

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113839.D
 Acq On : 19 Apr 2019 1:48
 Operator : JU/SJ
 Sample : K2197-11 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041619-D

Manual Integrations
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Sohil
 4/23/2019 8:16:54 AM

Quant Time: Apr 19 04:59:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	148564	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	501366	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	241062	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	524963	20.00	ng	0.00
76) Chrysene-d12	14.04	240	521099	20.00	ng	0.00
87) Perylene-d12	15.52	264	401512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	413286	46.26	ng	0.00
7) Phenol-d6	6.51	99	496898	44.60	ng	0.00
23) Nitrobenzene-d5	7.45	82	264232	32.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	142898	53.65	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	515441	32.61	ng	0.00
79) Terphenyl-d14	12.99	244	773017	31.11	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	57573	3.413	ng	98
71) Phenanthrene	11.43	178	83571	3.126	ng	98
75) Fluoranthene	12.62	202	178622	6.304	ng	98
78) Pyrene	12.85	202	158090	4.305	ng	97
81) Benzo(a)anthracene	14.03	228	91908	3.017	ng	97
83) Chrysene	14.07	228	80447	2.661	ng	96
88) Benzo(b)fluoranthene	15.09	252	77068m	3.079	ng	
90) Benzo(a)pyrene	15.45	252	48444	2.189	ng	# 93

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

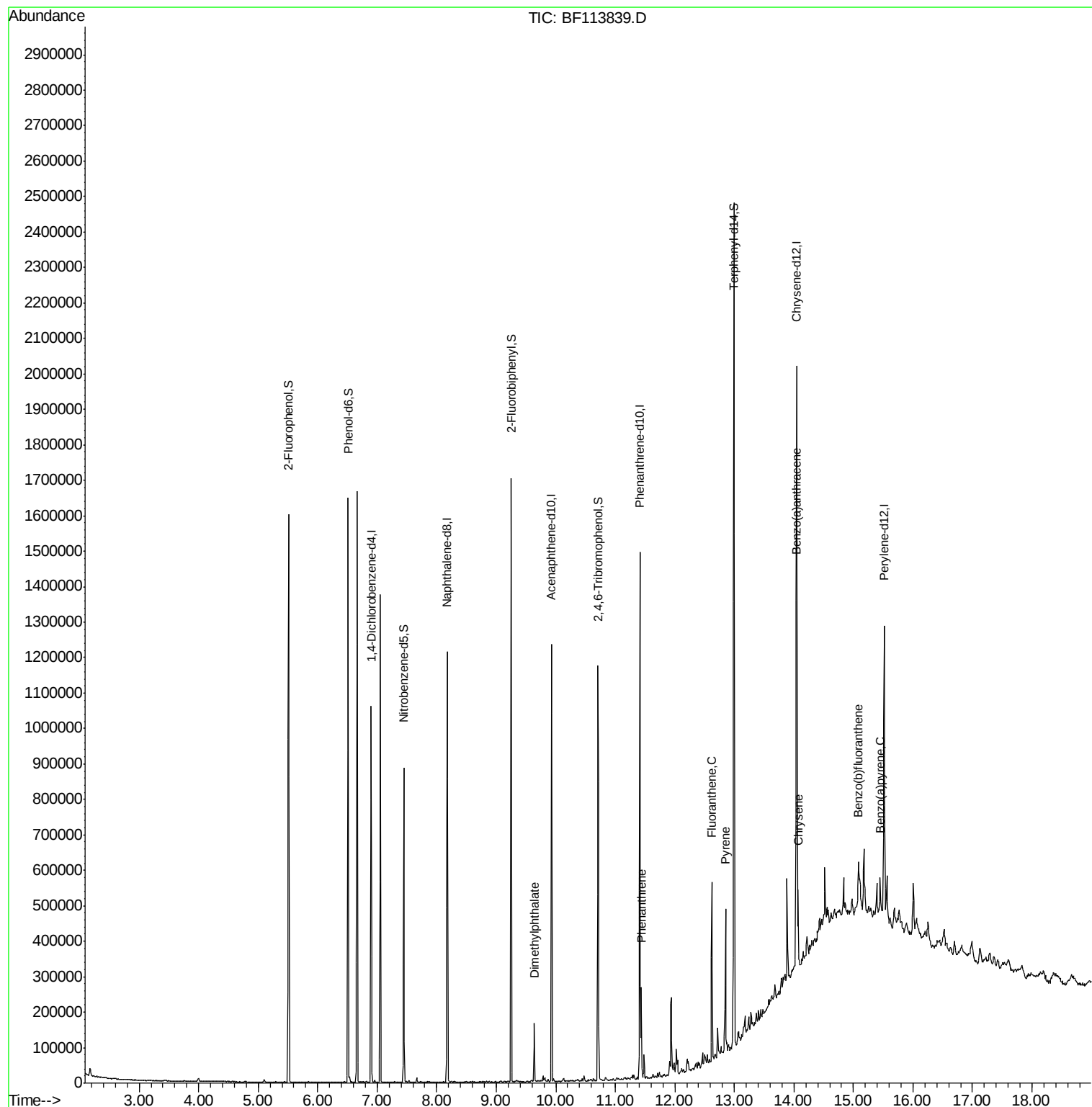
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113839.D
Acq On : 19 Apr 2019 1:48
Operator : JU/SJ
Sample : K2197-11 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

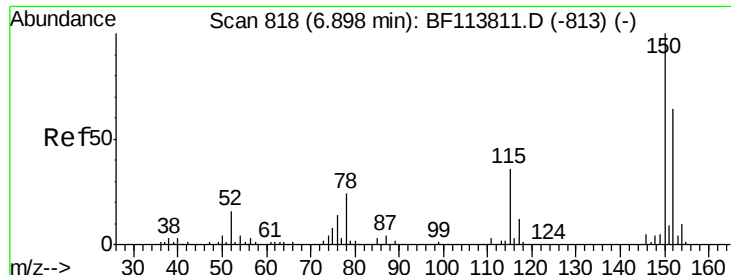
Instrument :
BNA_F
ClientSampleId :
CL-01-041619-D

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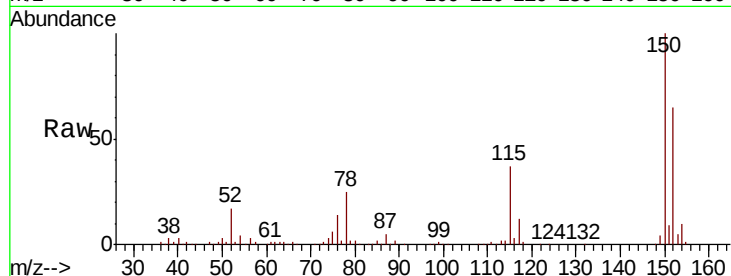
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF113839.D
 Acq: 19 Apr 2019 1:48

Instrument :
 BNA_F
 ClientSampleID :
 CL-01-041619-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.9	188.9
115	57.8	45.9	68.9

