

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112095.D
 Acq On : 17 Jan 2019 17:52
 Operator : JU/SJ
 Sample : K1167-03 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-NORTH-2

Manual Integrations
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Sohil
 1/18/2019 11:45:58 AM

Quant Time: Jan 18 00:52:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	305840	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1150602	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	513992	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	864745	20.00	ng	0.00
76) Chrysene-d12	14.03	240	702360	20.00	ng	0.00
87) Perylene-d12	15.50	264	584301	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	830365	49.28	ng	0.00
7) Phenol-d6	6.50	99	1066677	50.60	ng	0.00
23) Nitrobenzene-d5	7.42	82	613418	36.83	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	255967	46.16	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1107899	31.60	ng	0.00
79) Terphenyl-d14	12.97	244	955917	28.95	ng	0.00
Target Compounds						
10) Phenol	6.52	94	62419	2.709	ng	Qvalue # 73
50) Dimethylphthalate	9.61	163	125218	3.341	ng	97
58) Fluorene	10.45	166	74166	2.185	ng	99
71) Phenanthrene	11.41	178	1019590	23.429	ng	99
72) Anthracene	11.46	178	243608	5.526	ng	96
73) Carbazole	11.62	167	111460	2.524	ng	100
75) Fluoranthene	12.60	202	1480181	32.214	ng	98
78) Pyrene	12.83	202	1363634	29.427	ng	99
81) Benzo(a)anthracene	14.02	228	708872	17.602	ng	99
83) Chrysene	14.06	228	632380	16.595	ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	273973	7.793	ng	95
88) Benzo(b)fluoranthene	15.07	252	740144m	22.315	ng	
89) Benzo(k)fluoranthene	15.10	252	221640m	6.904	ng	
90) Benzo(a)pyrene	15.44	252	504933	16.600	ng	96
91) Dibenzo(a,h)anthracene	16.99	278	72256	2.675	ng	# 89
92) Benzo(g,h,i)perylene	17.43	276	253996	9.543	ng	99

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

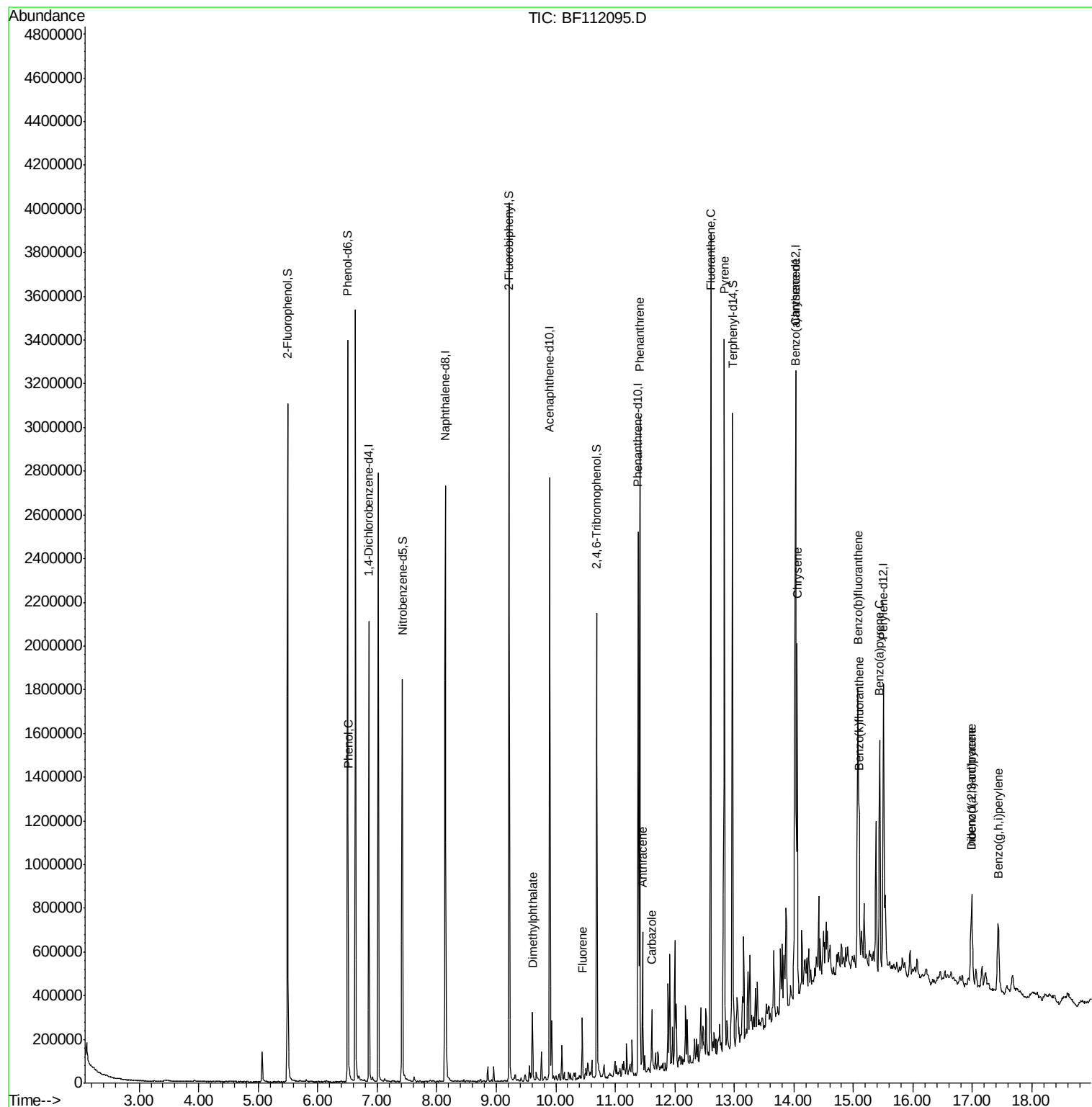
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112095.D
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ALS Vial : 22 Sample Multiplier: 1

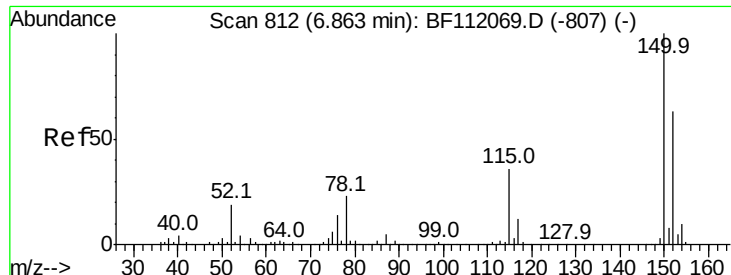
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

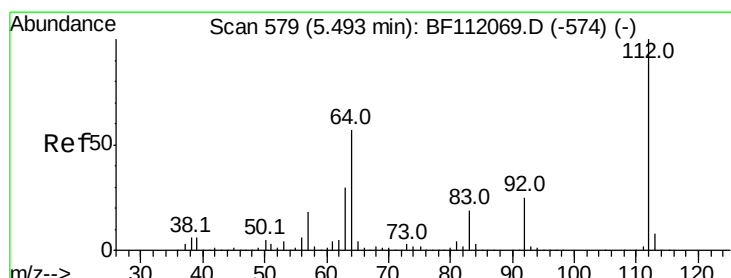
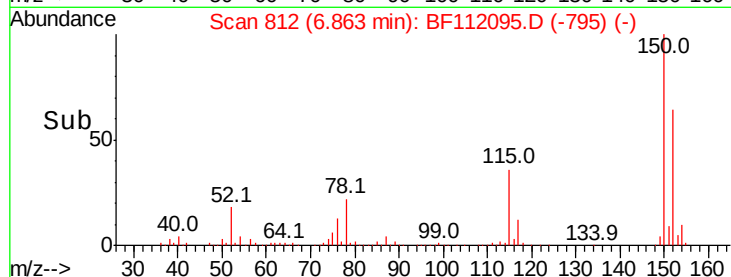
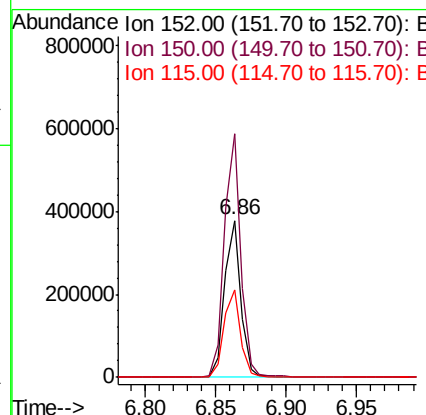
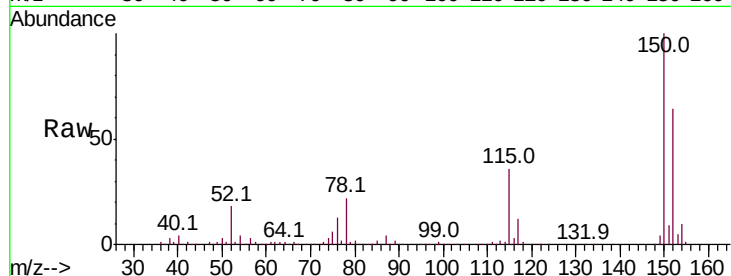
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112095.D
Acq: 17 Jan 2019 17:52

Instrument :
BNA_F
ClientSampled :
JDHS-NORTH-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.4	191.0
115	55.5	45.5	68.3

