

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116625.D
 Acq On : 28 Aug 2019 20:02
 Operator : HP/JU
 Sample : K4568-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

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Quant Time: Aug 29 03:11:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 13:34:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	91164	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	354957	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	196727	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	349700	20.00	ng	0.00
76) Chrysene-d12	14.00	240	253620	20.00	ng	0.00
87) Perylene-d12	15.46	264	276937	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	518806	98.29	ng	0.00
7) Phenol-d6	6.49	99	668946	93.48	ng	0.00
23) Nitrobenzene-d5	7.42	82	396512	63.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	159066	84.97	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	750026	63.45	ng	0.00
79) Terphenyl-d14	12.96	244	999256	64.08	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.50	94	19727	2.513	ng	97
50) Dimethylphthalate	9.60	163	116823	8.833	ng	99
58) Fluorene	10.44	166	25987	2.196	ng	98
71) Phenanthrene	11.40	178	471655	25.110	ng	100
72) Anthracene	11.45	178	104649	5.572	ng	98
73) Carbazole	11.60	167	37626	2.354	ng	97
75) Fluoranthene	12.59	202	753066	44.704	ng	98
78) Pyrene	12.82	202	731500	31.366	ng	99
81) Benzo(a)anthracene	14.00	228	342144	20.234	ng	97
83) Chrysene	14.03	228	315287	19.047	ng	98
86) Indeno(1,2,3-cd)pyrene	16.91	276	190575	17.249	ng	96
88) Benzo(b)fluoranthene	15.04	252	377287m	22.185	ng	
89) Benzo(k)fluoranthene	15.06	252	107697m	6.662	ng	
90) Benzo(a)pyrene	15.40	252	271869	17.912	ng	97
91) Dibenzo(a,h)anthracene	16.92	278	48538	3.427	ng	96
92) Benzo(g,h,i)perylene	17.34	276	182798	12.413	ng	99

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

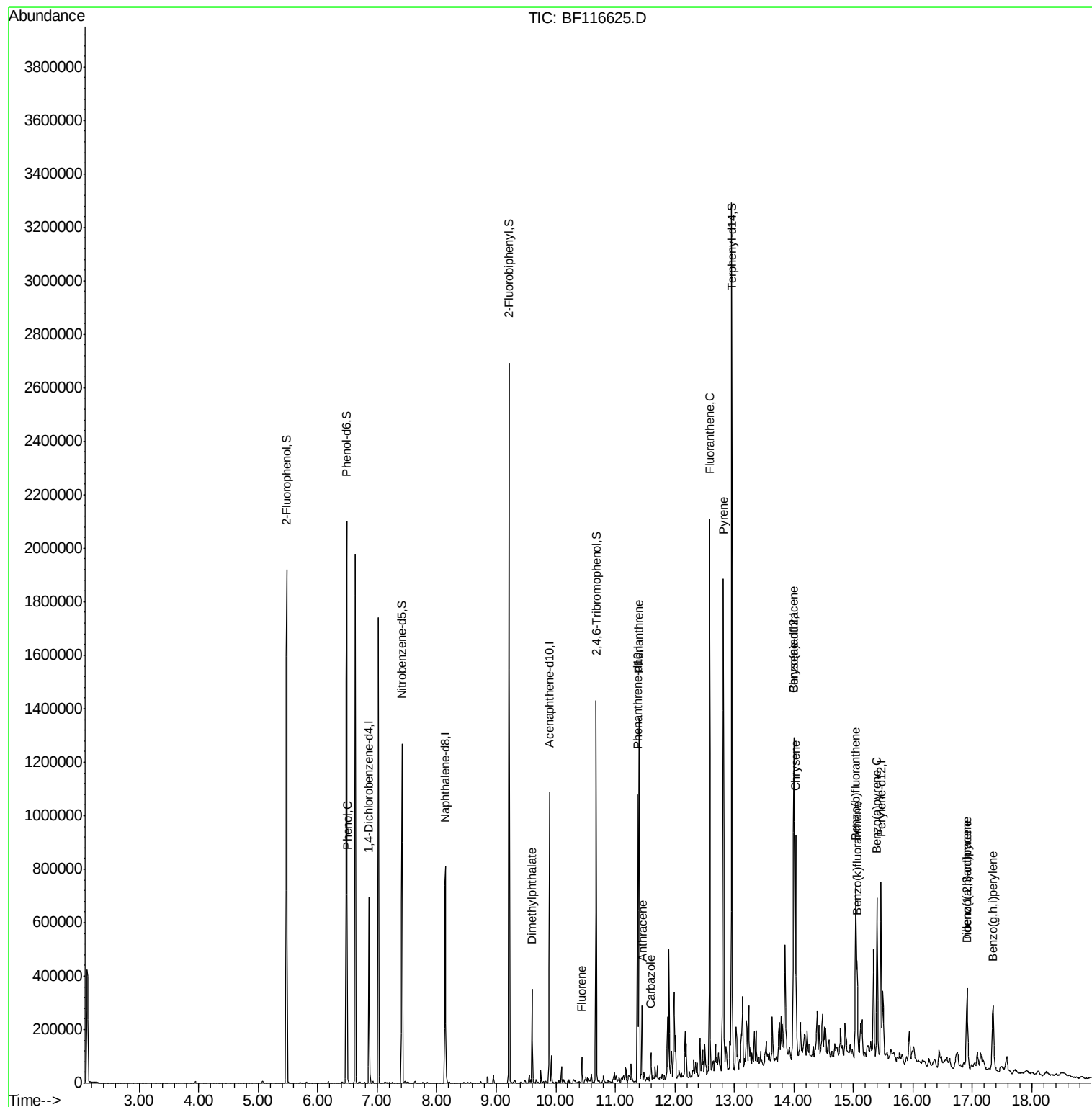
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
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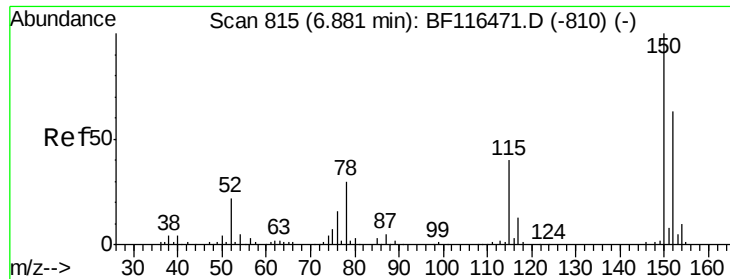
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#1

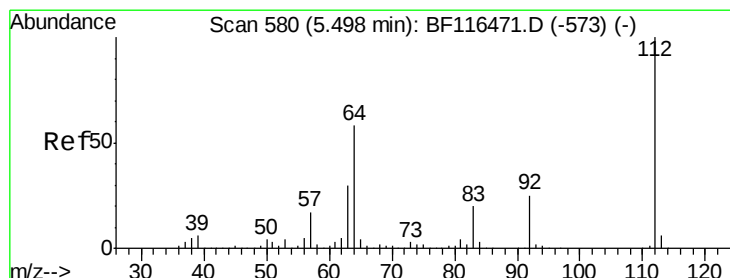
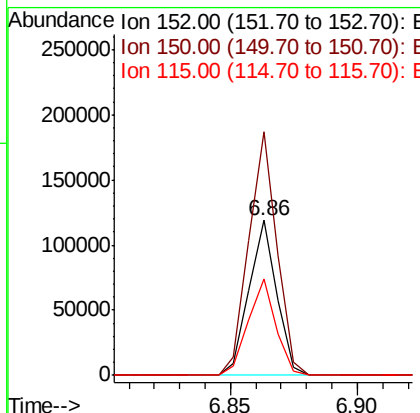
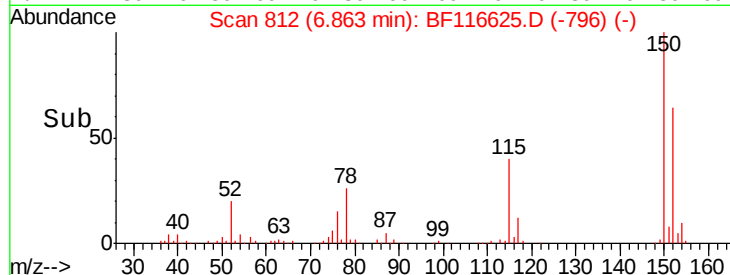
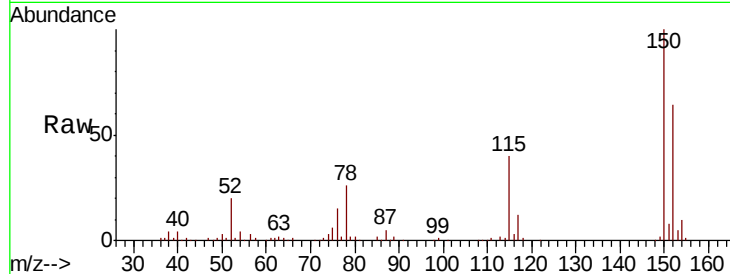
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF116625.D
Acq: 28 Aug 2019 20:02

