

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
 Data File : BF112293.D
 Acq On : 29 Jan 2019 14:20
 Operator : JU/SJ
 Sample : K1008-03 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-012819

Manual Integrations
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mohammad
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Quant Time: Jan 30 00:21:10 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	6.83	152	173711	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	673157	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	321217	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	584007	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	380850	20.00	ng	-0.01
87) Perylene-d12	15.47	264	410929	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	552872	67.60	ng	-0.01
7) Phenol-d6	6.48	99	692952	60.98	ng	-0.01
23) Nitrobenzene-d5	7.40	82	423416	36.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	197673	52.87	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	843990	37.16	ng	-0.01
79) Terphenyl-d14	12.94	244	694298	34.34	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	43763	3.510	ng	85
50) Dimethylphthalate	9.59	163	53288	2.135	ng	98
71) Phenanthrene	11.38	178	127696	4.206	ng	97
75) Fluoranthene	12.57	202	212587	6.528	ng	97
78) Pyrene	12.80	202	214953	8.152	ng	98
81) Benzo(a)anthracene	13.99	228	95335	4.258	ng	98
83) Chrysene	14.03	228	96889	4.534	ng	97
86) Indeno(1,2,3-cd)pyrene	16.94	276	48304	2.853	ng	# 93
88) Benzo(b)fluoranthene	15.04	252	110459m	4.495	ng	
90) Benzo(a)pyrene	15.40	252	89891	4.065	ng	# 94
92) Benzo(g,h,i)perylene	17.39	276	45899	2.730	ng	98

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

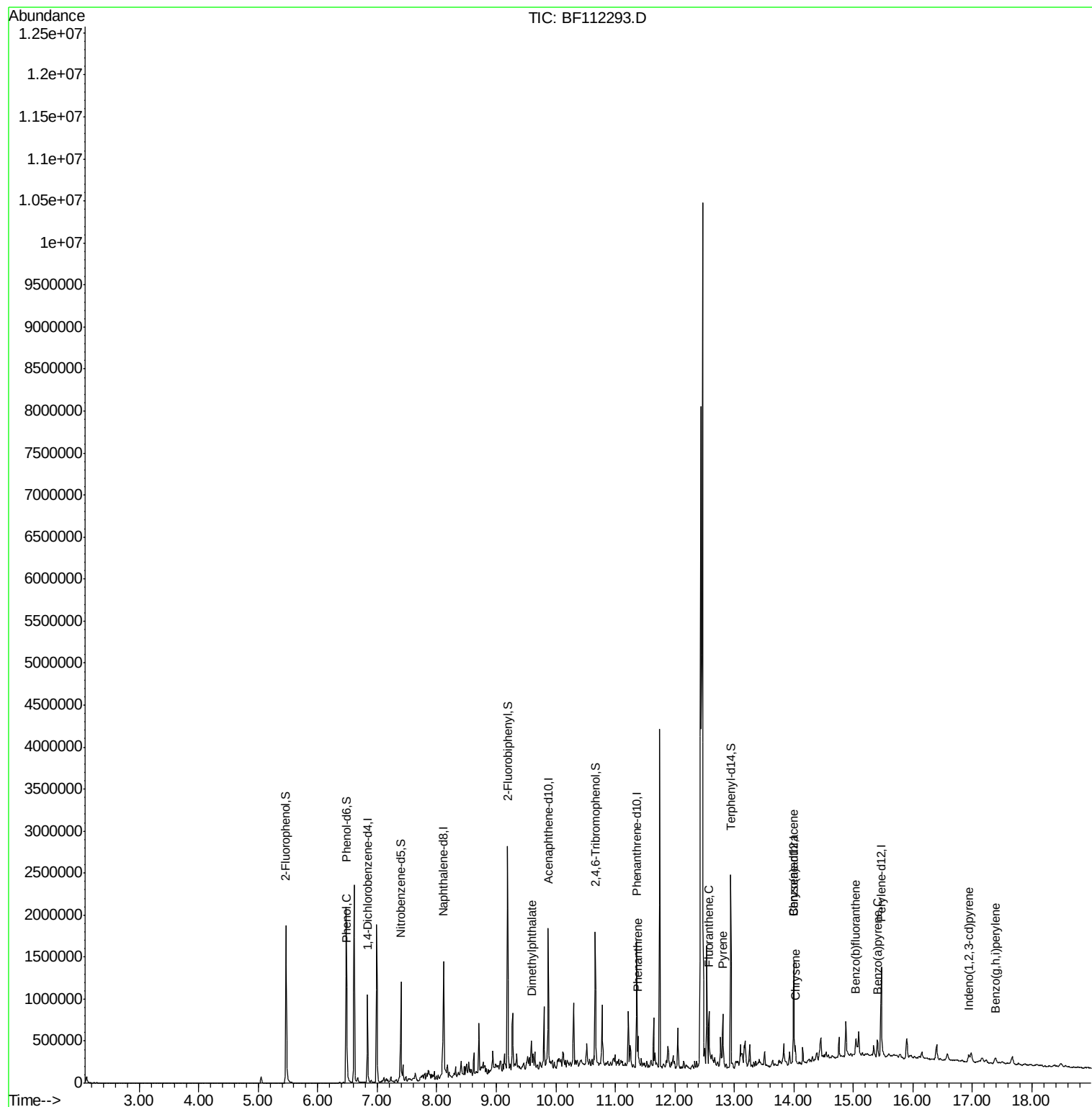
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
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ALS Vial : 7 Sample Multiplier: 1

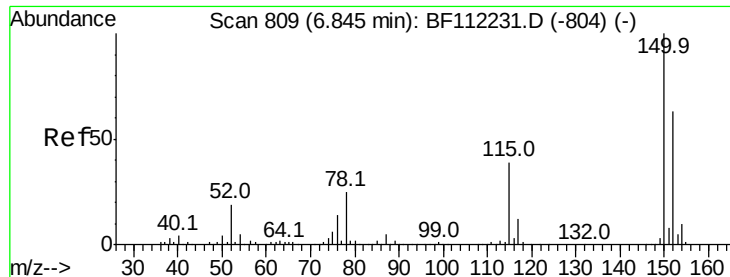
Instrument :
BNA_F
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HD-01-012819

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

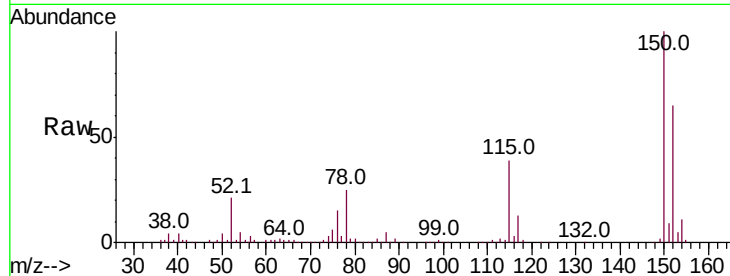
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112293.D
Acq: 29 Jan 2019 14:20

Instrument :
BNA_F
ClientSampleId :
HD-01-012819

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	127.4	191.0
115	59.7	45.5	68.3

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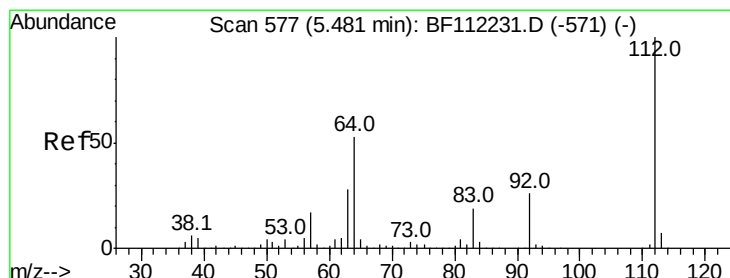
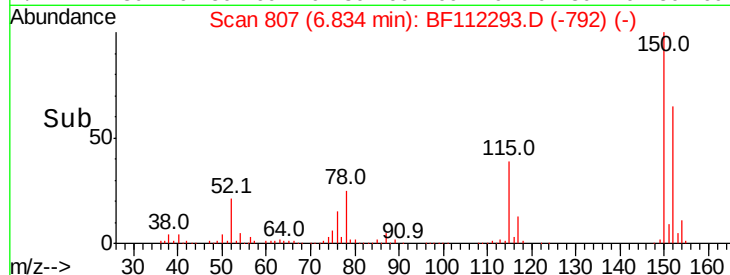
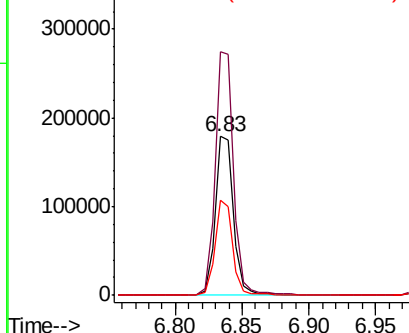