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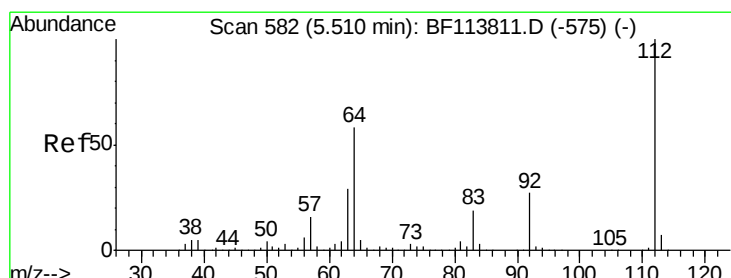
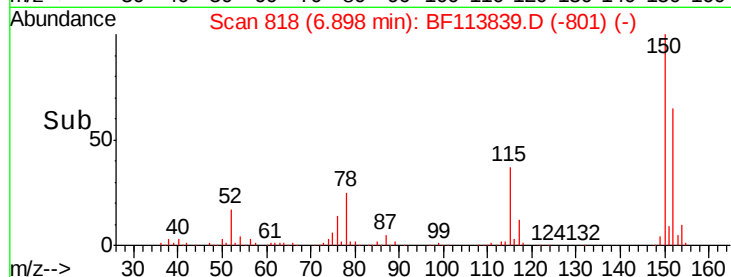
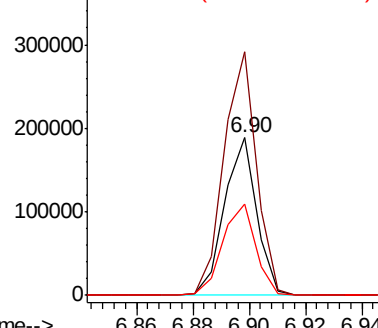


Abundance

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: 46.256 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF113839.D
 Acq: 19 Apr 2019 1:48

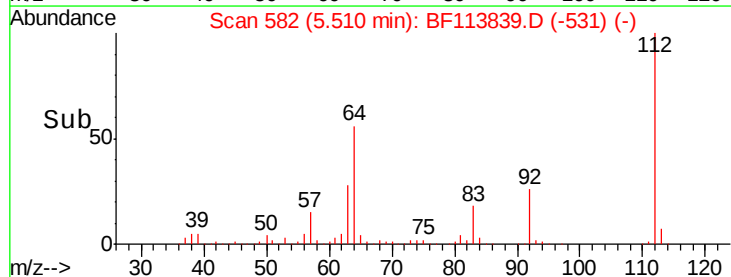
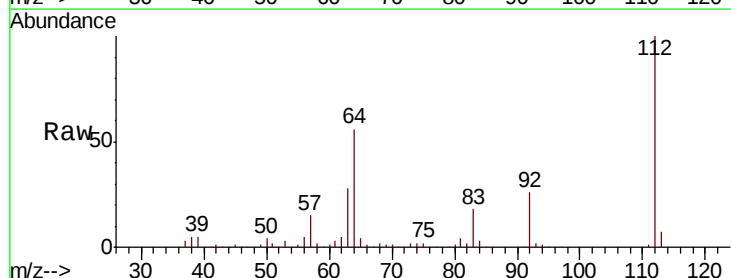
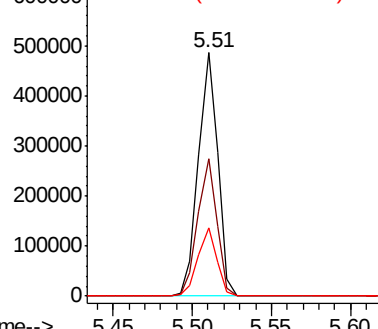
Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	46.6	69.8
63	27.9	23.1	34.7

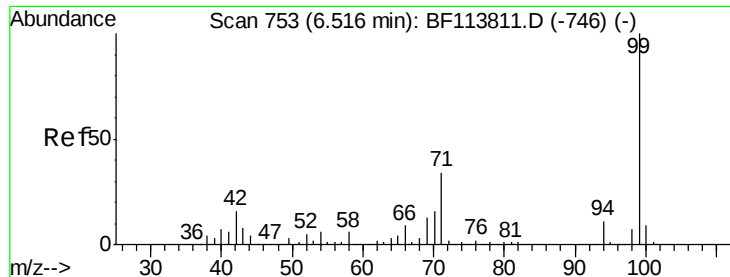
Abundance

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: 44.596 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF113839.D

Acq: 19 Apr 2019 1:48

Instrument :

BNA_F

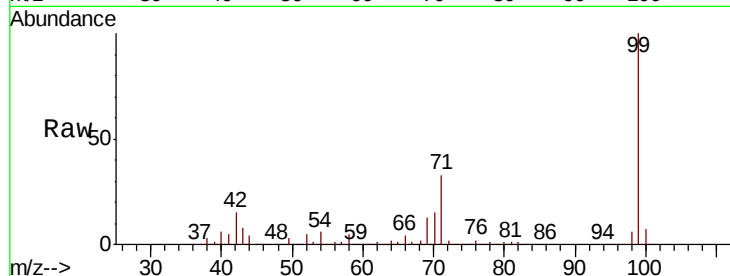
ClientSampleId :

CL-01-041619-D

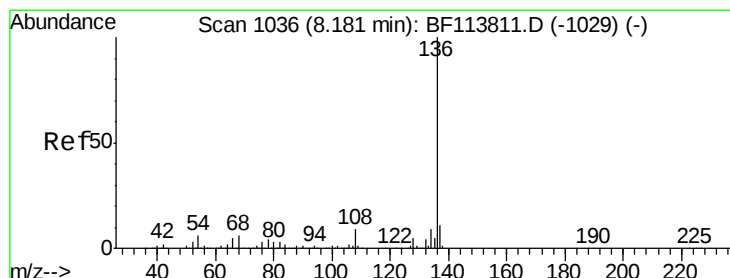
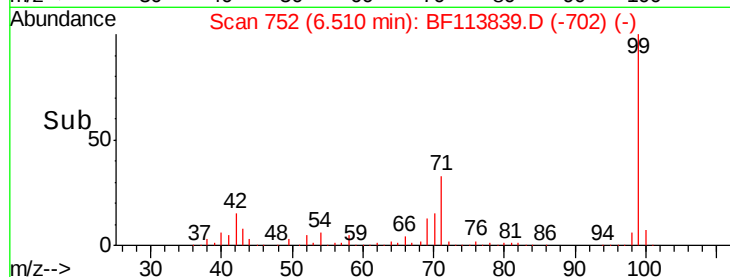
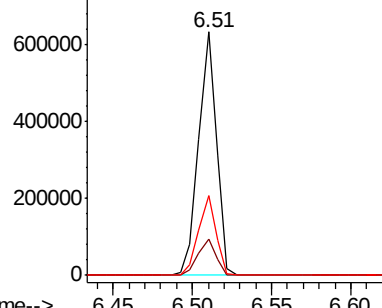
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		496898		
42	15.0	12.5	18.7		
71	32.7	26.9	40.3		

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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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