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.4	185.2
115	62.0	48.2	72.2

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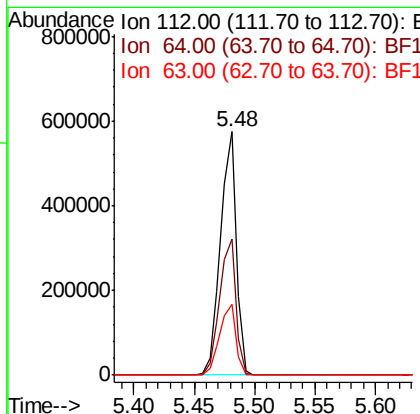
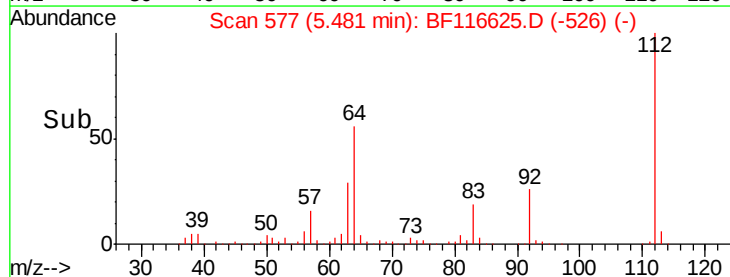
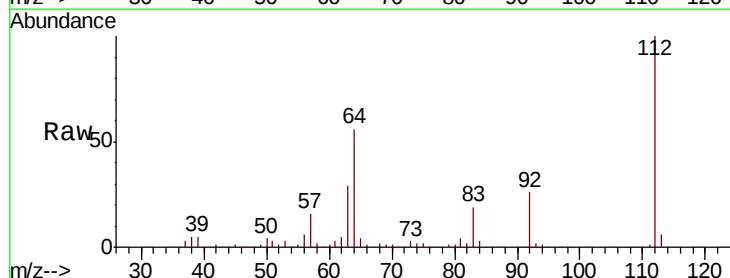
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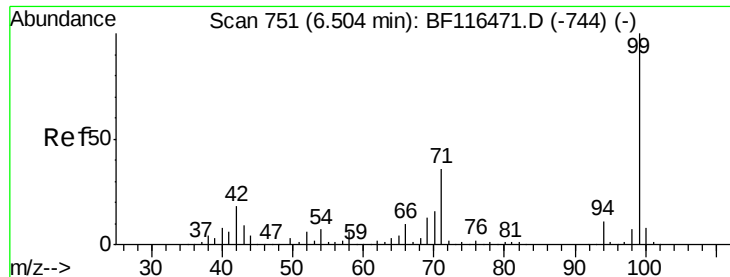


#5

2-Fluorophenol
Concen: 98.295 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF116625.D
Acq: 28 Aug 2019 20:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	48.0	72.0
63	29.3	24.6	36.8





#7

Phenol-d6

Concen: 93.485 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116625.D

Acq: 28 Aug 2019 20:02

Instrument :

BNA_F

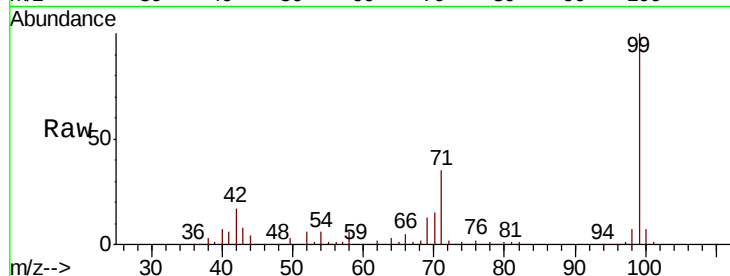
ClientSampled :

SB-15-COMP

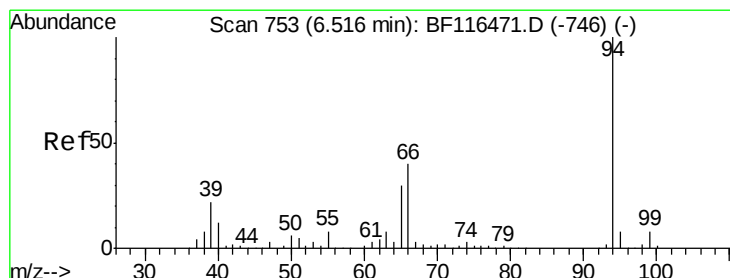
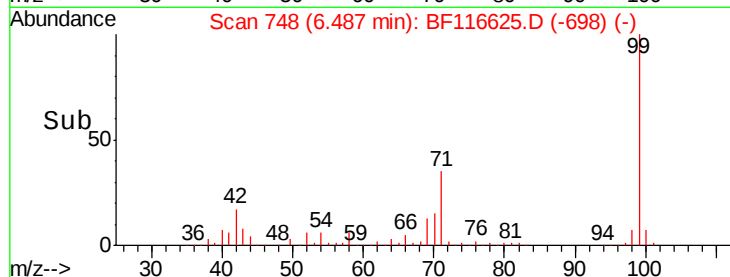
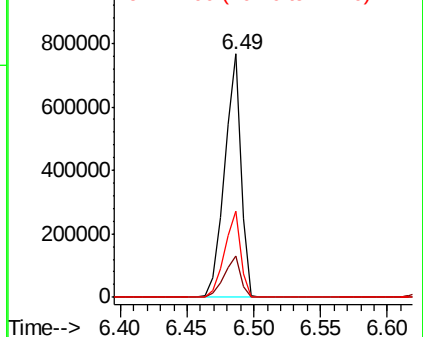
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		668946		
42	17.0	13.2	19.8		
71	35.4	27.4	41.2		

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



#10

Phenol

Concen: 2.513 ng

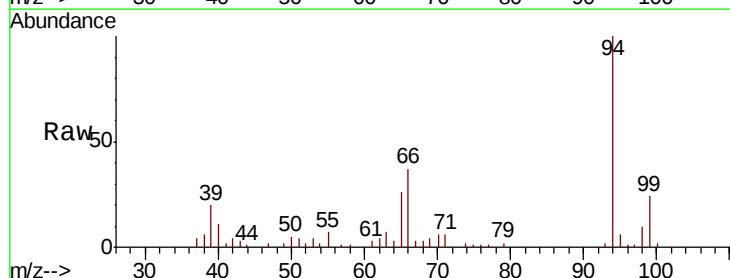
RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

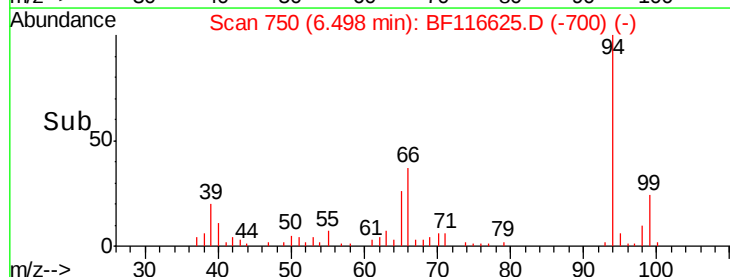
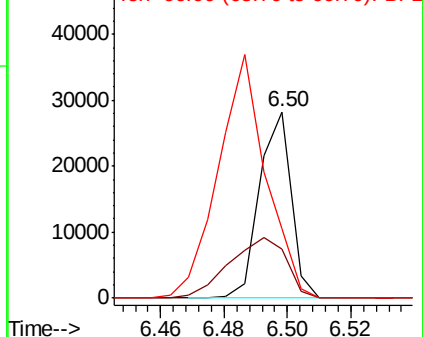
Lab File: BF116625.D

Acq: 28 Aug 2019 20:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		19727		
65	26.2	8.6	48.6		
66	37.2	18.0	58.0		



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





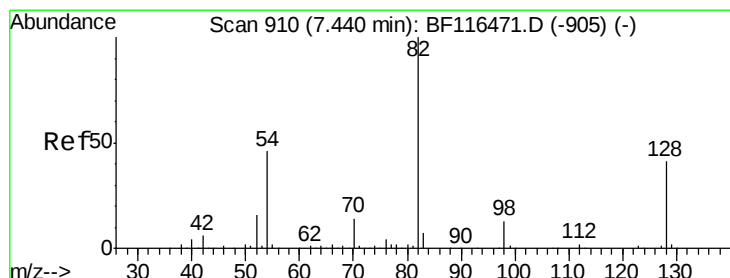
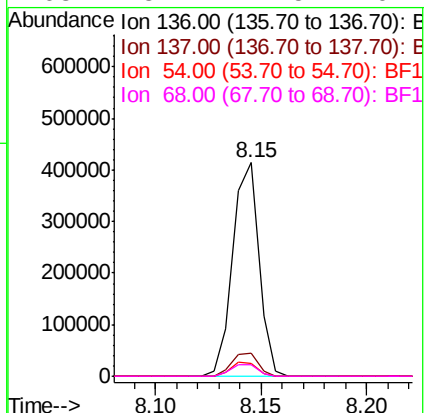
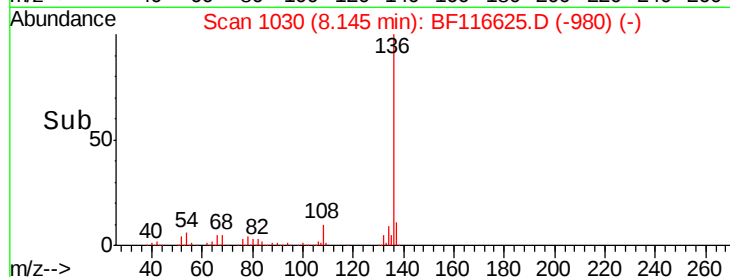
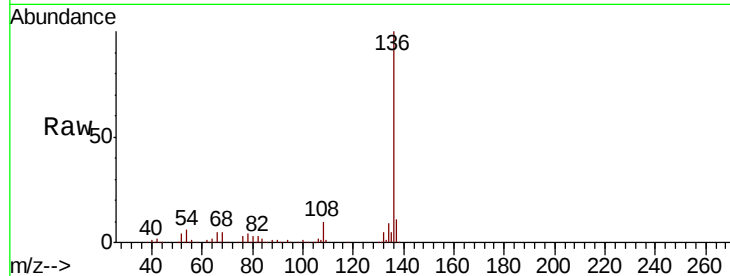
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116625.D
Acq: 28 Aug 2019 20:02

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.9	8.7	13.1		
54	6.1	5.0	7.4		
68	5.4	4.5	6.7		