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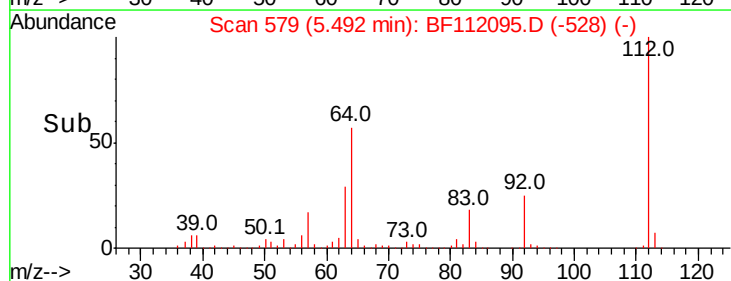
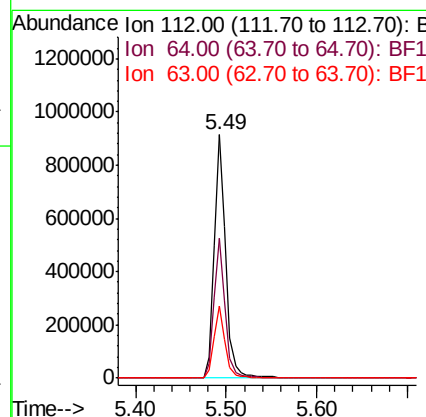
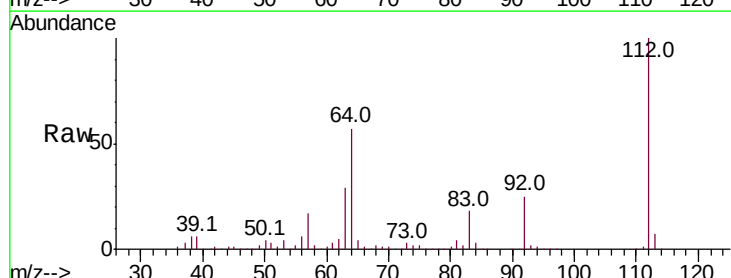
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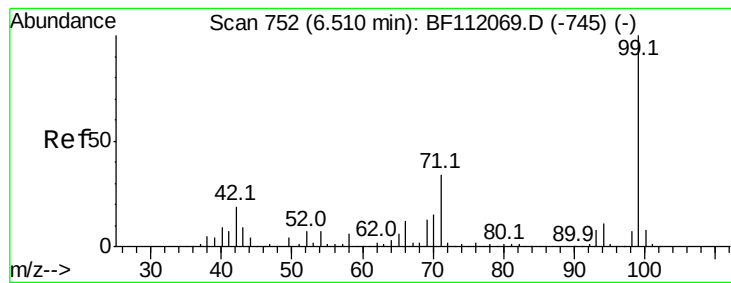


#5

2-Fluorophenol
Concen: 49.279 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF112095.D
Acq: 17 Jan 2019 17:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.7	68.5
63	29.4	23.6	35.4





#7

Phenol-d6

Concen: 50.596 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112095.D

Acq: 17 Jan 2019 17:52

Instrument :

BNA_F

ClientSampleId :

JDHS-NORTH-2

Tot Ion: 99 Resp: 1066677

Ion Ratio Lower Upper

99 100

42 17.7 15.1 22.7

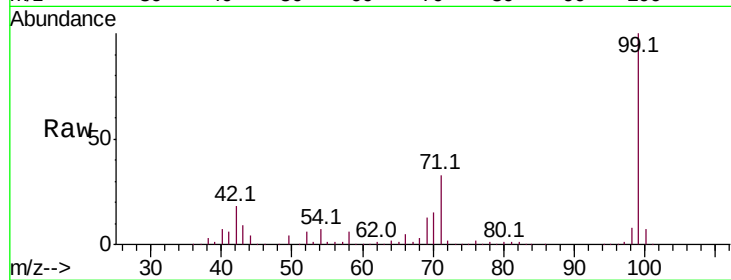
71 33.0 26.9 40.3

Manual Integrations

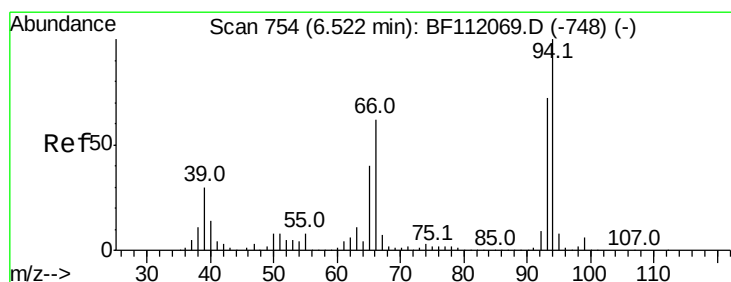
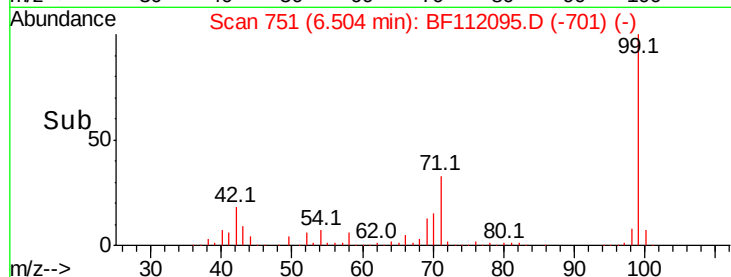
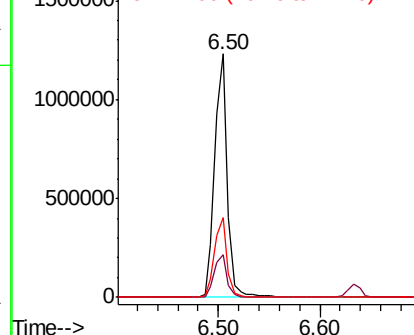
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.709 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112095.D

Acq: 17 Jan 2019 17:52

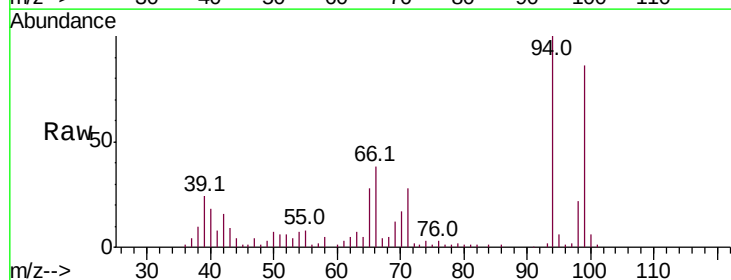
Tgt Ion: 94 Resp: 62419

Ion Ratio Lower Upper

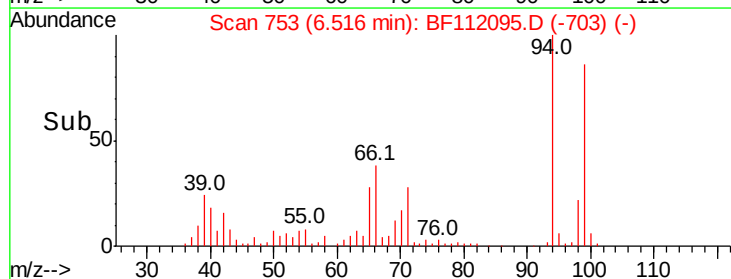
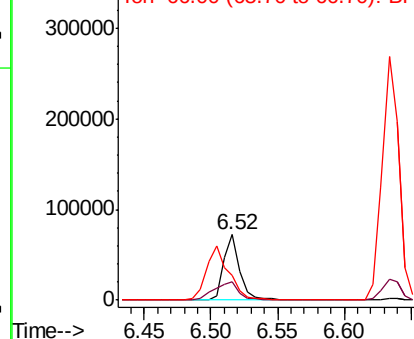
94 100

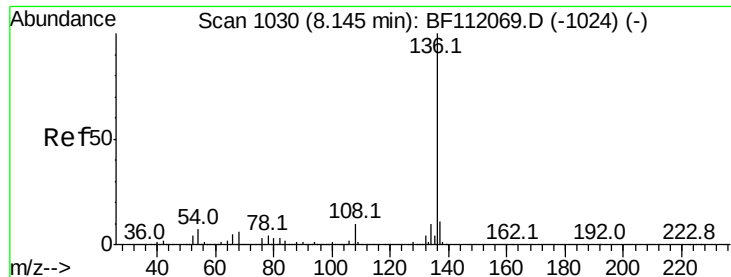
65 27.9 20.3 60.3

66 38.5 42.4 82.4#



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





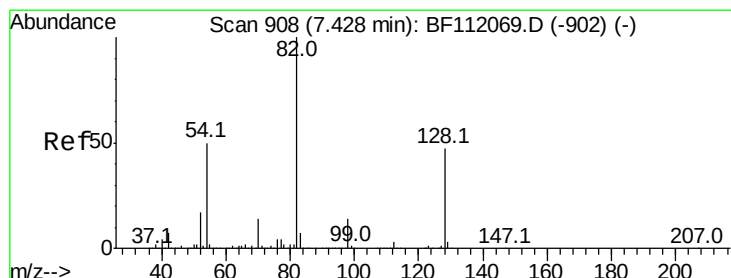
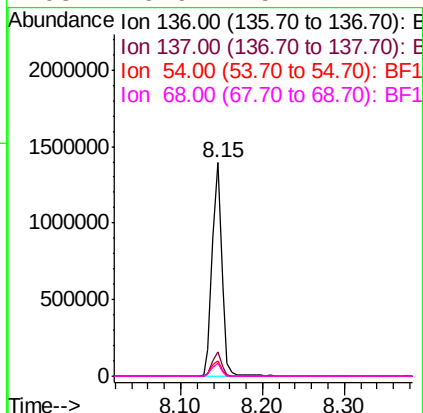
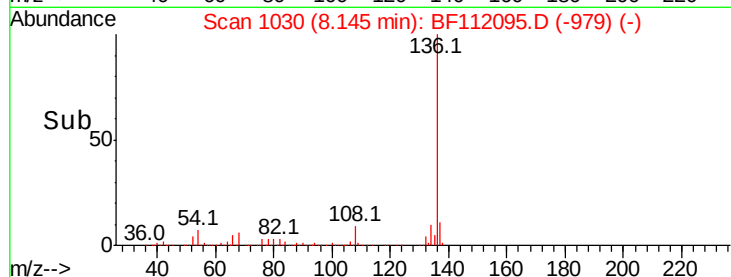
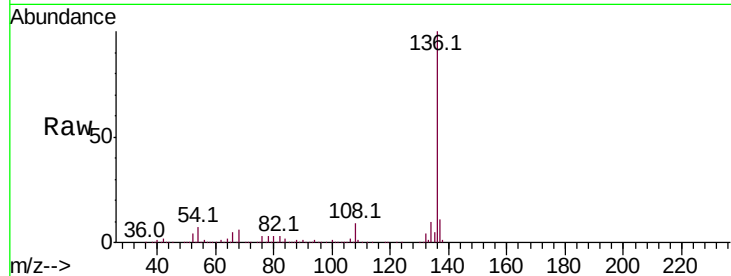
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF112095.D
Acq: 17 Jan 2019 17:52

Instrument :
BNA_F
ClientSampleId :
JDHS-NORTH-2

Tot Ion	136	Resp	1150602
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.9	5.9	8.9
68	5.9	5.1	7.7