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

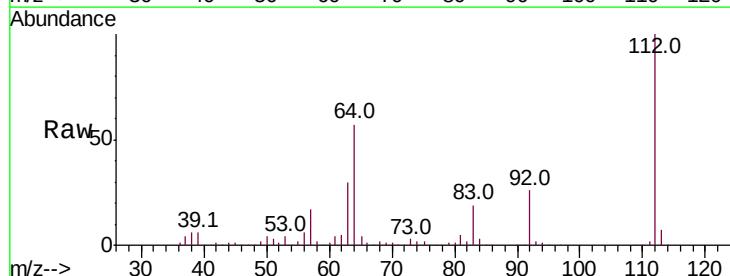
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 67.603 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112293.D
Acq: 29 Jan 2019 14:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.7	68.5
63	29.6	23.6	35.4

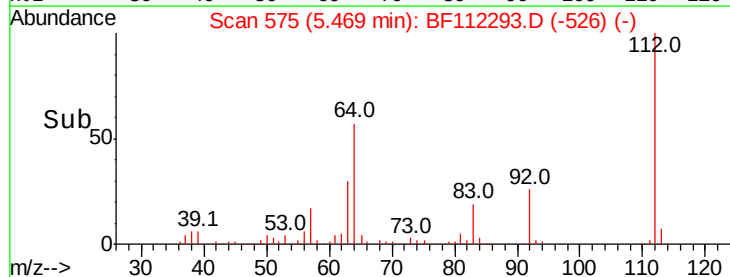
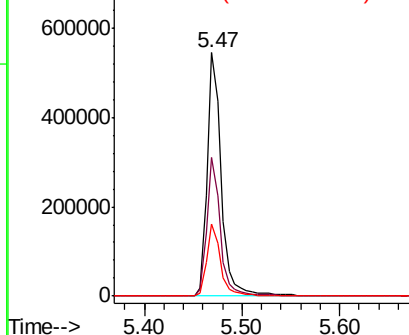


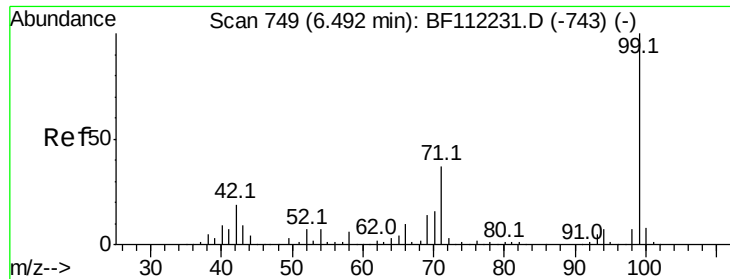
Abundance

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: 60.977 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112293.D

Acq: 29 Jan 2019 14:20

Instrument :

BNA_F

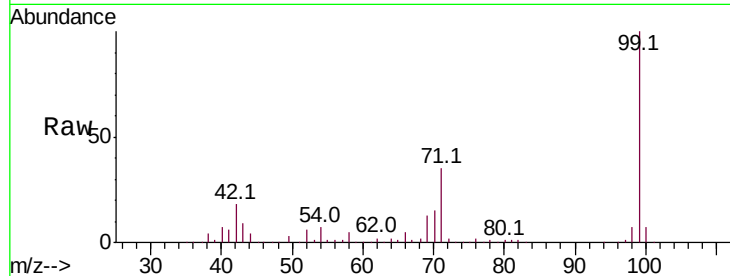
ClientSampleId :

HD-01-012819

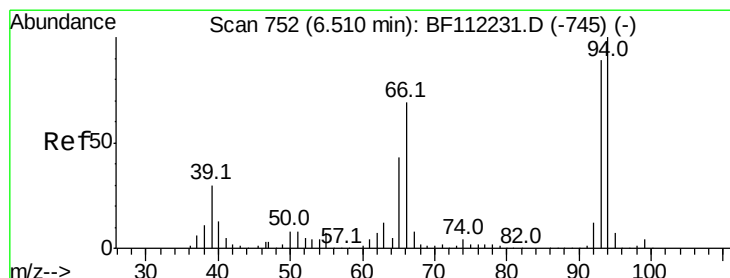
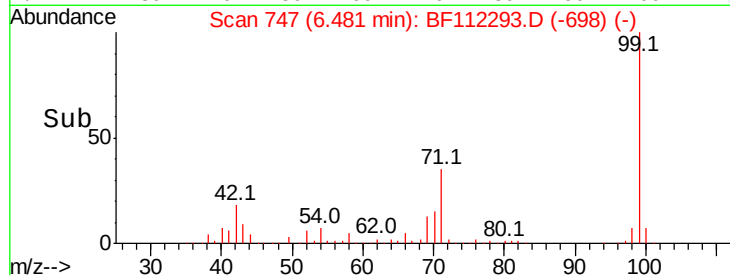
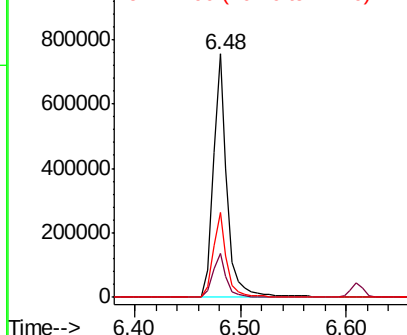
Tot Ion	99	Resp	692952
Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.1	22.7
71	34.9	26.9	40.3

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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



#10

Phenol

Concen: 3.510 ng

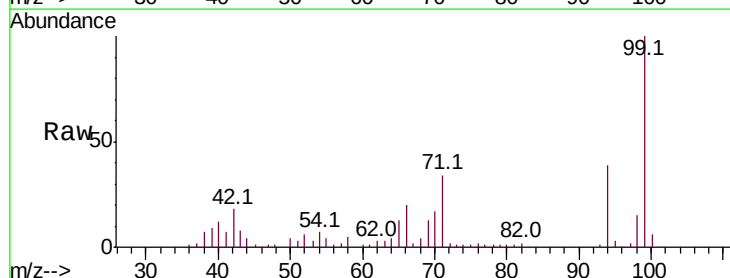
RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

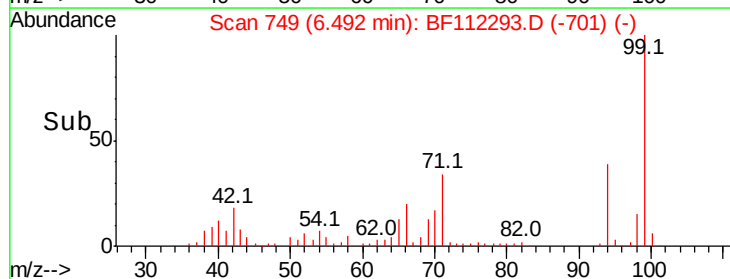
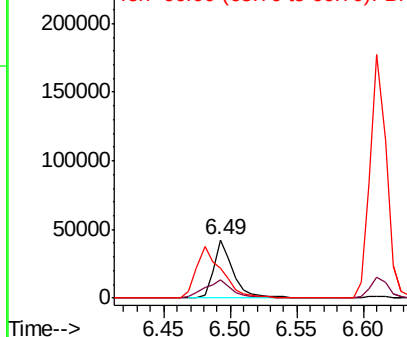
Lab File: BF112293.D

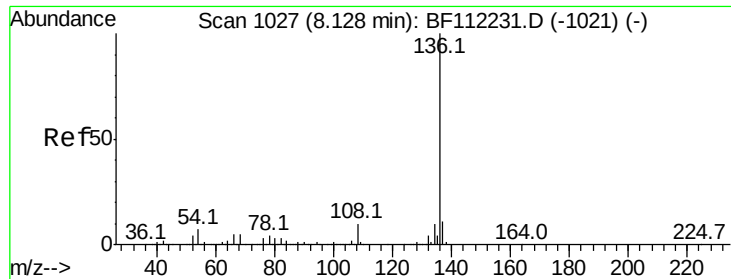
Acq: 29 Jan 2019 14:20

Tgt Ion	94	Resp	43763
Ion	Ratio	Lower	Upper
94	100		
65	31.9	20.3	60.3
66	50.6	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