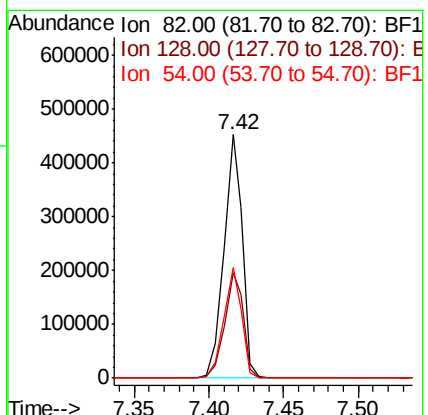
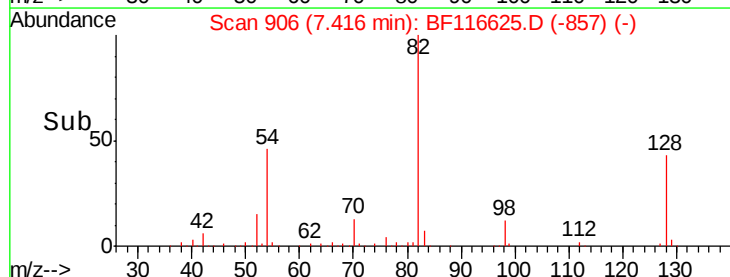
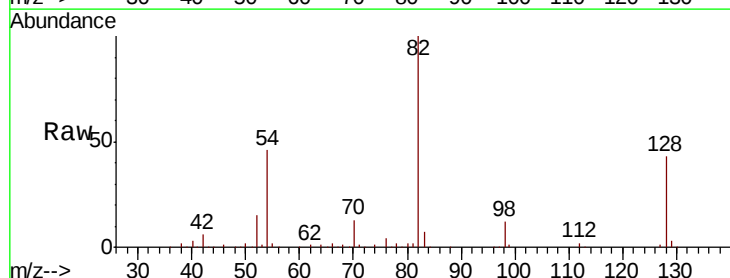
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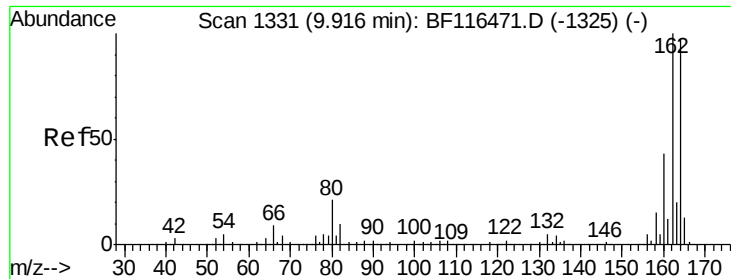
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#23
Nitrobenzene-d5
Concen: 63.919 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF116625.D
Acq: 28 Aug 2019 20:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	43.1	35.0	52.6		
54	45.6	34.4	51.6		





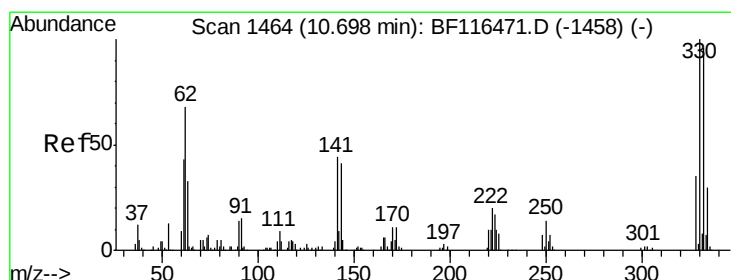
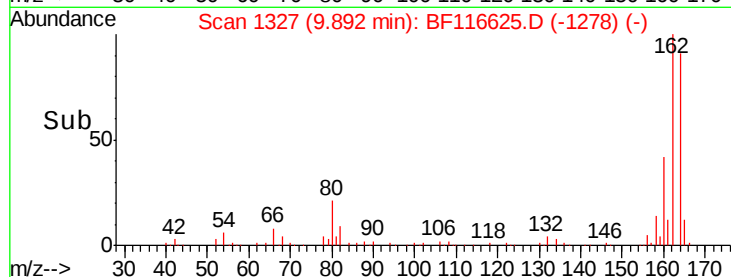
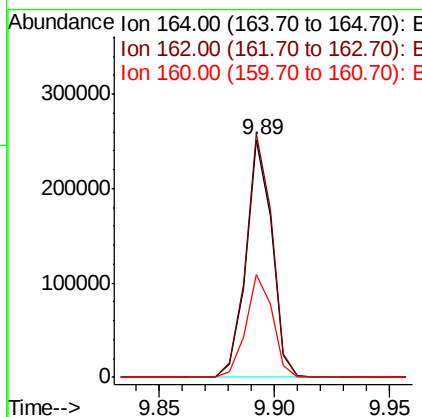
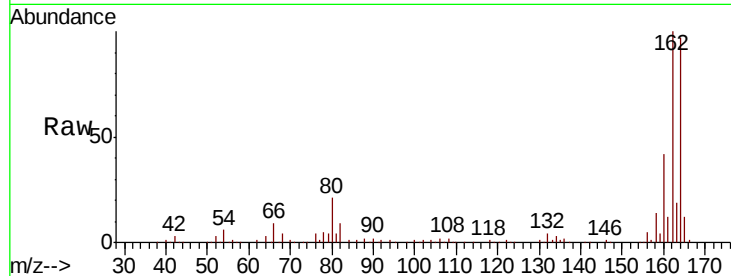
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF116625.D
 Acq: 28 Aug 2019 20:02

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.6	83.4	125.0	
160	43.1	37.0	55.4	

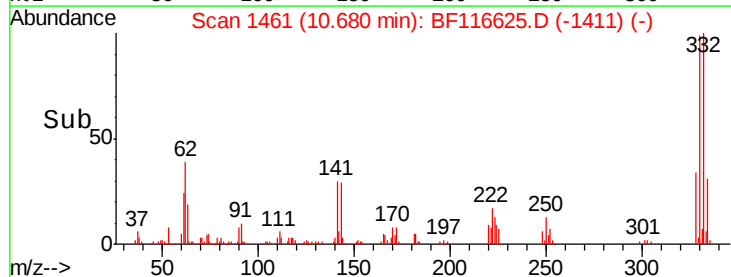
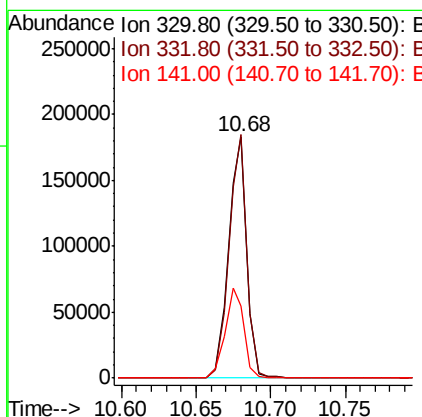
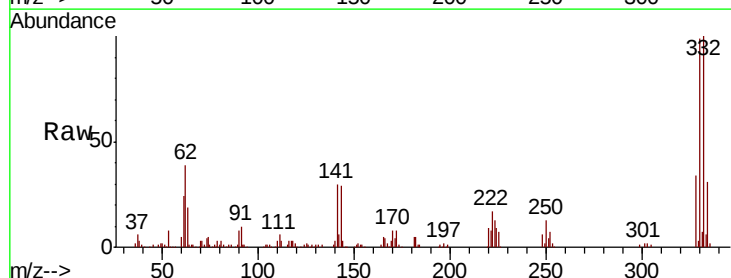
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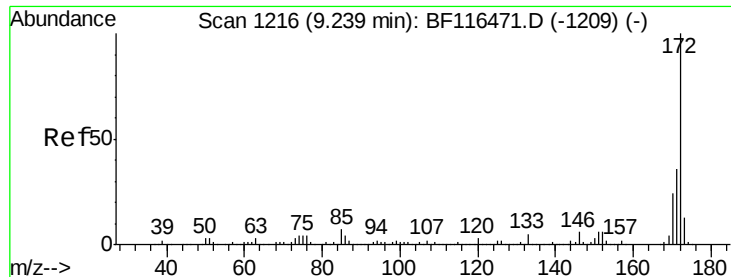
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#42
 2,4,6-Tribromophenol
 Concen: 84.968 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF116625.D
 Acq: 28 Aug 2019 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.3	77.5	116.3	
141	38.5	28.2	42.2	





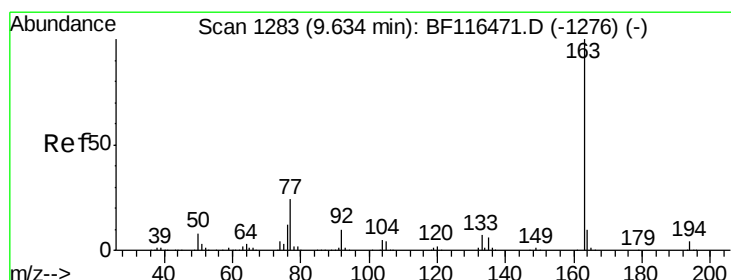
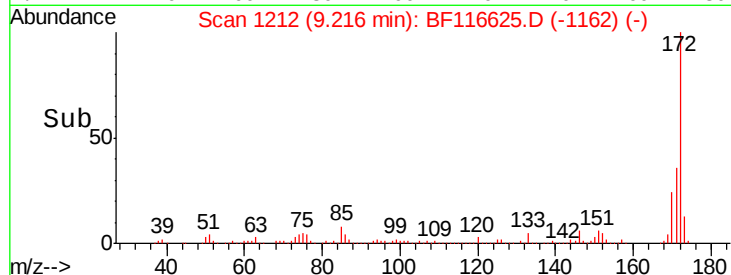
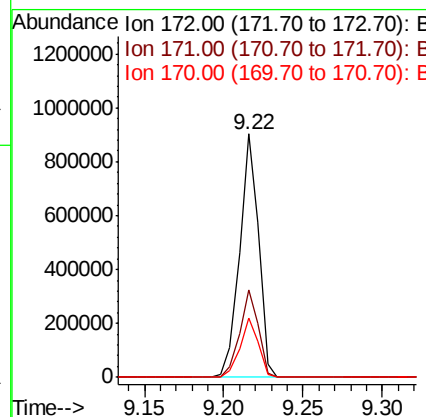
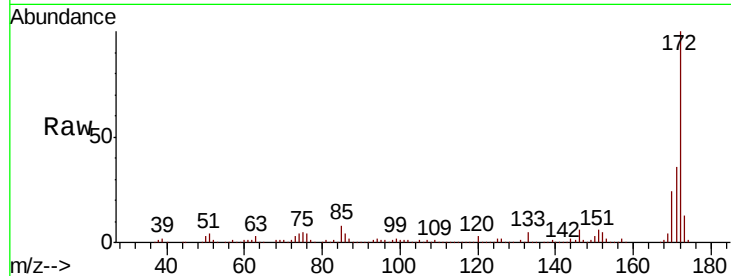
#45
2-Fluorobiphenyl
Concen: 63.448 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF116625.D
Acq: 28 Aug 2019 20:02

