

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116696.D
 Acq On : 31 Aug 2019 13:50
 Operator : HP/JU
 Sample : K4645-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S700B1-N-0.0-0.5-083019

Manual Integrations
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mohammad
 9/5/2019 9:23:25 AM

Quant Time: Sep 03 04:08:15 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	106739	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	430822	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	219378	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	367642	20.00	ng	0.00
76) Chrysene-d12	13.99	240	238411	20.00	ng	0.00
87) Perylene-d12	15.44	264	265387	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	688227	104.46	ng	0.00
7) Phenol-d6	6.47	99	940229	108.68	ng	0.00
23) Nitrobenzene-d5	7.40	82	579339	76.77	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	184959	126.12	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1012482	77.85	ng	0.00
79) Terphenyl-d14	12.95	244	970320	75.29	ng	0.00
Target Compounds						
32) Benzoic acid	7.82	122	10840	3.331	ng	97
50) Dimethylphthalate	9.59	163	105183	6.945	ng	97
71) Phenanthrene	11.38	178	49522	2.420	ng	99
75) Fluoranthene	12.57	202	145500	7.234	ng	98
78) Pyrene	12.80	202	120455	5.684	ng	99
81) Benzo(a)anthracene	13.98	228	48550	3.218	ng	97
83) Chrysene	14.02	228	63279	4.071	ng	98
86) Indeno(1,2,3-cd)pyrene	16.87	276	35348	2.831	ng	99
88) Benzo(b)fluoranthene	15.02	252	80887m	5.041	ng	
90) Benzo(a)pyrene	15.38	252	43155	3.091	ng	95
92) Benzo(g,h,i)perylene	17.32	276	32241	2.587	ng	# 84

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

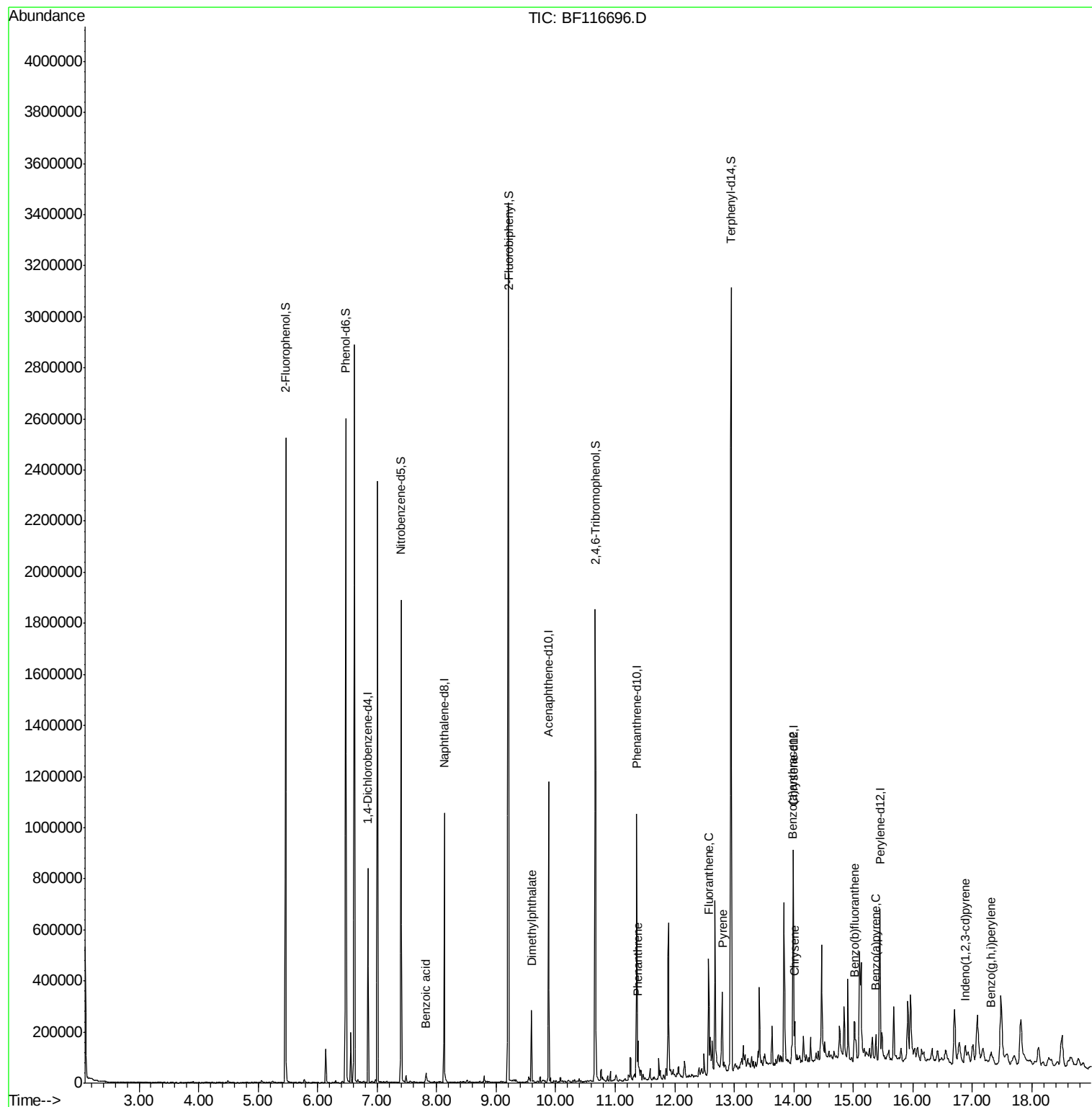
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116696.D
Acq On : 31 Aug 2019 13:50
Operator : HP/JU
Sample : K4645-11
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S700B1-N-0.0-0.5-083019

Manual Integrations
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

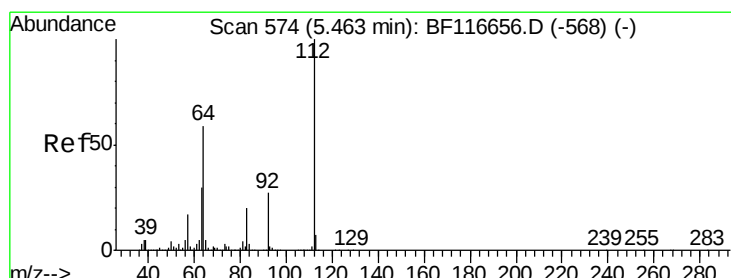
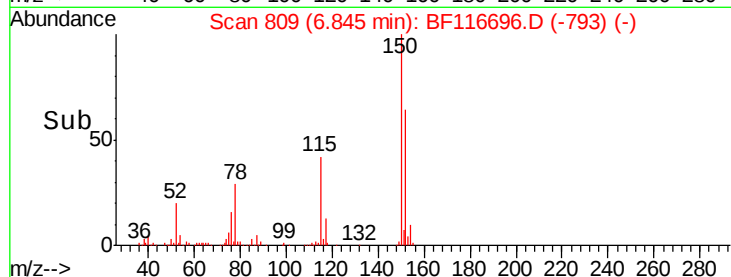
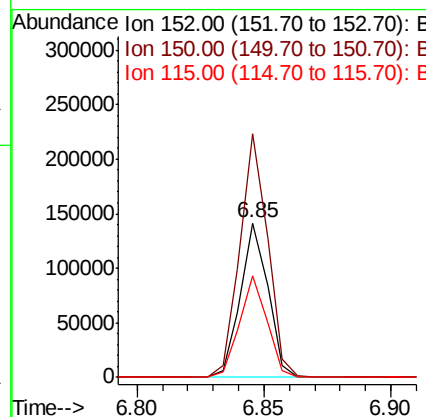
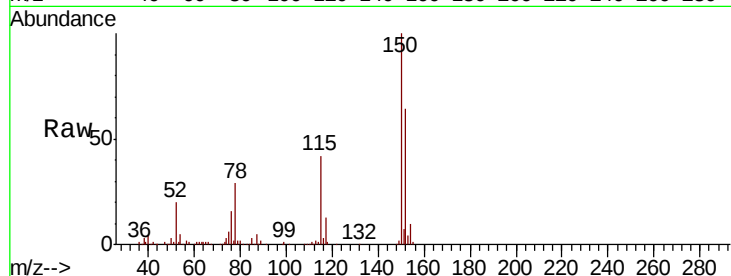
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S700B1-N-0.0-0.5-083019

