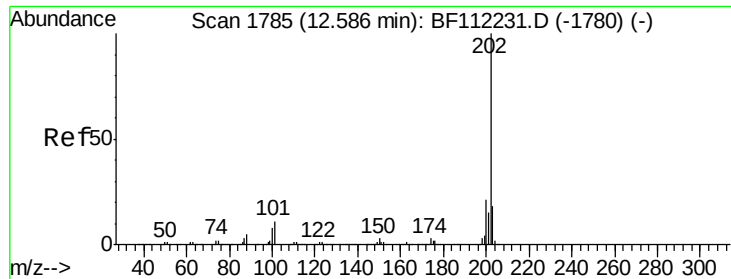
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#71
Phenanthrene
Concen: 4.648 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112327.D
Acq: 30 Jan 2019 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	121622		
176	17.8		16.3	24.5
179	15.7		13.0	19.4





#75

Fluoranthene

Concen: 5.903 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112327.D

Acq: 30 Jan 2019 17:46

Instrument :

BNA_F

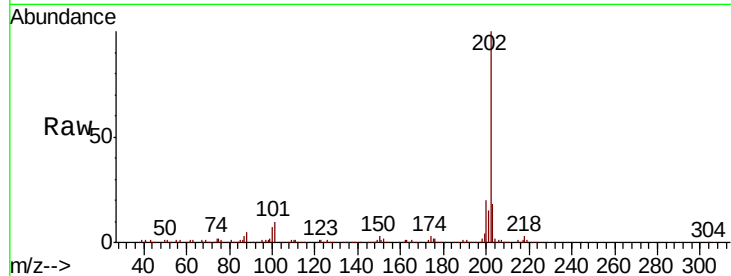
ClientSampled :

TP-7

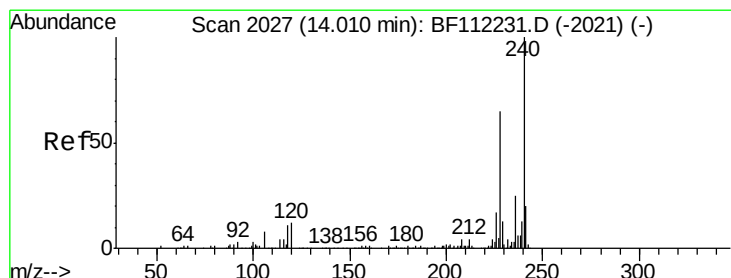
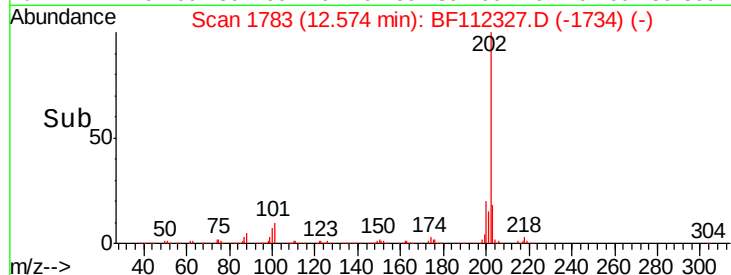
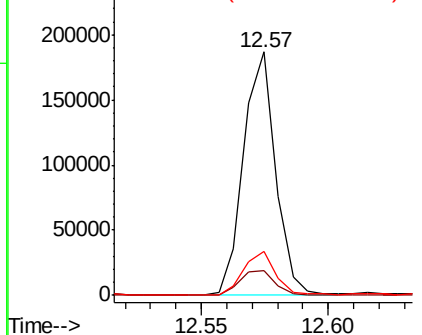
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		165669		
101	10.0	0.0	31.8		
203	18.2	0.0	38.4		

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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

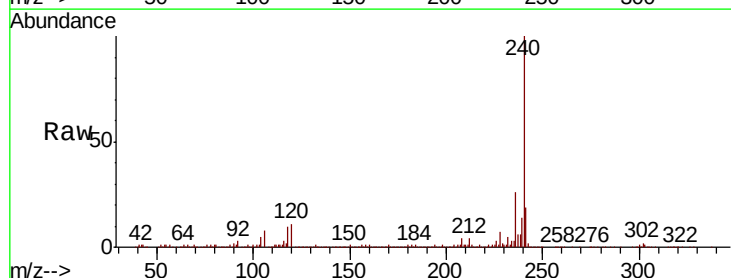
RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

