

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
 Data File : BF116830.D
 Acq On : 5 Sep 2019 11:48
 Operator : HP/JU
 Sample : K4625-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-01

Manual Integrations
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mohammad
 9/10/2019 9:52:09 AM

Quant Time: Sep 06 14:06:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	76768	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	312045	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	153140	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	221701	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	150835	20.00	ng	0.00
87) Perylene-d12	15.47	264	108761	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	457603	96.57	ng	0.00
7) Phenol-d6	6.47	99	630003	101.25	ng	0.00
23) Nitrobenzene-d5	7.40	82	379668	69.46	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	114407	111.75	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	645079	71.06	ng	-0.01
79) Terphenyl-d14	12.94	244	459395	56.34	ng	0.00
Target Compounds						
10) Phenol	6.49	94	15494	2.249	ng	92
50) Dimethylphthalate	9.59	163	84524	7.995	ng	98
71) Phenanthrene	11.38	178	24700	2.001	ng	95
75) Fluoranthene	12.57	202	43859	3.616	ng	95
78) Pyrene	12.80	202	59686	4.451	ng	96
88) Benzo(b)fluoranthene	15.04	252	26325m	4.003	ng	
90) Benzo(a)pyrene	15.41	252	18067	3.158	ng	# 1
92) Benzo(g,h,i)perylene	17.38	276	12661m	2.479	ng	

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

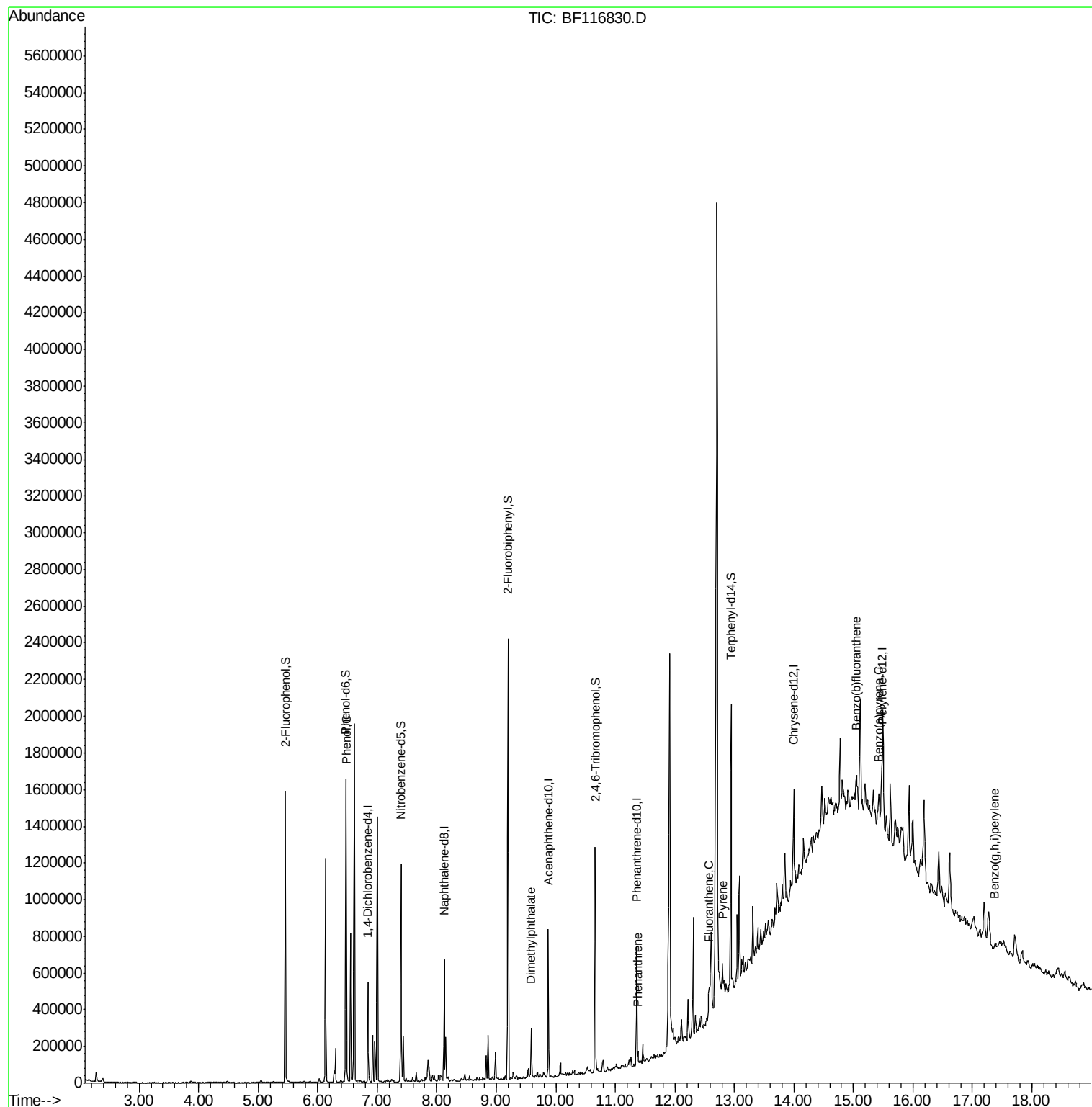
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116830.D
Acq On : 5 Sep 2019 11:48
Operator : HP/JU
Sample : K4625-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

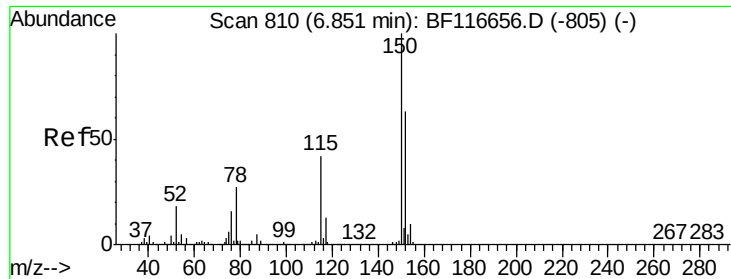
Instrument :
BNA_F
ClientSampleId :
HF-01

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Quant Time: Sep 06 14:06:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

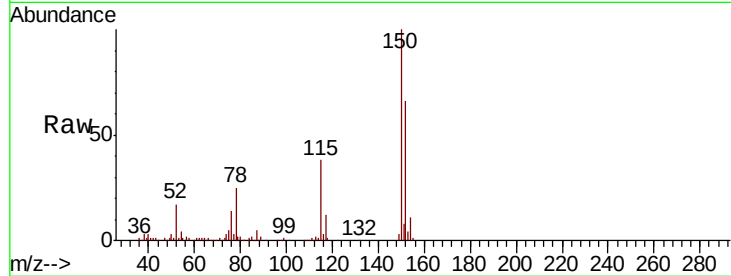
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116830.D
Acq: 5 Sep 2019 11:48

Instrument :
BNA_F
ClientSampled :
HF-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.4	186.6
115	56.9	49.9	74.9