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.4	186.6
115	65.8	49.9	74.9

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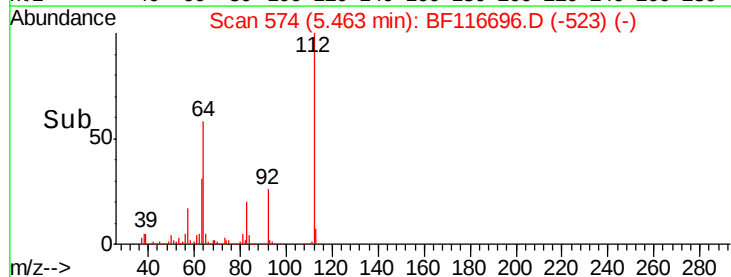
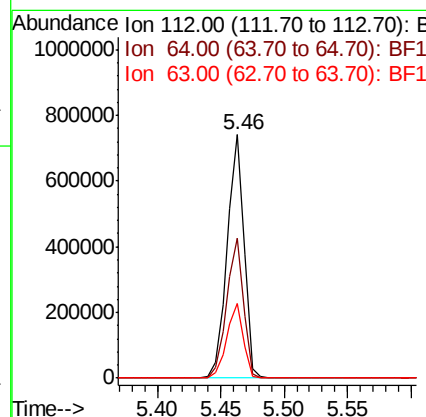
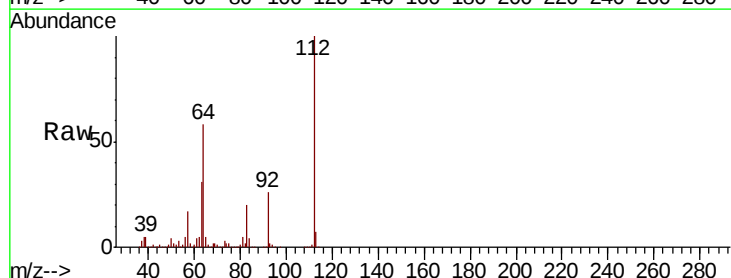
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#5

2-Fluorophenol
Concen: 104.457 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.1	70.7
63	30.6	24.9	37.3





#7

Phenol-d6

Concen: 108.677 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116696.D

Acq: 31 Aug 2019 13:50

Instrument :

BNA_F

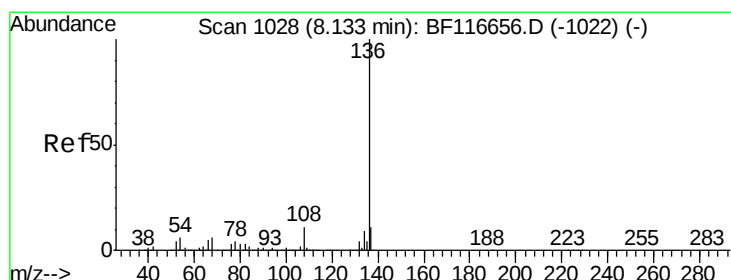
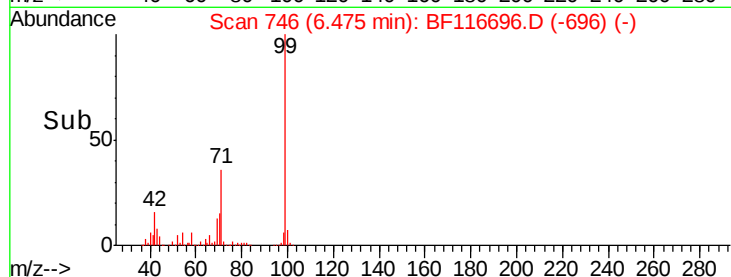
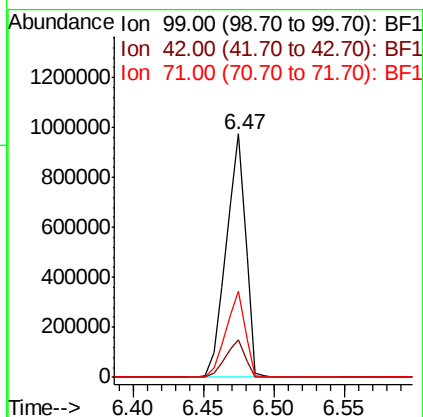
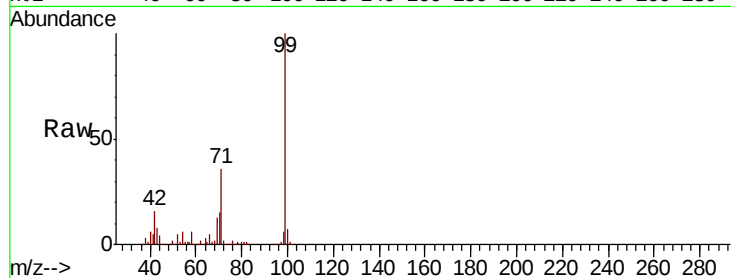
ClientSampleId :

S700B1-N-0.0-0.5-083019

Tot Ion:	99	Resp:	940229
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.7	20.5
71	35.6	30.8	46.2

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#21

Naphthalene-d8

Concen: 20.000 ng

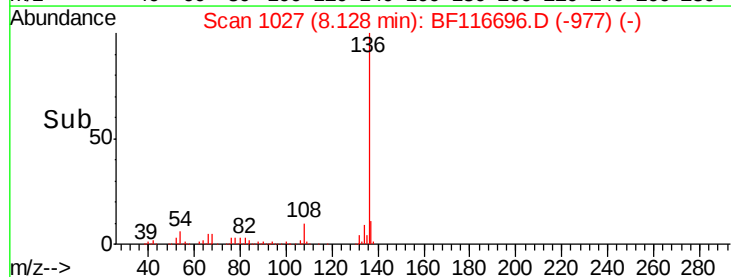
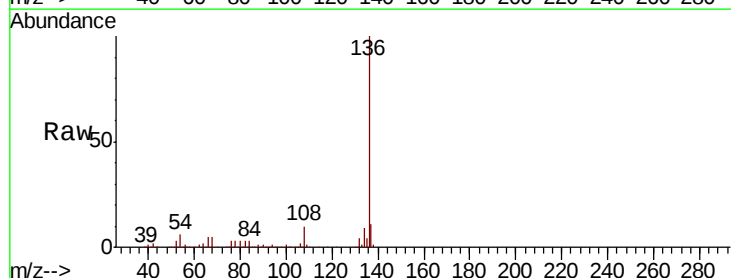
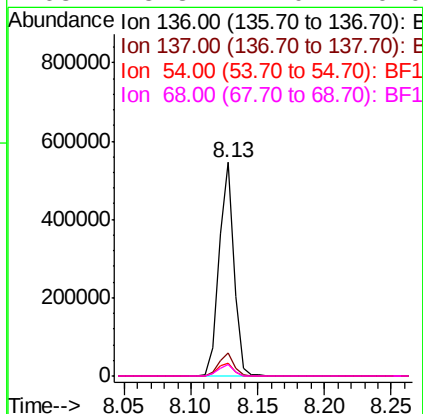
RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116696.D

Acq: 31 Aug 2019 13:50

Tgt Ion:	136	Resp:	430822
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	5.8	4.8	7.2
68	5.3	4.0	6.0