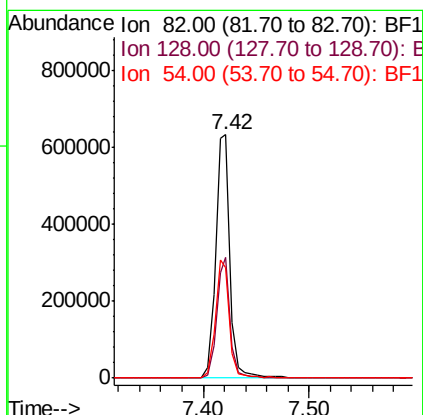
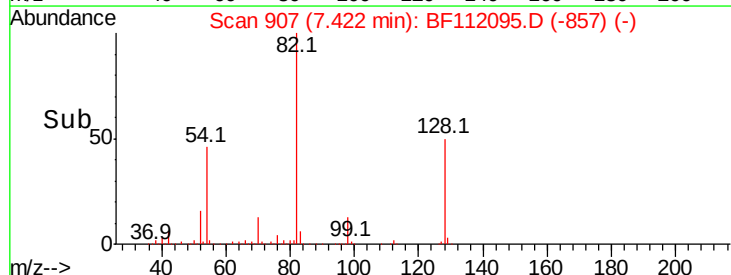
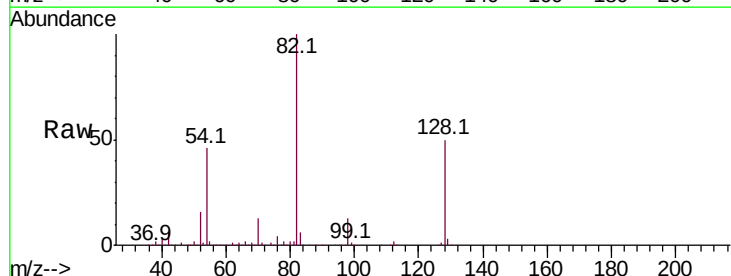
Manual Integrations
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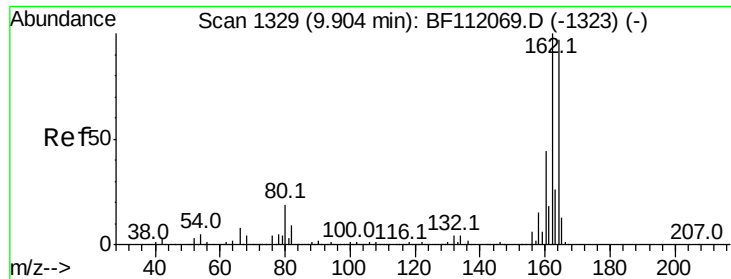
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#23
Nitrobenzene-d5
Concen: 36.833 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112095.D
Acq: 17 Jan 2019 17:52

Tgt Ion	82	Resp	613418
Ion	Ratio	Lower	Upper
82	100		
128	49.5	37.8	56.8
54	45.5	39.7	59.5





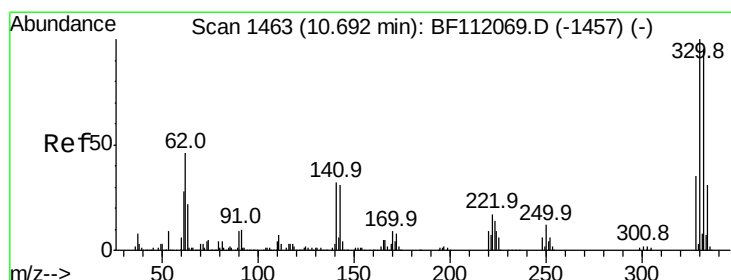
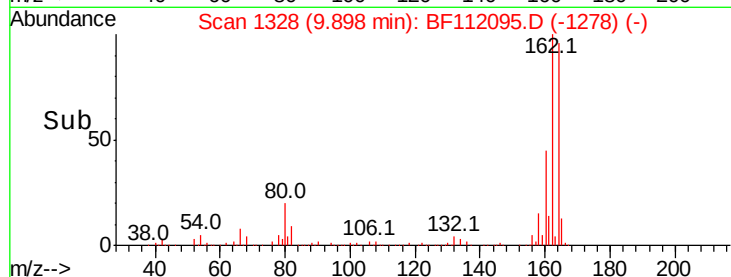
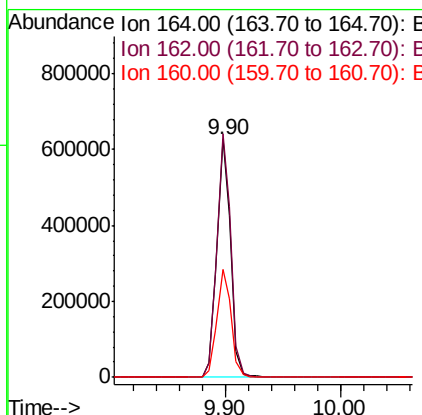
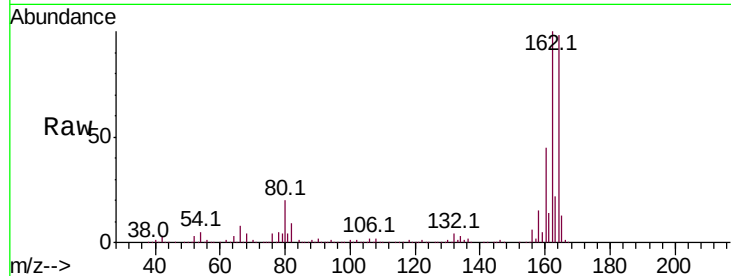
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF112095.D
 Acq: 17 Jan 2019 17:52

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-NORTH-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.2	123.4
160	45.5	36.2	54.4

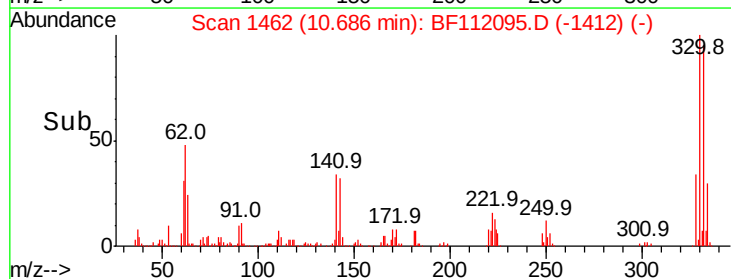
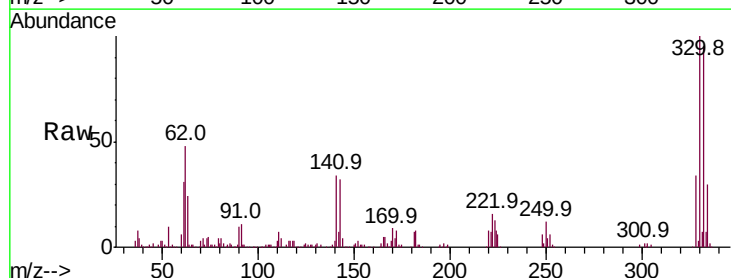
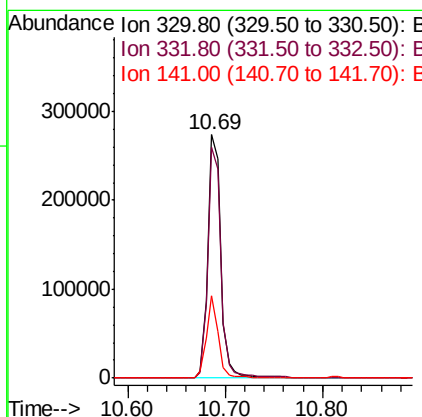
Manual Integrations
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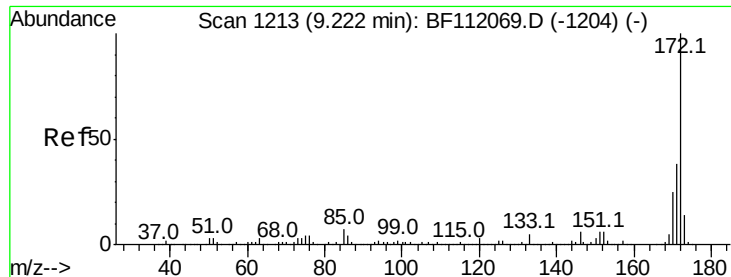
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#42
 2,4,6-Tribromophenol
 Concen: 46.163 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112095.D
 Acq: 17 Jan 2019 17:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	31.0	24.3	36.5





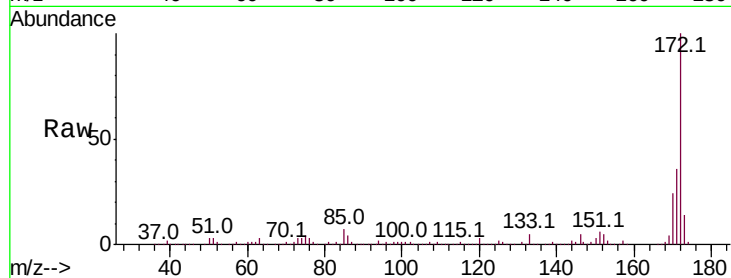
#45
2-Fluorobiphenyl
Concen: 31.602 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF112095.D
Acq: 17 Jan 2019 17:52

Instrument :
BNA_F
ClientSampled :
JDHS-NORTH-2

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.5	45.7
170	23.8	20.2	30.4

Manual Integrations
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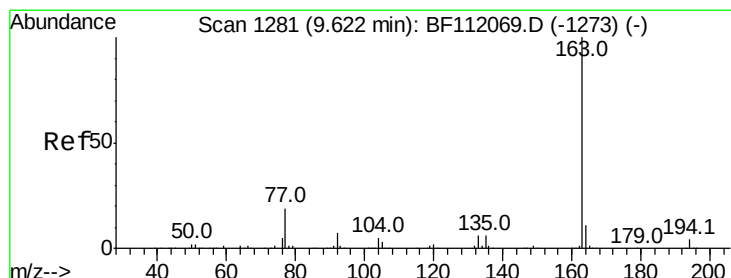
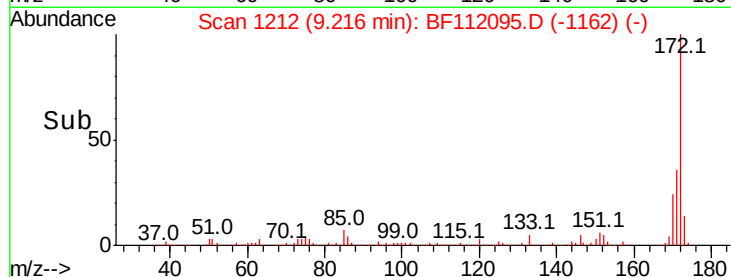
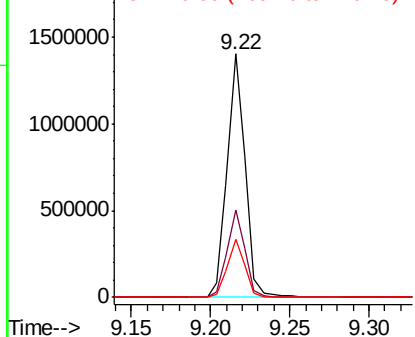