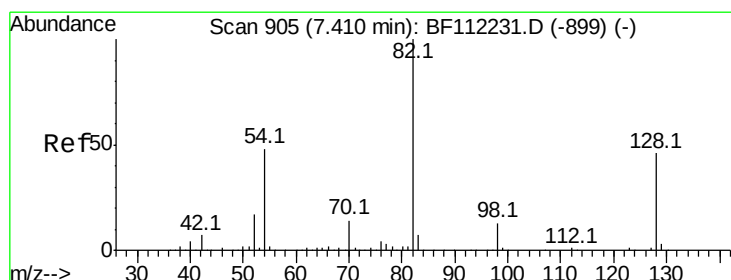
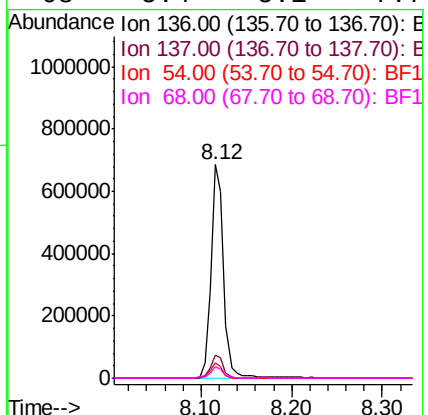
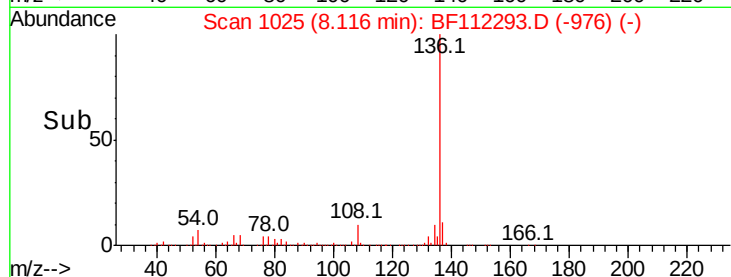
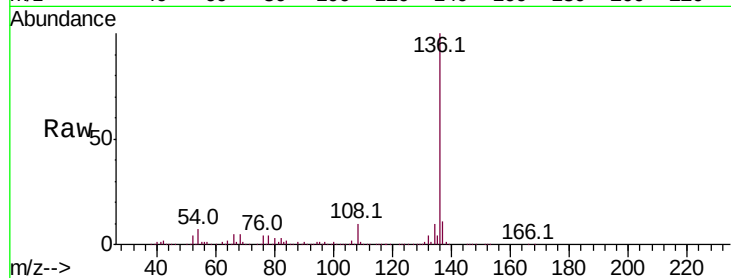
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112293.D
Acq: 29 Jan 2019 14:20

Instrument :
BNA_F
ClientSampleId :
HD-01-012819

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	7.3	5.9	8.9	
68	5.4	5.1	7.7	

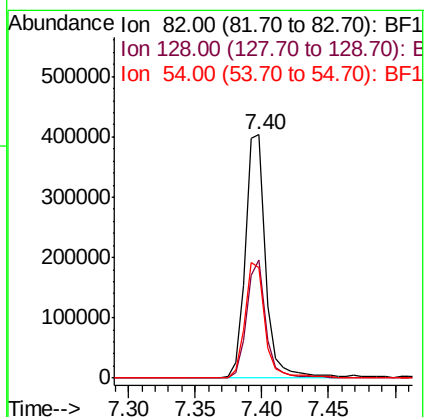
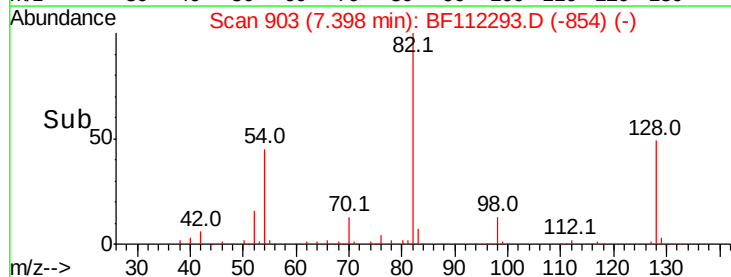
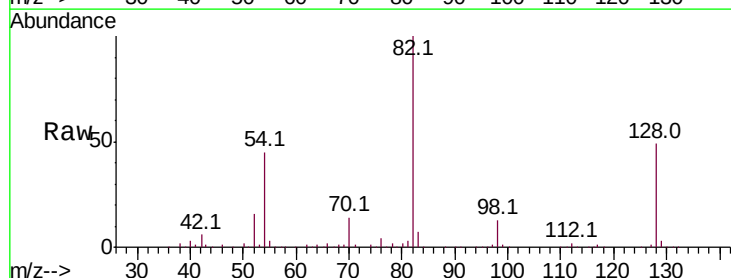
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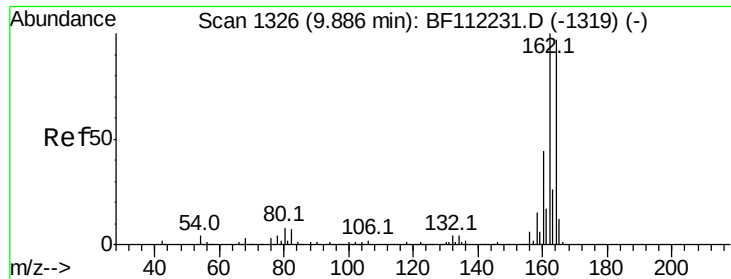
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#23
Nitrobenzene-d5
Concen: 36.243 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112293.D
Acq: 29 Jan 2019 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.6	37.8	56.8	
54	45.2	39.7	59.5	





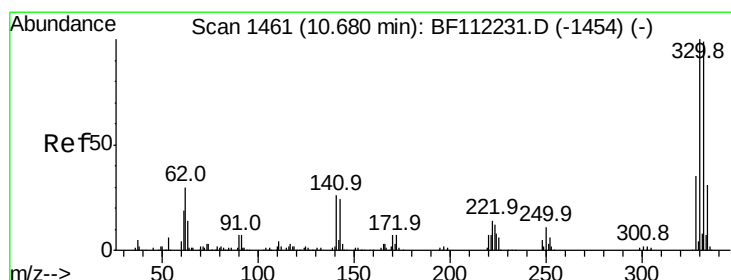
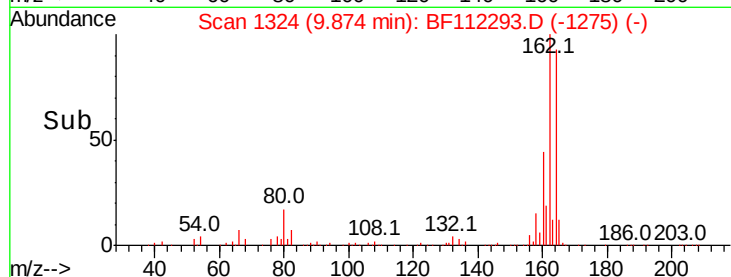
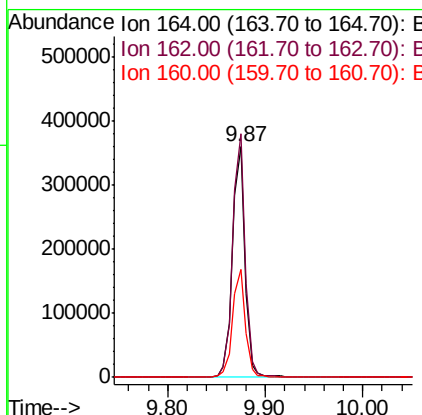
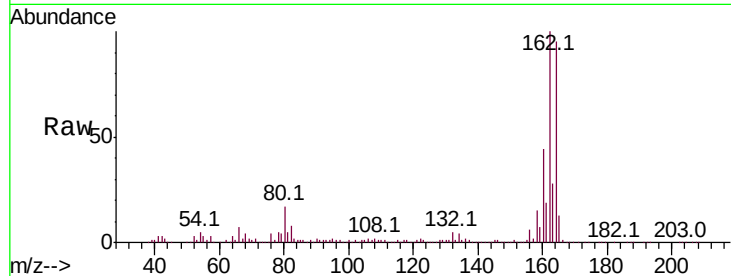
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112293.D
Acq: 29 Jan 2019 14:20

Instrument :
BNA_F
ClientSampleId :
HD-01-012819

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.6	82.2	123.4	
160	46.9	36.2	54.4	