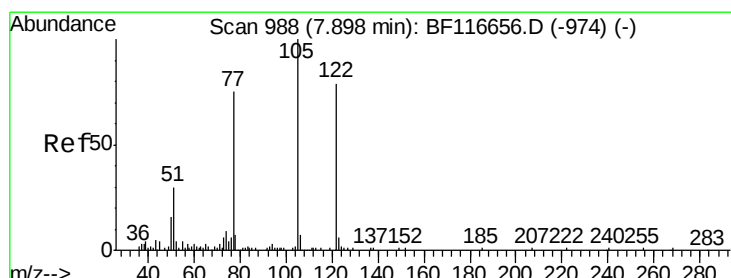
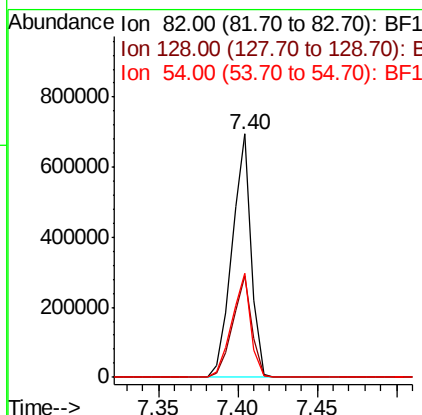
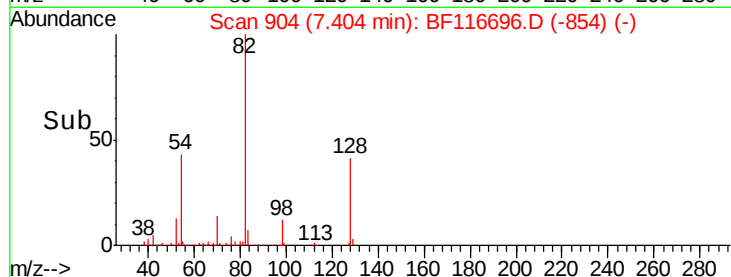
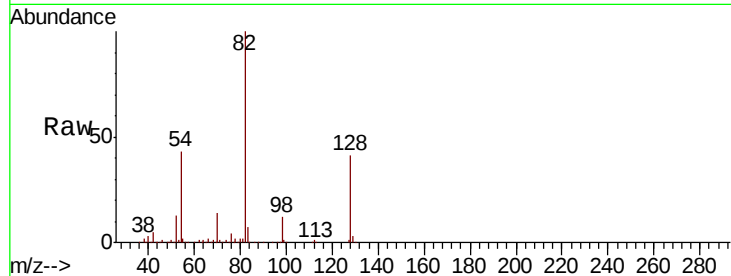
#23
 Nitrobenzene-d5
 Concen: 76.767 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116696.D
 Acq: 31 Aug 2019 13:50

Instrument :
 BNA_F
 ClientSampleId :
 S700B1-N-0.0-0.5-083019

Tot Ion	82	Resp	579339
Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.8	49.2
54	42.5	36.9	55.3

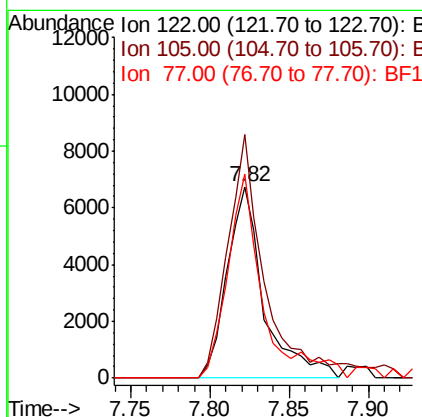
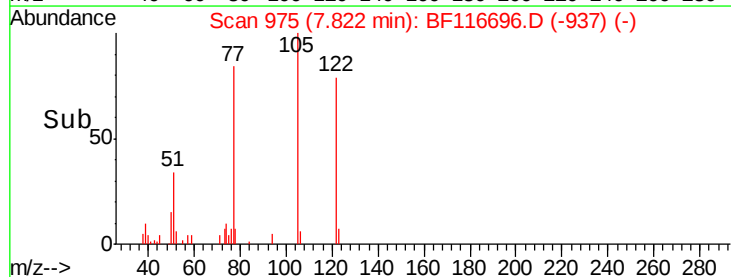
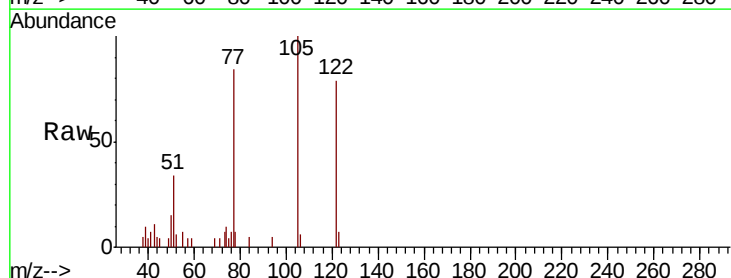
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#32
 Benzoic acid
 Concen: 3.331 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.08 min
 Lab File: BF116696.D
 Acq: 31 Aug 2019 13:50

Tgt Ion	122	Resp	10840
Ion	Ratio	Lower	Upper
122	100		
105	127.3	110.0	150.0
77	106.6	81.7	121.7





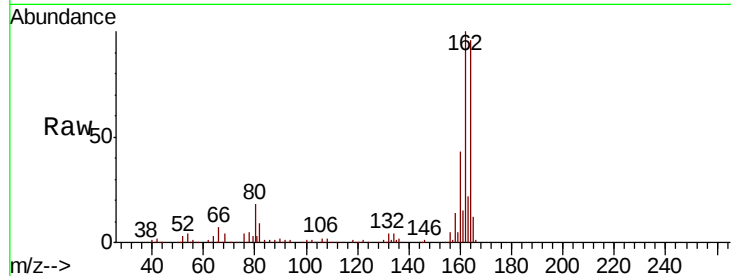
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S700B1-N-0.0-0.5-083019

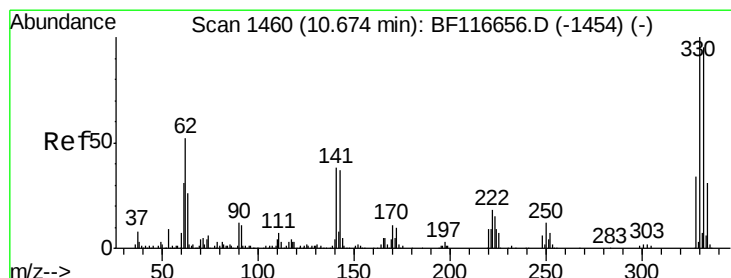
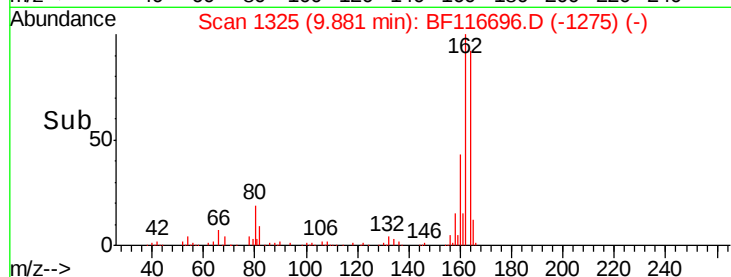
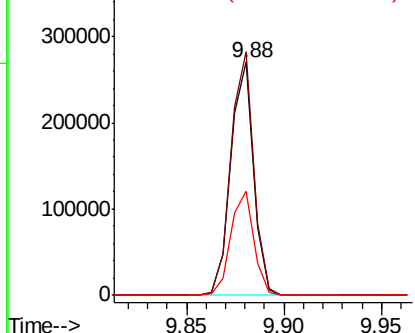
Tot Ion	Ratio	Resp	Lower	Upper
164	100	219378		
162	104.5	81.4	122.0	
160	44.7	35.4	53.2	

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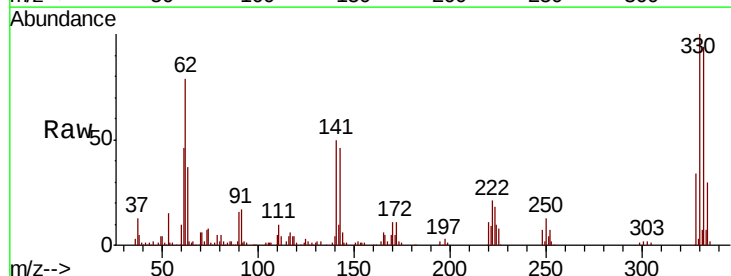