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.0	43.6	
170	24.1	19.3	28.9	

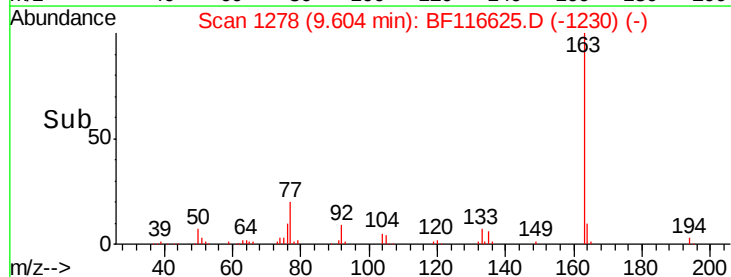
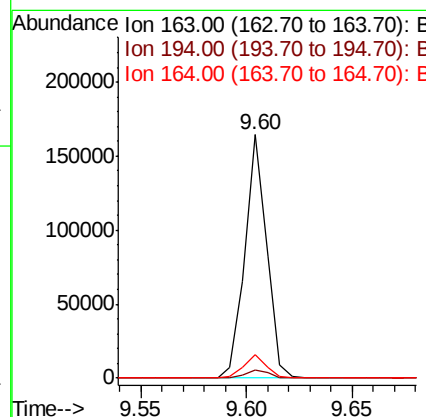
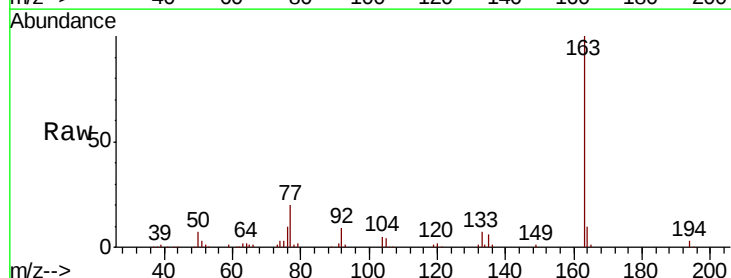
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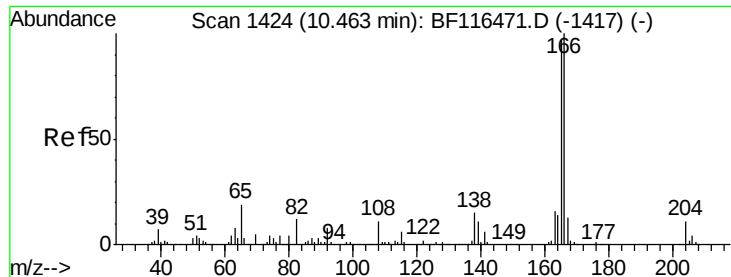
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#50
Dimethylphthalate
Concen: 8.833 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF116625.D
Acq: 28 Aug 2019 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	3.0	4.6	
164	9.8	8.2	12.2	





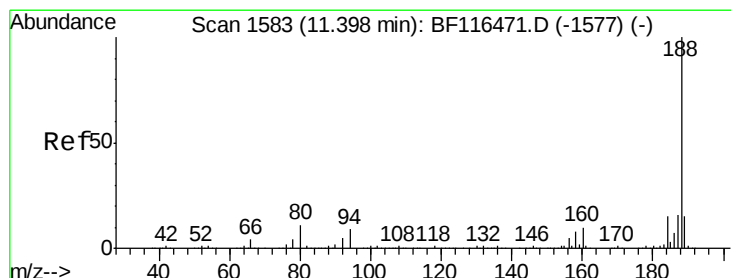
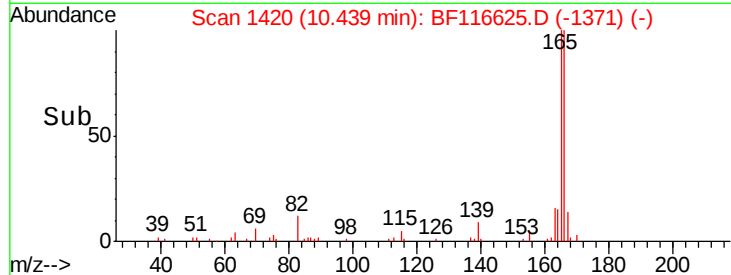
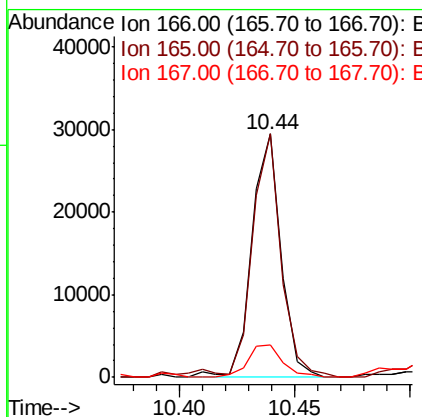
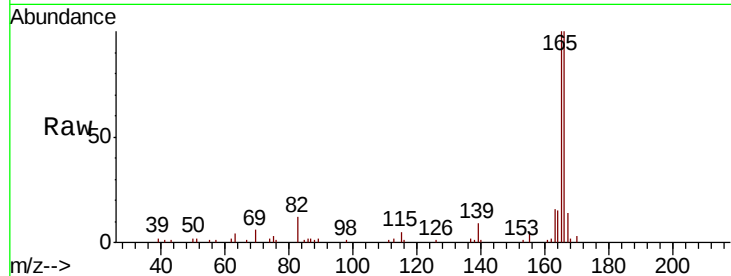
#58
 Fluorene
 Concen: 2.196 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF116625.D
 Acq: 28 Aug 2019 20:02

Instrument :
 BNA_F
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Tot Ion:	166	Resp:	25987
Ion Ratio	Lower	Upper	
166	100		
165	99.9	77.8	116.6
167	13.5	10.6	16.0

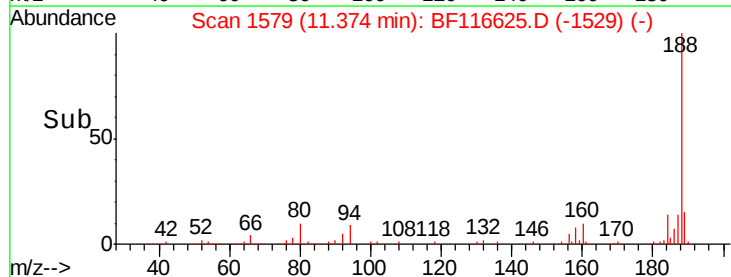
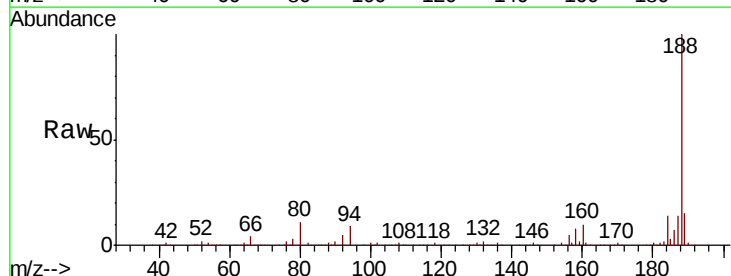
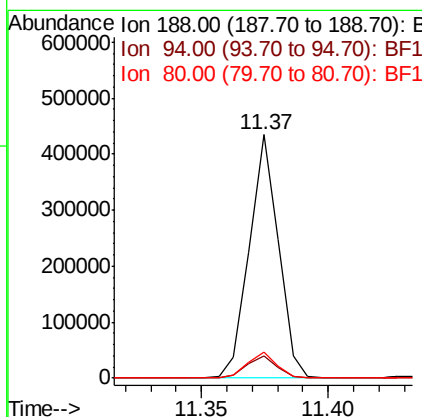
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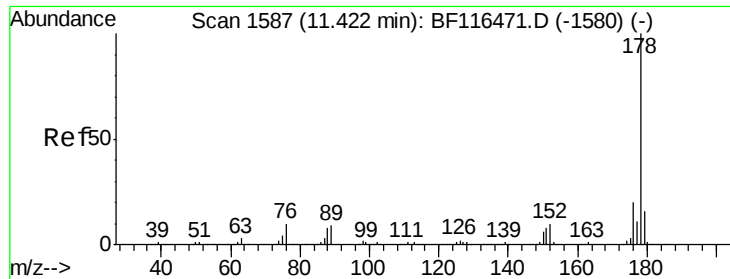
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF116625.D
 Acq: 28 Aug 2019 20:02

Tgt Ion:	188	Resp:	349700
Ion Ratio	Lower	Upper	
188	100		
94	9.3	8.2	12.4
80	10.5	8.9	13.3





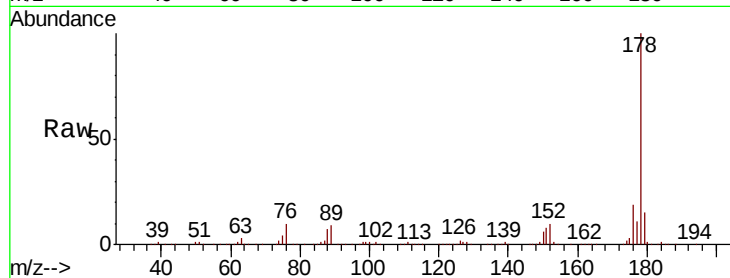
#71
Phenanthrene
Concen: 25.110 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF116625.D
Acq: 28 Aug 2019 20:02