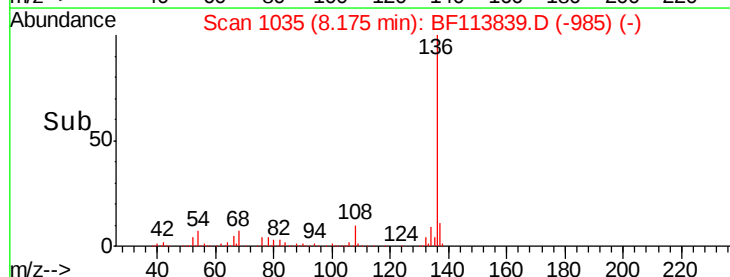
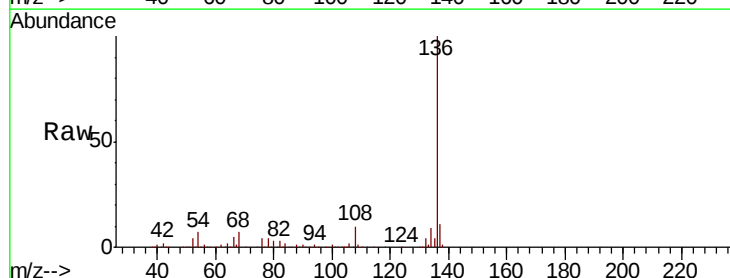
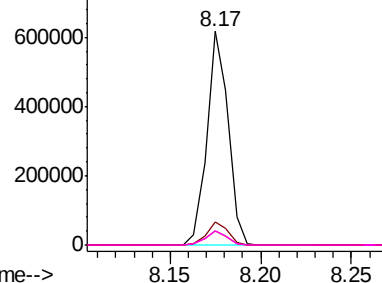
Delta R.T. -0.01 min

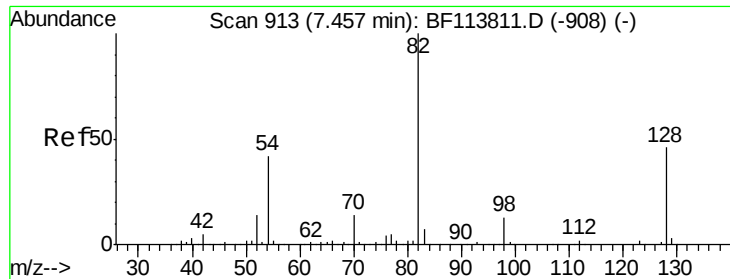
Lab File: BF113839.D

Acq: 19 Apr 2019 1:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		501366		
137	11.0	8.6	12.8		
54	6.8	5.0	7.6		
68	6.8	4.9	7.3		

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





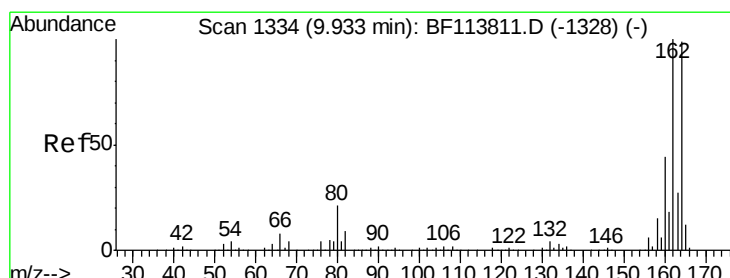
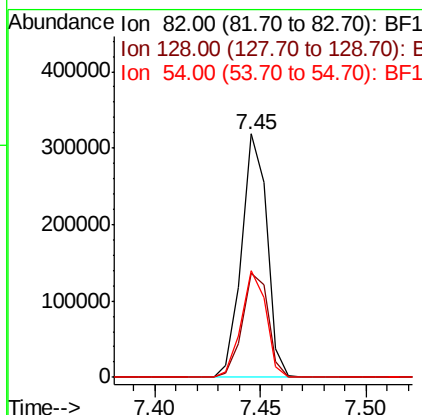
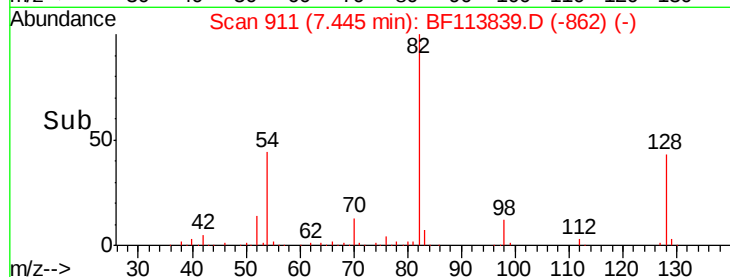
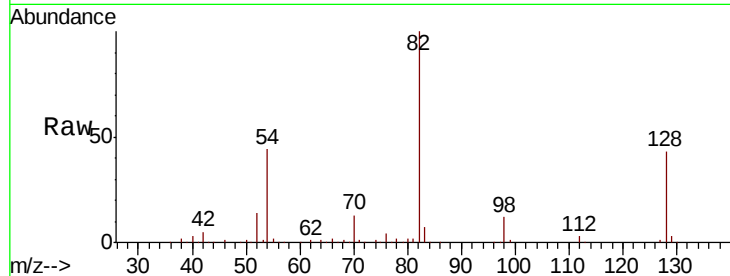
#23
Nitrobenzene-d5
Concen: 32.094 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF113839.D
Acq: 19 Apr 2019 1:48

Instrument :
BNA_F
ClientSampleId :
CL-01-041619-D

Tot Ion	Ratio	Resp	Lower	Upper
82	100	264232		
128	42.6		36.8	55.2
54	43.9		33.8	50.6

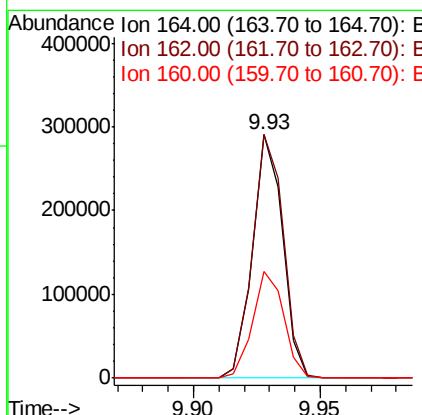
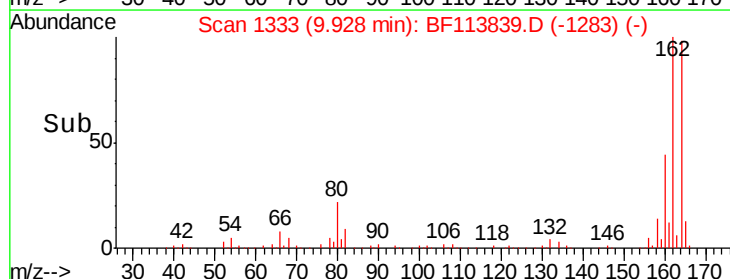
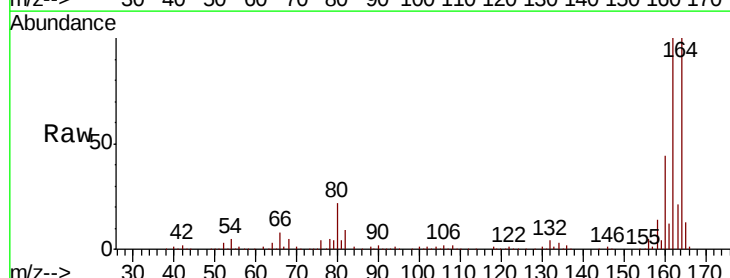
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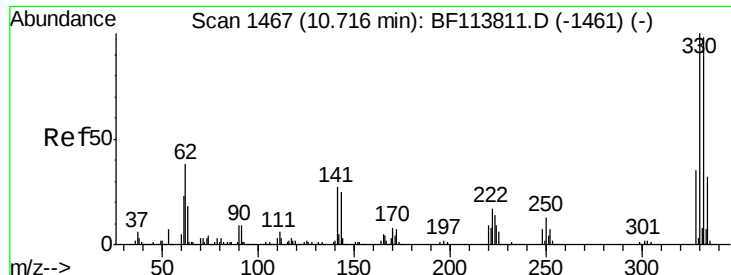
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113839.D
Acq: 19 Apr 2019 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	241062		
162	100.0		81.1	121.7
160	43.6		35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 53.655 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF113839.D