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

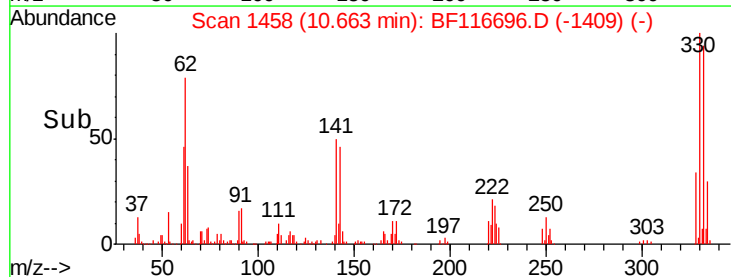
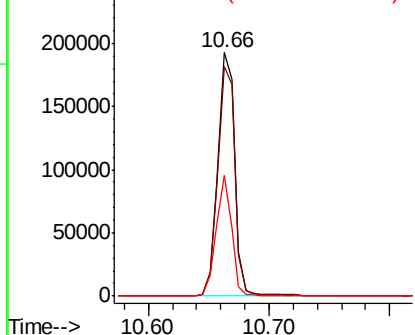


#42
2,4,6-Tribromophenol
Concen: 126.115 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	184959		
332	96.3	76.9	115.3	
141	45.2	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: 77.854 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF116696.D

Acq: 31 Aug 2019 13:50

Instrument :

BNA_F

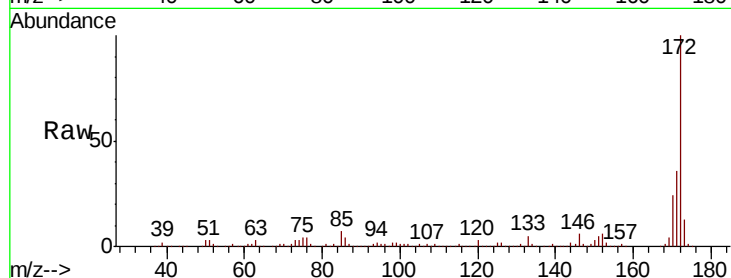
ClientSampleId :

S700B1-N-0.0-0.5-083019

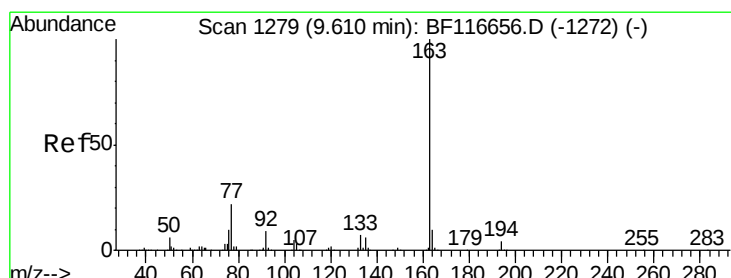
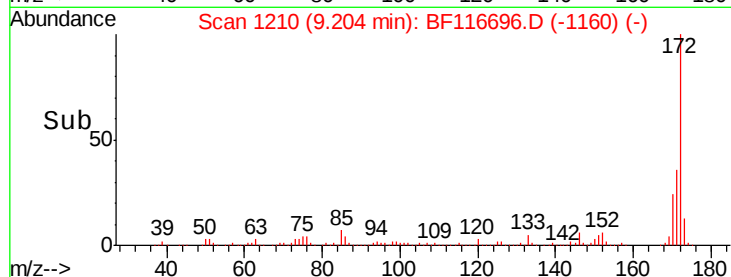
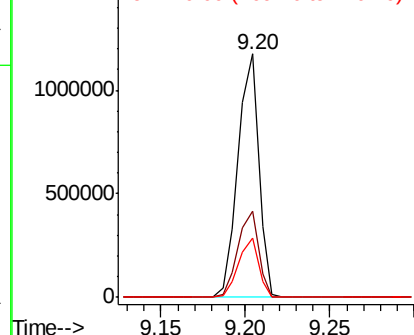
Tot Ion:	172	Resp:	1012482
Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.6
170	24.2	18.9	28.3

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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: 6.945 ng

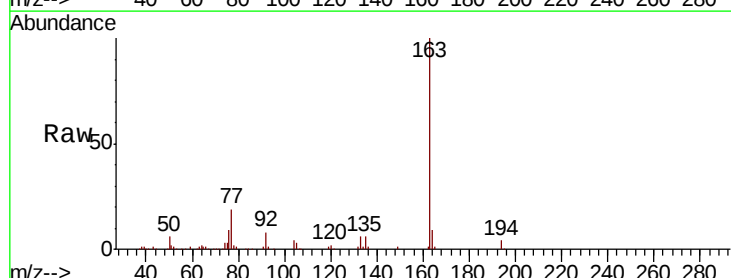
RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

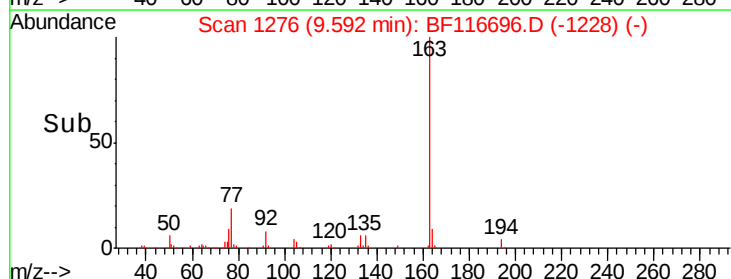
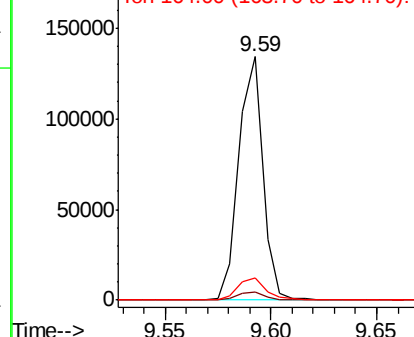
Lab File: BF116696.D

Acq: 31 Aug 2019 13:50

Tgt Ion:	163	Resp:	105183
Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.0	8.6	12.8



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





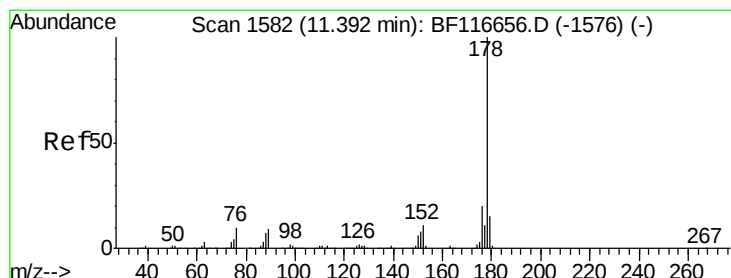
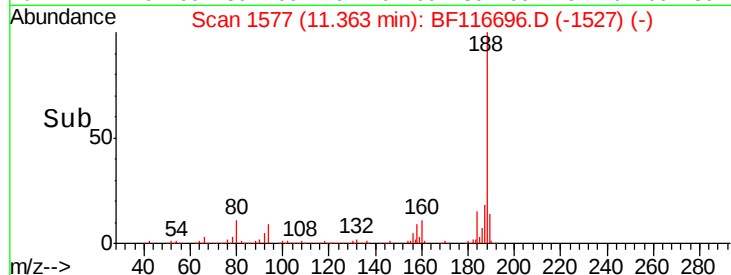
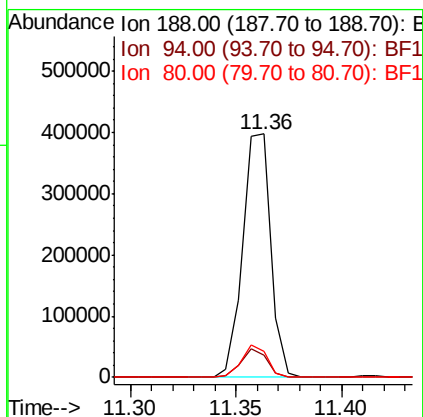
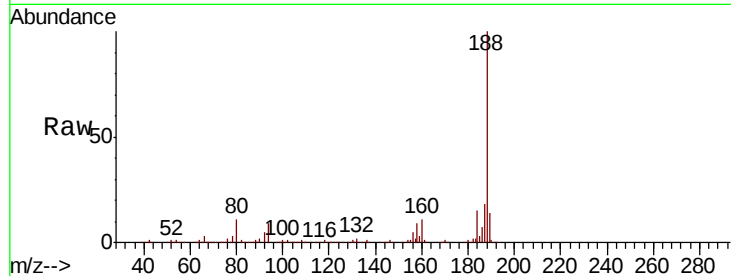
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Instrument :
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ClientSampleId :
S700B1-N-0.0-0.5-083019