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

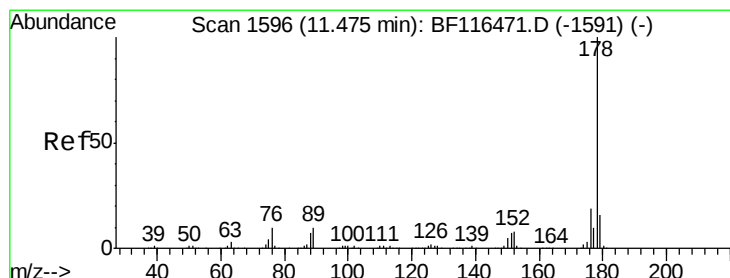
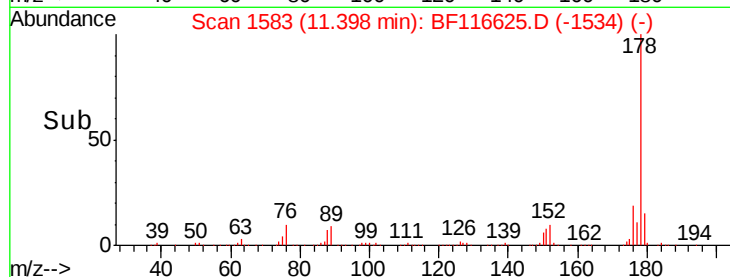
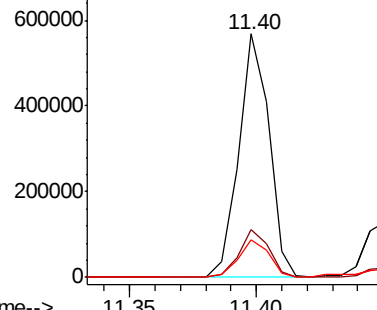
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.2	12.4	18.6

Manual Integrations
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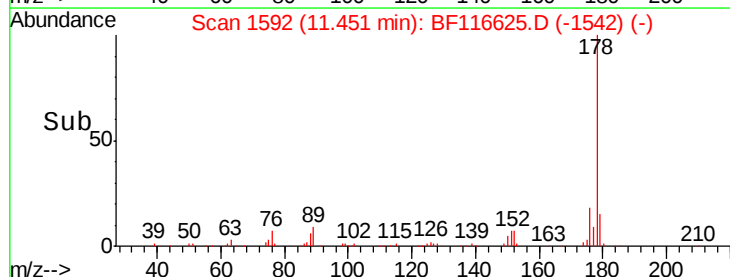
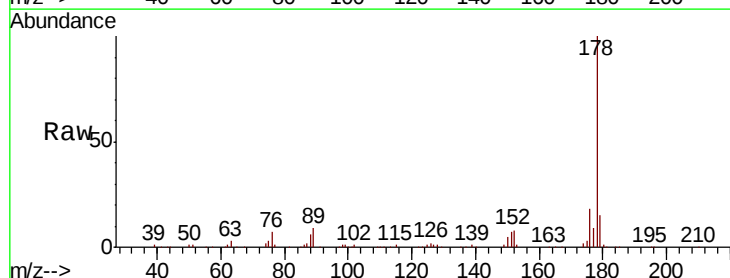
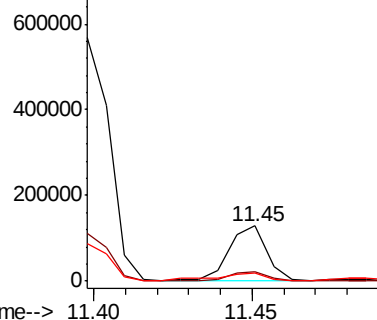
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

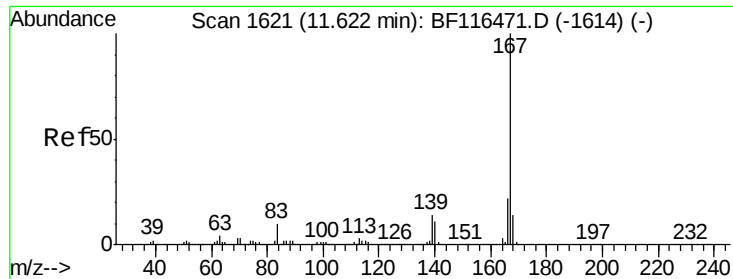


#72
Anthracene
Concen: 5.572 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF116625.D
Acq: 28 Aug 2019 20:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.1	22.7
179	14.6	12.7	19.1

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





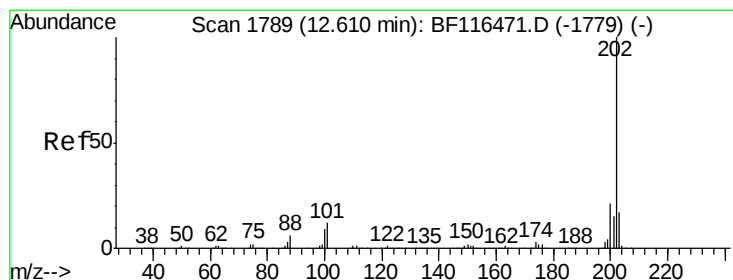
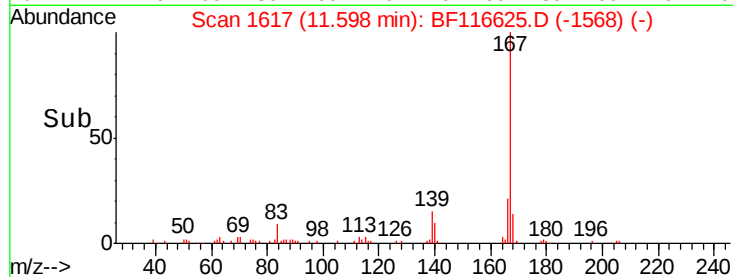
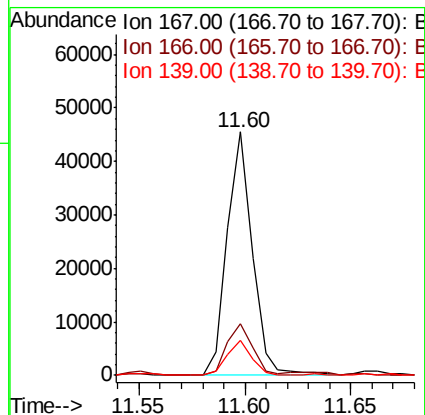
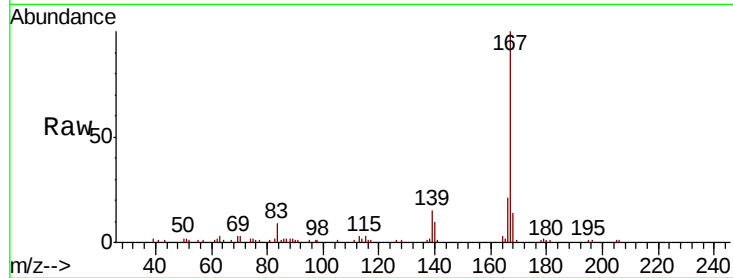
#73
 Carbazole
 Concen: 2.354 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF116625.D
 Acq: 28 Aug 2019 20:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tot Ion:	167	Resp:	37626
Ion Ratio	Lower	Upper	
167	100		
166	21.4	17.9	26.9
139	14.6	10.3	15.5

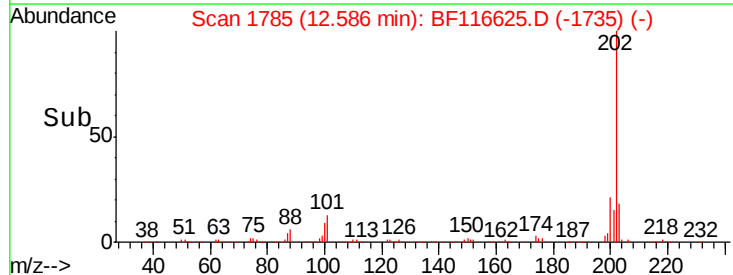
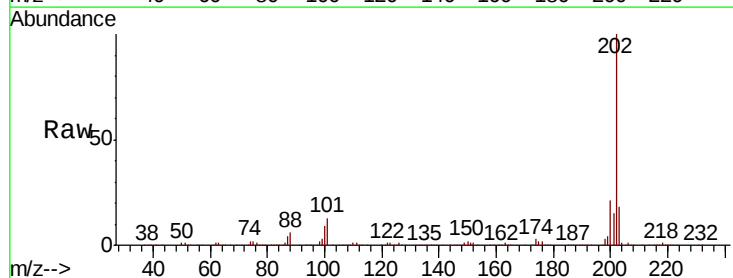
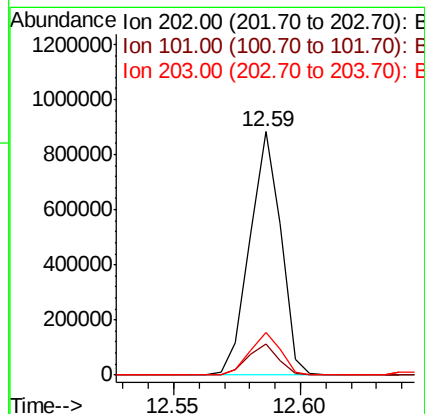
Manual Integrations
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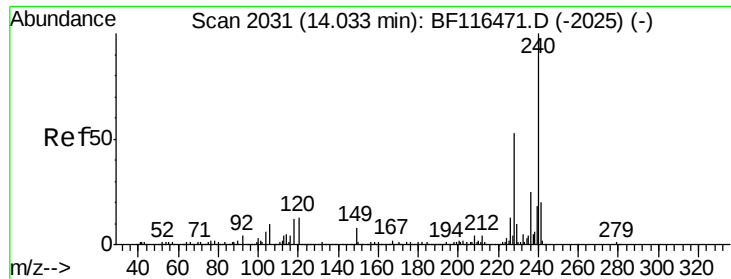
Jagrut
 8/29/2019 7:47:03 PM



#75
 Fluoranthene
 Concen: 44.704 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BF116625.D
 Acq: 28 Aug 2019 20:02

Tgt Ion:	202	Resp:	753066
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	31.8
203	17.7	0.0	37.1