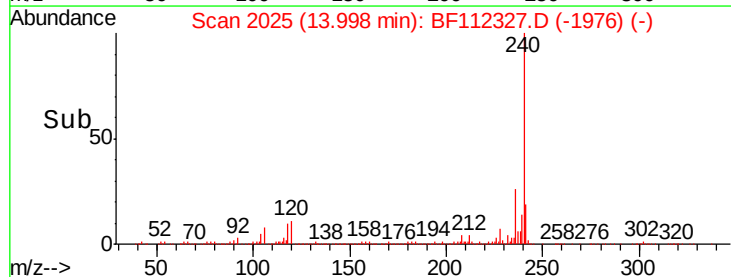
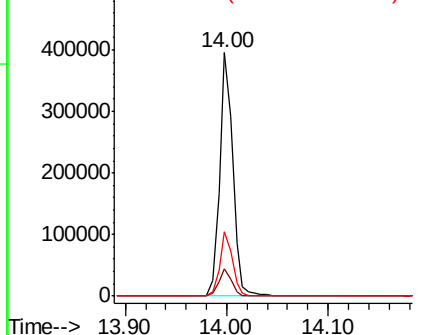
Lab File: BF112327.D

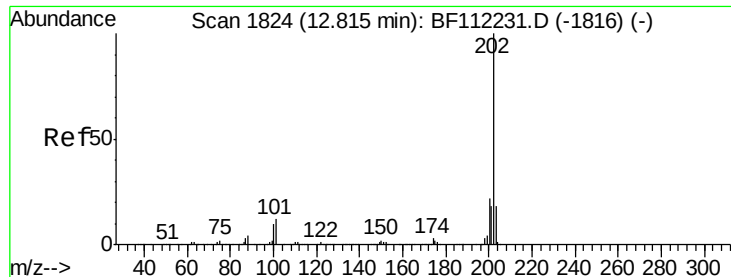
Acq: 30 Jan 2019 17:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		356968		
120	11.2	9.0	13.6		
236	26.3	20.7	31.1		



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

Pvrene

Concen: 6.155 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112327.D

Acq: 30 Jan 2019 17:46

Instrument :

BNA_F

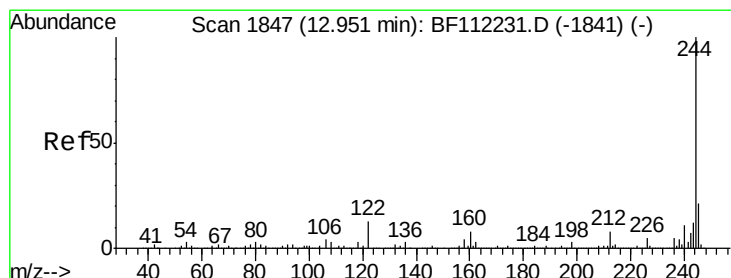
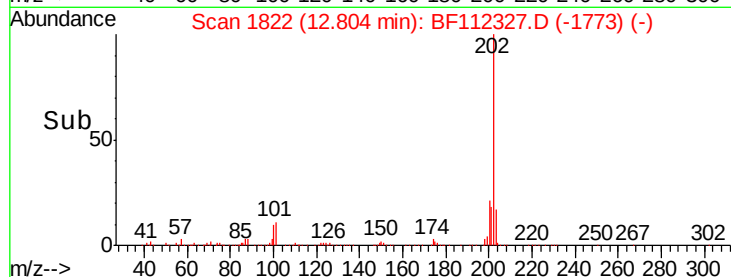
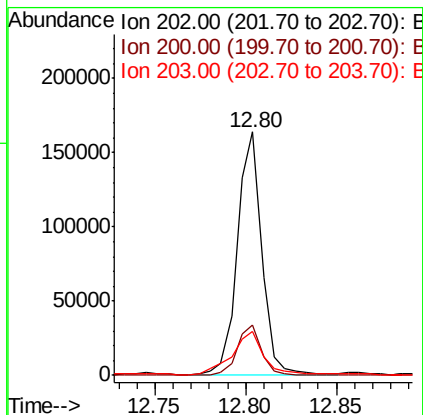
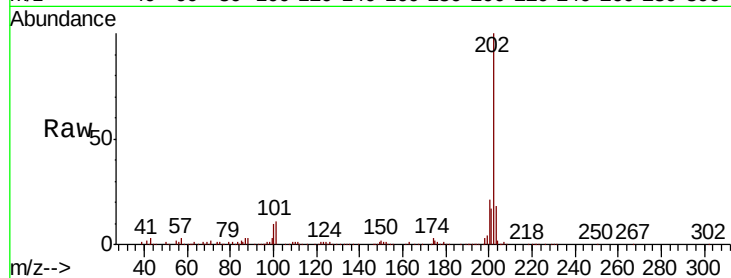
ClientSampleId :