Abundance

Ion 172.00 (171.70 to 172.70): E

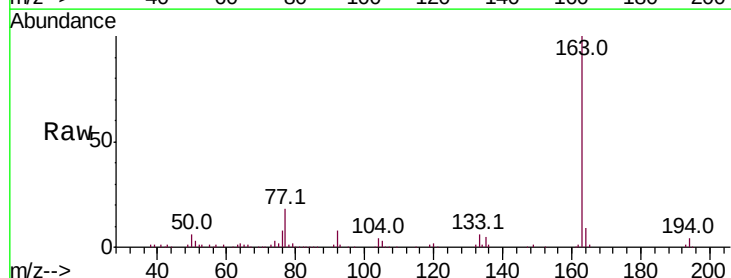
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 3.341 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF112095.D
Acq: 17 Jan 2019 17:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.1	8.5	12.7

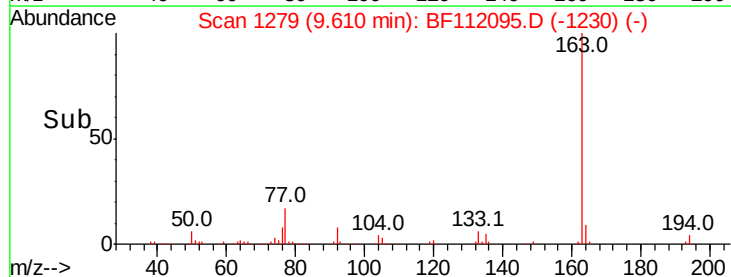
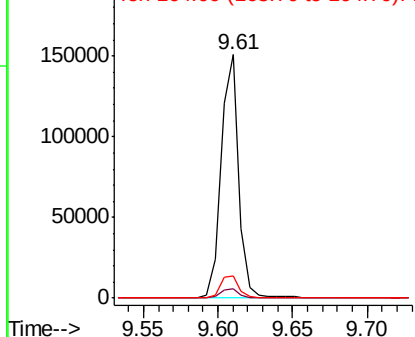


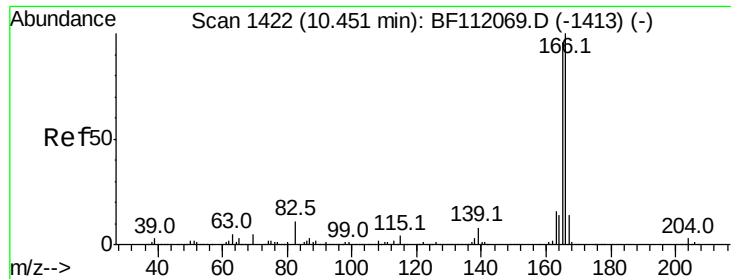
Abundance

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





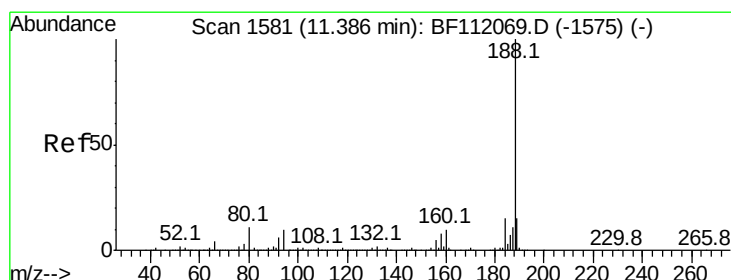
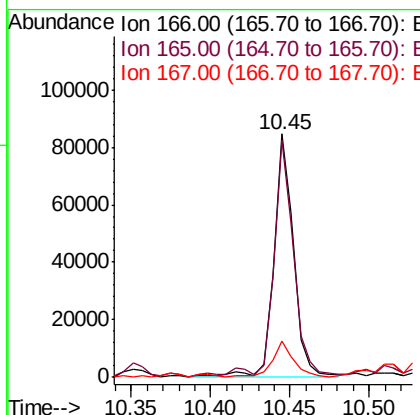
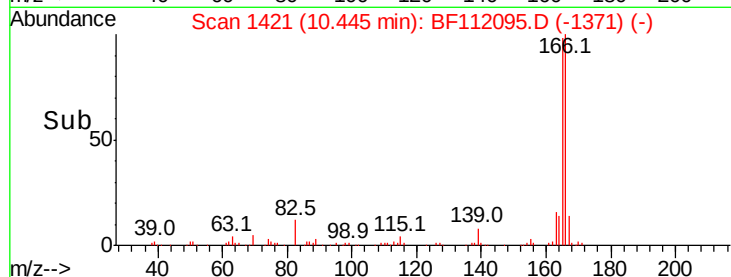
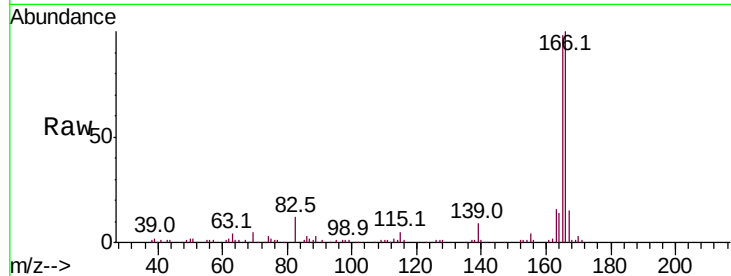
#58
Fluorene
Concen: 2.185 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF112095.D
Acq: 17 Jan 2019 17:52

Instrument :
BNA_F
ClientSampleId :
JDHS-NORTH-2

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.1	115.7
167	15.0	11.3	16.9

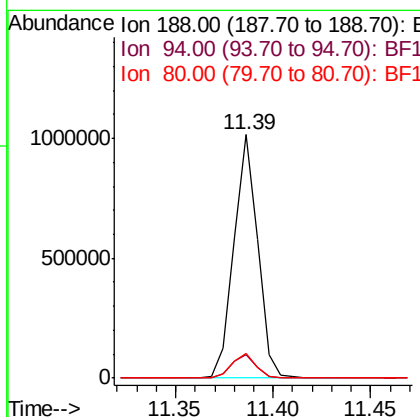
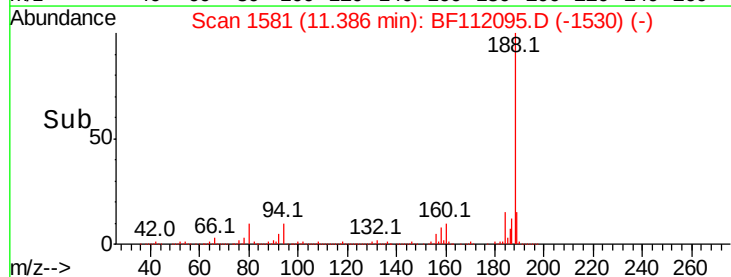
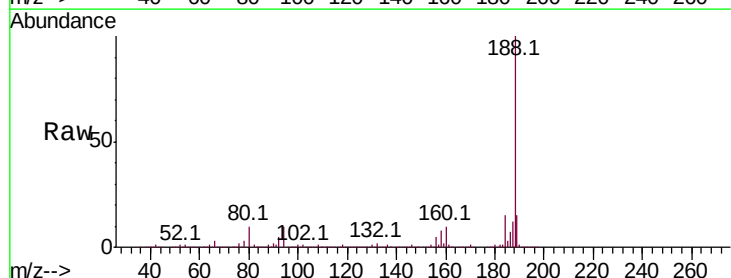
Manual Integrations
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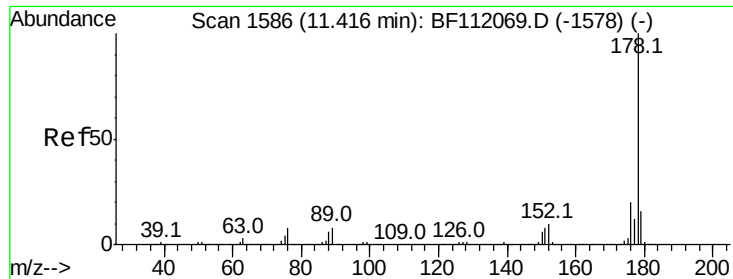
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF112095.D
Acq: 17 Jan 2019 17:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.2	12.2
80	9.9	8.9	13.3