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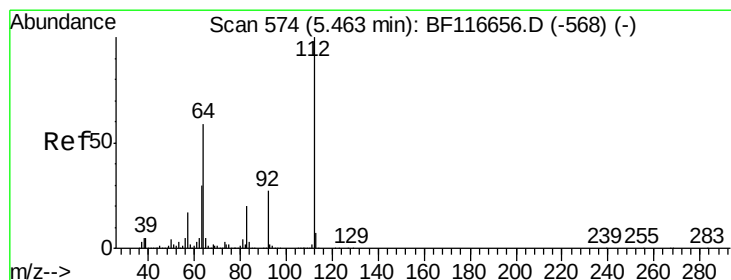
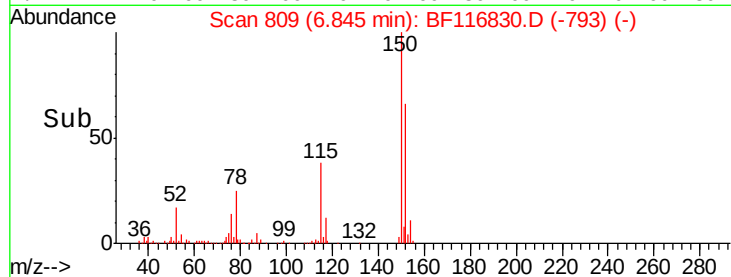
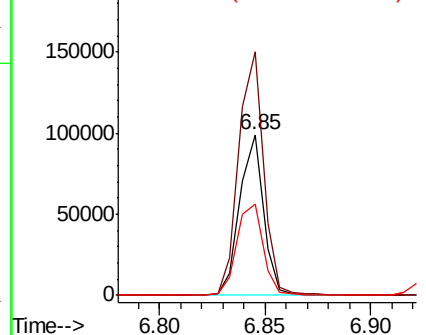


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

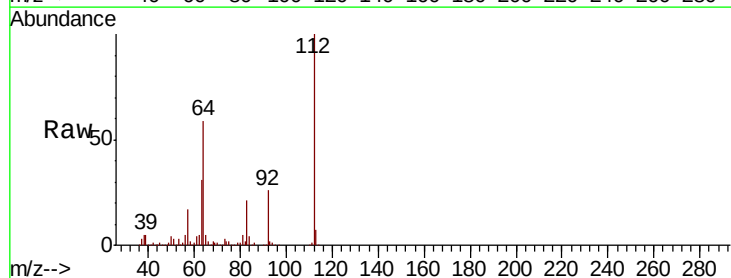
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.569 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116830.D
Acq: 5 Sep 2019 11:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.1	70.7
63	30.7	24.9	37.3

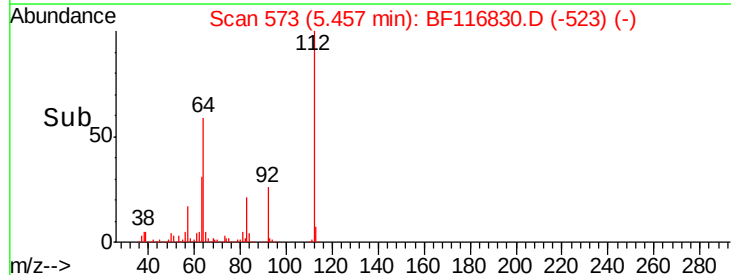
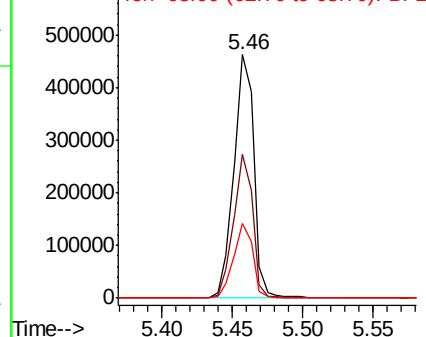


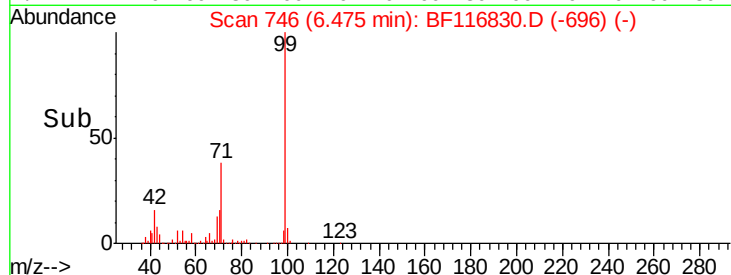
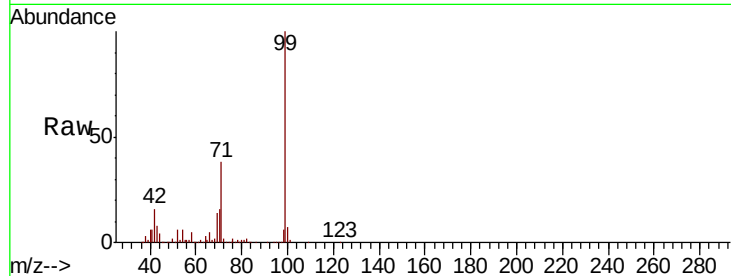
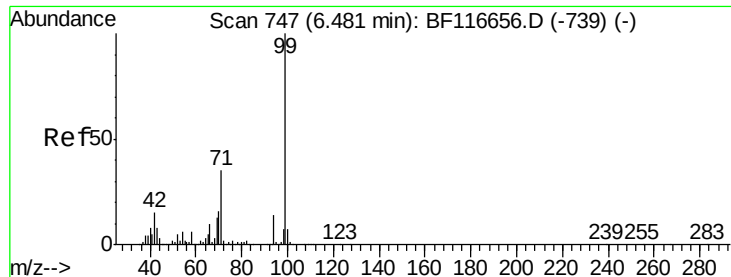
Abundance

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: 101.249 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116830.D

Acq: 5 Sep 2019 11:48

Tot Ion:	99	Resp:	630003
Ion Ratio	Lower	Upper	
99	100		
42	16.1	13.7	20.5
71	37.5	30.8	46.2

Instrument :

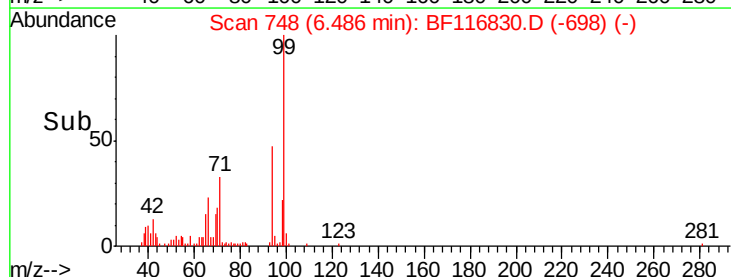
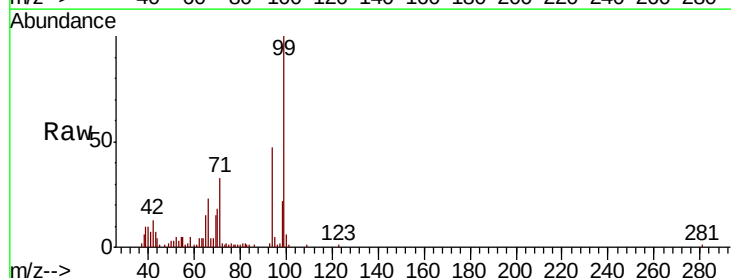
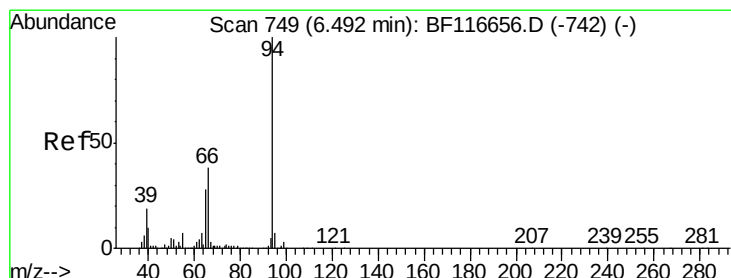
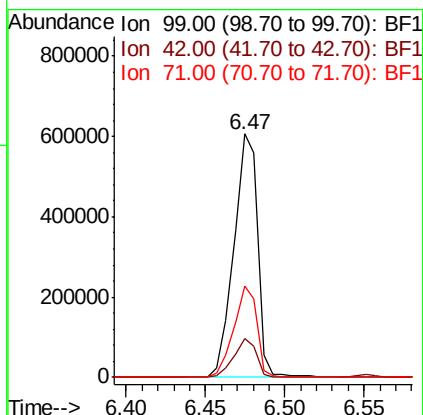
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ClientSampleId :