TP-7

Tot Ion:	202	Resp:	152115
Ion Ratio		Lower	Upper
202	100		
200	20.6	17.7	26.5
203	17.8	14.6	22.0

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#79

Terphenyl-d14

Concen: 44.932 ng

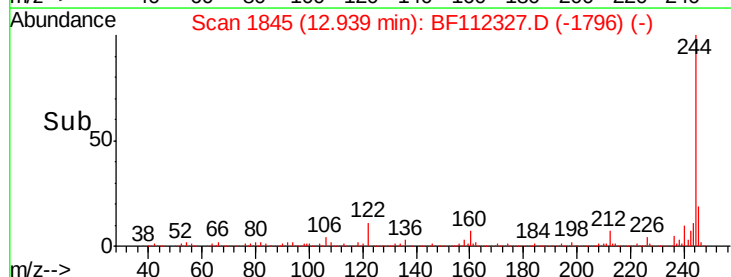
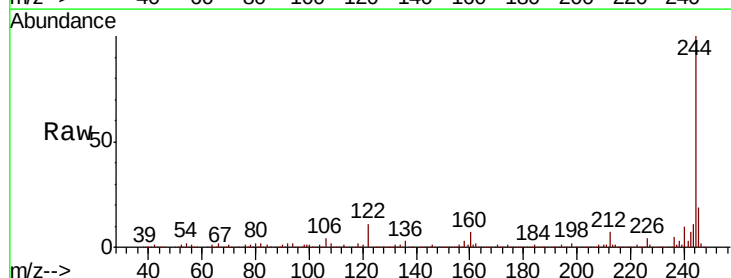
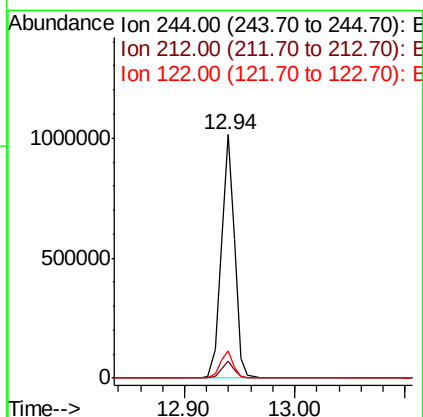
RT: 12.94 min Scan# 1845

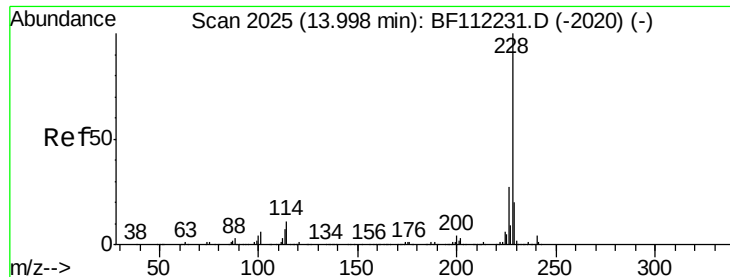
Delta R.T. -0.01 min

Lab File: BF112327.D

Acq: 30 Jan 2019 17:46

Tgt Ion:	244	Resp:	851597
Ion Ratio		Lower	Upper
244	100		
212	6.8	5.9	8.9
122	11.2	9.8	14.6