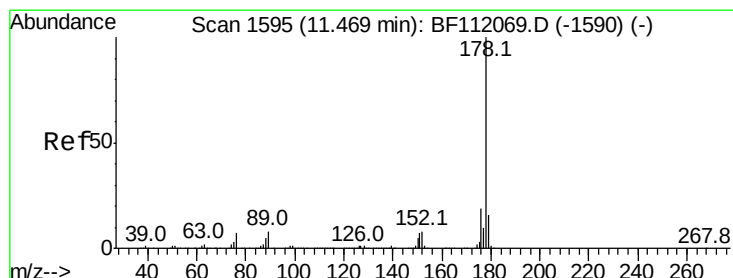
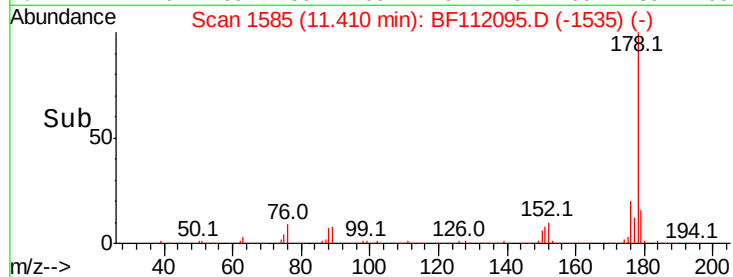
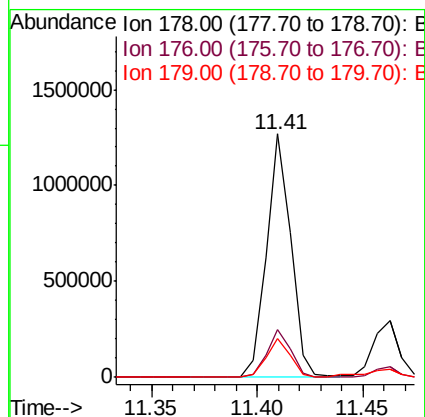
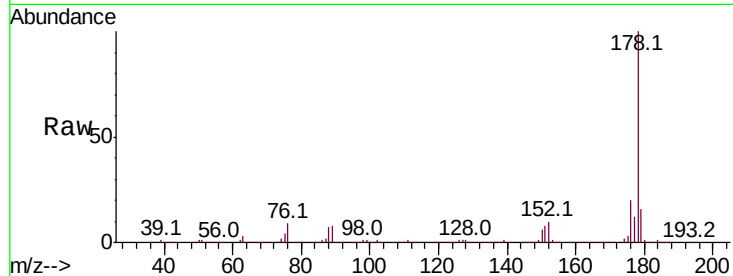
#71
Phenanthrene
Concen: 23.429 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF112095.D
Acq: 17 Jan 2019 17:52

Instrument :
BNA_F
ClientSampleId :
JDHS-NORTH-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.3	24.5
179	15.9	13.0	19.4

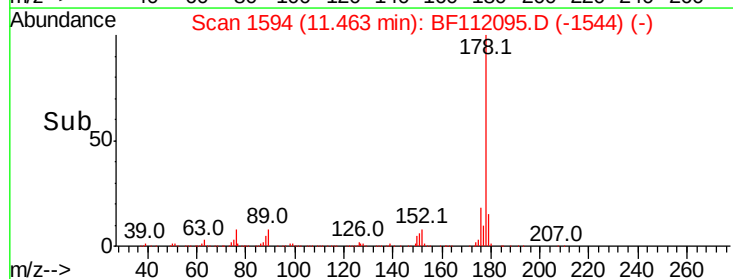
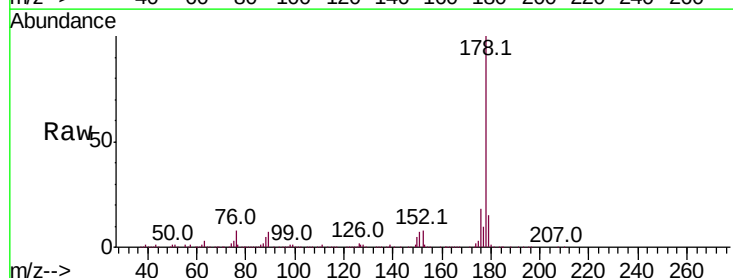
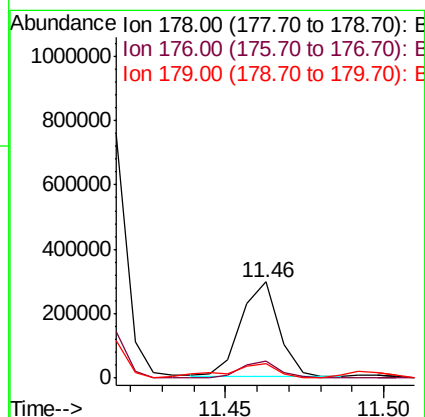
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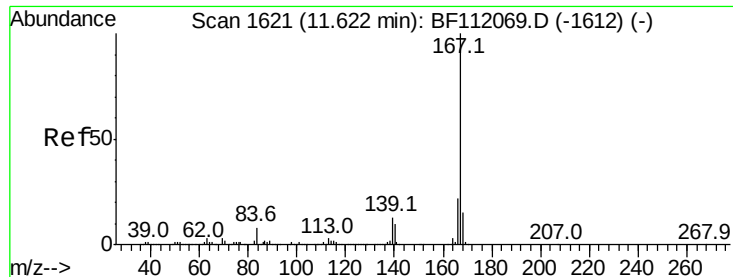
Sohil
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#72
Anthracene
Concen: 5.526 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF112095.D
Acq: 17 Jan 2019 17:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.5	23.3
179	14.7	12.8	19.2





#73

Carbazole

Concen: 2.524 ng

RT: 11.62 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BF112095.D

Acq: 17 Jan 2019 17:52

Instrument :

BNA_F

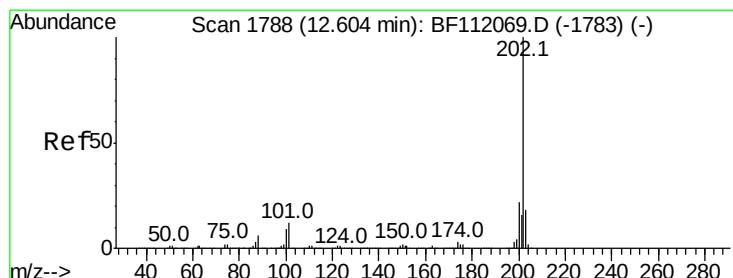
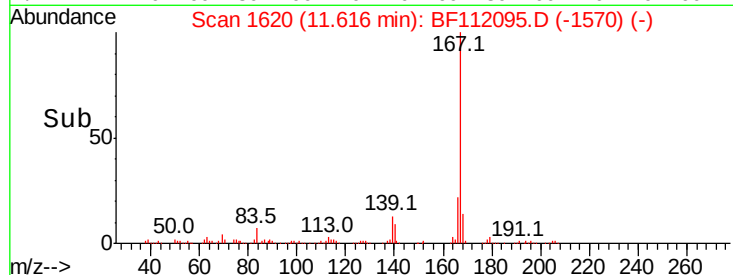
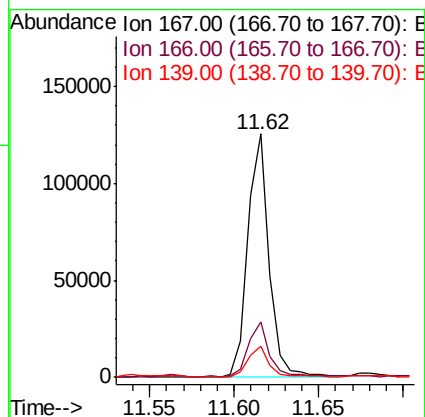
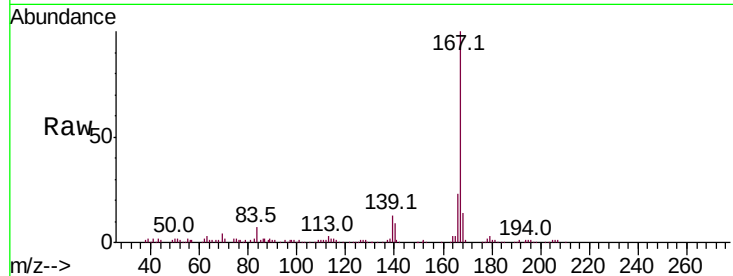
ClientSampleId :

JDHS-NORTH-2

Tot Ion:	167	Resp:	111460
Ion Ratio	Lower	Upper	
167	100		
166	22.5	17.9	26.9
139	12.7	10.2	15.2

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#75

Fluoranthene

Concen: 32.214 ng

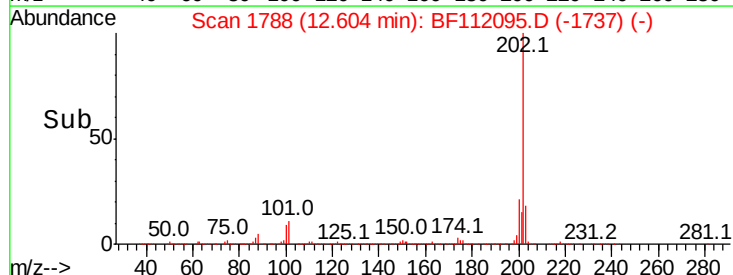
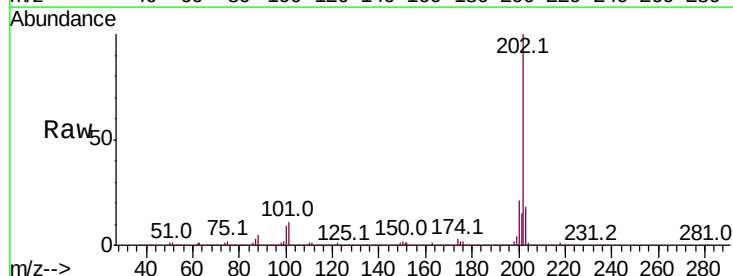
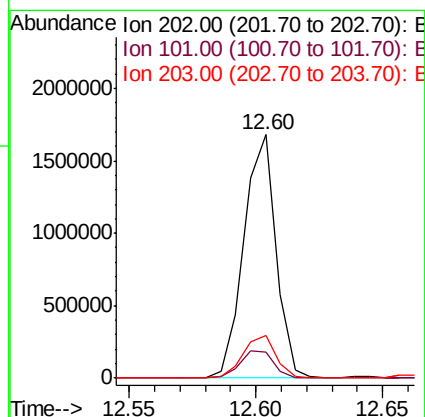
RT: 12.60 min Scan# 1788

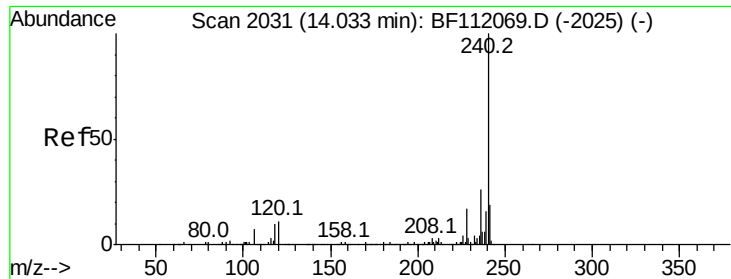
Delta R.T. -0.00 min

Lab File: BF112095.D

Acq: 17 Jan 2019 17:52

Tgt Ion:	202	Resp:	1480181
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	31.8
203	17.7	0.0	38.4