Acq: 19 Apr 2019 1:48

Instrument :

BNA_F

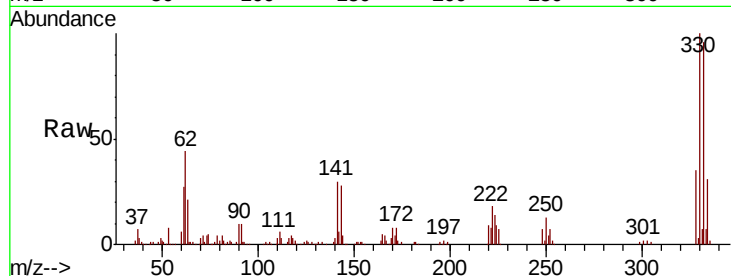
ClientSampleId :

CL-01-041619-D

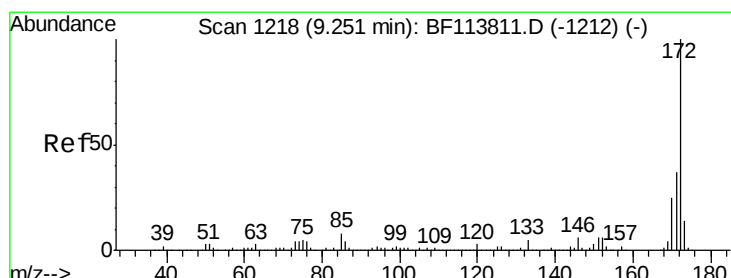
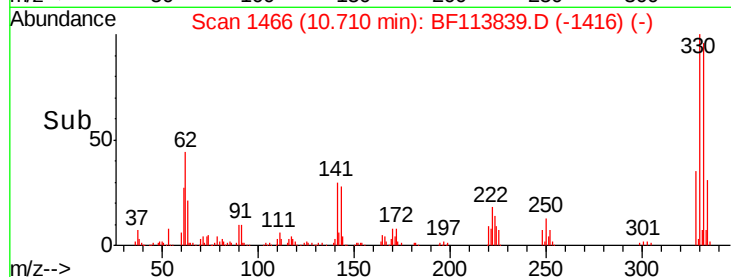
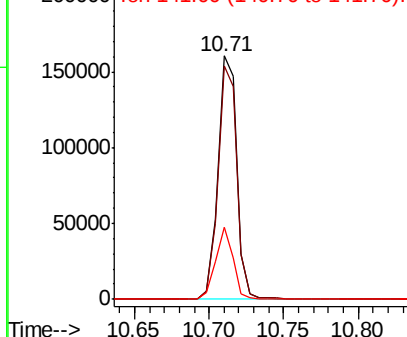
Tot Ion:	330	Resp:	142898
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.5	116.3
141	26.9	22.2	33.2

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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: 32.609 ng

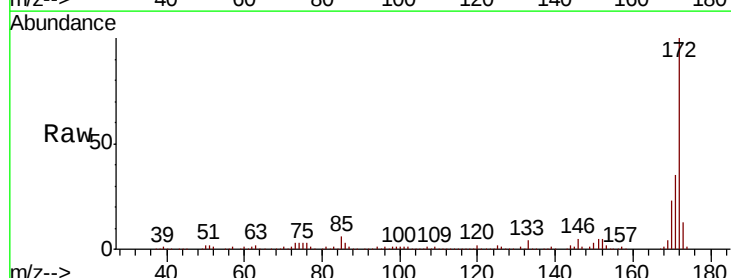
RT: 9.25 min Scan# 1218

Delta R.T. 0.00 min

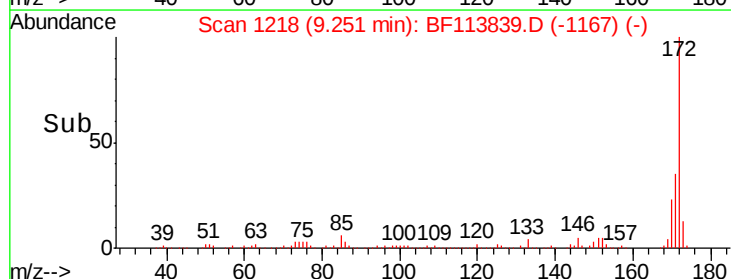
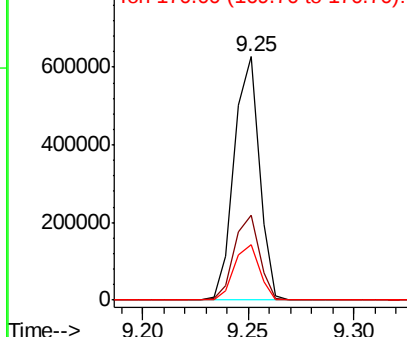
Lab File: BF113839.D

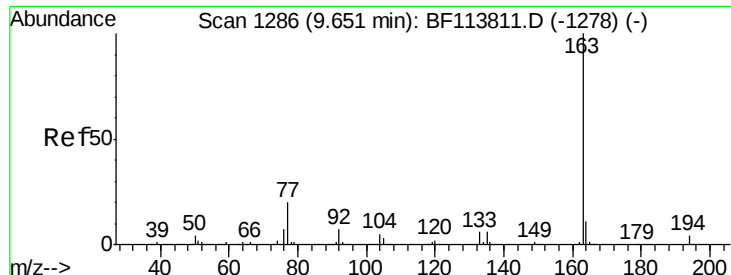
Acq: 19 Apr 2019 1:48

Tgt Ion:	172	Resp:	515441
Ion Ratio	Lower	Upper	
172	100		
171	34.6	29.4	44.0
170	22.8	19.9	29.9



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: 3.413 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF113839.D

Acq: 19 Apr 2019 1:48

Instrument :

BNA_F

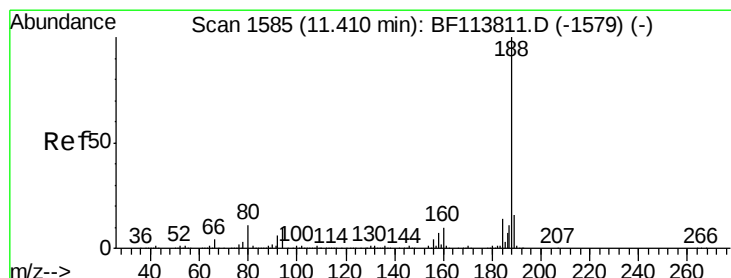
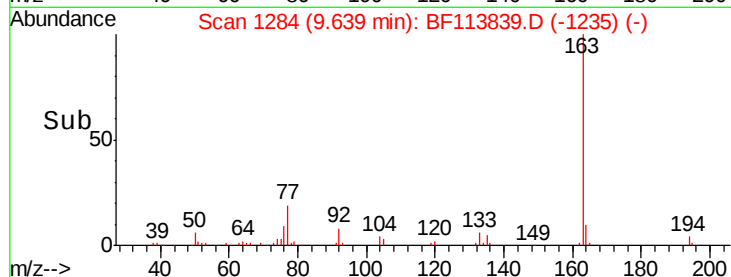
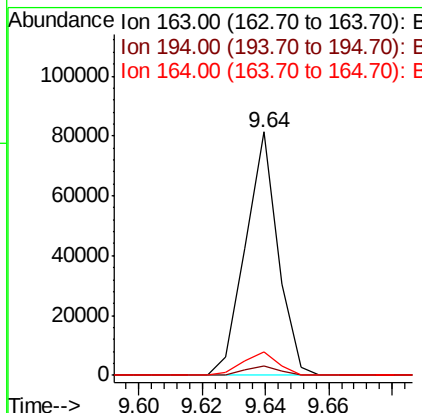
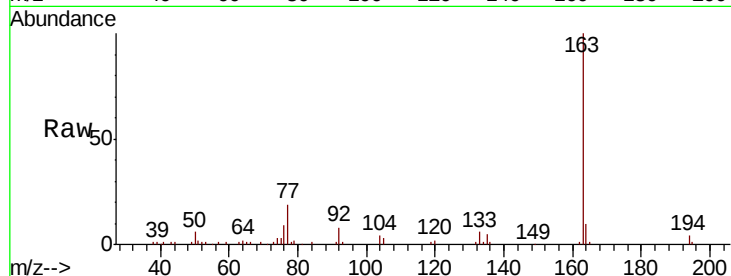
ClientSampleID :