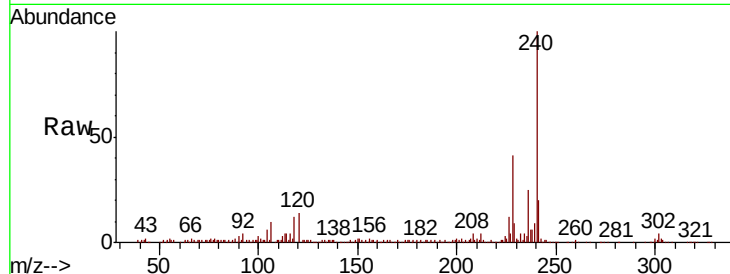
#81
Benzo(a)anthracene
Concen: 3.518 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112327.D
Acq: 30 Jan 2019 17:46

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	34.0
229	21.4	16.5	24.7

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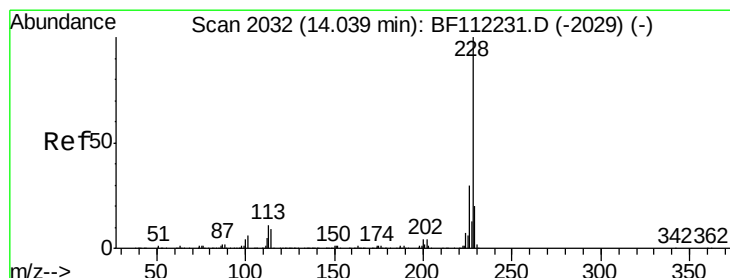
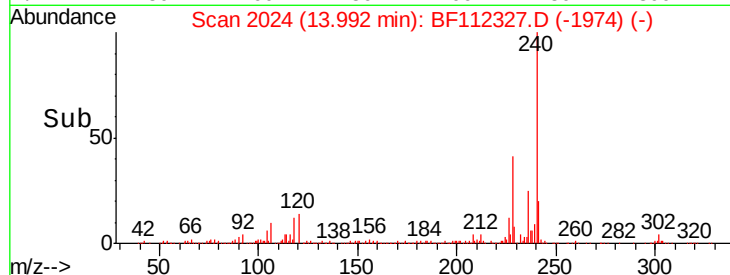
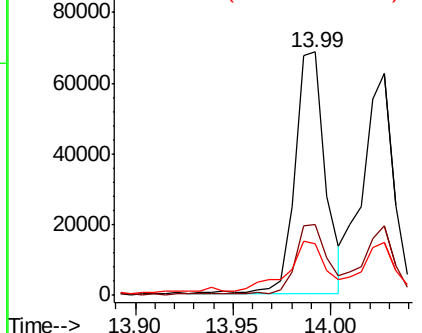


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
Chrysene
Concen: 3.492 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112327.D
Acq: 30 Jan 2019 17:46

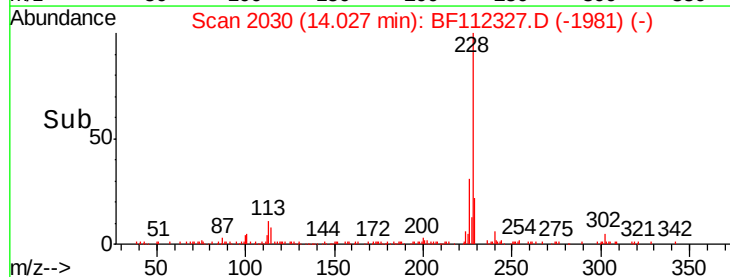
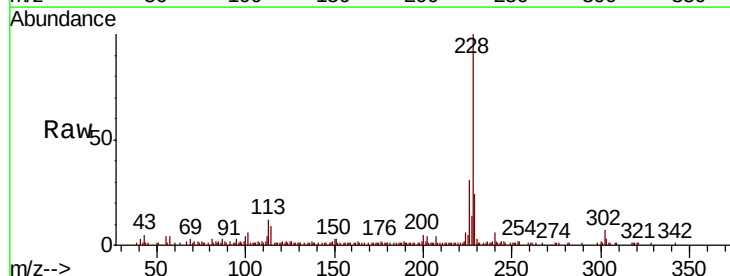
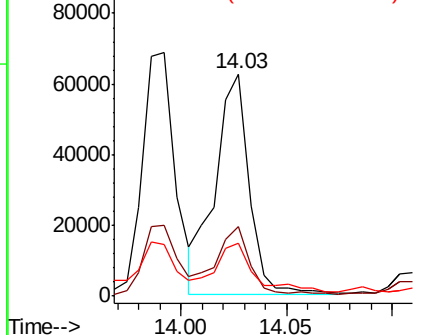
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	23.7	16.6	24.8