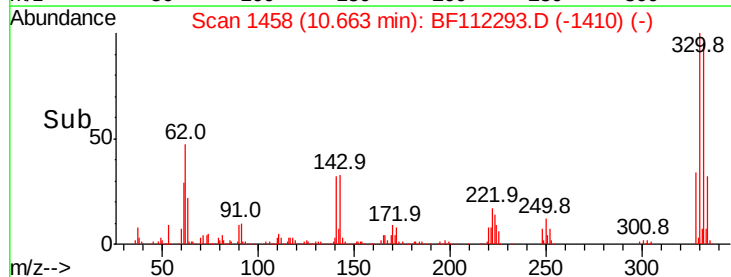
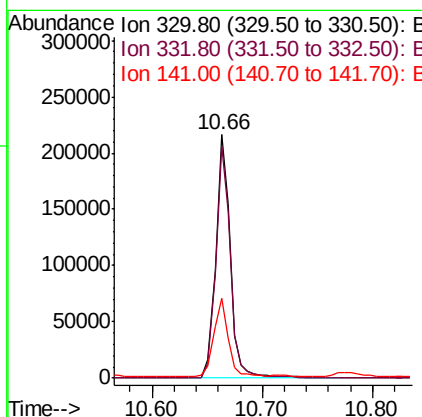
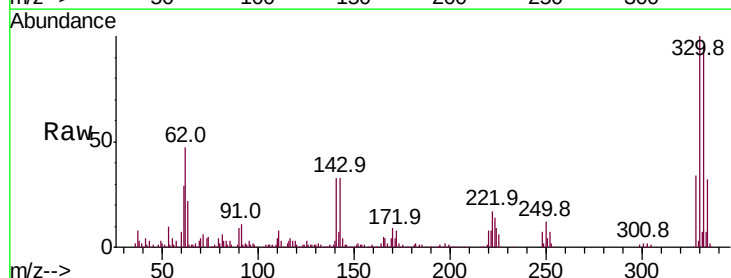
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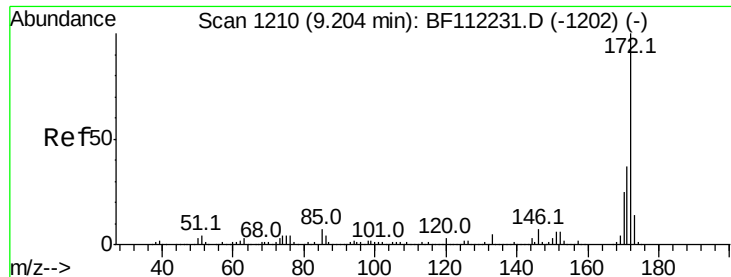
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#42
2,4,6-Tribromophenol
Concen: 52.870 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112293.D
Acq: 29 Jan 2019 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	76.6	114.8	
141	31.6	24.3	36.5	





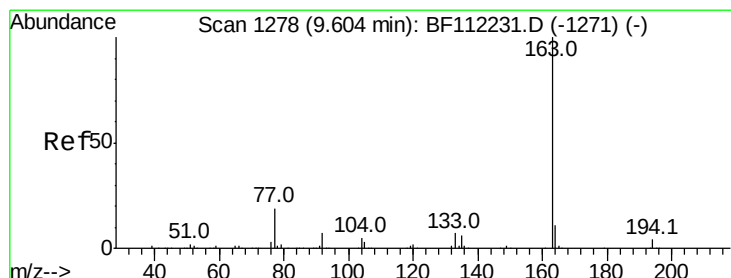
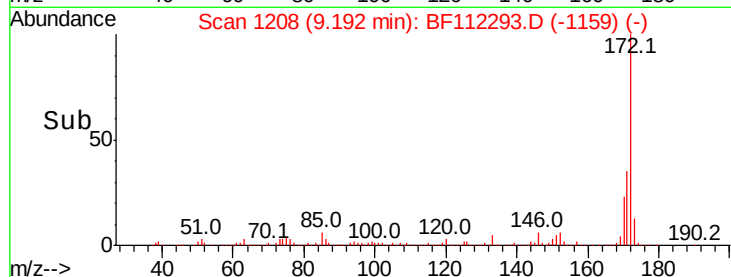
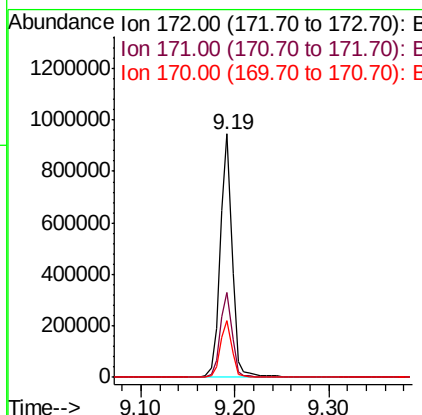
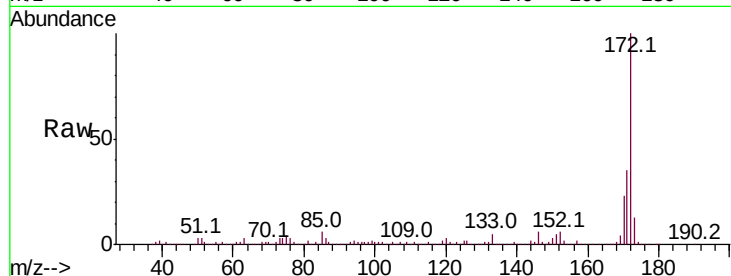
#45
2-Fluorobiphenyl
Concen: 37.161 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112293.D
Acq: 29 Jan 2019 14:20

Instrument :
BNA_F
ClientSampleId :
HD-01-012819

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.5	45.7
170	23.3	20.2	30.4

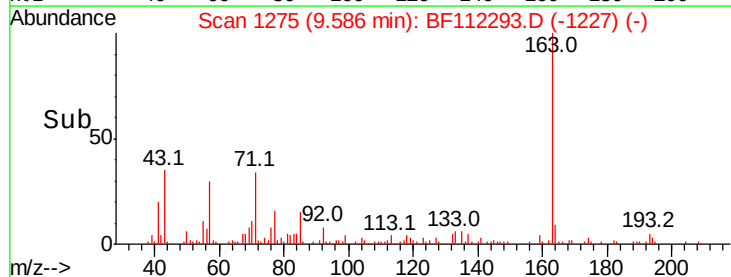
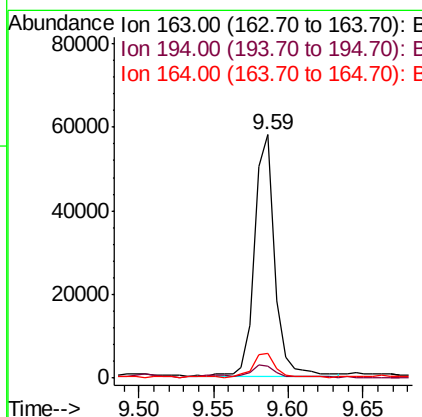
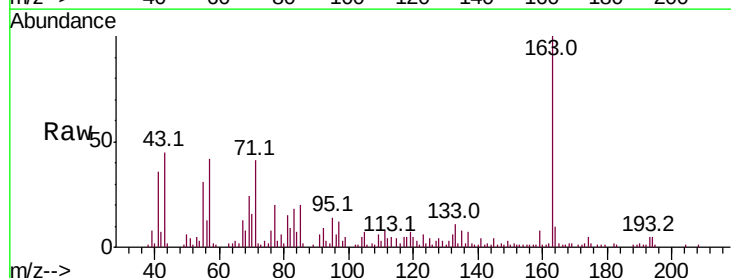
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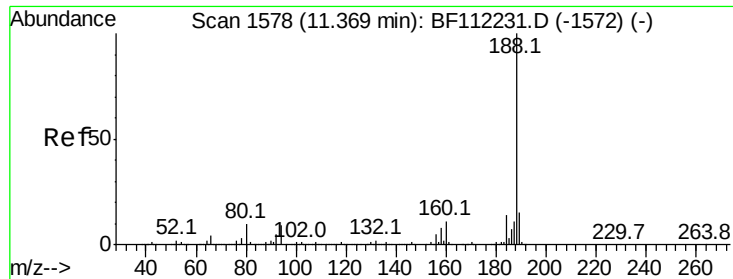
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#50
Dimethylphthalate
Concen: 2.135 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112293.D
Acq: 29 Jan 2019 14:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	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: BF112293.D

Acq: 29 Jan 2019 14:20

Instrument :