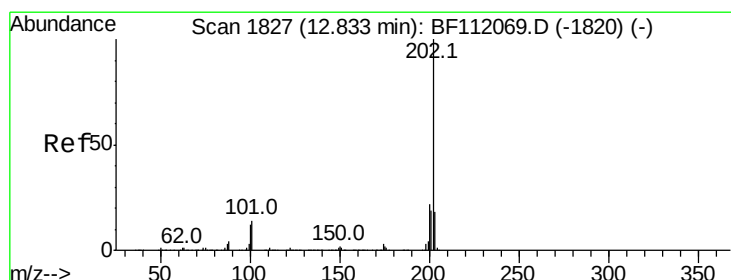
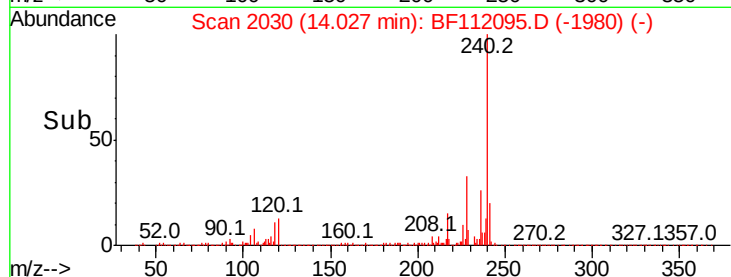
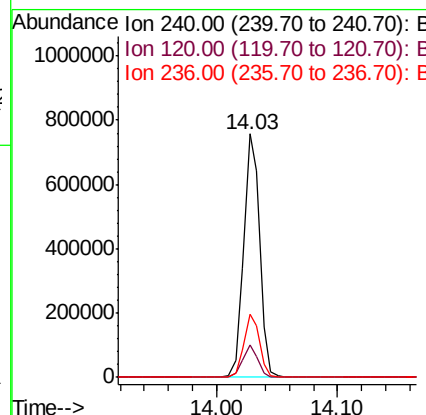
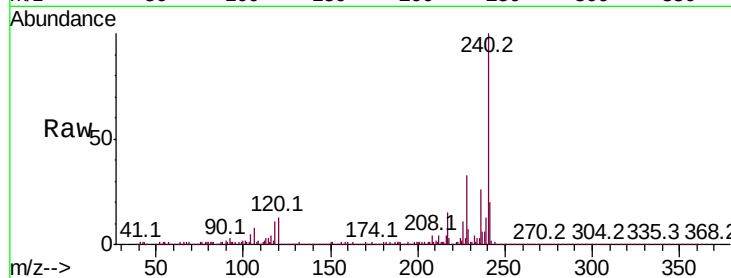
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112095.D
Acq: 17 Jan 2019 17:52

Instrument :
BNA_F
ClientSampleId :
JDHS-NORTH-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.0	13.6
236	25.8	20.7	31.1

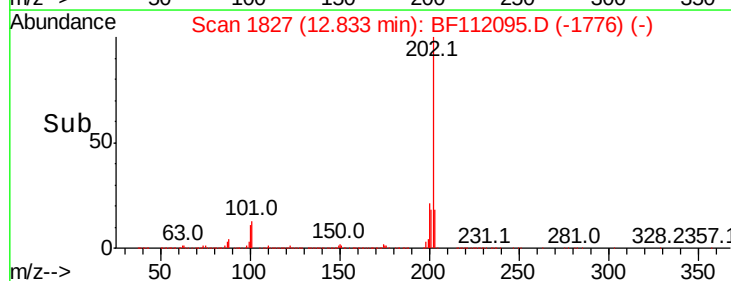
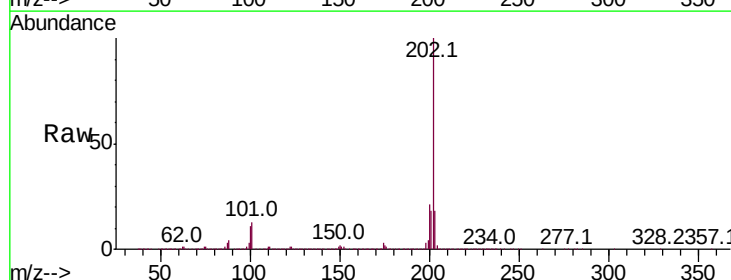
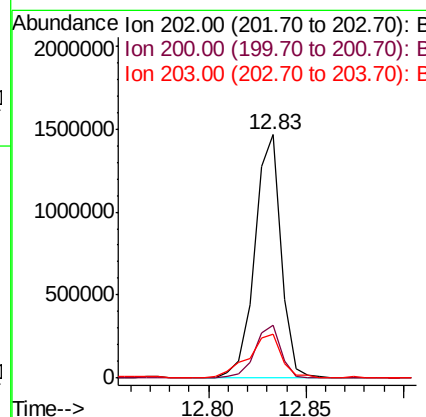
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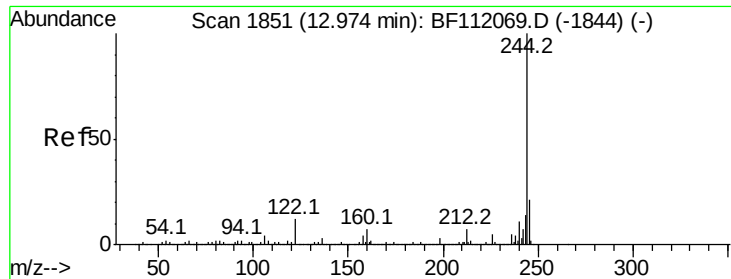
Sohil
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#78
Pyrene
Concen: 29.427 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF112095.D
Acq: 17 Jan 2019 17:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	18.0	14.6	22.0





#79

Terphenyl-d14

Concen: 28.954 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF112095.D

Acq: 17 Jan 2019 17:52

Instrument :

BNA_F

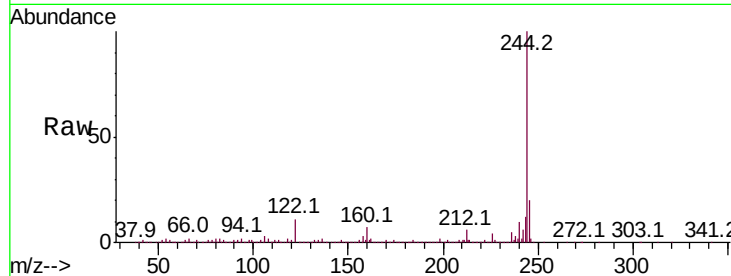
ClientSampleId :

JDHS-NORTH-2

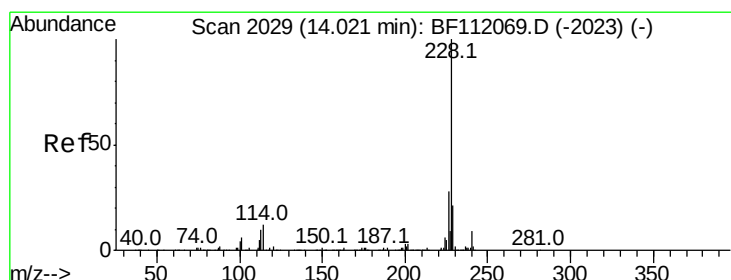
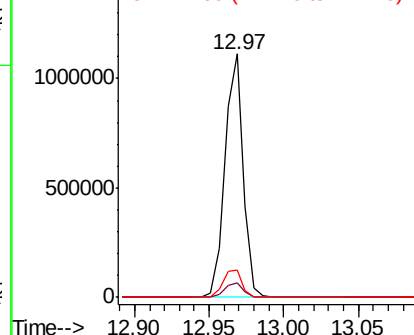
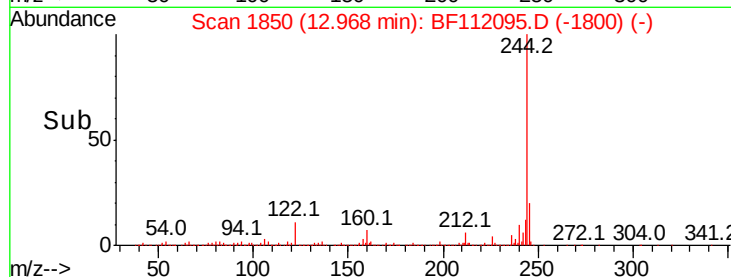
Tot Ion:	244	Resp:	955917
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.9	8.9
122	11.2	9.8	14.6

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Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 17.602 ng

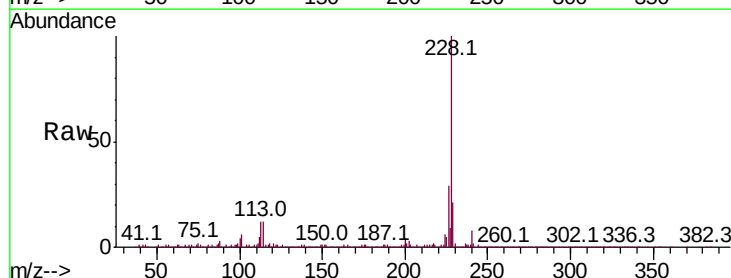
RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

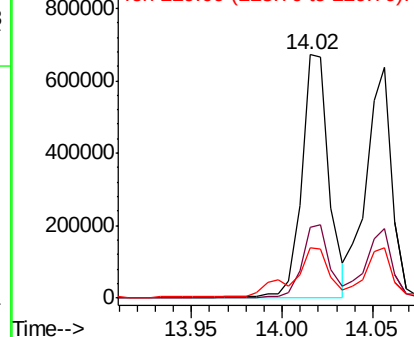
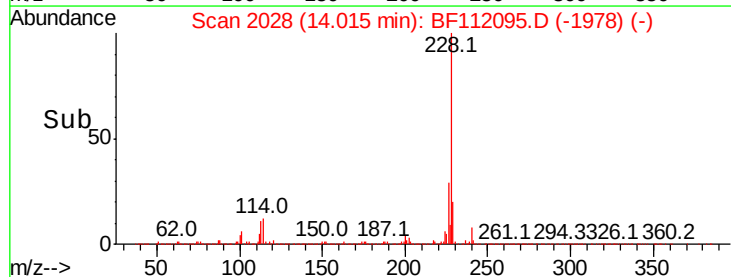
Lab File: BF112095.D