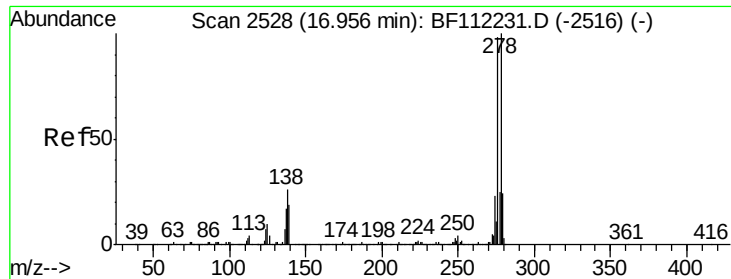
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





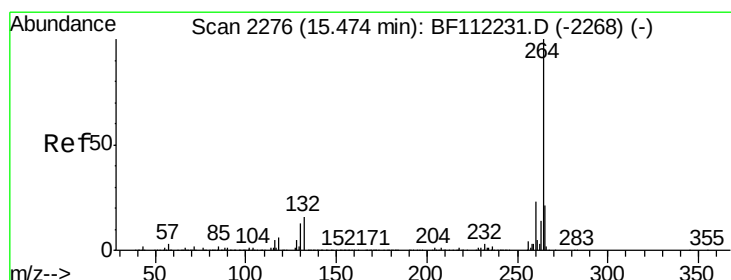
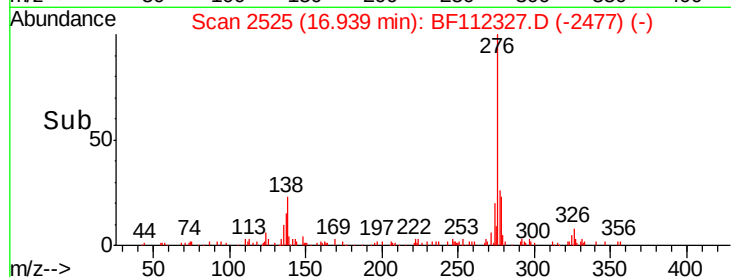
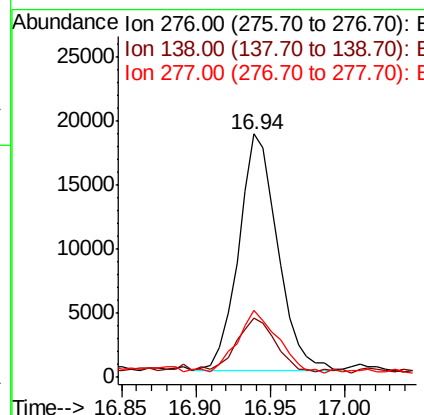
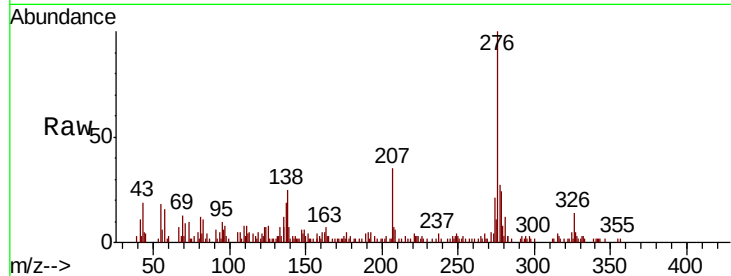
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.102 ng
 RT: 16.94 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BF112327.D
 Acq: 30 Jan 2019 17:46

Instrument :
 BNA_F
 ClientSampled :
 TP-7

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.4	22.6	34.0#
277	27.4	20.3	30.5