CL-01-041619-D

Tot Ion:	163	Resp:	57573
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.4	5.2
164	9.7	8.5	12.7

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

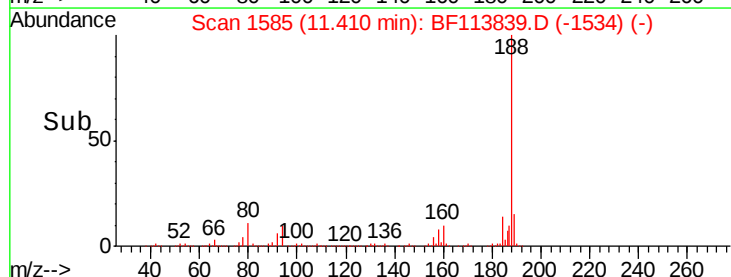
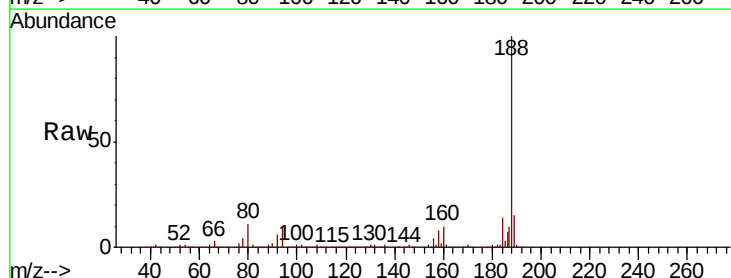
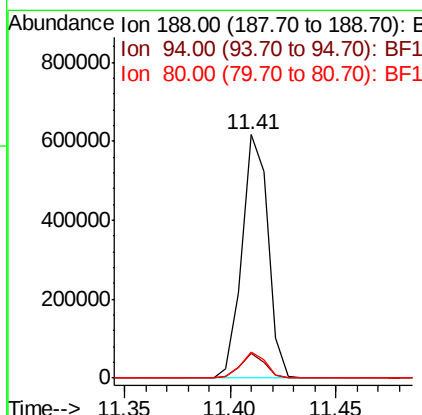
RT: 11.41 min Scan# 1585

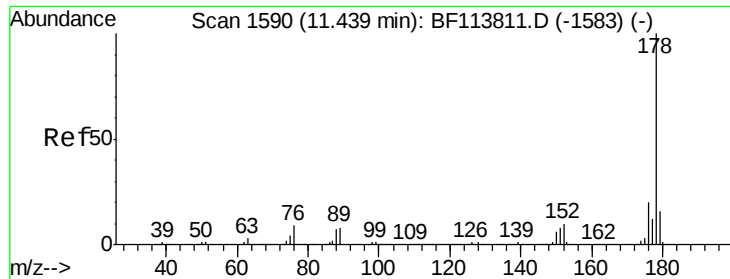
Delta R.T. 0.00 min

Lab File: BF113839.D

Acq: 19 Apr 2019 1:48

Tgt Ion:	188	Resp:	524963
Ion Ratio	Lower	Upper	
188	100		
94	10.0	8.2	12.4
80	10.7	9.0	13.6





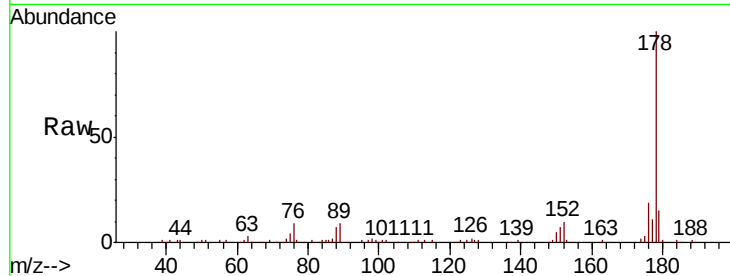
#71
Phenanthrene
Concen: 3.126 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF113839.D
Acq: 19 Apr 2019 1:48

Instrument :
BNA_F
ClientSampleId :
CL-01-041619-D

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.1	24.1
179	14.7	12.8	19.2

Manual Integrations
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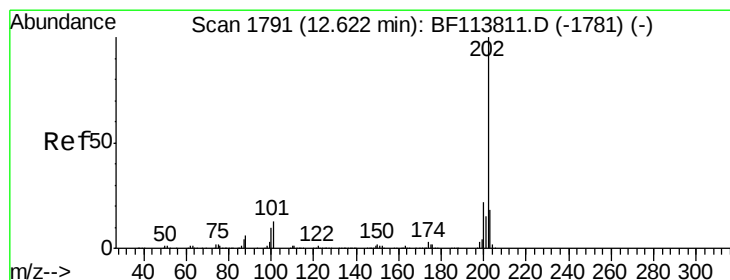
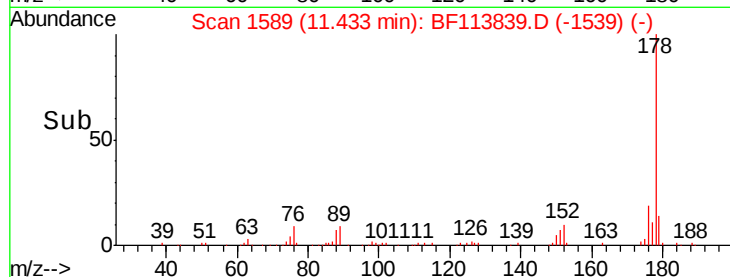
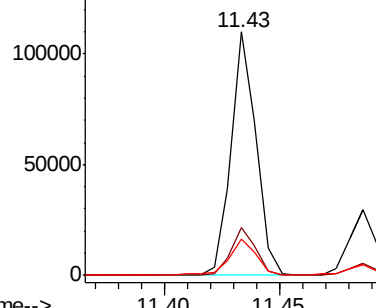


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 6.304 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF113839.D
Acq: 19 Apr 2019 1:48