HF-01

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#10

Phenol

Concen: 2.249 ng

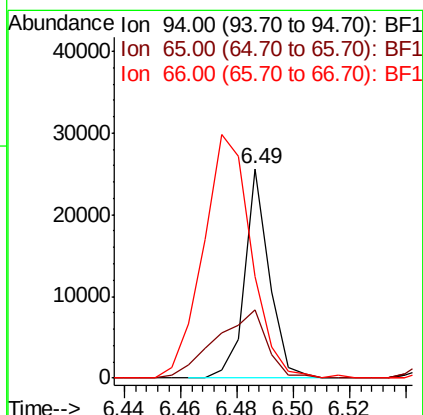
RT: 6.49 min Scan# 748

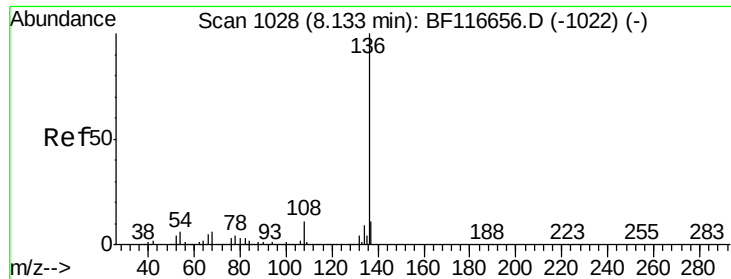
Delta R.T. -0.01 min

Lab File: BF116830.D

Acq: 5 Sep 2019 11:48

Tgt Ion:	94	Resp:	15494
Ion Ratio	Lower	Upper	
94	100		
65	32.7	10.8	50.8
66	48.6	21.1	61.1





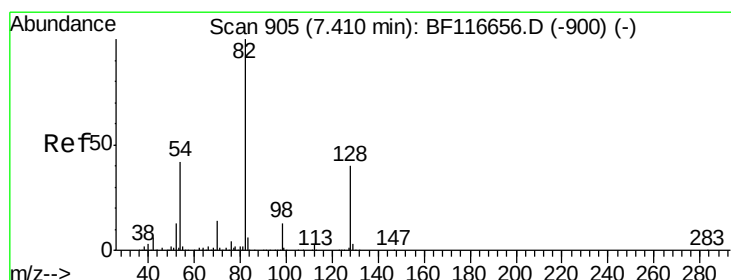
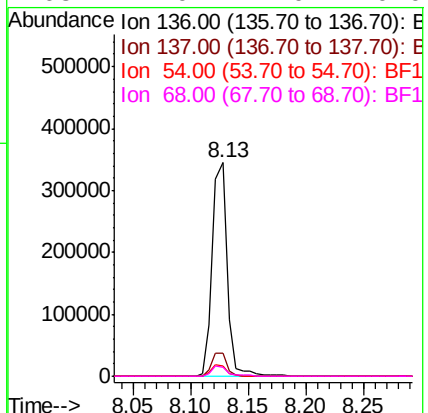
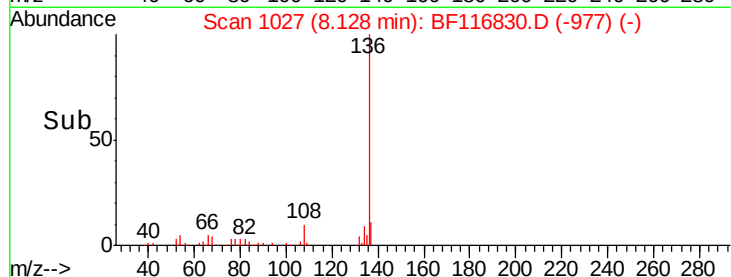
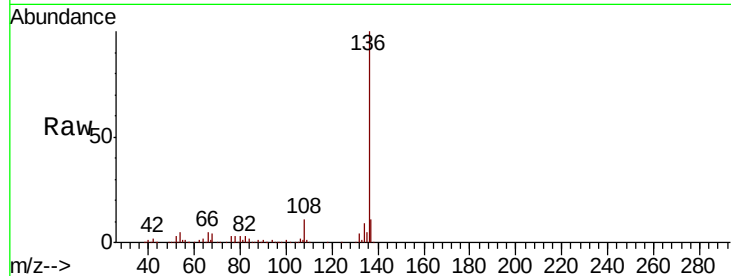
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116830.D
Acq: 5 Sep 2019 11:48

Instrument :
BNA_F
ClientSampled :
HF-01

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.9	13.3	
54	5.0	4.8	7.2	
68	4.0	4.0	6.0	

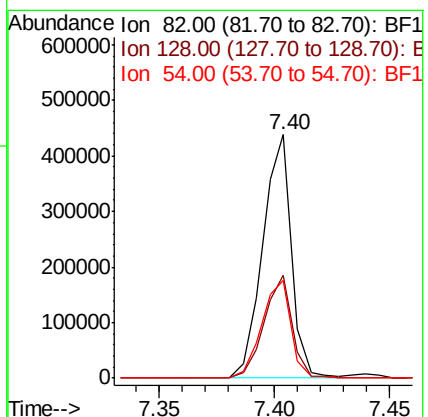
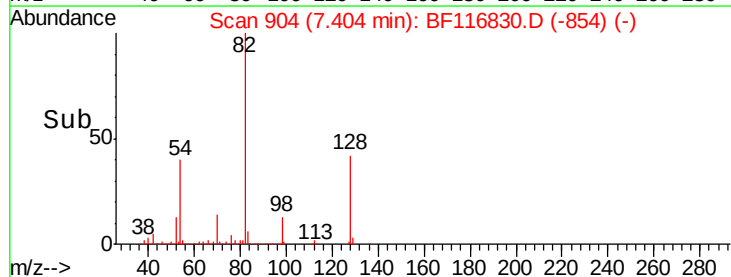
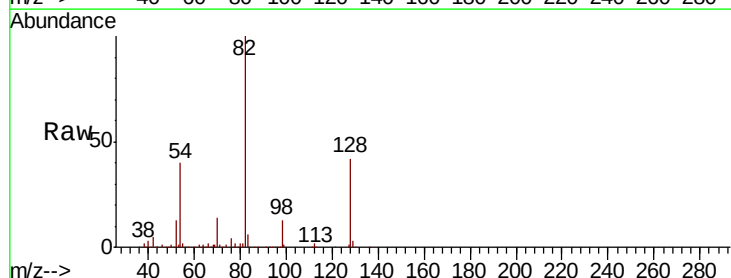
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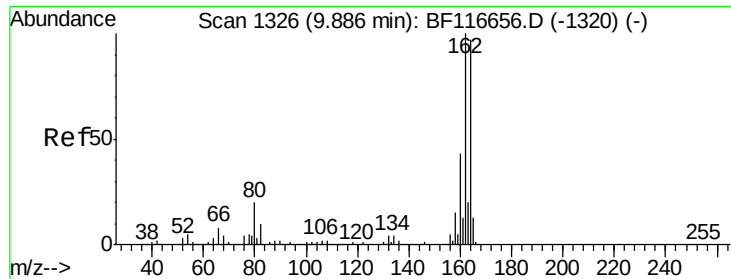
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#23
Nitrobenzene-d5
Concen: 69.459 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116830.D
Acq: 5 Sep 2019 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.2	32.8	49.2	
54	40.0	36.9	55.3	