Tot Ion	Ratio	Resp	Lower	Upper
188	100	367642		
94	9.1	7.3	10.9	
80	10.5	8.4	12.6	

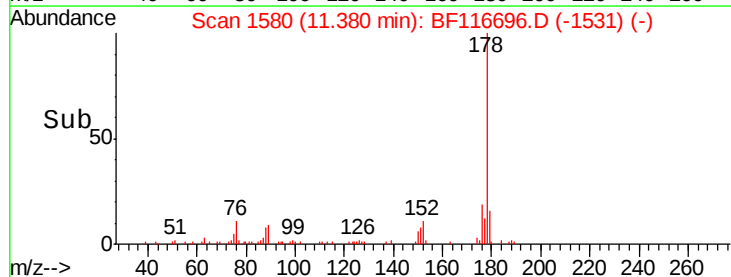
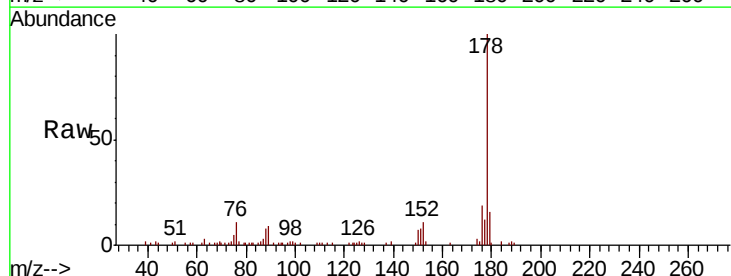
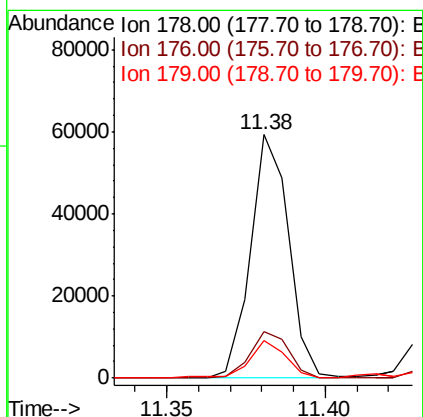
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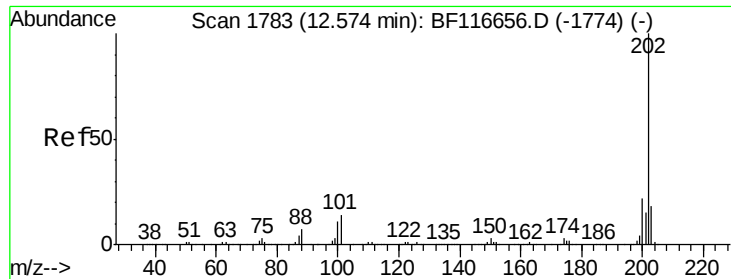
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#71
Phenanthrene
Concen: 2.420 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	49522		
176	18.9	15.4	23.0	
179	15.6	12.2	18.2	





#75

Fluoranthene

Concen: 7.234 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF116696.D

Acq: 31 Aug 2019 13:50

Instrument :

BNA_F

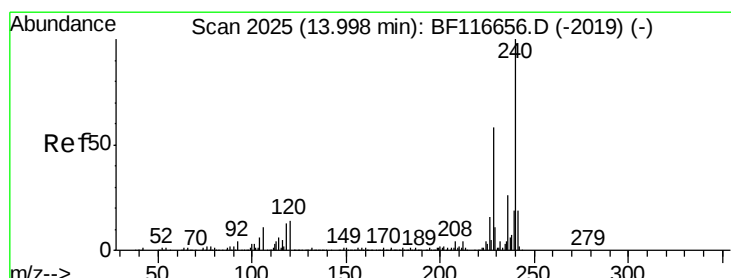
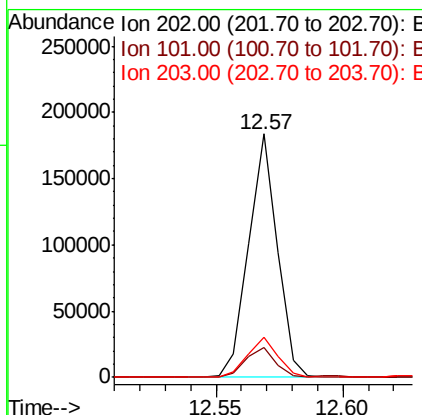
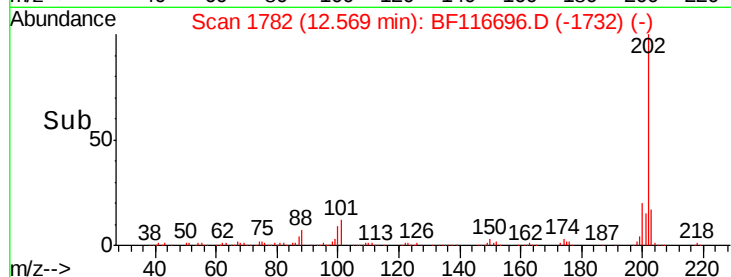
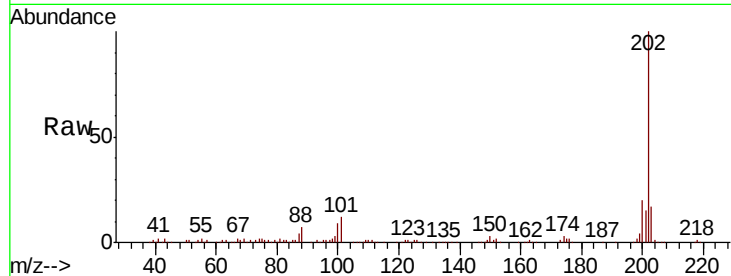
ClientSampleId :

S700B1-N-0.0-0.5-083019

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	0.0	31.3
203	16.7	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

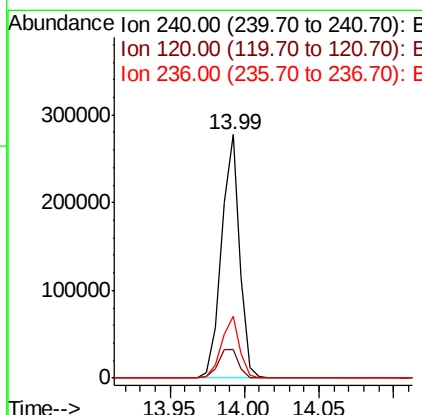
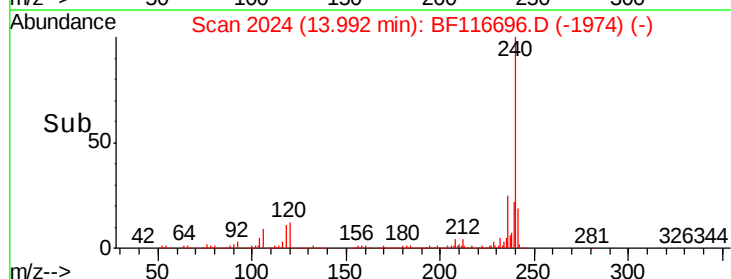
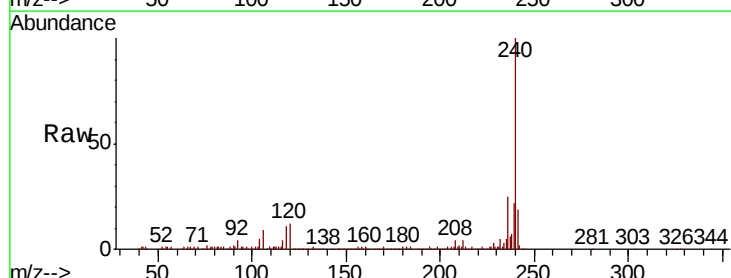
RT: 13.99 min Scan# 2024