BNA_F

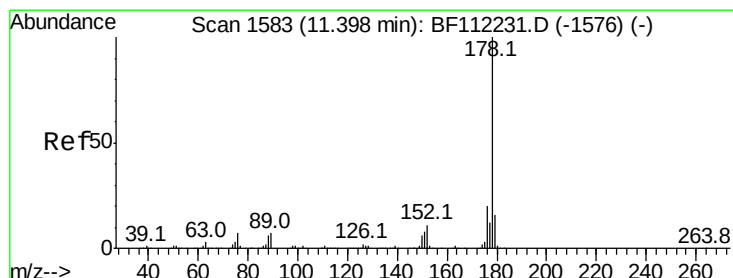
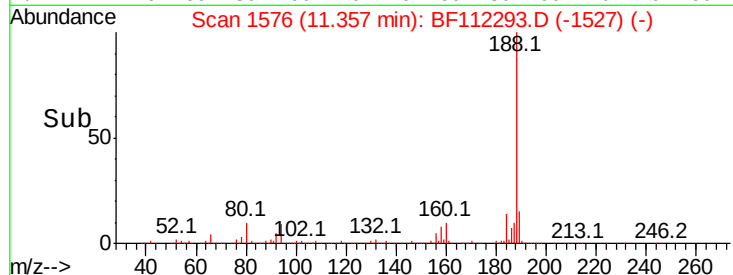
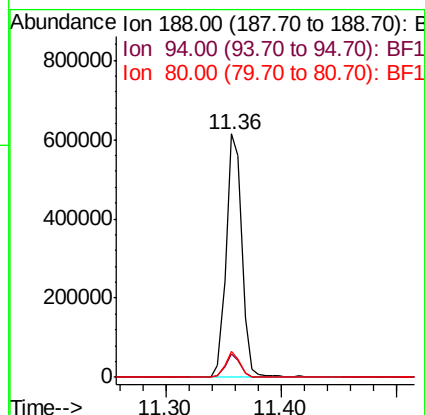
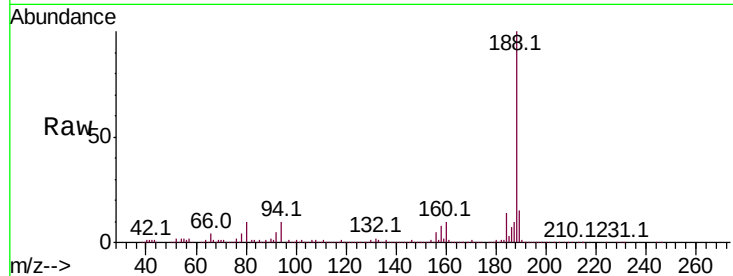
ClientSampleId :

HD-01-012819

Tot Ion:	188	Resp:	584007
Ion Ratio	Lower	Upper	
188	100		
94	9.5	8.2	12.2
80	10.5	8.9	13.3

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#71

Phenanthrene

Concen: 4.206 ng

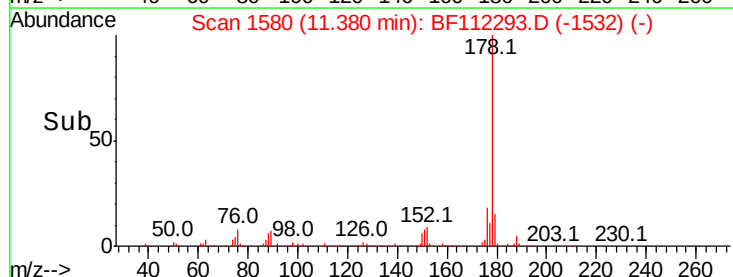
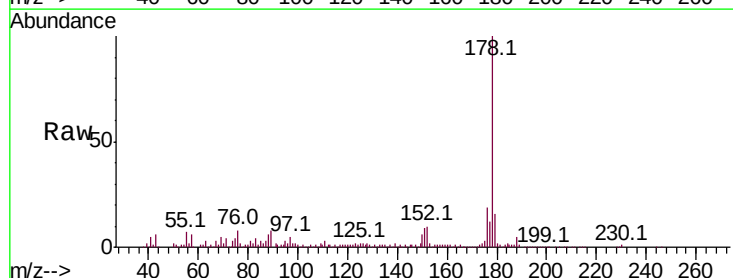
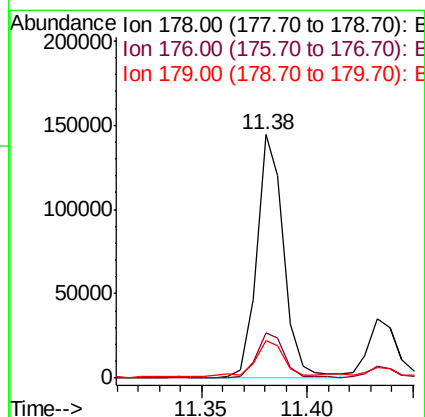
RT: 11.38 min Scan# 1580

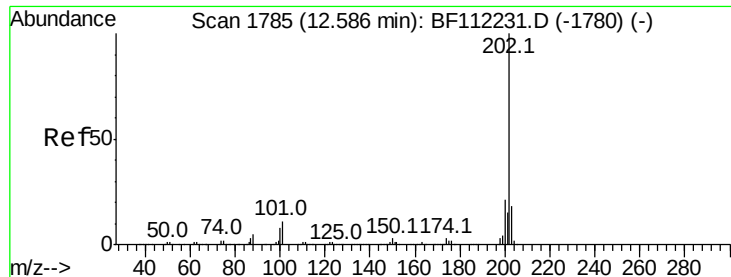
Delta R.T. -0.02 min

Lab File: BF112293.D

Acq: 29 Jan 2019 14:20

Tgt Ion:	178	Resp:	127696
Ion Ratio	Lower	Upper	
178	100		
176	18.6	16.3	24.5
179	15.7	13.0	19.4





#75

Fluoranthene

Concen: 6.528 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112293.D

Acq: 29 Jan 2019 14:20

Instrument :

BNA_F

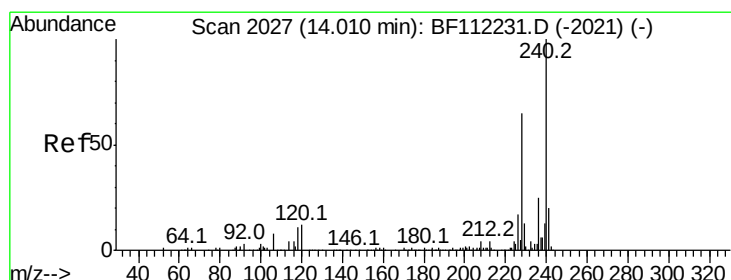
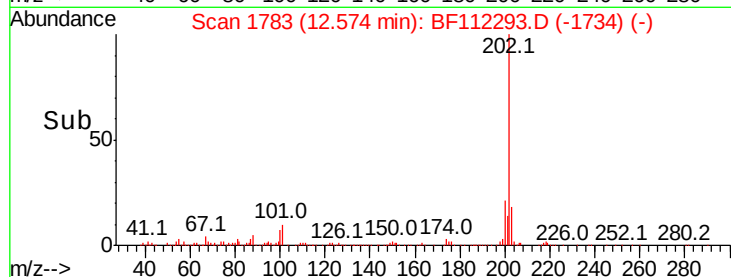
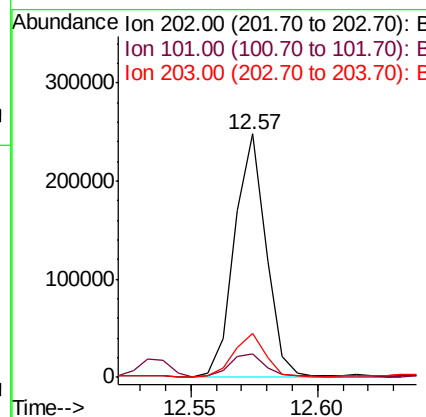
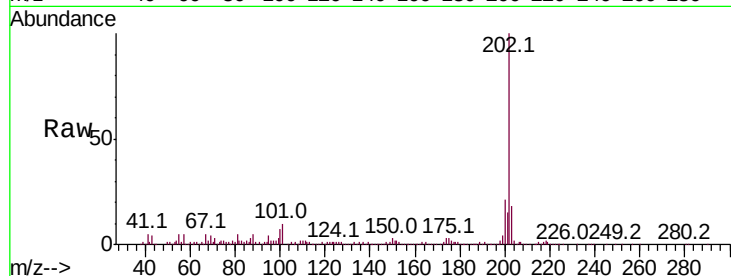
ClientSampleId :

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Tot Ion:	202	Resp:	212587
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	31.8
203	17.9	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

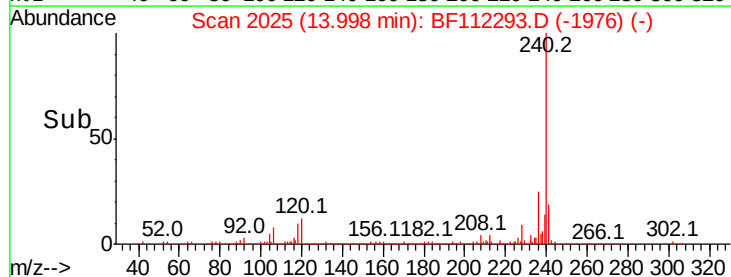
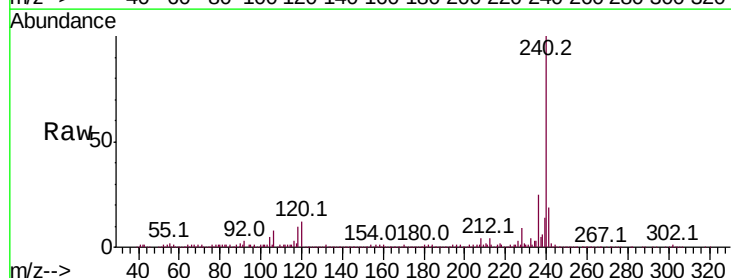
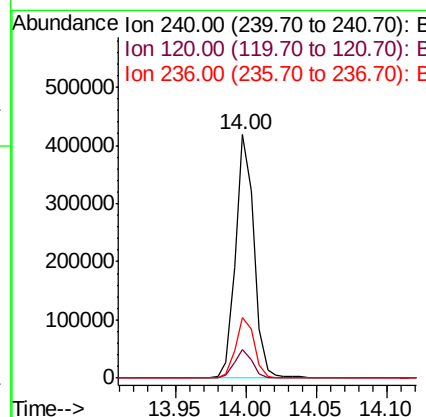
RT: 14.00 min Scan# 2025