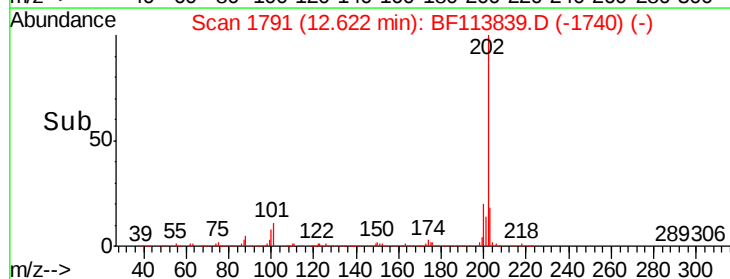
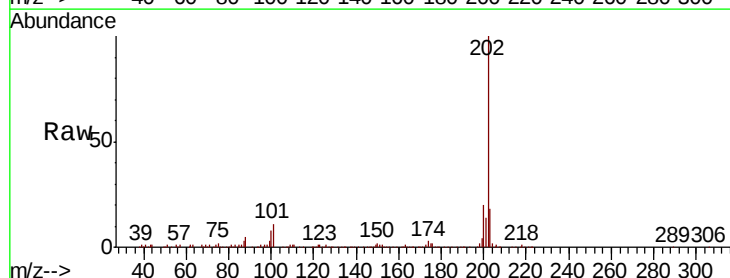
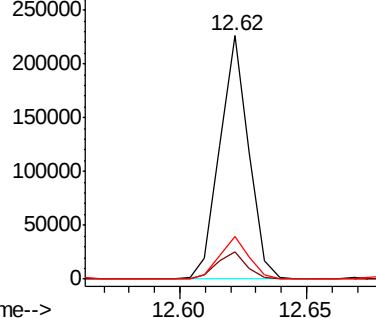
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.9
203	17.7	0.0	38.2

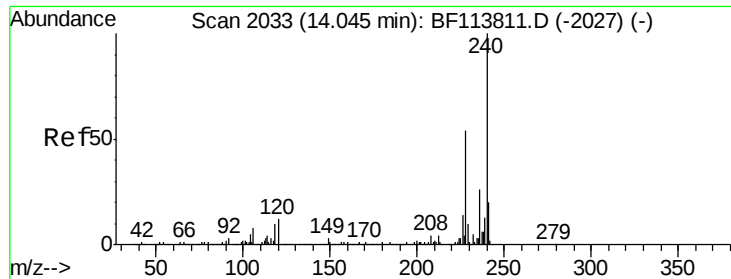
Abundance

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





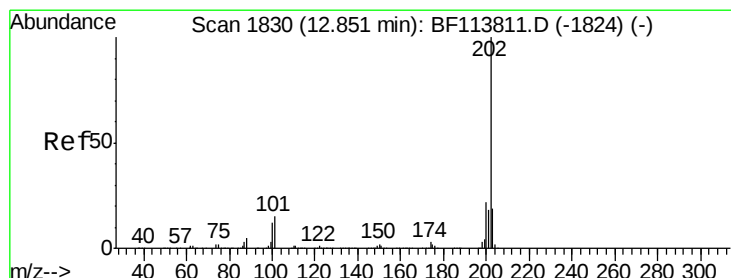
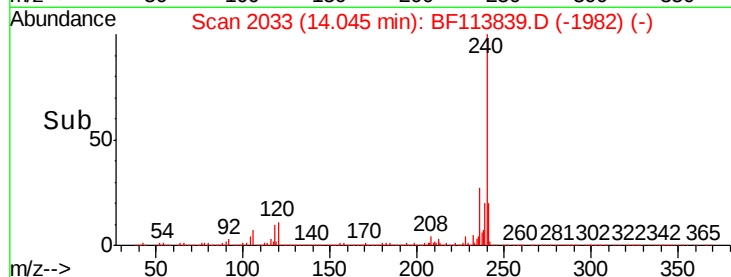
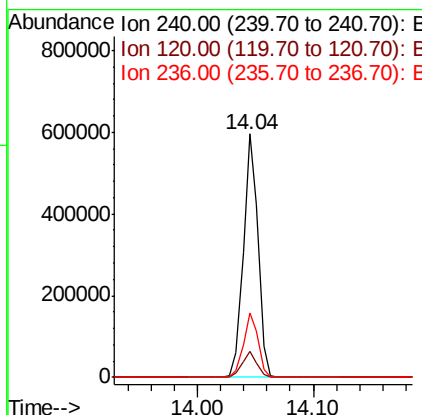
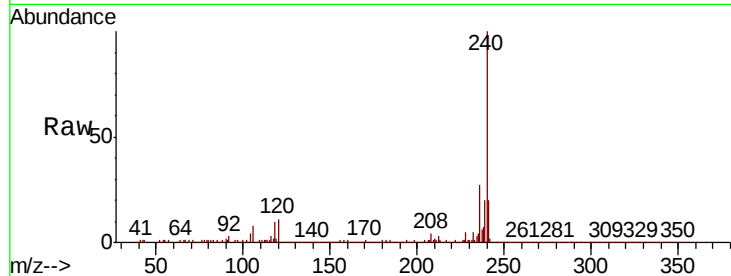
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF113839.D
Acq: 19 Apr 2019 1:48

Instrument :
BNA_F
ClientSampleId :
CL-01-041619-D

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.3	13.9
236	26.6	21.2	31.8

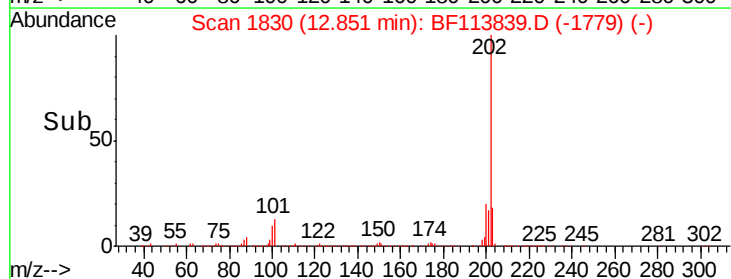
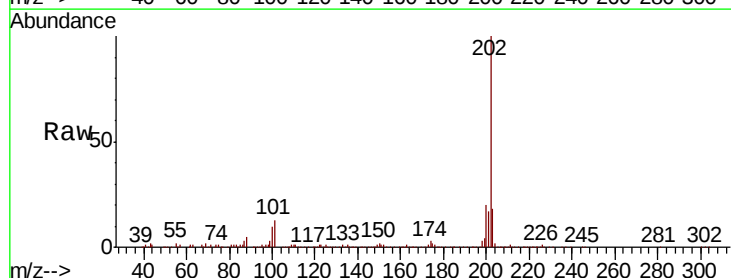
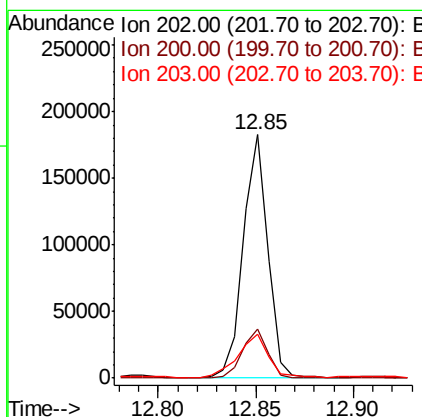
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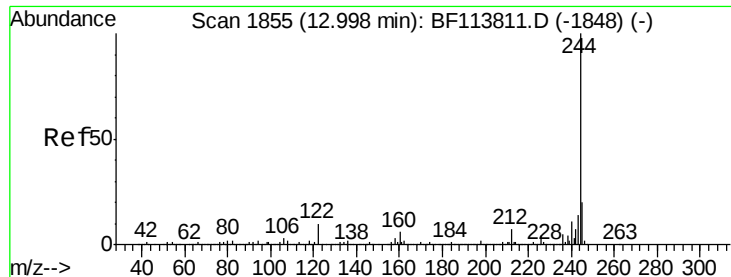
Sohil
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#78
Pyrene
Concen: 4.305 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF113839.D
Acq: 19 Apr 2019 1:48