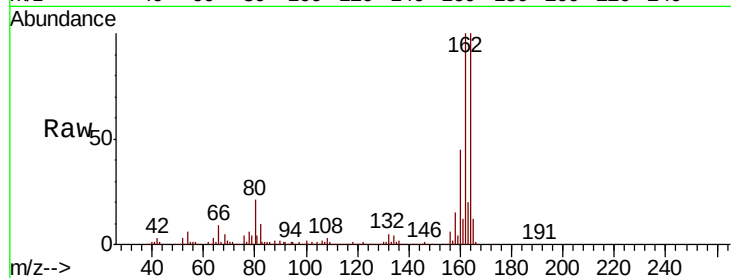
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116830.D
Acq: 5 Sep 2019 11:48

Instrument :
BNA_F
ClientSampleId :
HF-01

Tot Ion	Ratio	Resp	Lower	Upper
164	100	153140		
162	100.4	81.4	122.0	
160	45.3	35.4	53.2	

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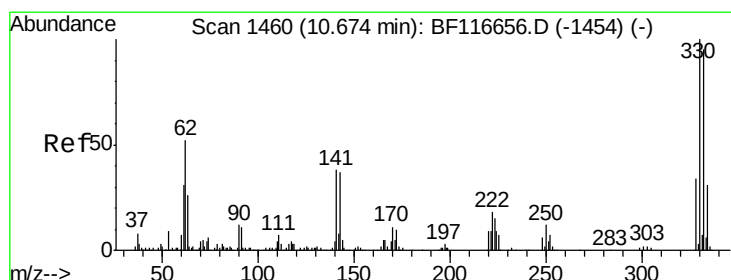
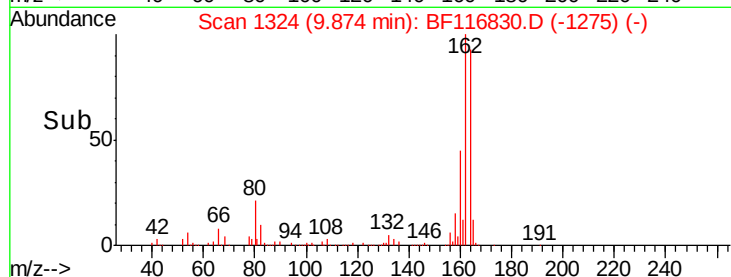
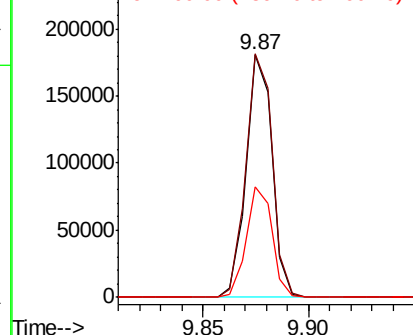


Abundance

Ion 164.00 (163.70 to 164.70): E

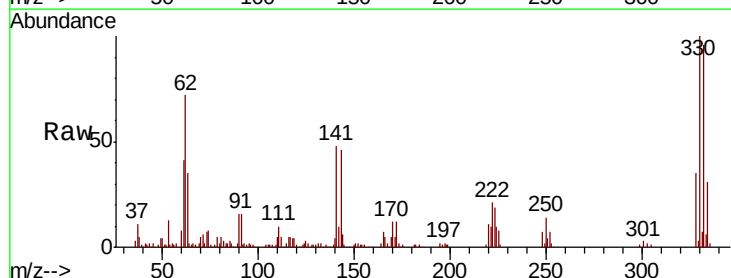
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 111.750 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116830.D
Acq: 5 Sep 2019 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	114407		
332	95.2	76.9	115.3	
141	43.8	31.4	47.2	

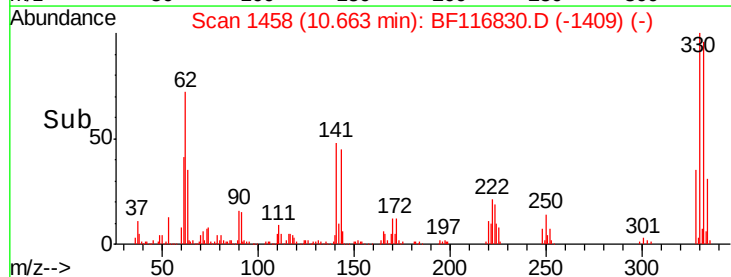
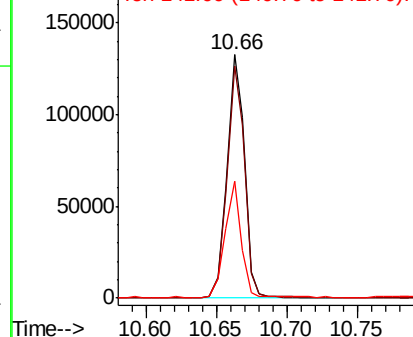


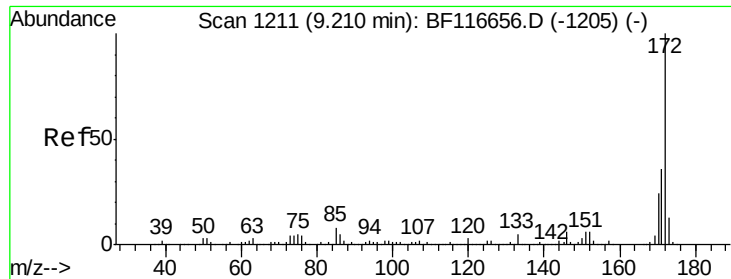
Abundance

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





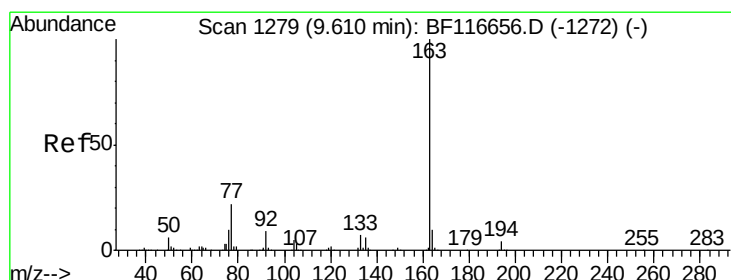
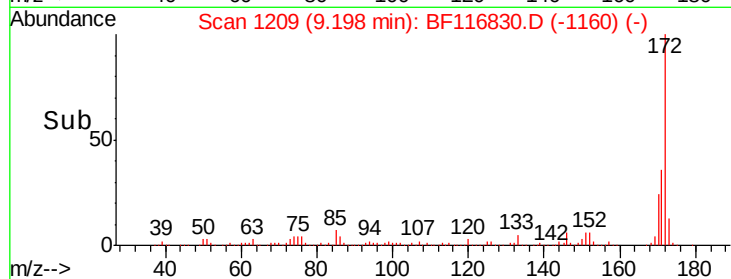
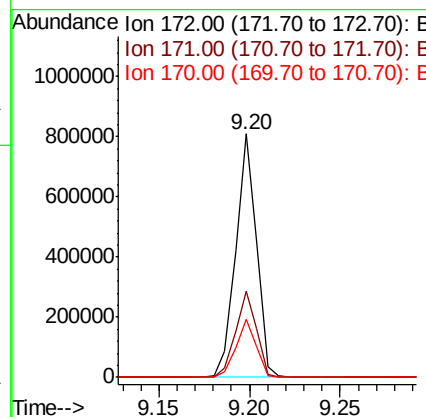
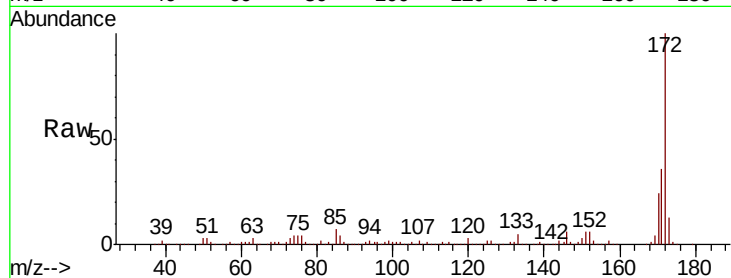
#45
2-Fluorobiphenyl
Concen: 71.058 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116830.D
Acq: 5 Sep 2019 11:48