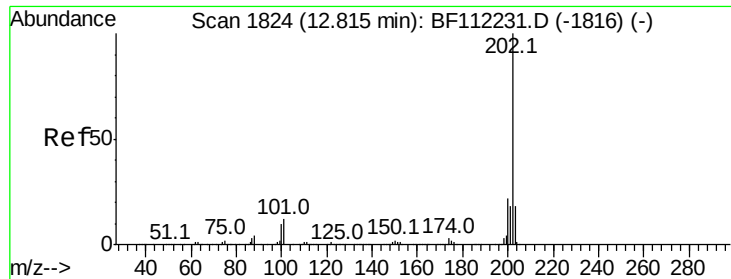
Delta R.T. -0.01 min

Lab File: BF112293.D

Acq: 29 Jan 2019 14:20

Tgt Ion:	240	Resp:	380850
Ion Ratio	Lower	Upper	
240	100		
120	12.0	9.0	13.6
236	25.0	20.7	31.1





#78

Pvrene

Concen: 8.152 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112293.D

Acq: 29 Jan 2019 14:20

Instrument :

BNA_F

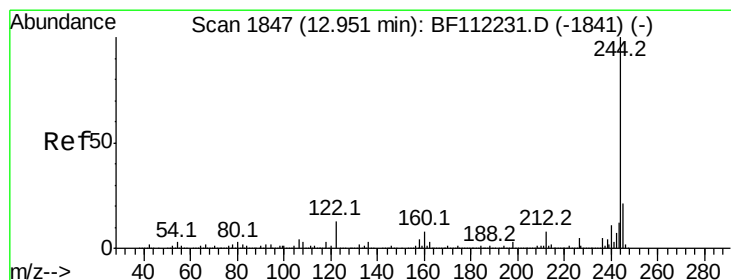
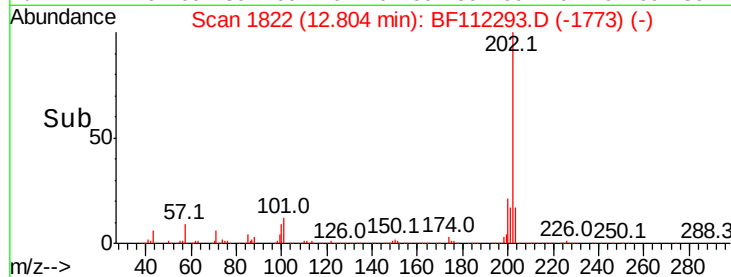
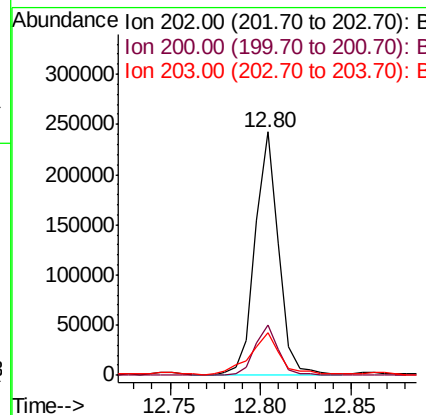
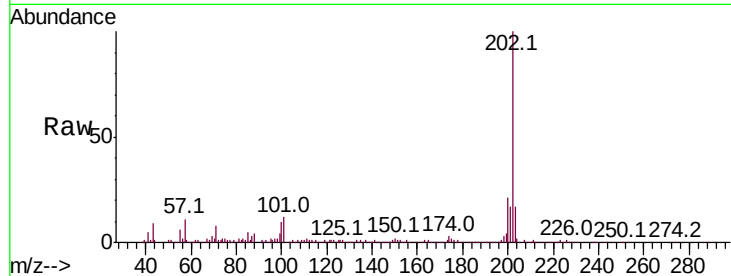
ClientSampleId :

HD-01-012819

Tot Ion:	202	Resp:	214953
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.7	26.5
203	17.4	14.6	22.0

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#79

Terphenyl-d14

Concen: 34.336 ng

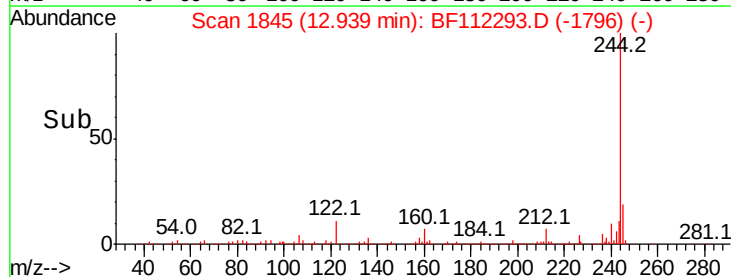
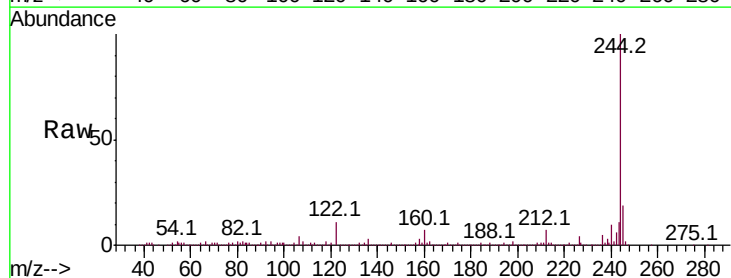
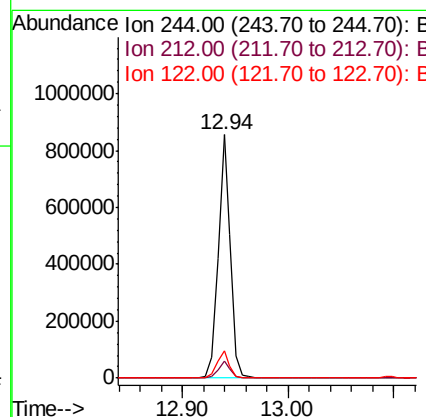
RT: 12.94 min Scan# 1845

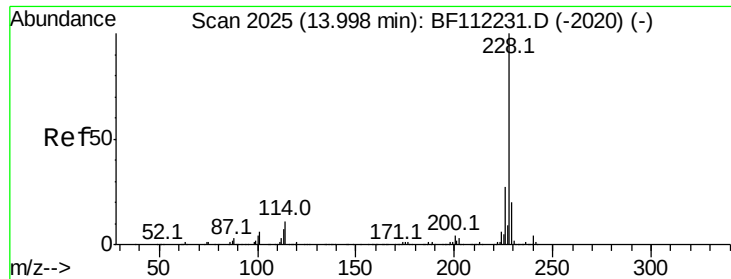
Delta R.T. -0.01 min

Lab File: BF112293.D

Acq: 29 Jan 2019 14:20

Tgt Ion:	244	Resp:	694298
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.9	8.9
122	11.1	9.8	14.6