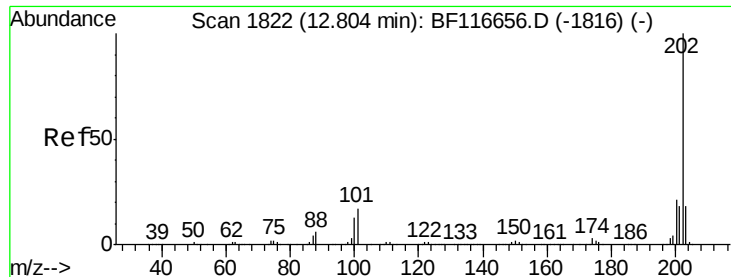
Delta R.T. -0.01 min

Lab File: BF116696.D

Acq: 31 Aug 2019 13:50

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.0	9.1	13.7
236	25.5	21.1	31.7





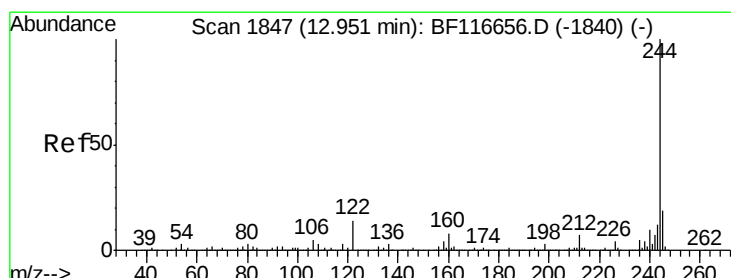
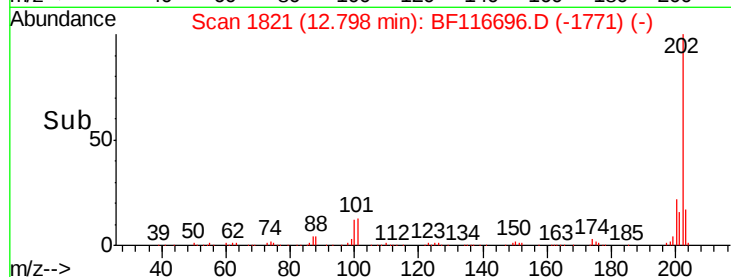
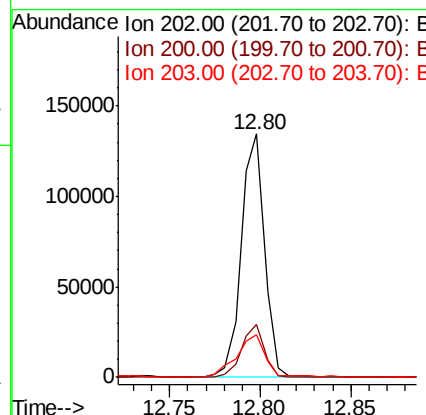
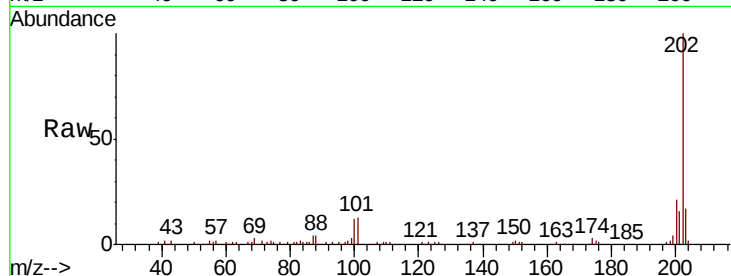
#78
Pvrene
Concen: 5.684 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S700B1-N-0.0-0.5-083019

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.5	16.5	24.7
203	17.4	13.7	20.5

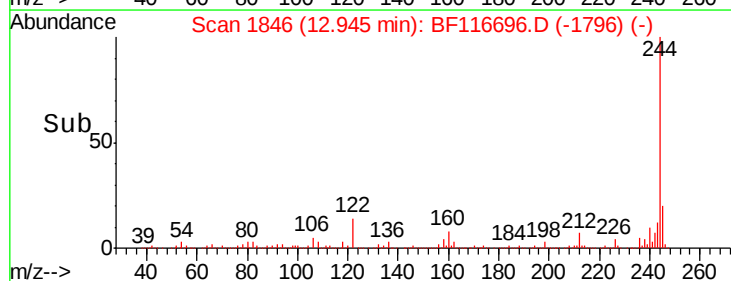
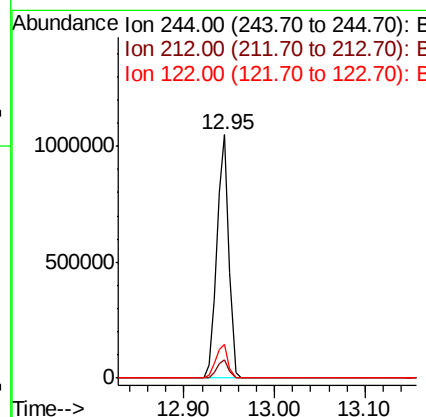
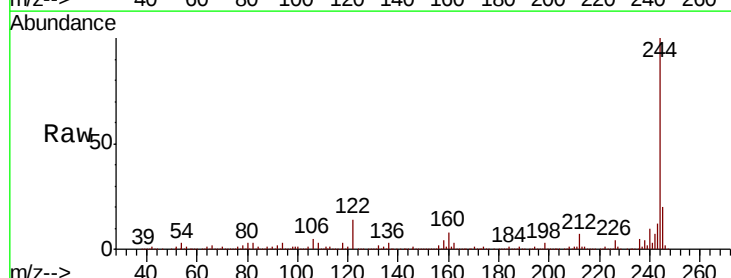
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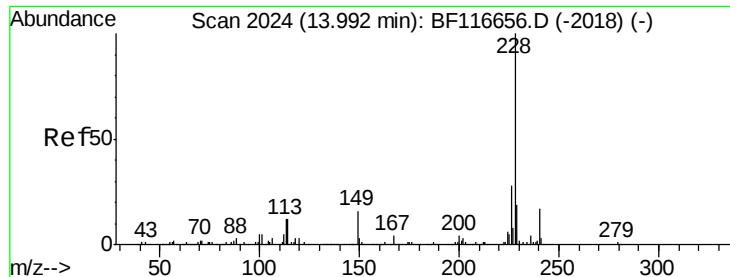
mohammad
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#79
Terphenyl-d14
Concen: 75.292 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	6.1	9.1
122	13.9	10.2	15.4





#81

Benzo(a)anthracene

Concen: 3.218 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF116696.D

Acq: 31 Aug 2019 13:50

Instrument :

BNA_F

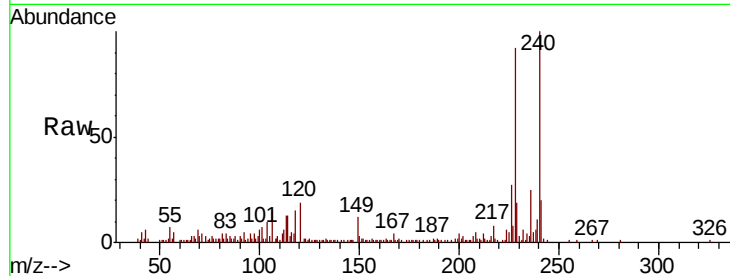
ClientSampleId :