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.7	26.5
203	18.0	15.0	22.6





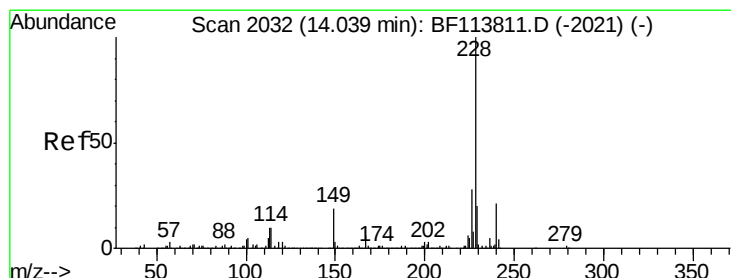
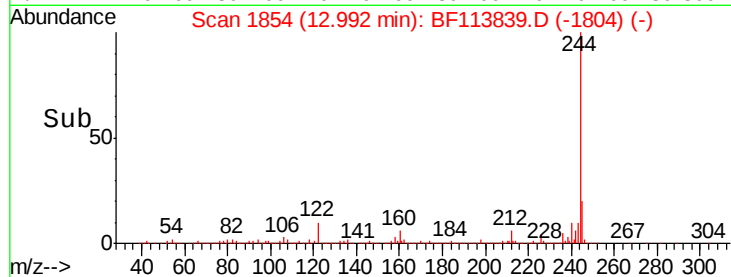
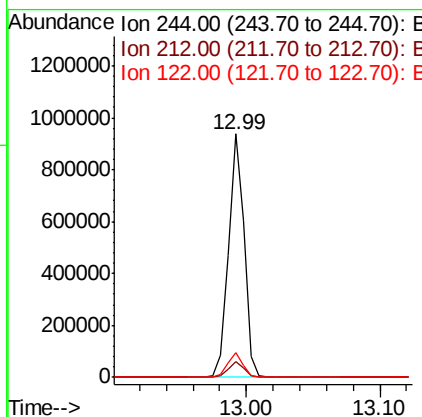
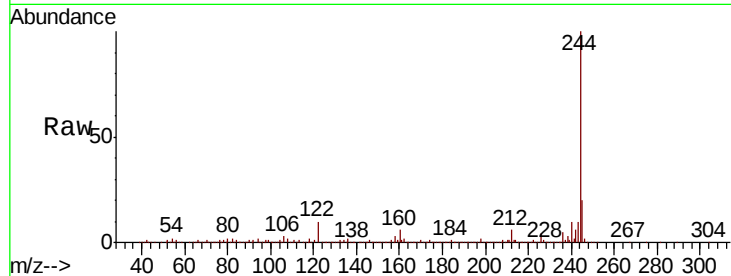
#79
 Terphenyl-d14
 Concen: 31.107 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF113839.D
 Acq: 19 Apr 2019 1:48

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041619-D

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	10.3	7.6	11.4

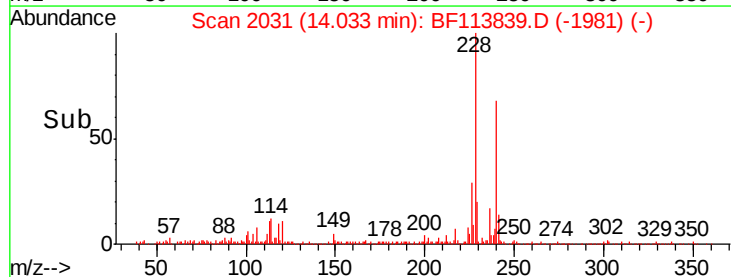
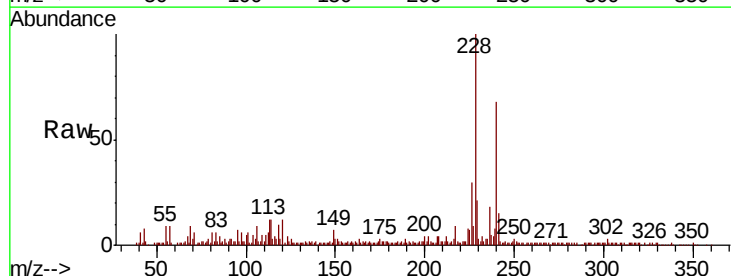
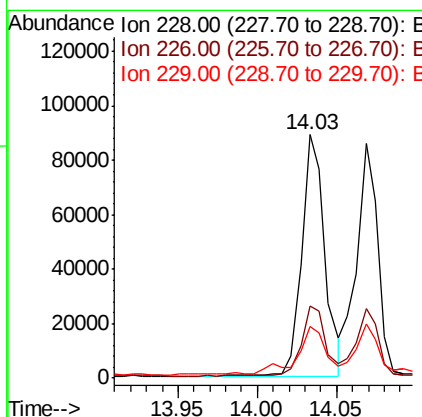
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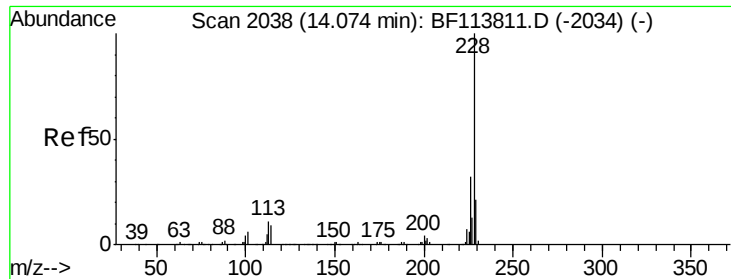
Sohil
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#81
 Benzo(a)anthracene
 Concen: 3.017 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF113839.D
 Acq: 19 Apr 2019 1:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.2	33.2
229	21.2	16.0	24.0