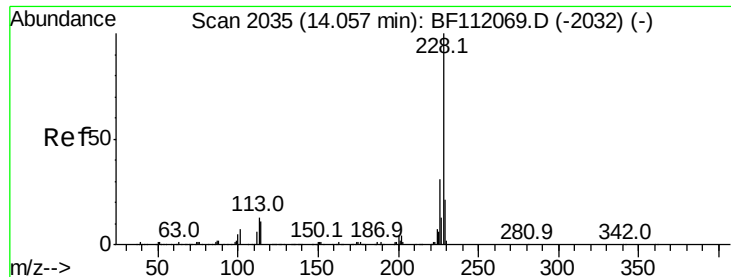
Acq: 17 Jan 2019 17:52

Tgt Ion:	228	Resp:	708872
Ion Ratio	Lower	Upper	
228	100		
226	29.2	22.6	34.0
229	20.7	16.5	24.7



Abundance Ion 228.00 (227.70 to 228.70): E
800000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 16.595 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF112095.D

Acq: 17 Jan 2019 17:52

Instrument :

BNA_F

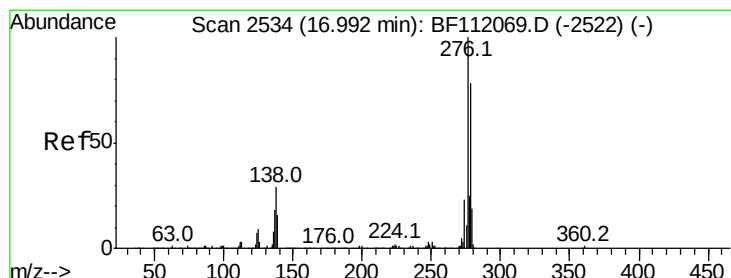
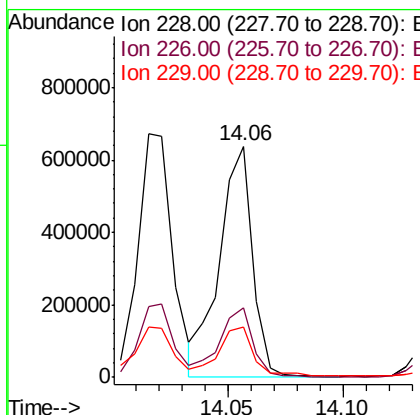
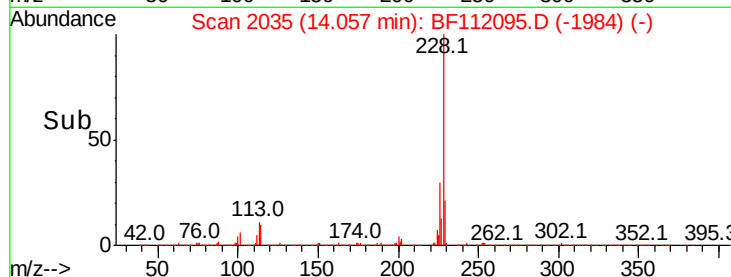
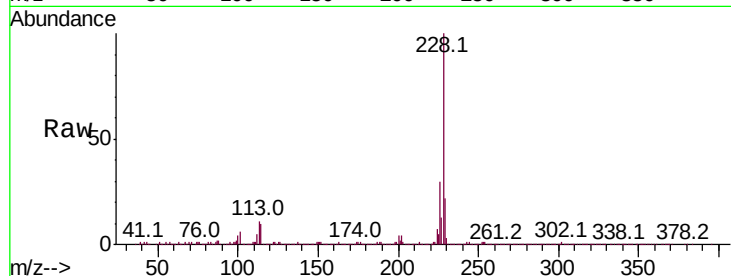
ClientSampleId :

JDHS-NORTH-2

Tot Ion:	228	Resp:	632380
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.0	37.6
229	21.9	16.6	24.8

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#86

Indeno(1,2,3-cd)pyrene

Concen: 7.793 ng

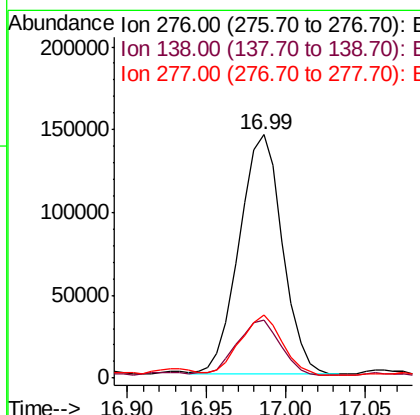
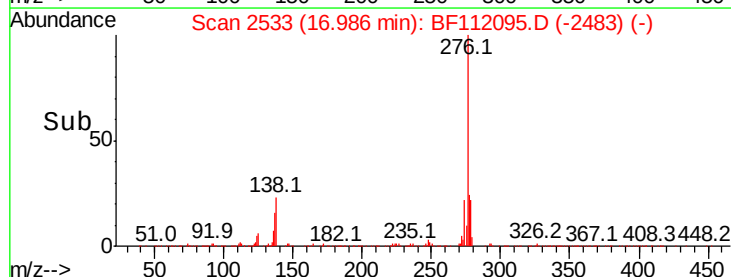
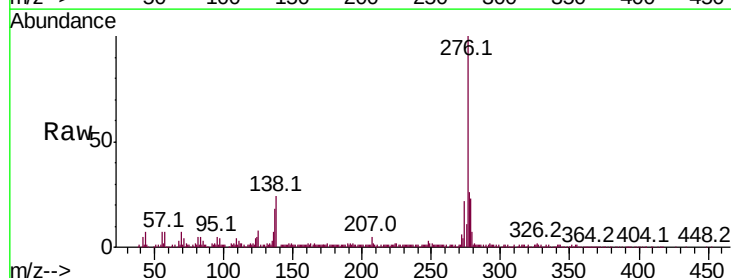
RT: 16.99 min Scan# 2533

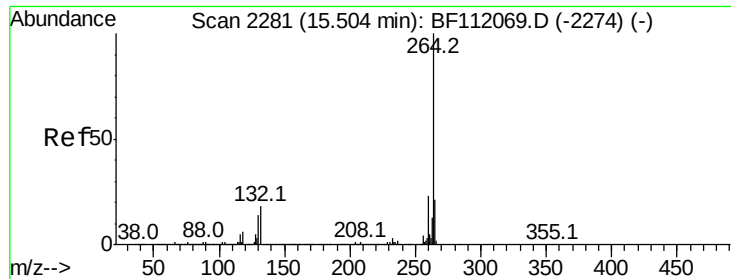
Delta R.T. -0.01 min

Lab File: BF112095.D

Acq: 17 Jan 2019 17:52

Tgt Ion:	276	Resp:	273973
Ion Ratio	Lower	Upper	
276	100		
138	23.9	22.6	34.0
277	24.7	20.3	30.5





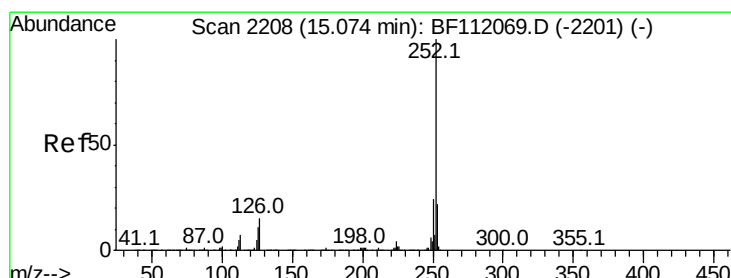
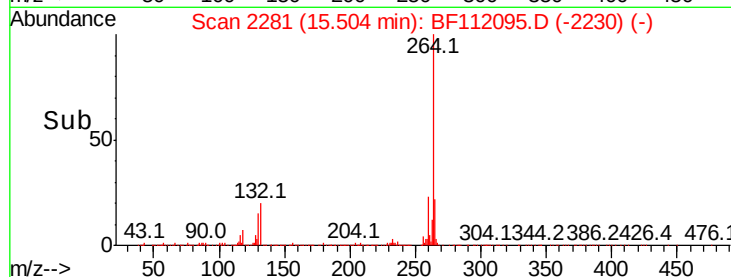
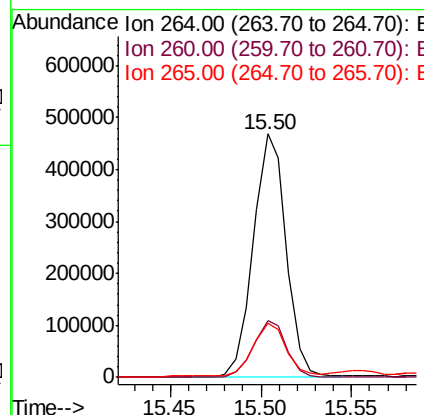
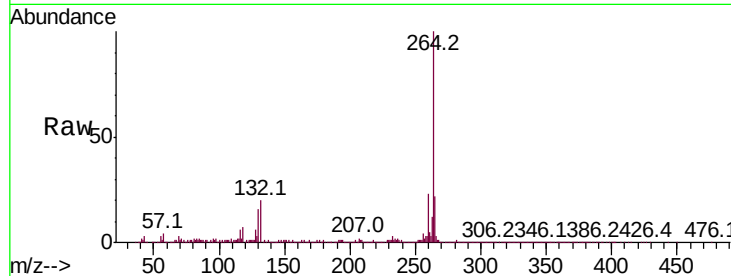
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF112095.D
Acq: 17 Jan 2019 17:52

Instrument :
BNA_F
ClientSampleId :
JDHS-NORTH-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	22.3	17.0	25.4