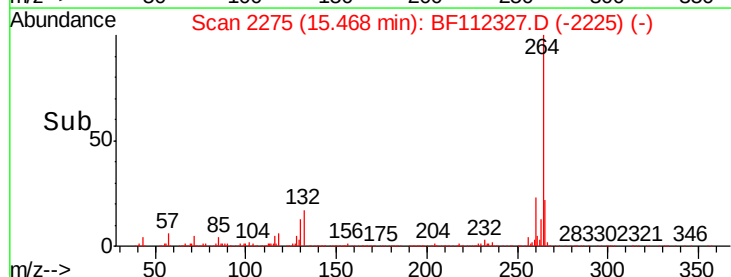
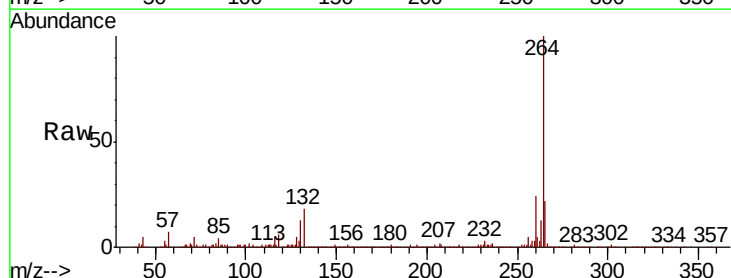
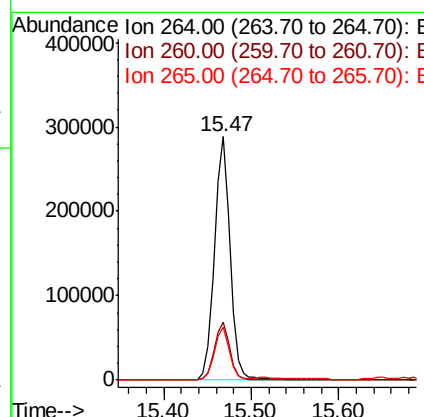
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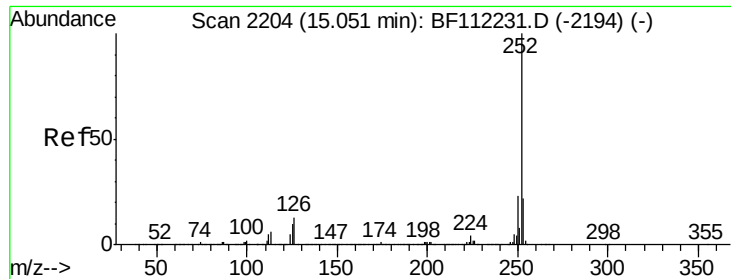
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112327.D
 Acq: 30 Jan 2019 17:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.2
265	21.7	17.0	25.4





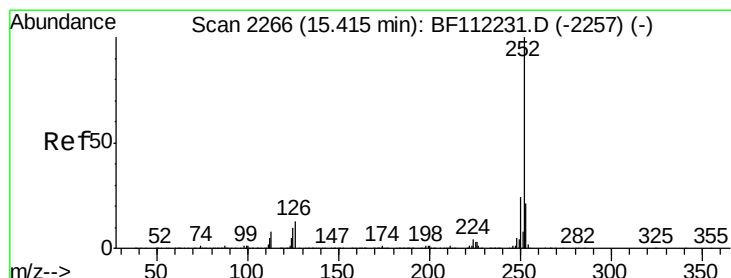
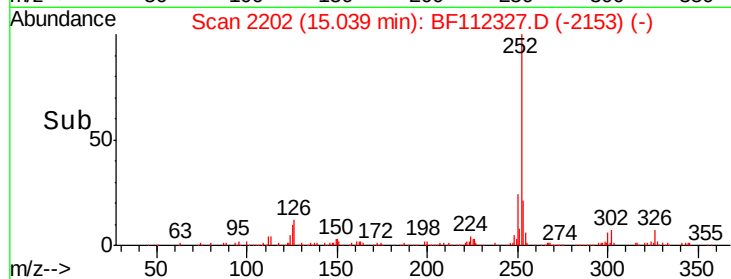
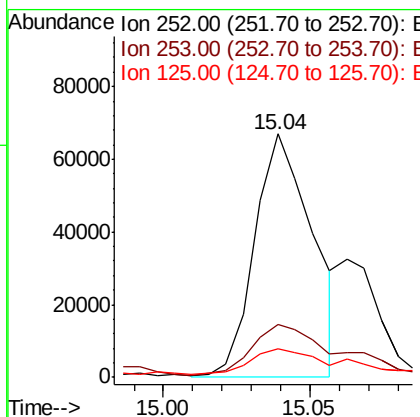
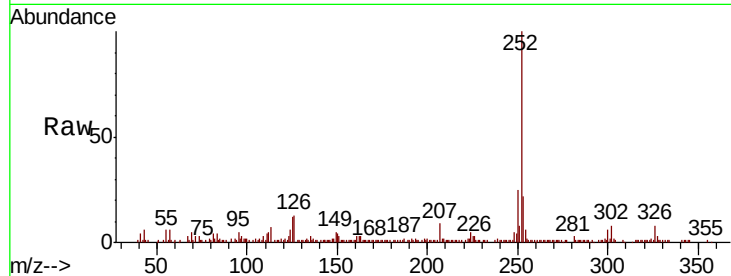
#88
Benzo(b)fluoranthene
Concen: 4.293 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF112327.D
Acq: 30 Jan 2019 17:46