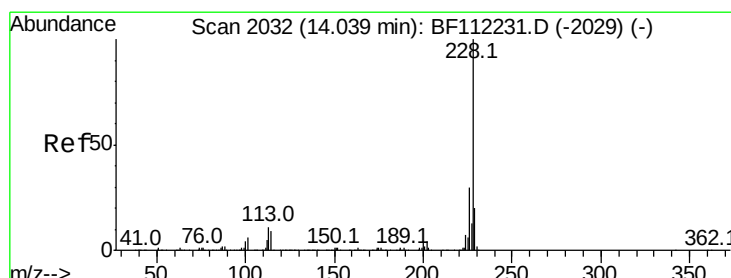
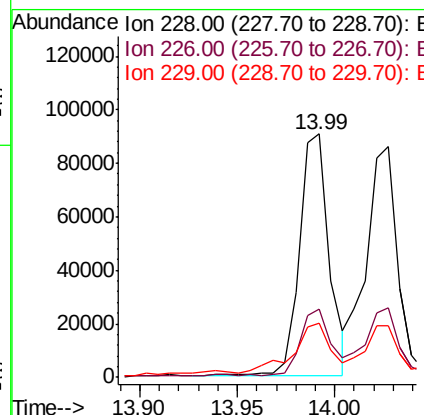
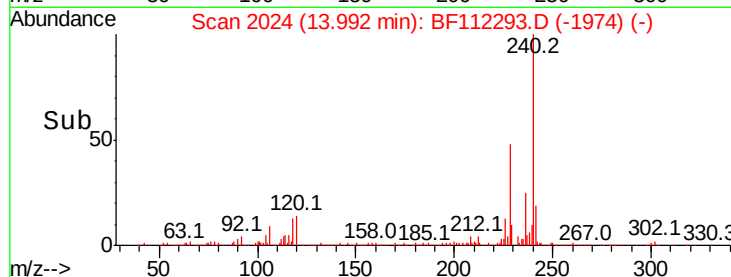
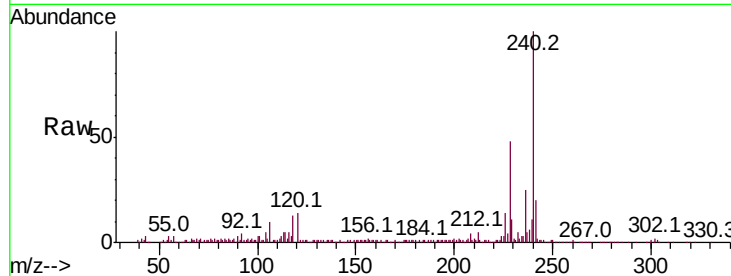
#81
Benzo(a)anthracene
Concen: 4.258 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112293.D
Acq: 29 Jan 2019 14:20

Instrument :
BNA_F
ClientSampleId :
HD-01-012819

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	34.0
229	22.2	16.5	24.7

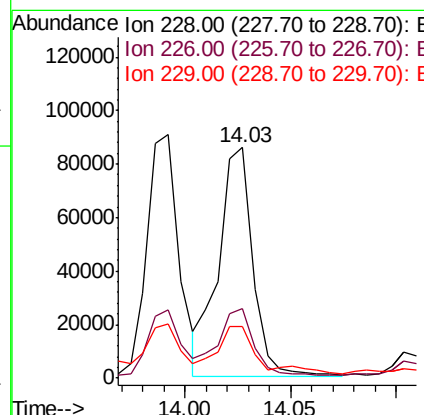
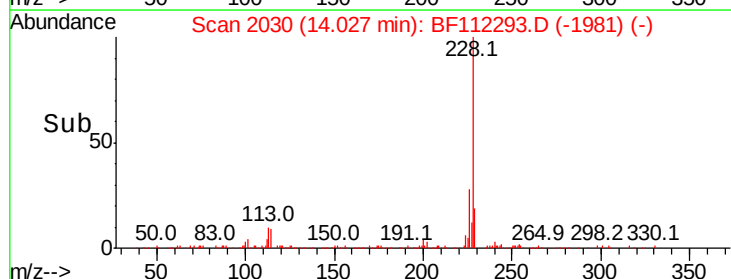
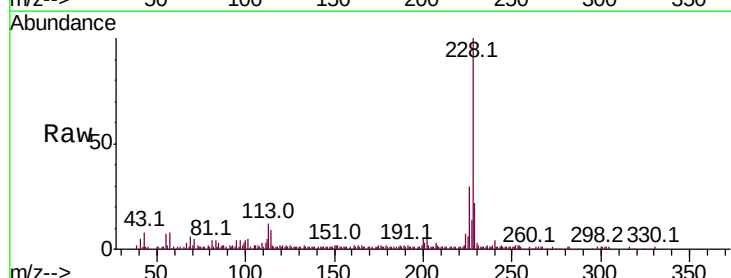
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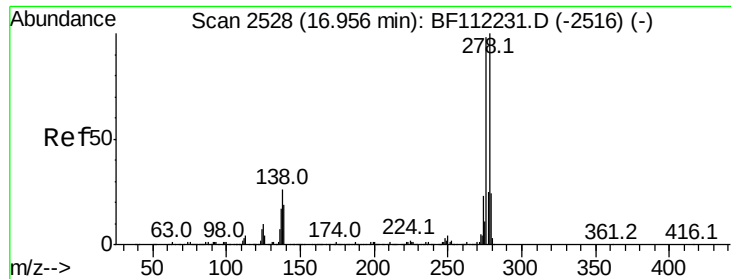
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#83
Chrysene
Concen: 4.534 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112293.D
Acq: 29 Jan 2019 14:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	22.5	16.6	24.8





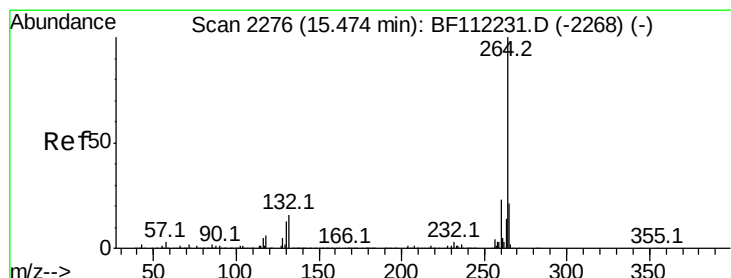
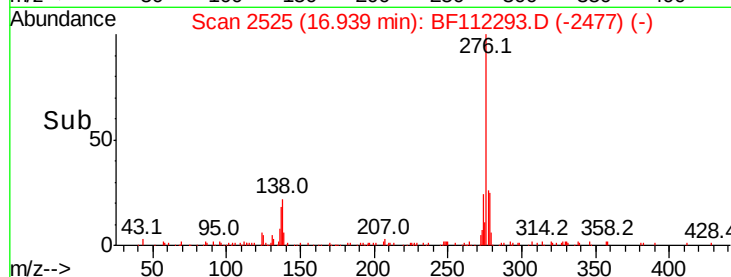
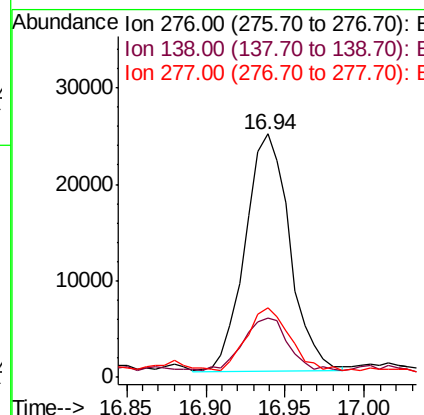
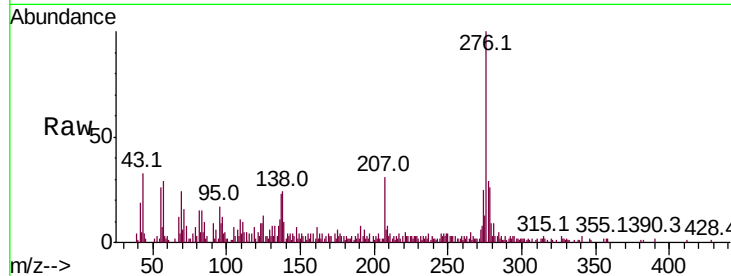
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.853 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.02 min
Lab File: BF112293.D
Acq: 29 Jan 2019 14:20

Instrument :
BNA_F
ClientSampleId :
HD-01-012819

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	22.6	34.0#
277	24.9	20.3	30.5

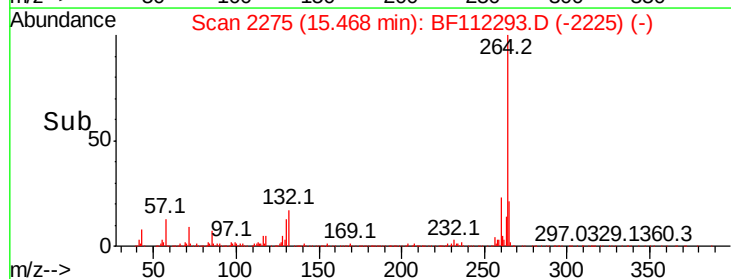
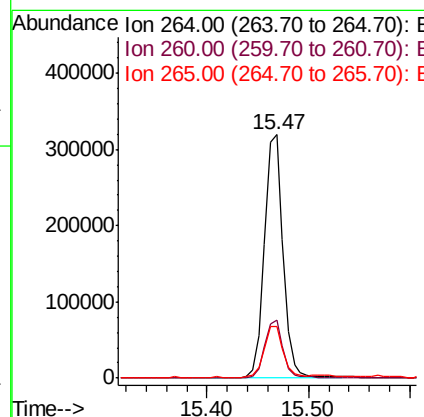
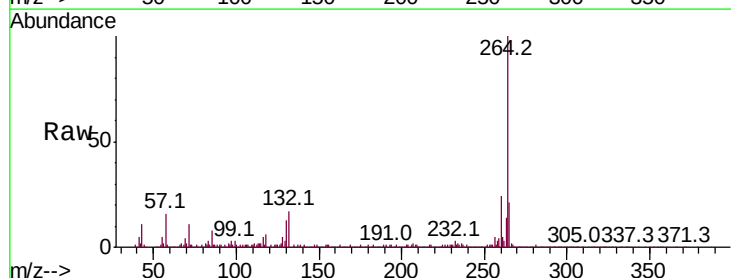
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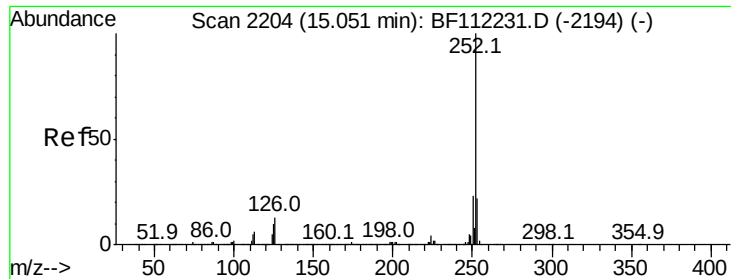
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112293.D
Acq: 29 Jan 2019 14:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	21.2	17.0	25.4