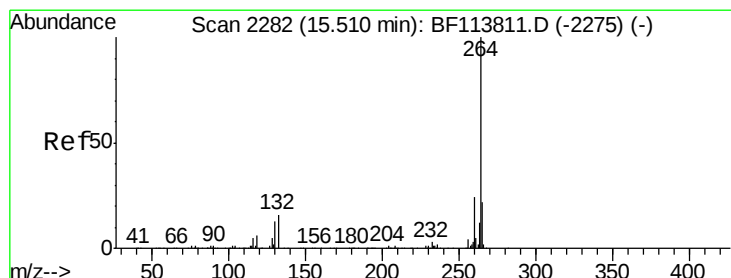
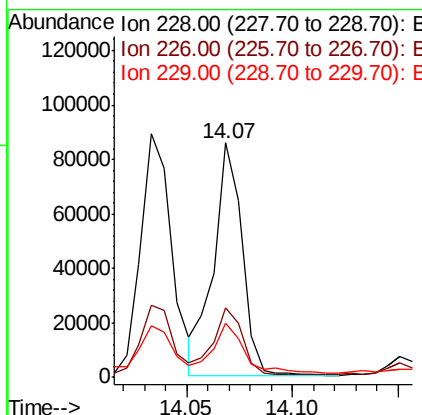
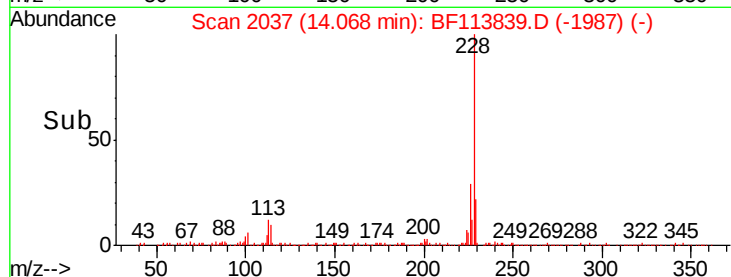
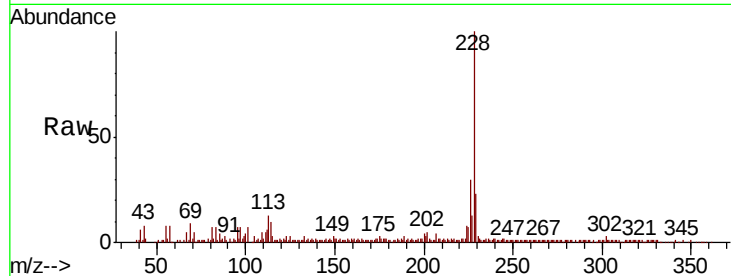
#83
Chrysene
Concen: 2.661 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF113839.D
Acq: 19 Apr 2019 1:48

Instrument :
BNA_F
ClientSampleId :
CL-01-041619-D

Tot Ion:	228	Resp:	80447
Ion Ratio	Lower	Upper	
228	100		
226	29.7	25.2	37.8
229	23.2	16.7	25.1

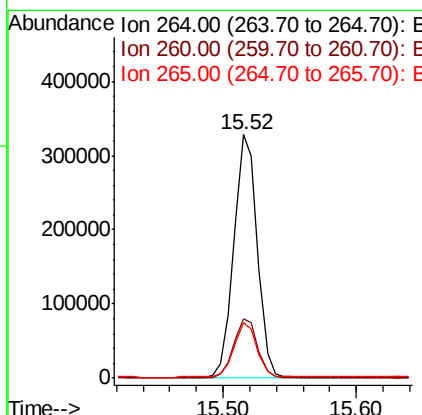
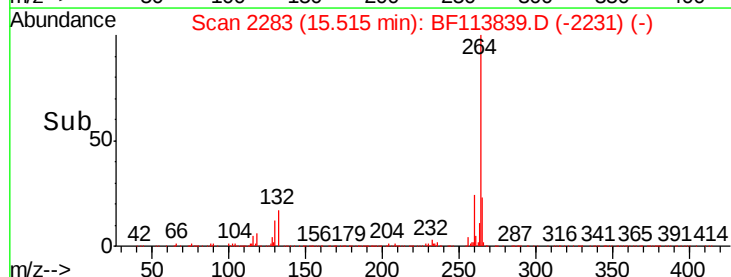
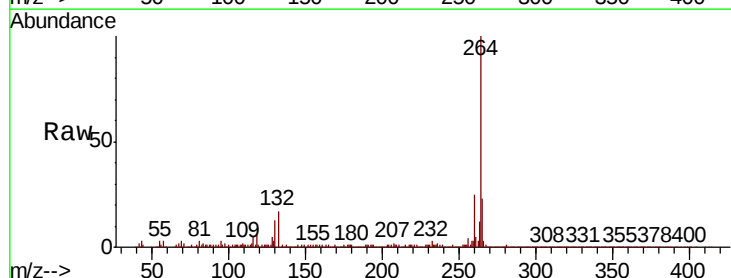
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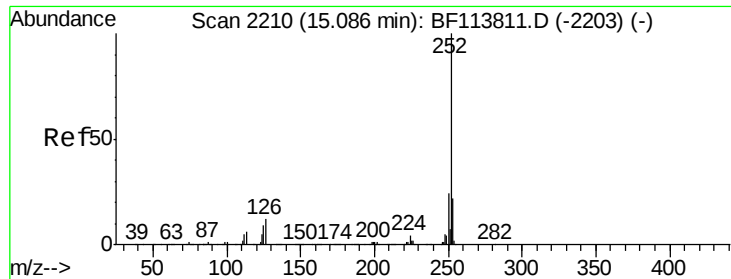
Sohil
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF113839.D
Acq: 19 Apr 2019 1:48

Tgt Ion:	264	Resp:	401512
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.9	28.3
265	22.9	17.3	25.9





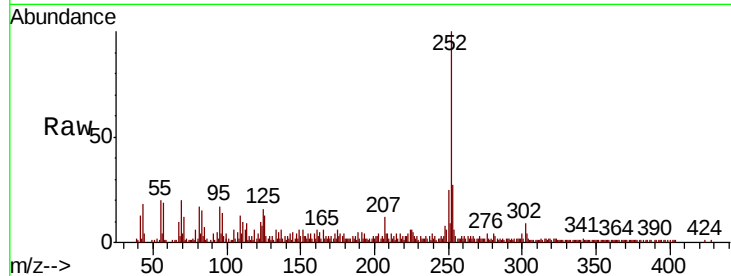
#88
Benzo(b)fluoranthene
Concen: 3.079 ng m
RT: 15.09 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BF113839.D
Acq: 19 Apr 2019 1:48

Instrument :
BNA_F
ClientSampleId :
CL-01-041619-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.8	26.6#
125	15.6	7.0	10.6#

Manual Integrations
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4/23/2019 8:16:54 AM

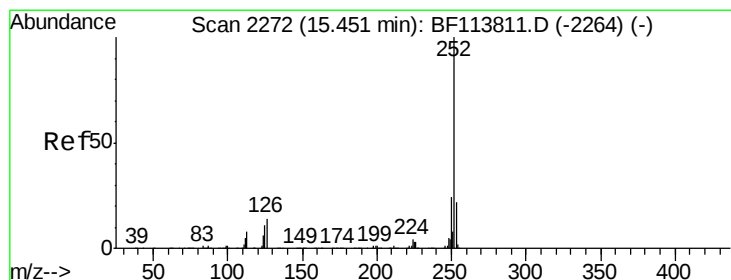
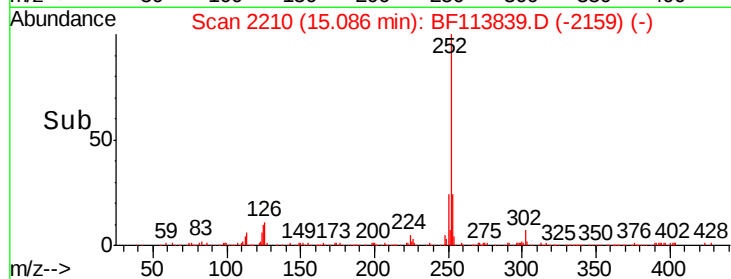
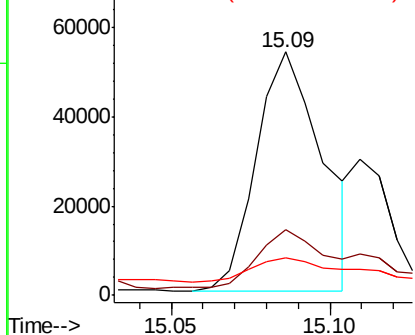


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 2.189 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BF113839.D
Acq: 19 Apr 2019 1:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	15.9	8.5	12.7#

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