Instrument :
BNA_F
ClientSampled :
HF-01

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.8	41.6
170	23.9	18.9	28.3

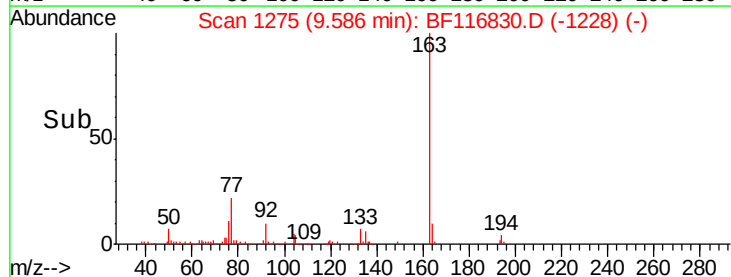
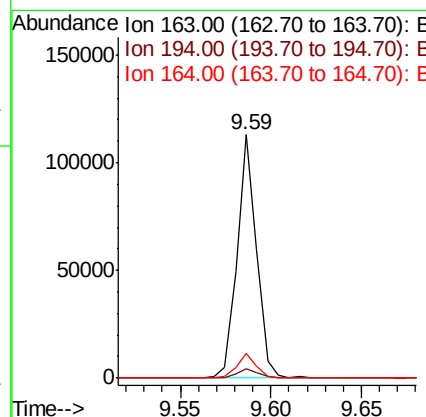
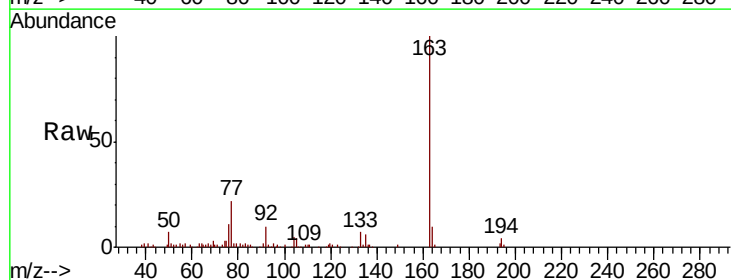
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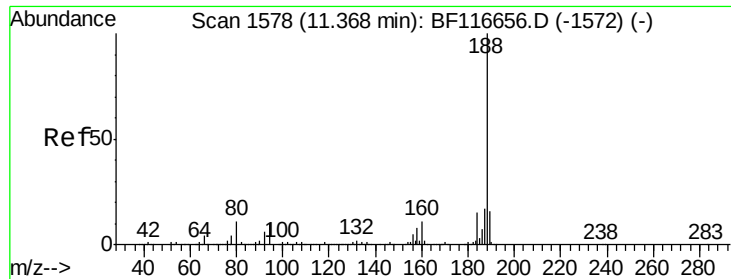
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#50
Dimethylphthalate
Concen: 7.995 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116830.D
Acq: 5 Sep 2019 11:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.8	4.2
164	10.1	8.6	12.8





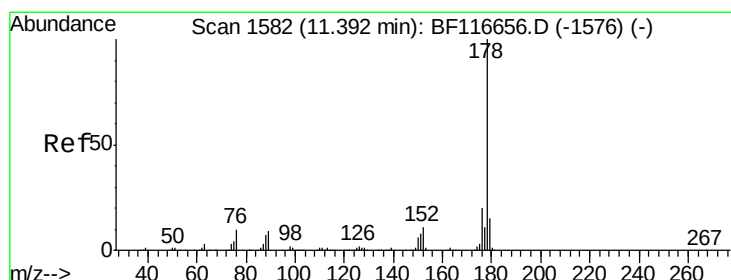
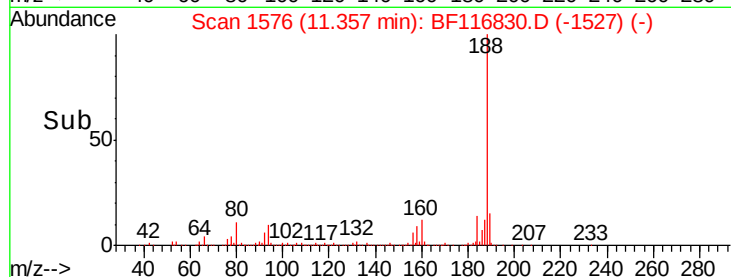
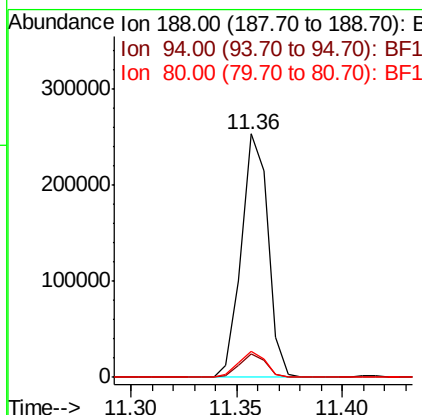
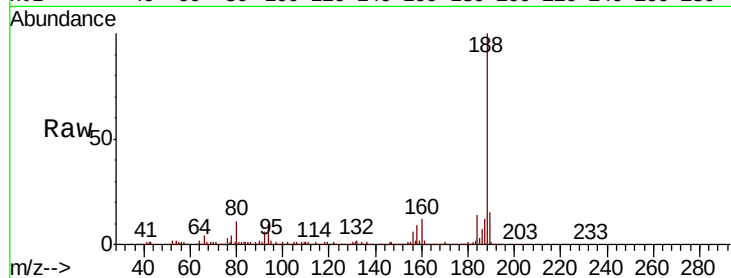
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116830.D
Acq: 5 Sep 2019 11:48

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ClientSampleId :
HF-01

Tot Ion:	188	Resp:	221701
Ion Ratio	Lower	Upper	
188	100		
94	9.9	7.3	10.9
80	10.9	8.4	12.6