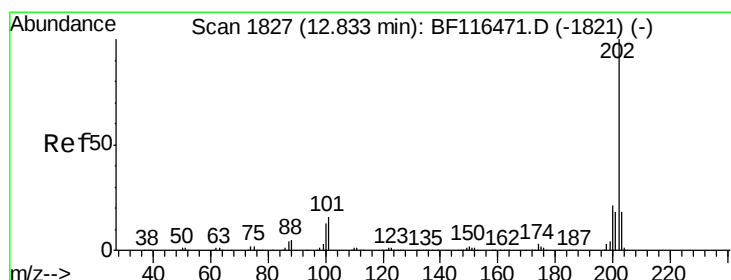
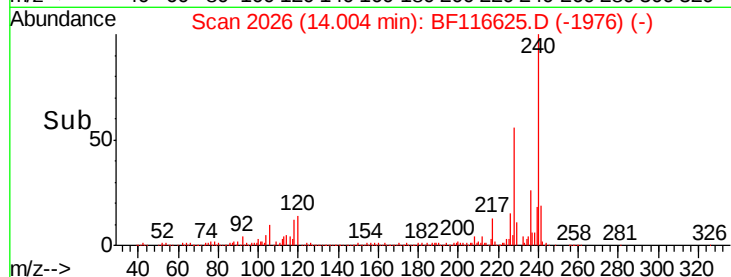
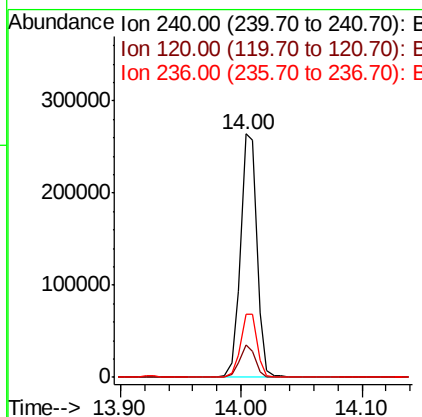
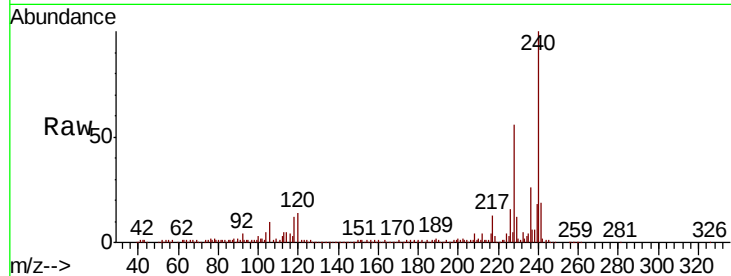
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116625.D
 Acq: 28 Aug 2019 20:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.5	11.3	16.9
236	25.9	21.4	32.2

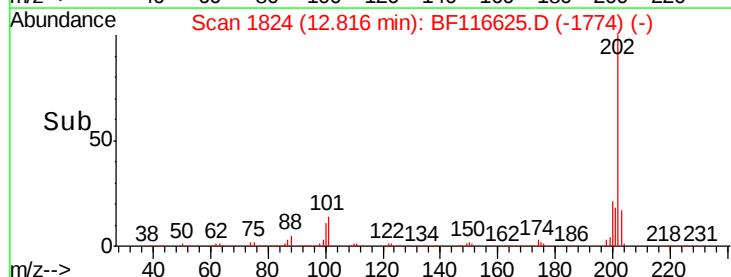
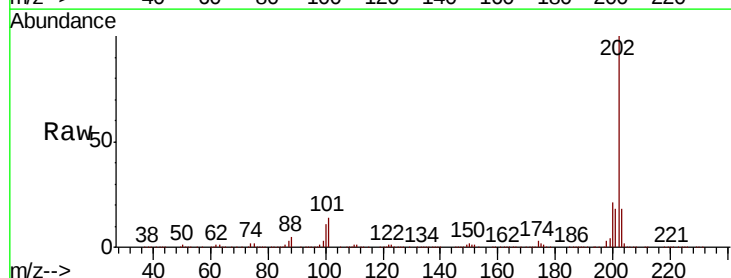
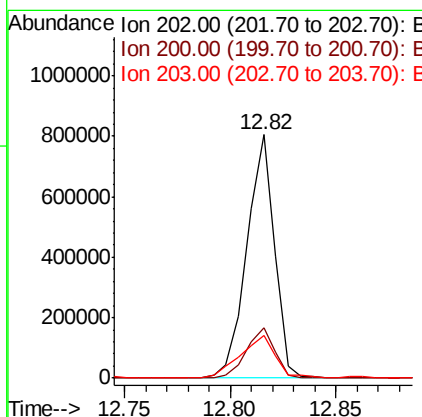
Manual Integrations
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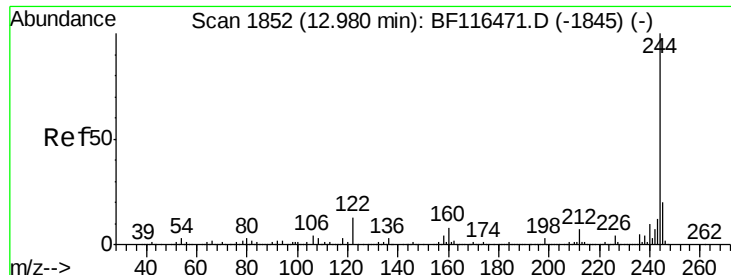
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#78
 Pyrene
 Concen: 31.366 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF116625.D
 Acq: 28 Aug 2019 20:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.0
203	17.7	14.2	21.4





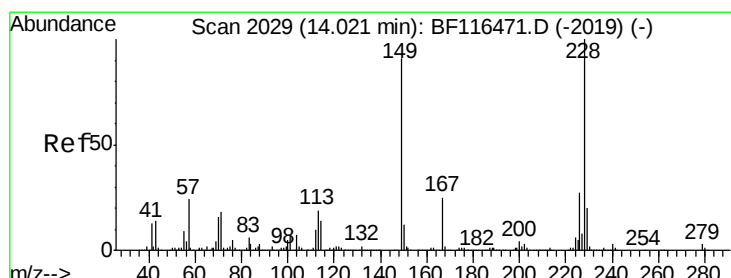
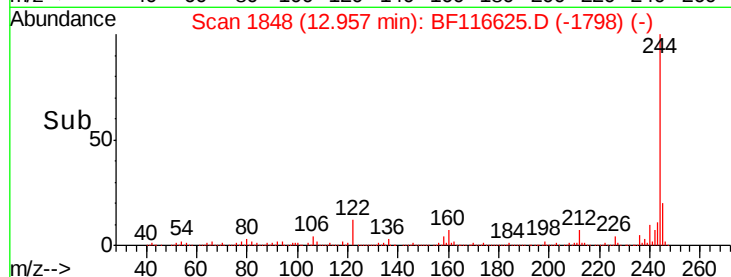
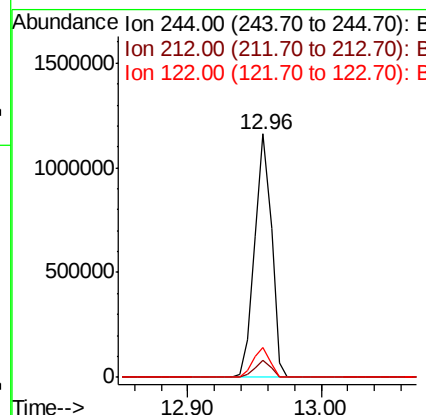
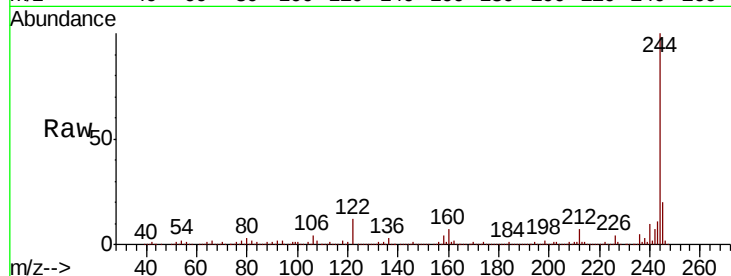
#79
 Terphenyl-d14
 Concen: 64.078 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF116625.D
 Acq: 28 Aug 2019 20:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	12.5	10.0	15.0

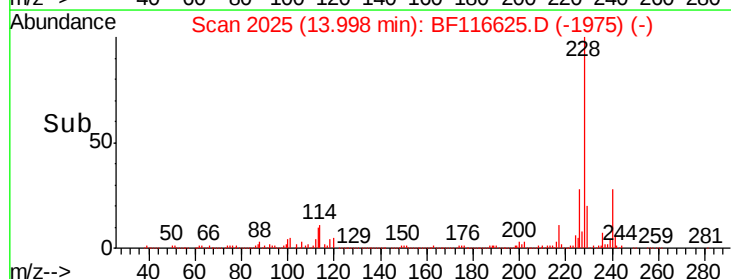
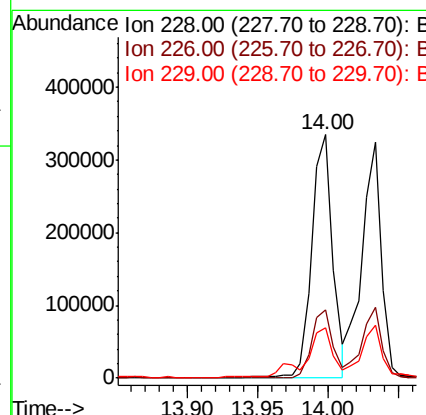
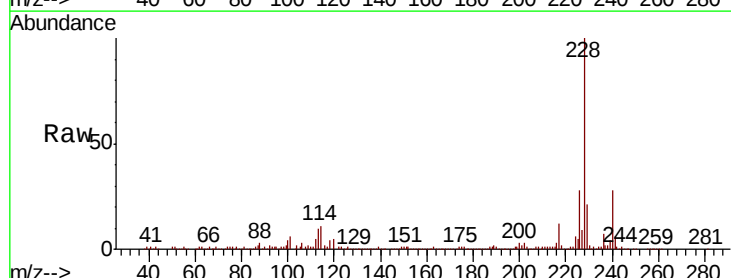
Manual Integrations
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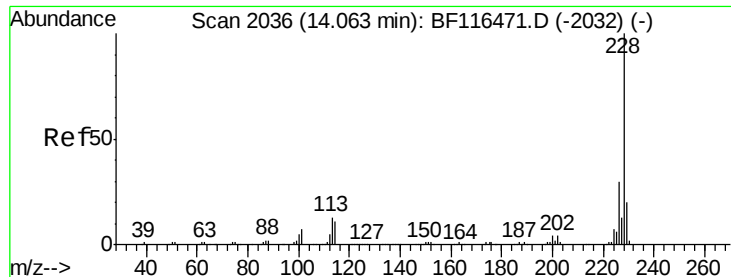
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#81
 Benzo(a)anthracene
 Concen: 20.234 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF116625.D
 Acq: 28 Aug 2019 20:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.5	32.3
229	20.9	15.4	23.0