Instrument :
BNA_F
ClientSampled :
TP-7

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	11.7	8.7	13.1

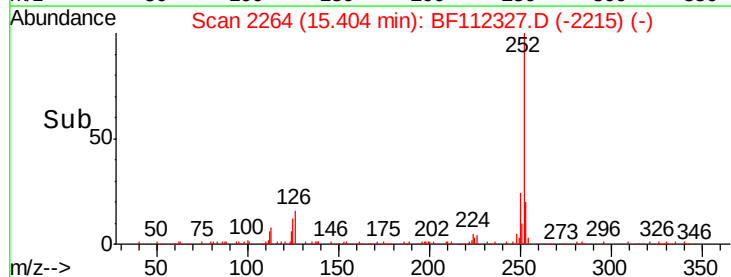
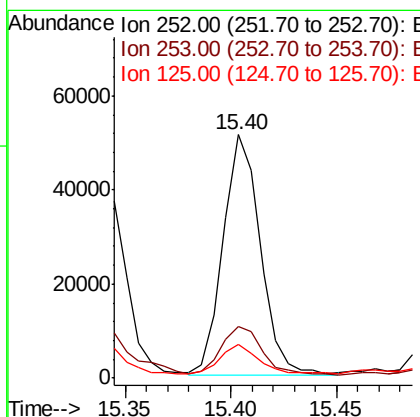
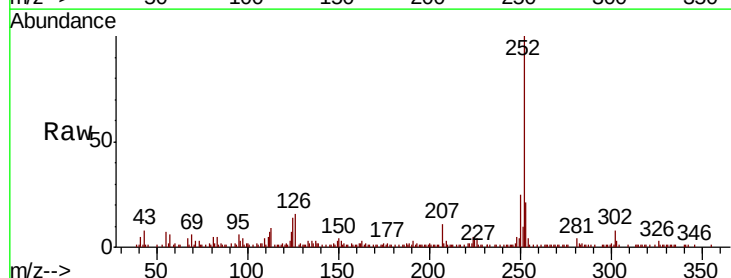
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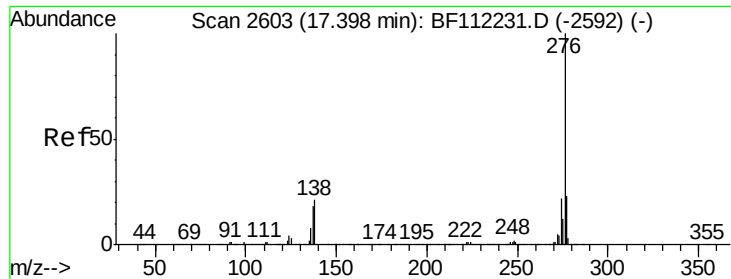
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#90
Benzo(a)pyrene
Concen: 3.245 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF112327.D
Acq: 30 Jan 2019 17:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	13.7	9.0	13.4#





#92
 Benzo(a,h,i)perylene
 Concen: 2.369 ng
 RT: 17.39 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BF112327.D
 Acq: 30 Jan 2019 17:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tot Ion:	276	Resp:	34832
Ion Ratio		Lower	Upper
276	100		
277	24.4	19.4	29.0
138	24.8	19.1	28.7

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