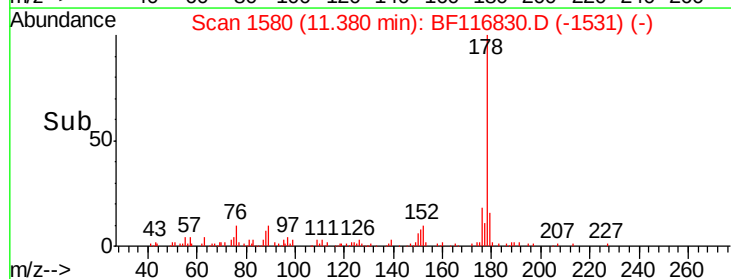
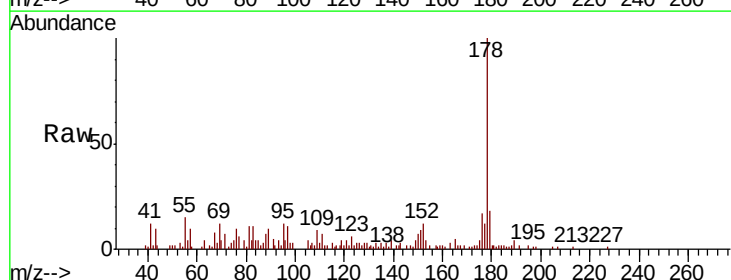
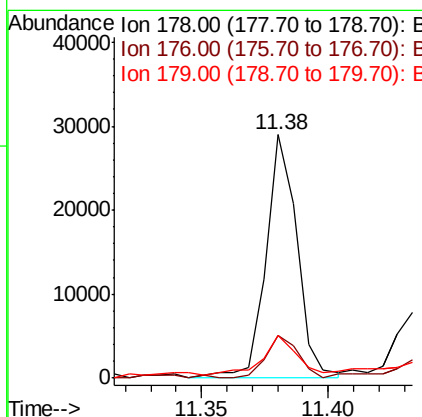
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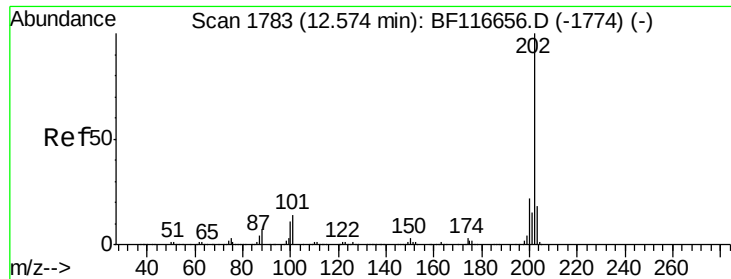
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#71
Phenanthrene
Concen: 2.001 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF116830.D
Acq: 5 Sep 2019 11:48

Tgt Ion:	178	Resp:	24700
Ion Ratio	Lower	Upper	
178	100		
176	17.5	15.4	23.0
179	17.6	12.2	18.2





#75

Fluoranthene

Concen: 3.616 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF116830.D

Acq: 5 Sep 2019 11:48

Instrument :

BNA_F

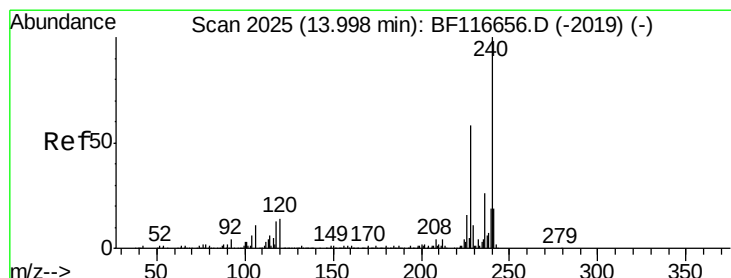
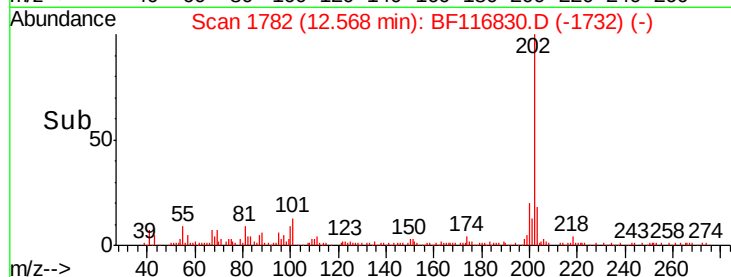
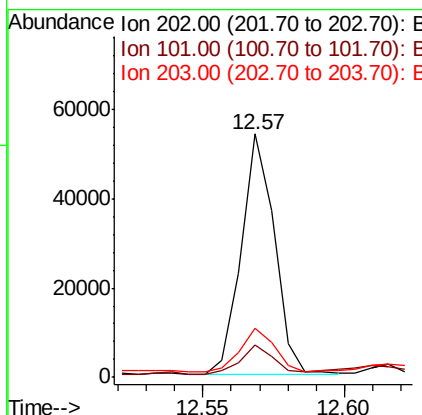
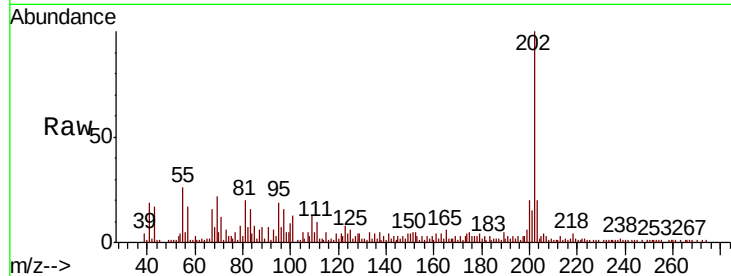
ClientSampleId :

HF-01

Tot Ion:	202	Resp:	43859
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	31.3
203	20.0	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

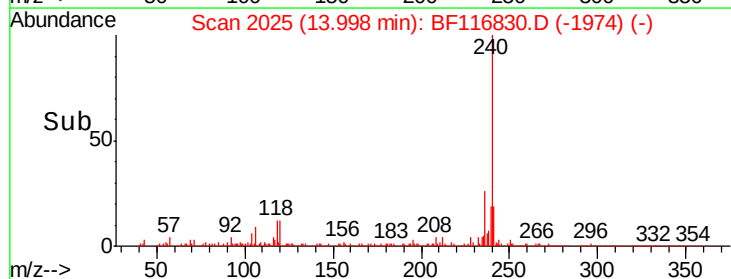
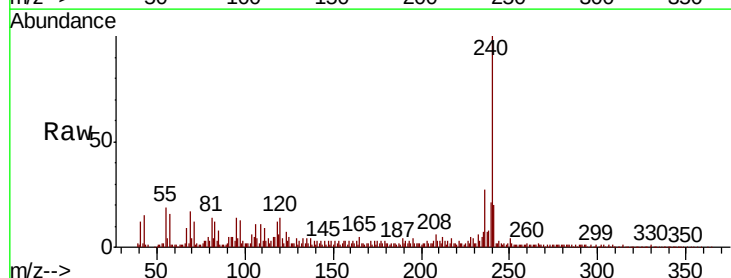
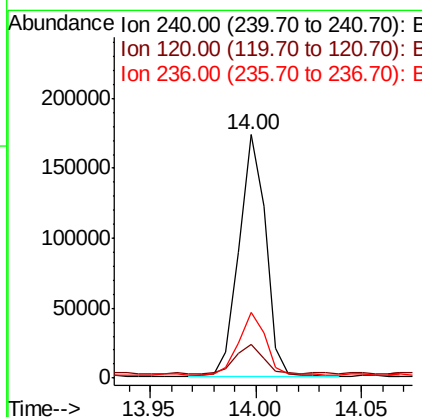
RT: 14.00 min Scan# 2025

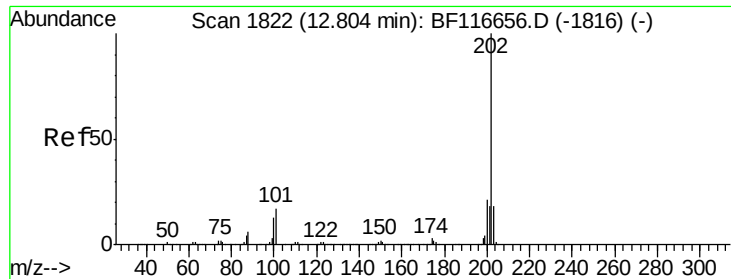
Delta R.T. 0.00 min

Lab File: BF116830.D

Acq: 5 Sep 2019 11:48

Tgt Ion:	240	Resp:	150835
Ion Ratio	Lower	Upper	
240	100		
120	13.8	9.1	13.7#
236	26.9	21.1	31.7