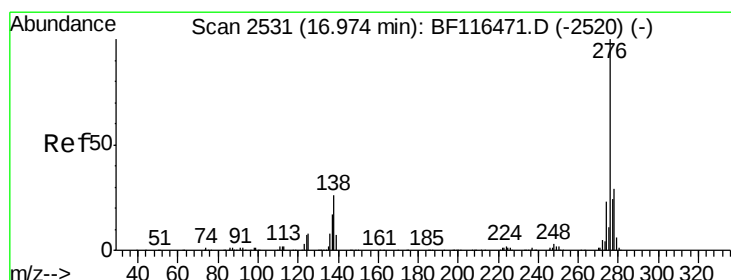
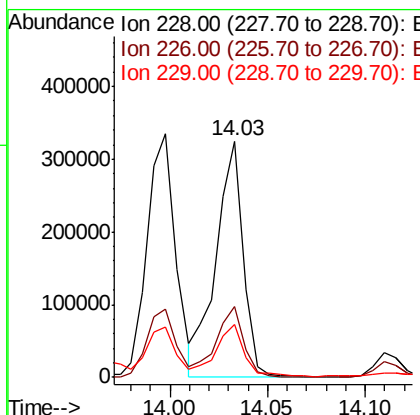
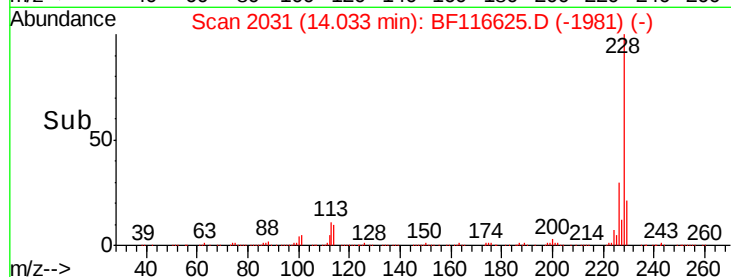
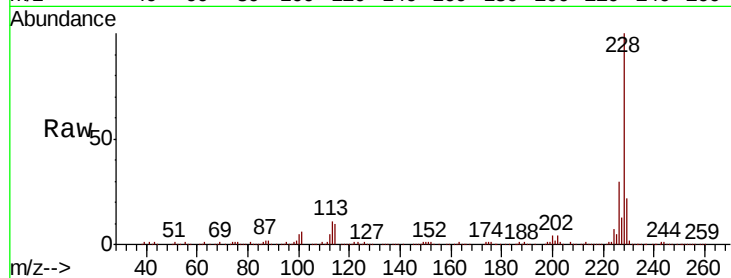
#83
 Chrysene
 Concen: 19.047 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF116625.D
 Acq: 28 Aug 2019 20:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tot Ion	Ratio	Resp	Lower	Upper
228	100	315287		
226	29.9	24.0	36.0	
229	22.2	15.8	23.8	

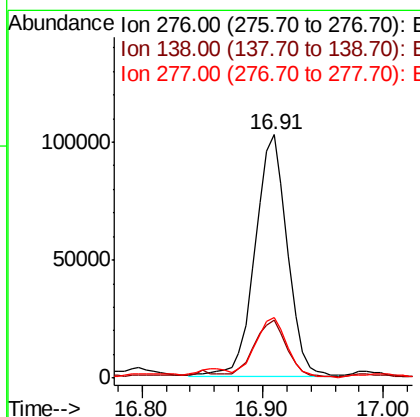
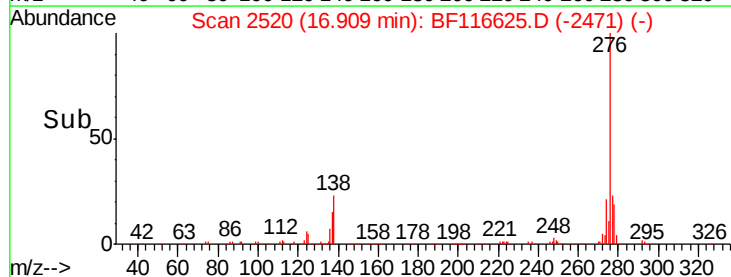
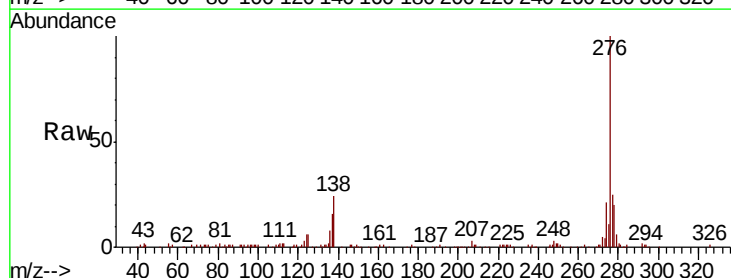
Manual Integrations
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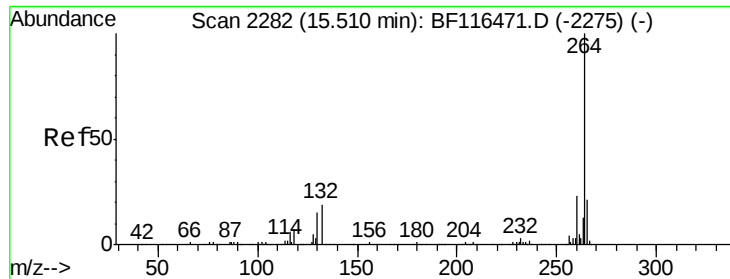
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#86
 Indeno(1,2,3-cd)pyrene
 Concen: 17.249 ng
 RT: 16.91 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BF116625.D
 Acq: 28 Aug 2019 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	190575		
138	23.5	21.5	32.3	
277	24.4	20.0	30.0	





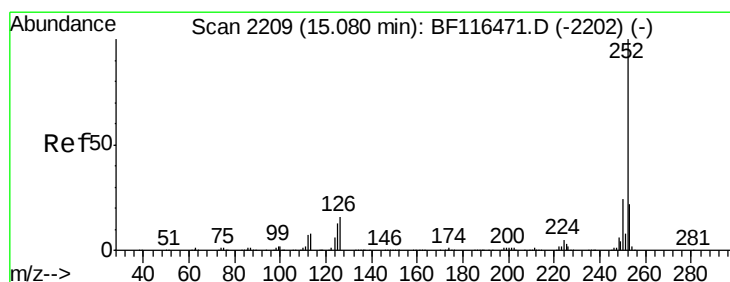
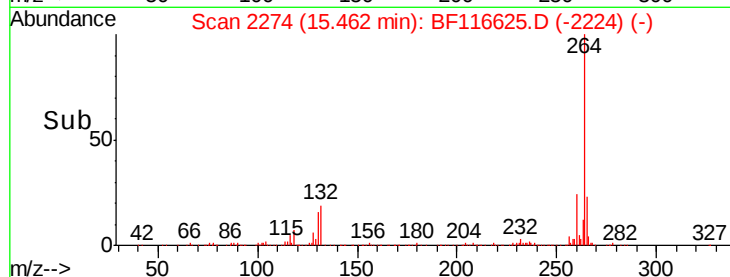
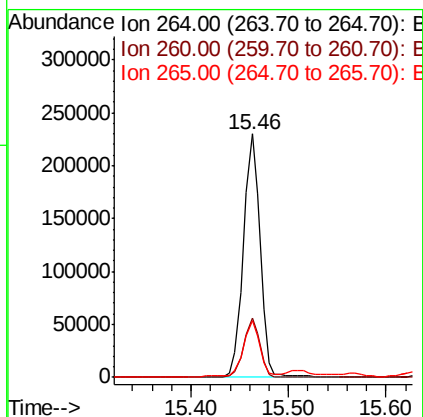
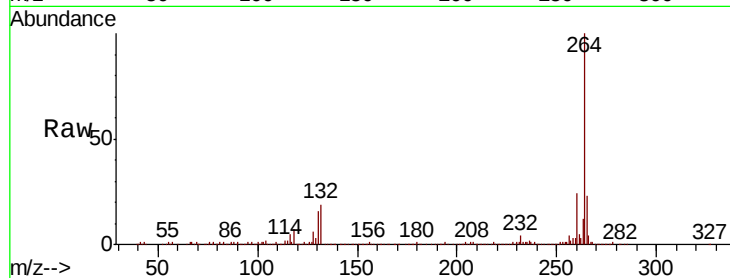
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116625.D
Acq: 28 Aug 2019 20:02