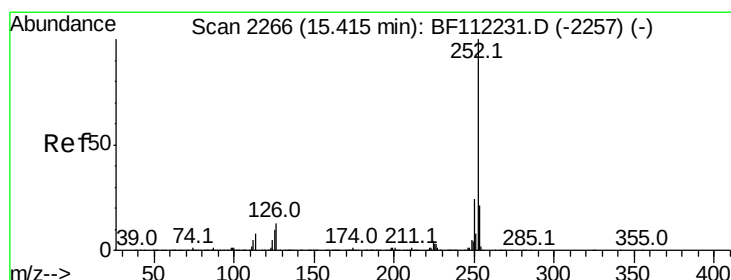
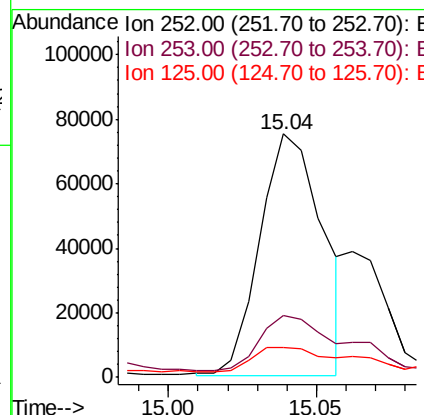
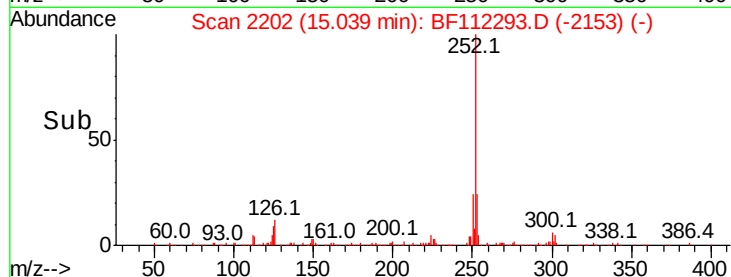
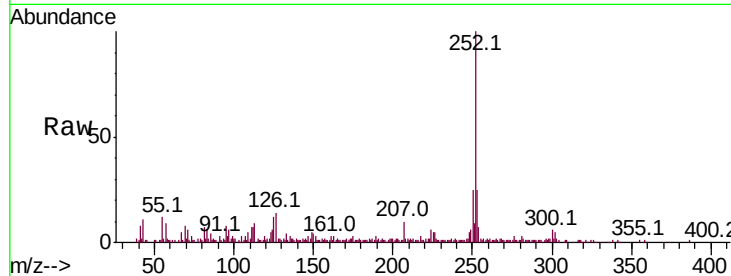
#88
Benzo(b)fluoranthene
Concen: 4.495 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF112293.D
Acq: 29 Jan 2019 14:20

Instrument :
BNA_F
ClientSampleId :
HD-01-012819

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.0	27.0
125	12.5	8.7	13.1

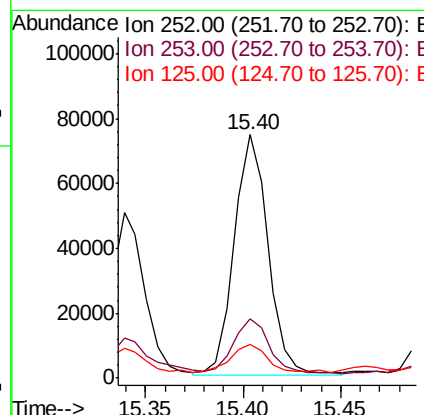
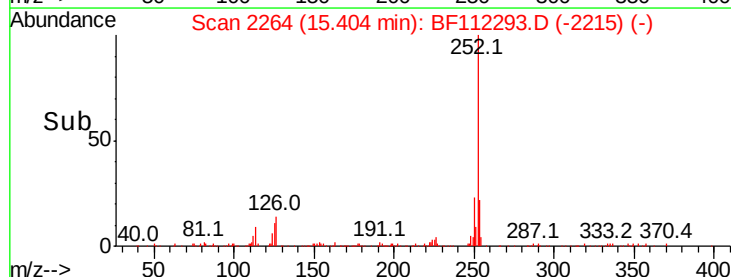
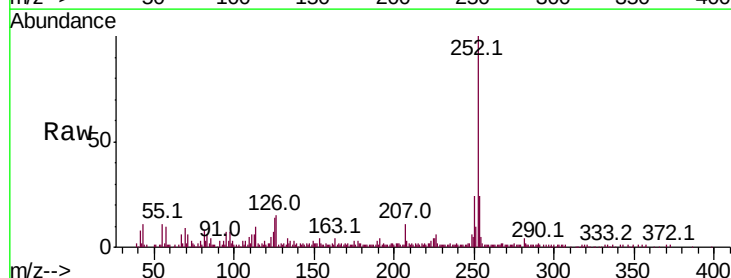
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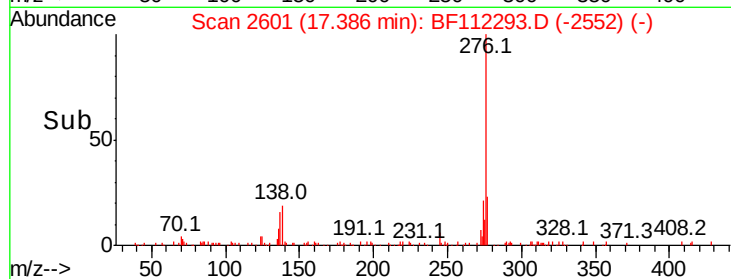
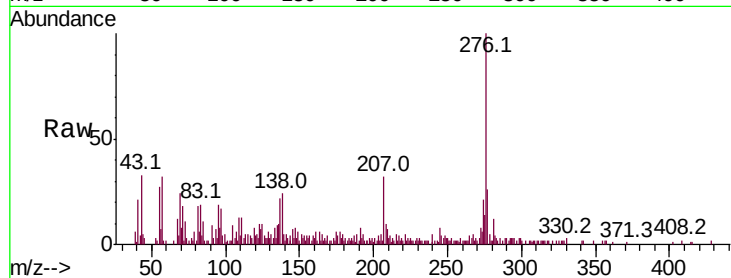
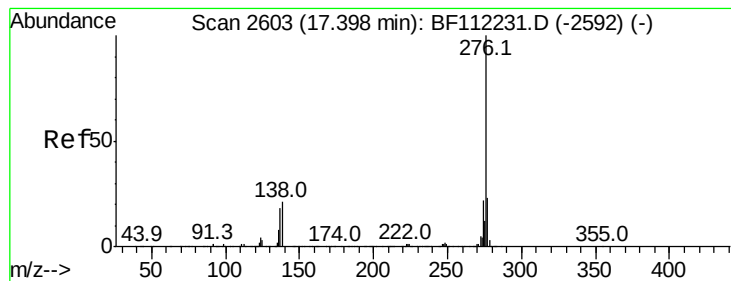
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#90
Benzo(a)pyrene
Concen: 4.065 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF112293.D
Acq: 29 Jan 2019 14:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	13.9	9.0	13.4#





#92

Benzo(a,h,i)perylene

Concen: 2.730 ng

RT: 17.39 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BF112293.D

Acq: 29 Jan 2019 14:20

Instrument :

BNA_F

ClientSampleId :

HD-01-012819

Tot Ion:	276	Resp:	45899
Ion Ratio	Lower	Upper	
276	100		
277	26.4	19.4	29.0
138	24.1	19.1	28.7

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