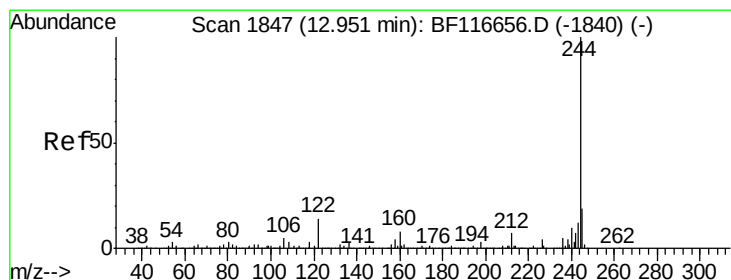
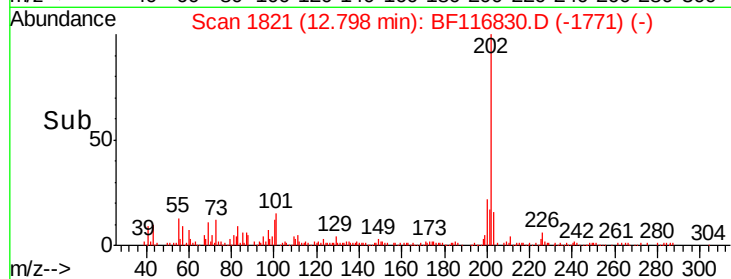
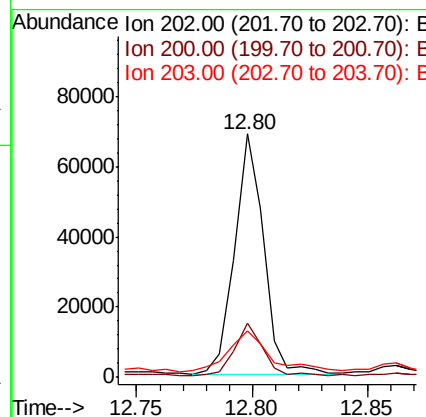
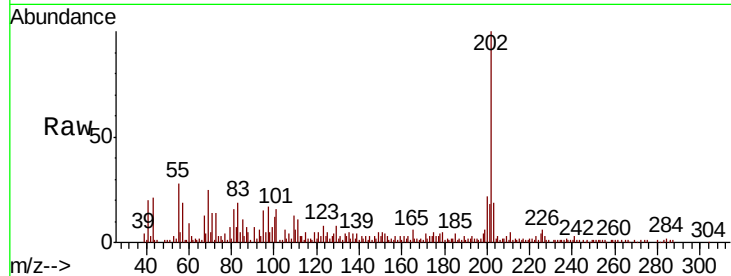
#78
Pvrene
Concen: 4.451 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF116830.D
Acq: 5 Sep 2019 11:48

Instrument :
BNA_F
ClientSampleId :
HF-01

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.1	16.5	24.7
203	19.0	13.7	20.5

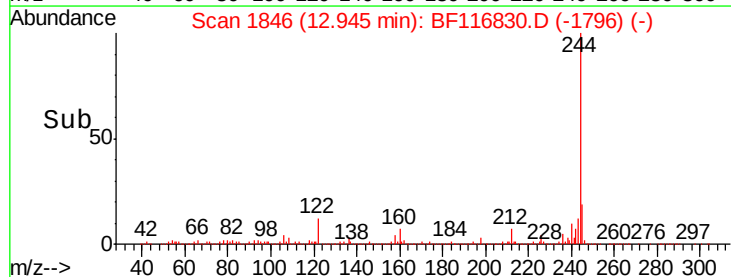
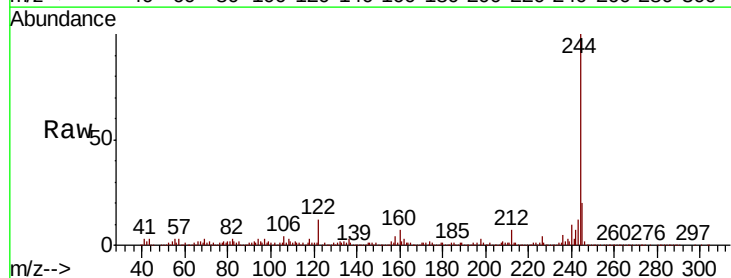
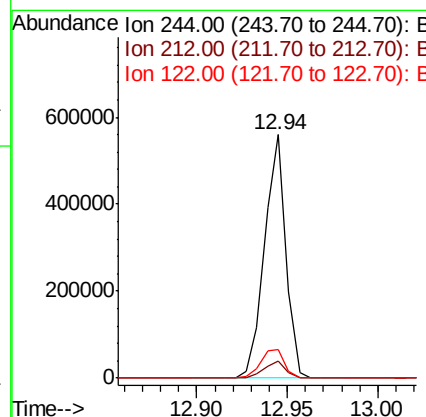
Manual Integrations
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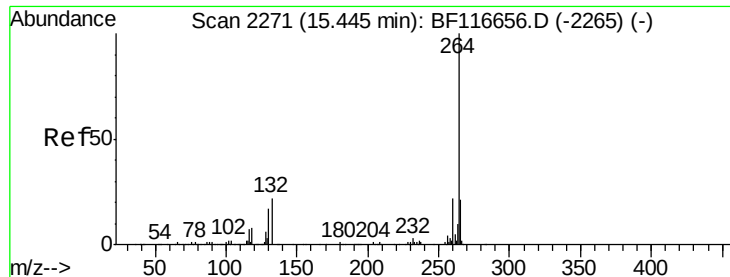
mohammad
9/10/2019 9:52:09 AM



#79
Terphenyl-d14
Concen: 56.343 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116830.D
Acq: 5 Sep 2019 11:48

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	6.1	9.1
122	11.9	10.2	15.4





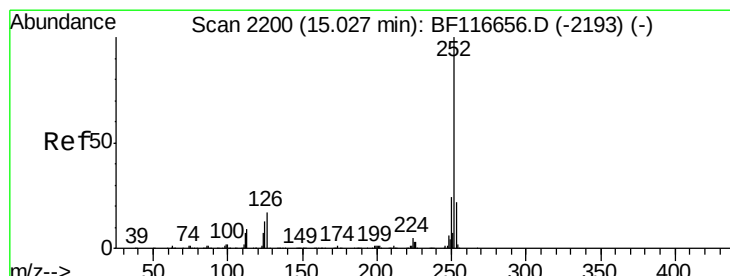
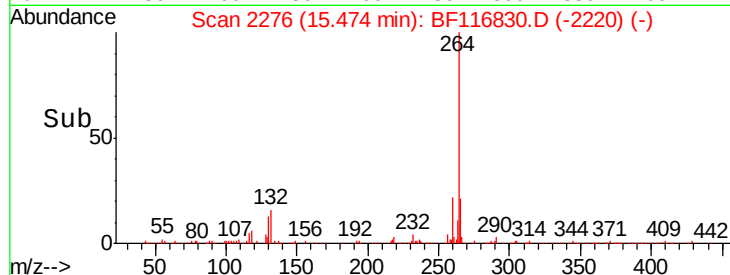
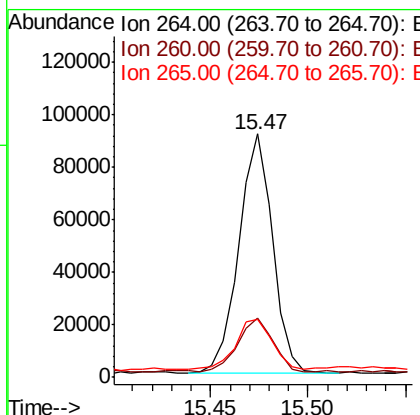
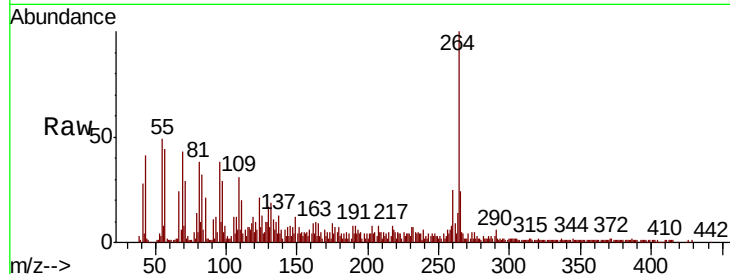
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.03 min
Lab File: BF116830.D
Acq: 5 Sep 2019 11:48