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.0	30.0
265	23.1	17.6	26.4

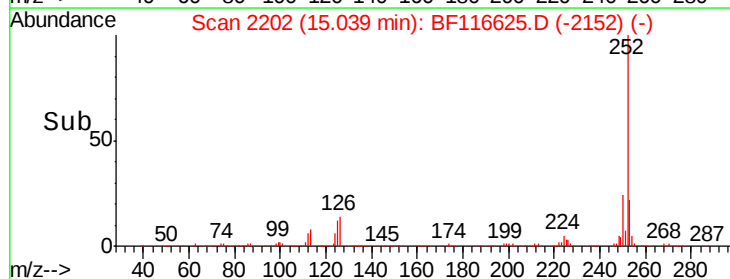
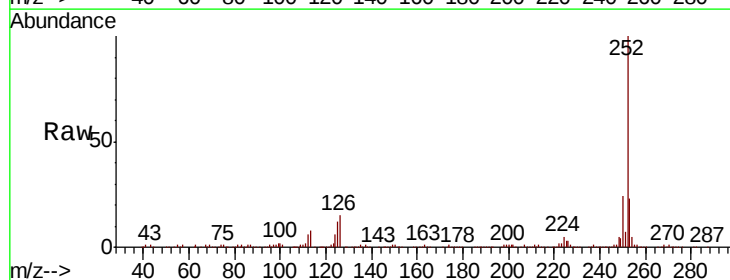
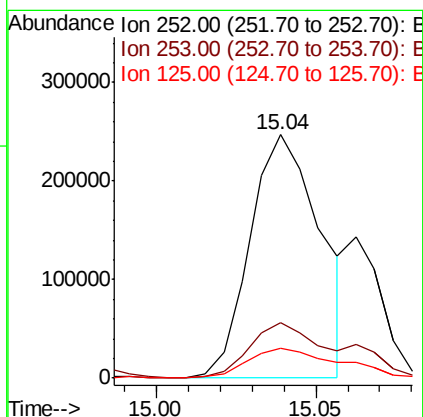
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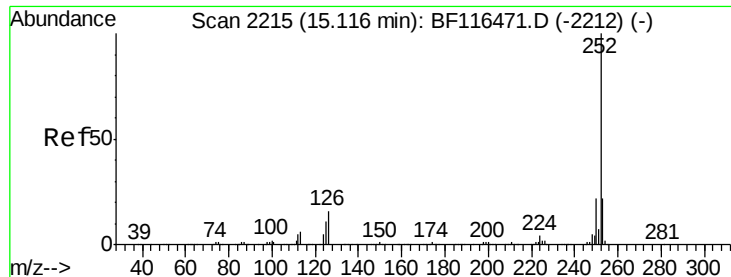
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#88
Benzo(b)fluoranthene
Concen: 22.185 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116625.D
Acq: 28 Aug 2019 20:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	12.2	9.0	13.6





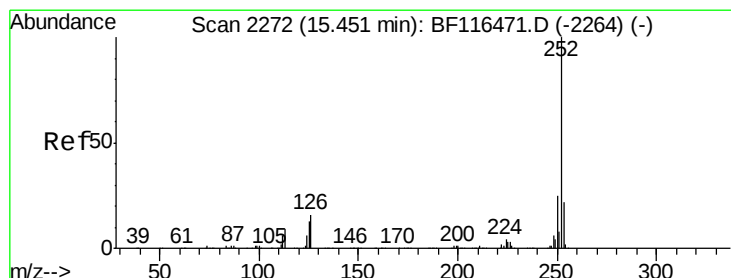
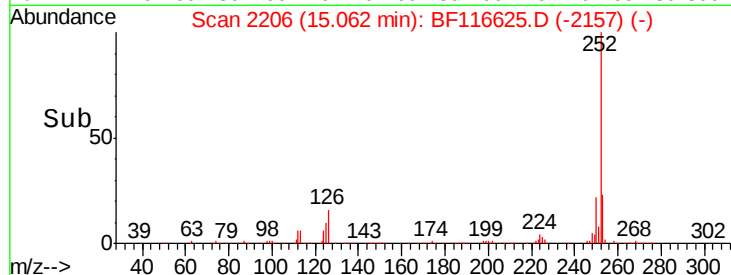
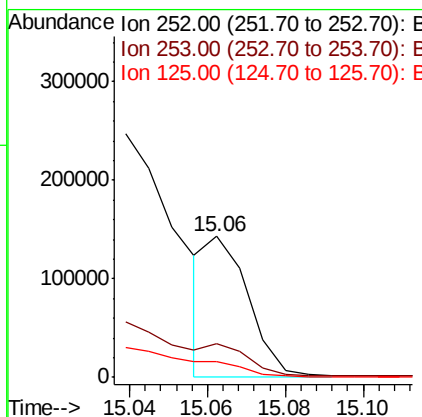
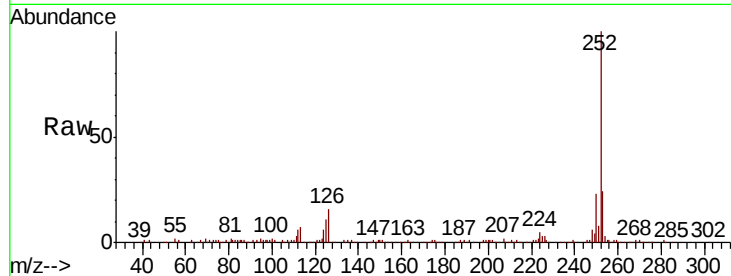
#89
Benzo(k)fluoranthene
Concen: 6.662 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF116625.D
Acq: 28 Aug 2019 20:02

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	11.2	8.6	13.0

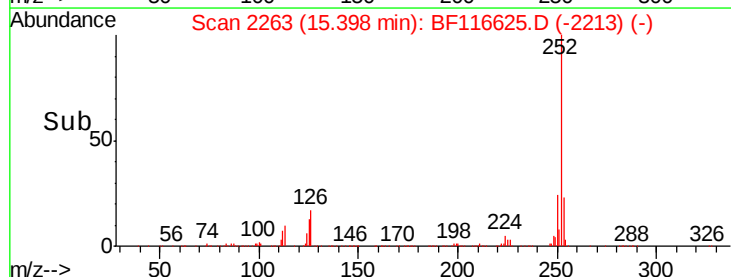
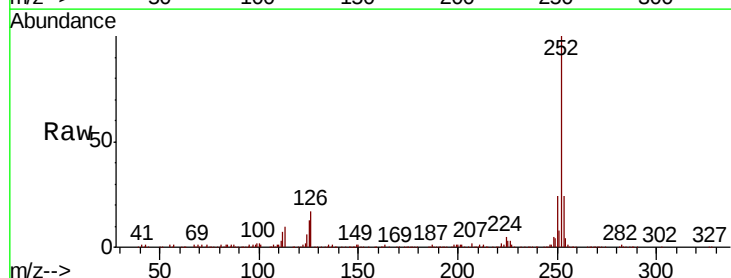
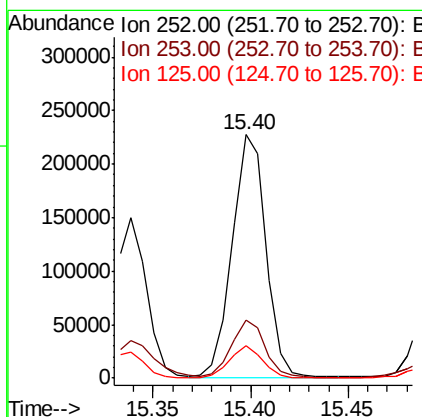
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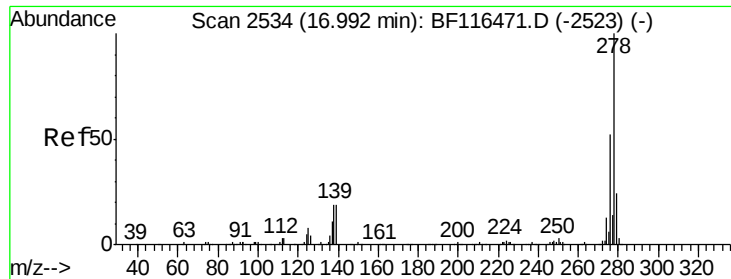
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#90
Benzo(a)pyrene
Concen: 17.912 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF116625.D
Acq: 28 Aug 2019 20:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	13.3	10.6	16.0





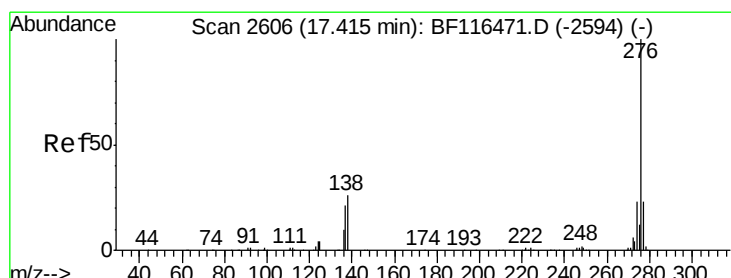
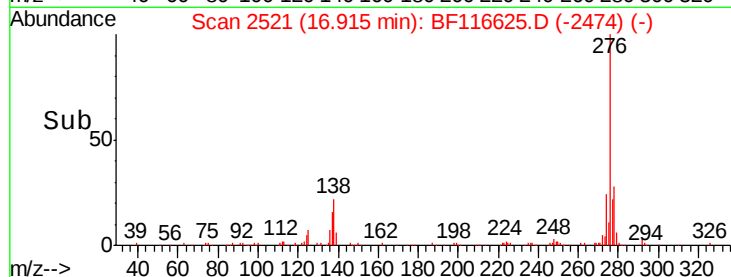
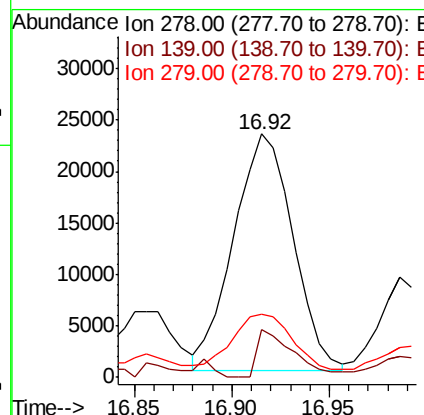
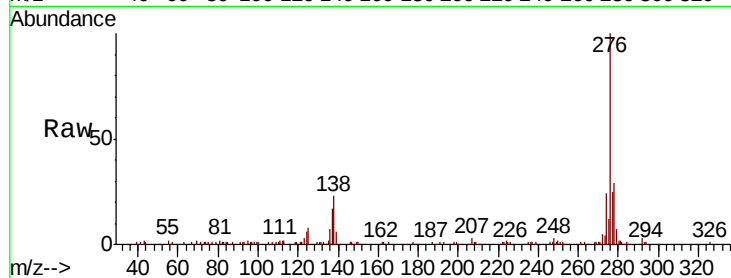
#91
Dibenzo(a,h)anthracene
Concen: 3.427 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.02 min
Lab File: BF116625.D
Acq: 28 Aug 2019 20:02

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.4	14.1	21.1
279	26.0	19.5	29.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 12.413 ng
RT: 17.34 min Scan# 2594
Delta R.T. -0.02 min
Lab File: BF116625.D
Acq: 28 Aug 2019 20:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	23.3	18.2	27.2