S700B1-N-0.0-0.5-083019

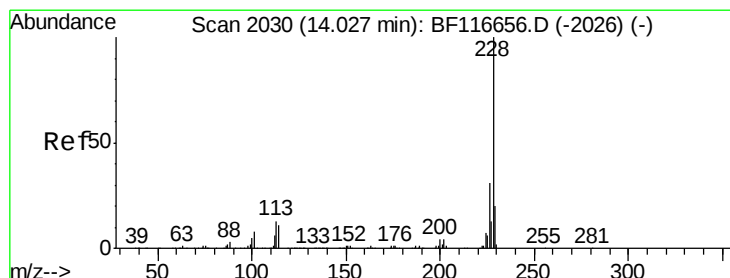
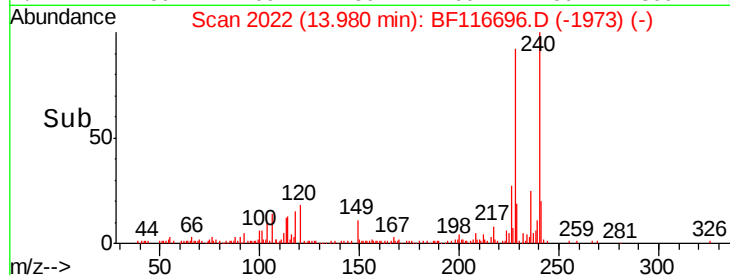
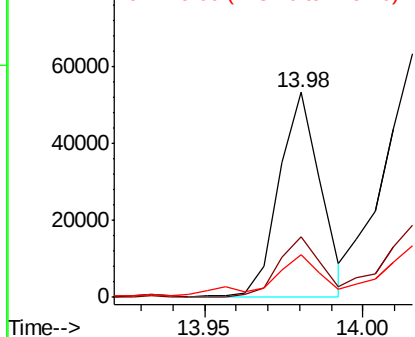
Tot Ion:228	Resp:	48550
Ion Ratio	Lower	Upper
228 100		
226 29.5	22.0	33.0
229 21.1	16.4	24.6

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



#83

Chrysene

Concen: 4.071 ng

RT: 14.02 min Scan# 2028

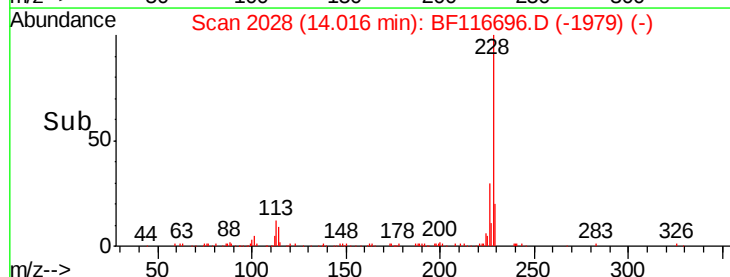
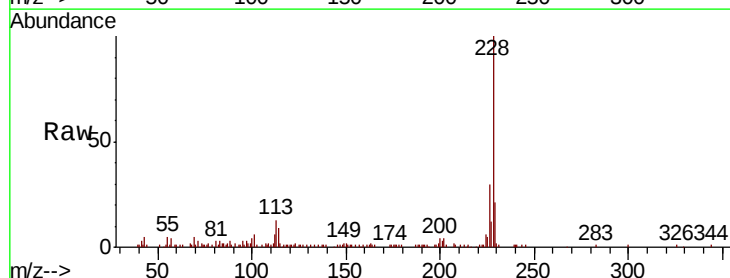
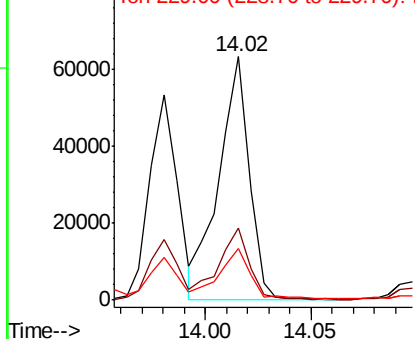
Delta R.T. -0.01 min

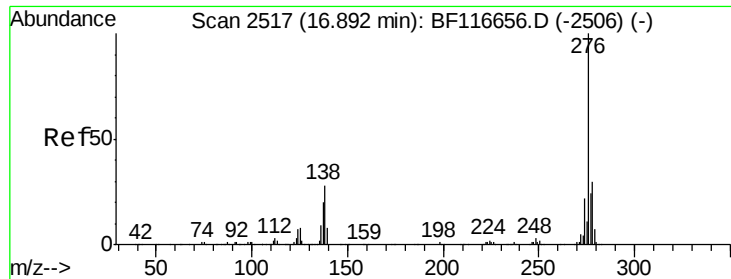
Lab File: BF116696.D

Acq: 31 Aug 2019 13:50

Tgt Ion:228	Resp:	63279
Ion Ratio	Lower	Upper
228 100		
226 29.8	24.0	36.0
229 21.1	15.4	23.0

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





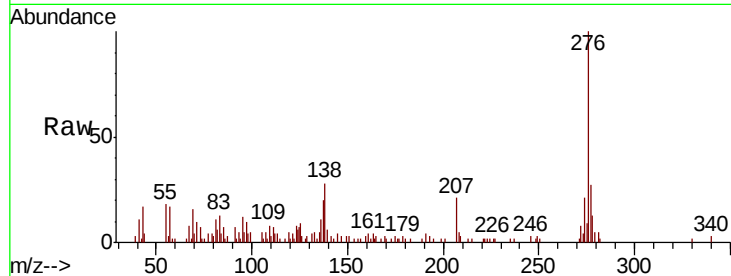
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.831 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.02 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S700B1-N-0.0-0.5-083019

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.4	29.2
277	25.3	20.5	30.7

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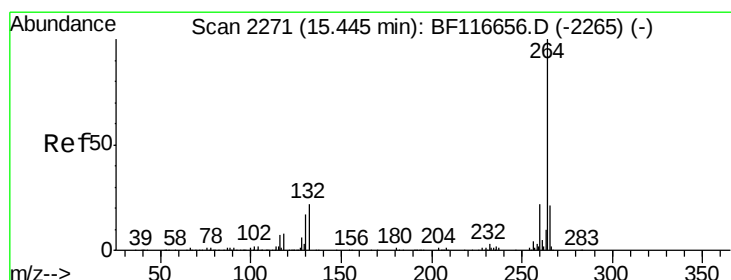
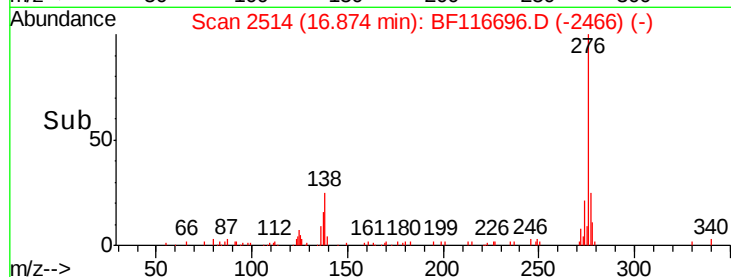
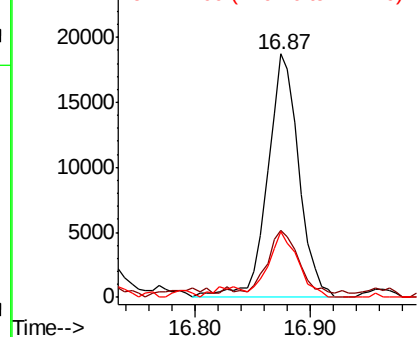


Abundance

Ion 276.00 (275.70 to 276.70): E

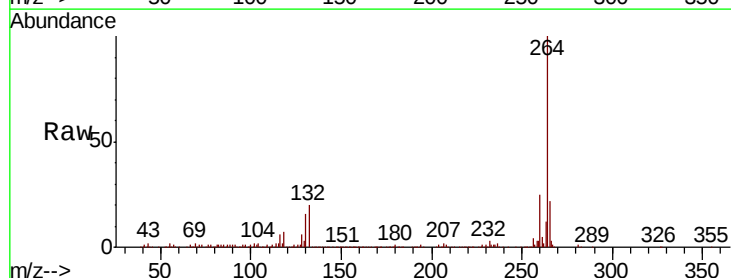
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.3	27.5
265	22.0	16.5	24.7