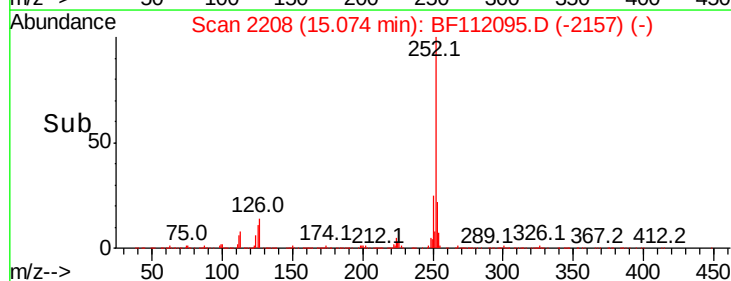
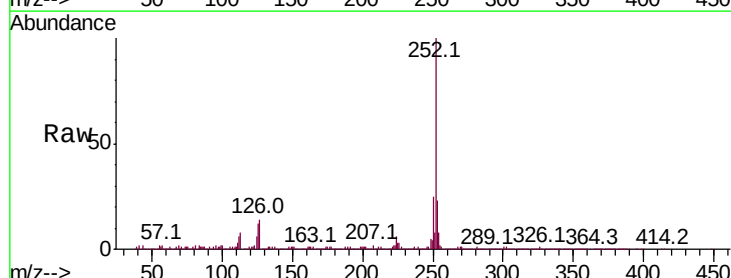
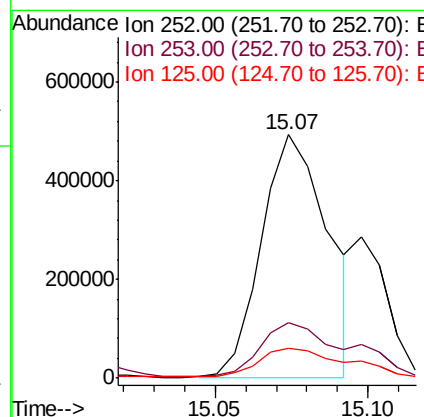
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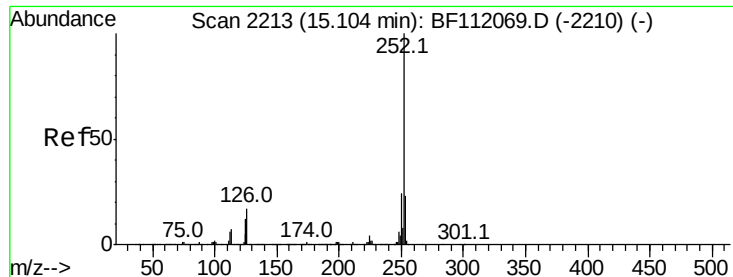
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#88
Benzo(b)fluoranthene
Concen: 22.315 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF112095.D
Acq: 17 Jan 2019 17:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	12.1	8.7	13.1





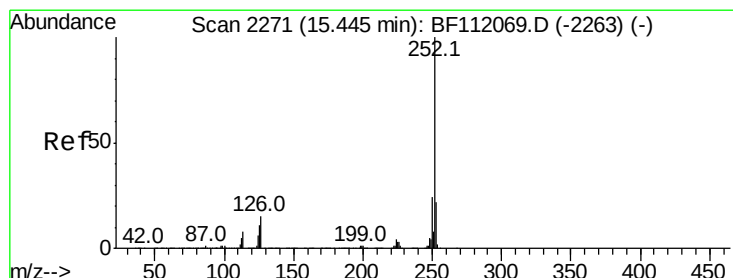
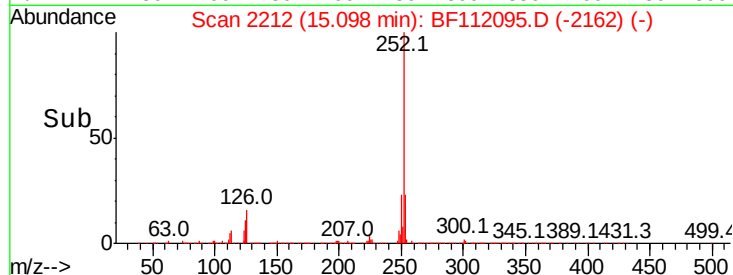
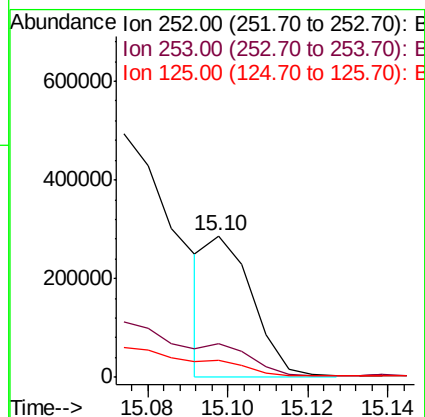
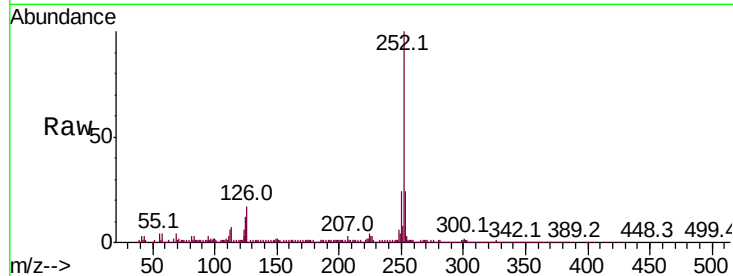
#89
Benzo(k)fluoranthene
Concen: 6.904 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF112095.D
Acq: 17 Jan 2019 17:52

Instrument :
BNA_F
ClientSampleId :
JDHS-NORTH-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	12.2	9.1	13.7

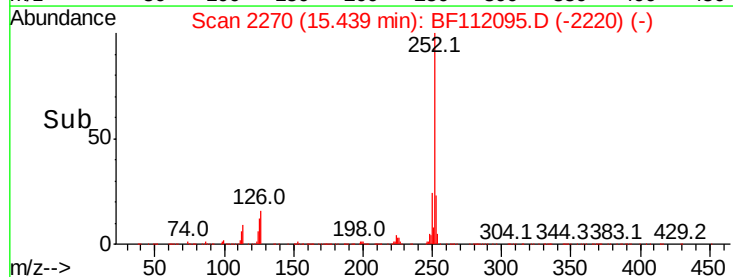
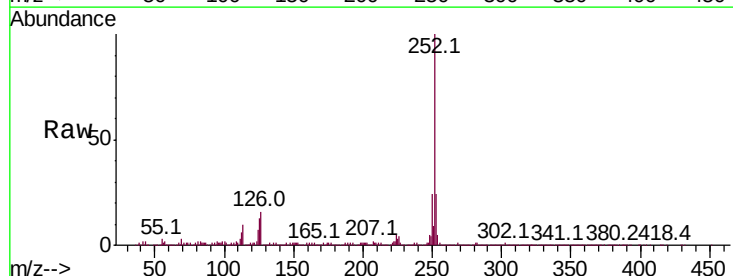
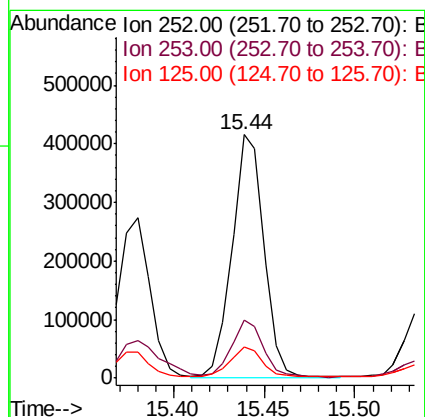
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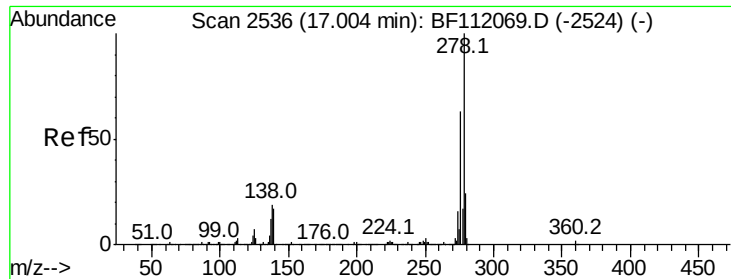
Sohil
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#90
Benzo(a)pyrene
Concen: 16.600 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF112095.D
Acq: 17 Jan 2019 17:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	12.8	9.0	13.4





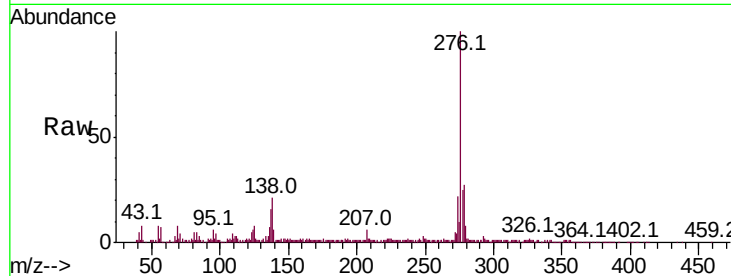
#91
Dibenzo(a,h)anthracene
Concen: 2.675 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF112095.D
Acq: 17 Jan 2019 17:52

Instrument :
BNA_F
ClientSampleId :
JDHS-NORTH-2

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.5	13.7	20.5#
279	28.9	19.0	28.6#

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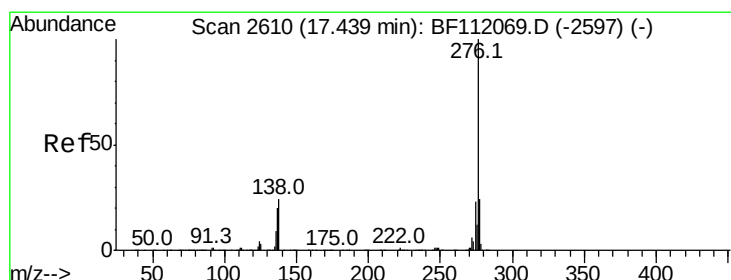
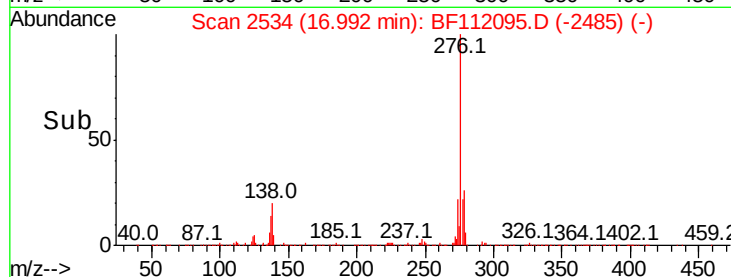
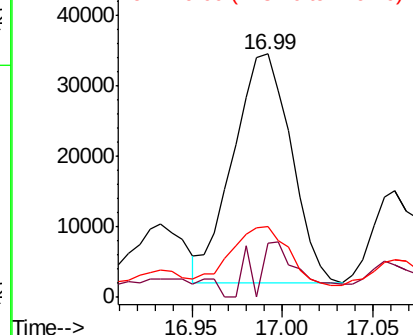


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 9.543 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BF112095.D
Acq: 17 Jan 2019 17:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.0
138	24.5	19.1	28.7

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