Instrument :
BNA_F
ClientSampleId :
HF-01

Tot Ion:	264	Resp:	108761
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.3	27.5
265	23.8	16.5	24.7

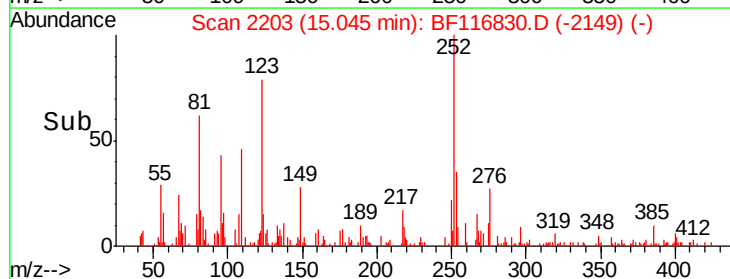
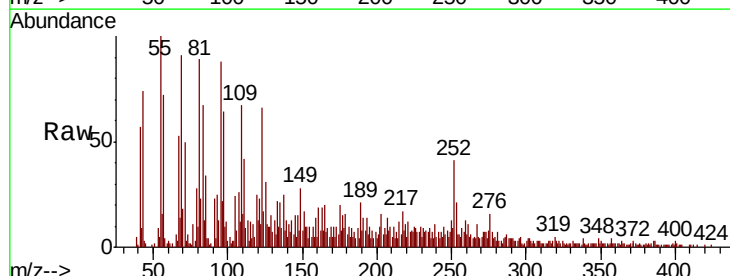
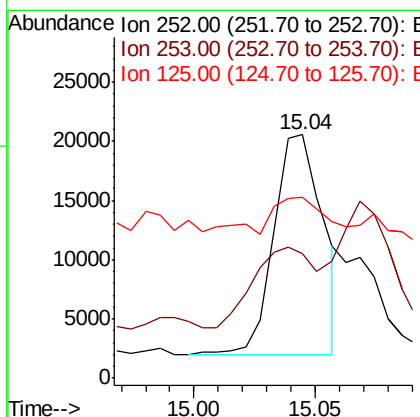
Manual Integrations
APPROVED

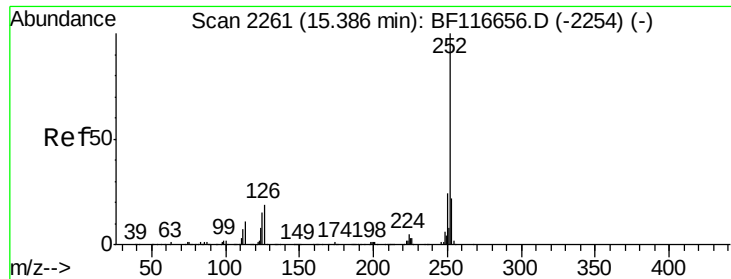
mohammad
9/10/2019 9:52:09 AM



#88
Benzo(b)fluoranthene
Concen: 4.003 ng m
RT: 15.04 min Scan# 2203
Delta R.T. 0.02 min
Lab File: BF116830.D
Acq: 5 Sep 2019 11:48

Tgt Ion:	252	Resp:	26325
Ion Ratio	Lower	Upper	
252	100		
253	51.4	17.7	26.5#
125	74.5	8.2	12.2#





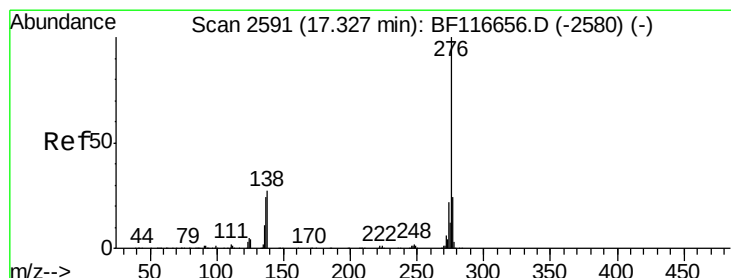
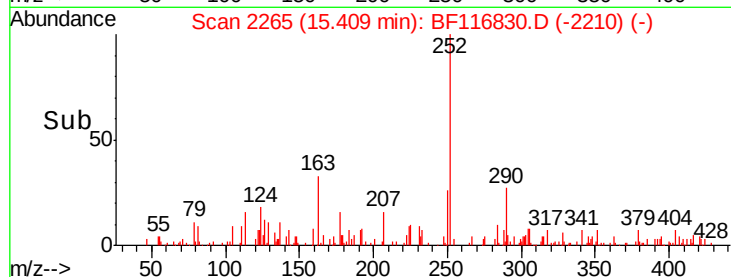
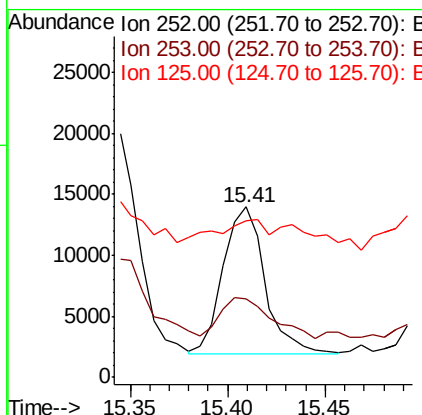
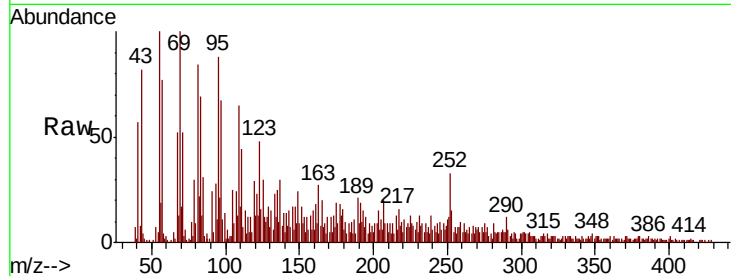
#90
Benzo(a)pyrene
Concen: 3.158 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.02 min
Lab File: BF116830.D
Acq: 5 Sep 2019 11:48

Instrument :
BNA_F
ClientSampled :
HF-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	46.0	18.1	27.1#
125	92.3	9.8	14.8#

Manual Integrations
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mohammad
9/10/2019 9:52:09 AM



#92
Benzo(g,h,i)perylene
Concen: 2.479 ng m
RT: 17.38 min Scan# 2600
Delta R.T. 0.05 min
Lab File: BF116830.D
Acq: 5 Sep 2019 11:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	48.3	18.5	27.7#
138	40.2	16.2	24.2#