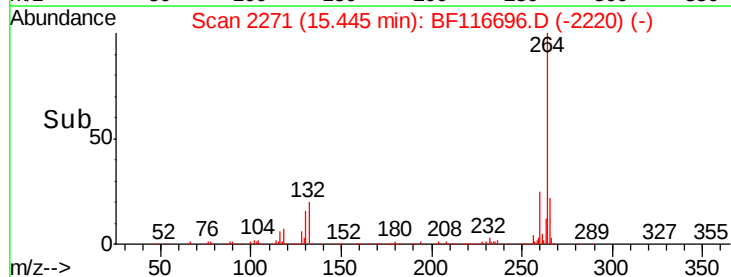
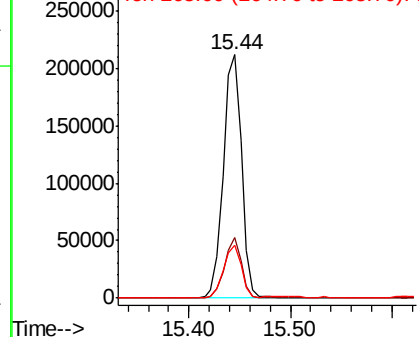


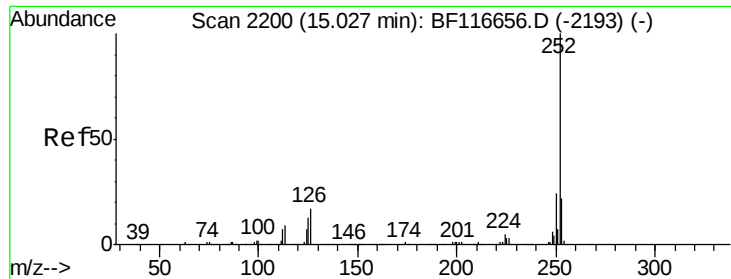
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





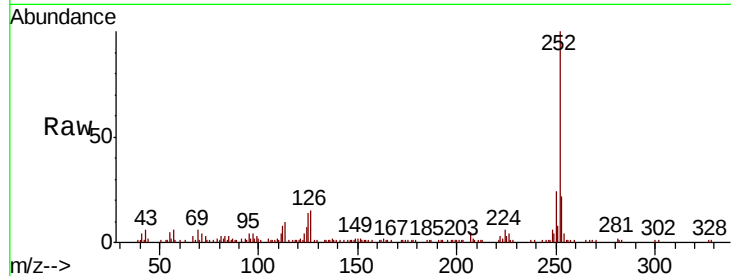
#88
Benzo(b)fluoranthene
Concen: 5.041 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S700B1-N-0.0-0.5-083019

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	13.9	8.2	12.2

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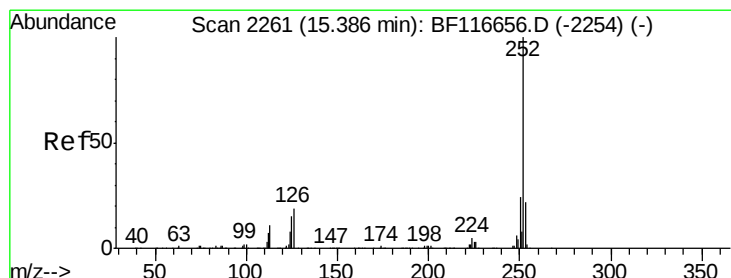
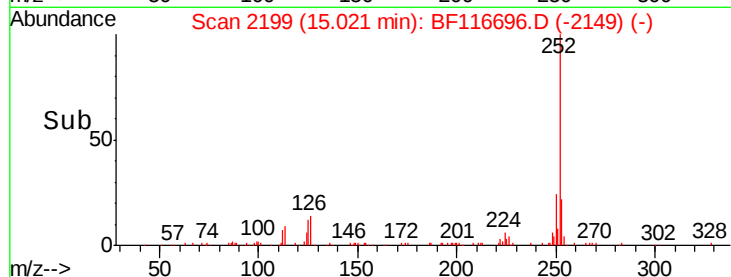
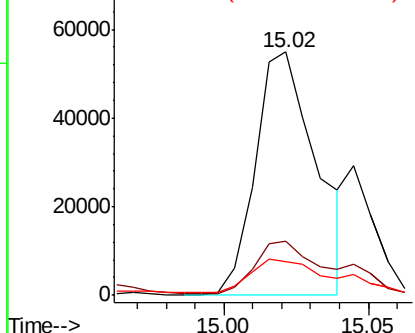


Abundance

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: 3.091 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF116696.D
Acq: 31 Aug 2019 13:50

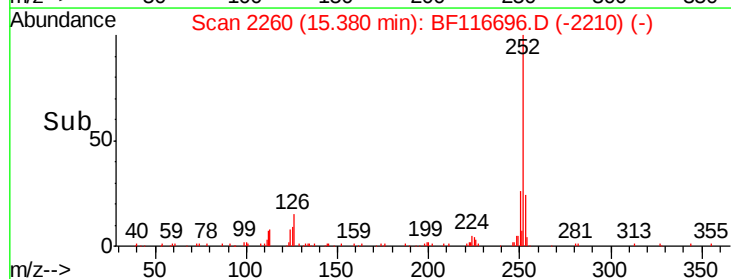
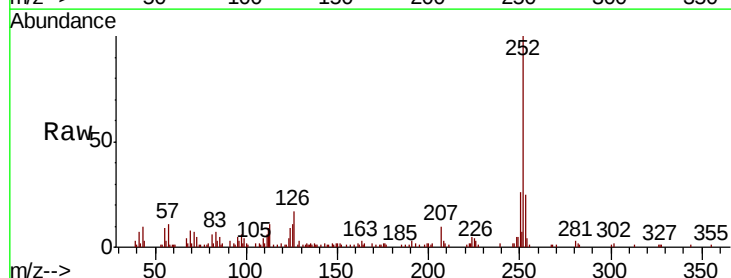
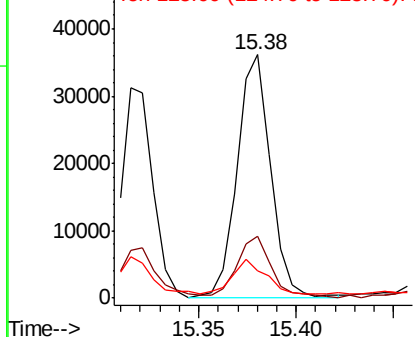
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.1	27.1
125	11.2	9.8	14.8

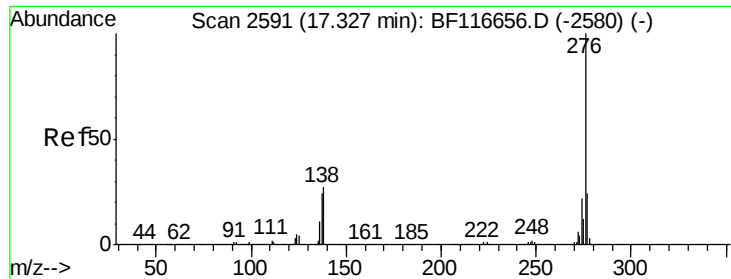
Abundance

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





#92
 Benzo(a,h,i)perylene
 Concen: 2.587 ng
 RT: 17.32 min Scan# 2589
 Delta R.T. -0.01 min
 Lab File: BF116696.D
 Acq: 31 Aug 2019 13:50

Instrument :
 BNA_F
 ClientSampleId :
 S700B1-N-0.0-0.5-083019

Tot Ion	Ratio	Lower	Upper
276	100		
277	30.3	18.5	27.7#
138	28.2	16.2	24.2#

Manual Integrations
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