

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116813.D
 Acq On : 4 Sep 2019 14:11
 Operator : HP/JU
 Sample : K4644-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T11-E1-E4-(0-4)

Manual Integrations
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 9/9/2019 9:55:49 AM

Quant Time: Sep 05 10:52:13 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	73358	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	295982	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	151272	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	227816	20.00	ng	0.00
76) Chrysene-d12	14.00	240	155262	20.00	ng	0.00
87) Perylene-d12	15.46	264	180224	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	418460	92.41	ng	0.00
7) Phenol-d6	6.48	99	571642	96.14	ng	0.00
23) Nitrobenzene-d5	7.40	82	354432	68.36	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	115407	114.12	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	614251	68.50	ng	0.00
79) Terphenyl-d14	12.96	244	502919	59.92	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	59893	5.735	ng	# 98
71) Phenanthrene	11.39	178	48529	3.827	ng	# 77
75) Fluoranthene	12.59	202	93294	7.486	ng	# 82
78) Pyrene	12.82	202	78429	5.683	ng	# 88
81) Benzo(a)anthracene	14.00	228	35072	3.569	ng	# 90
83) Chrysene	14.03	228	47470	4.689	ng	# 91
84) Bis(2-ethylhexyl)phthalate	13.98	149	46595	5.624	ng	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	29280	3.601	ng	98
88) Benzo(b)fluoranthene	15.03	252	67984m	6.239	ng	
89) Benzo(k)fluoranthene	15.06	252	20597m	2.073	ng	
90) Benzo(a)pyrene	15.39	252	36033	3.801	ng	# 90
92) Benzo(a,h,i)perylene	17.33	276	27191	3.213	ng	98

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

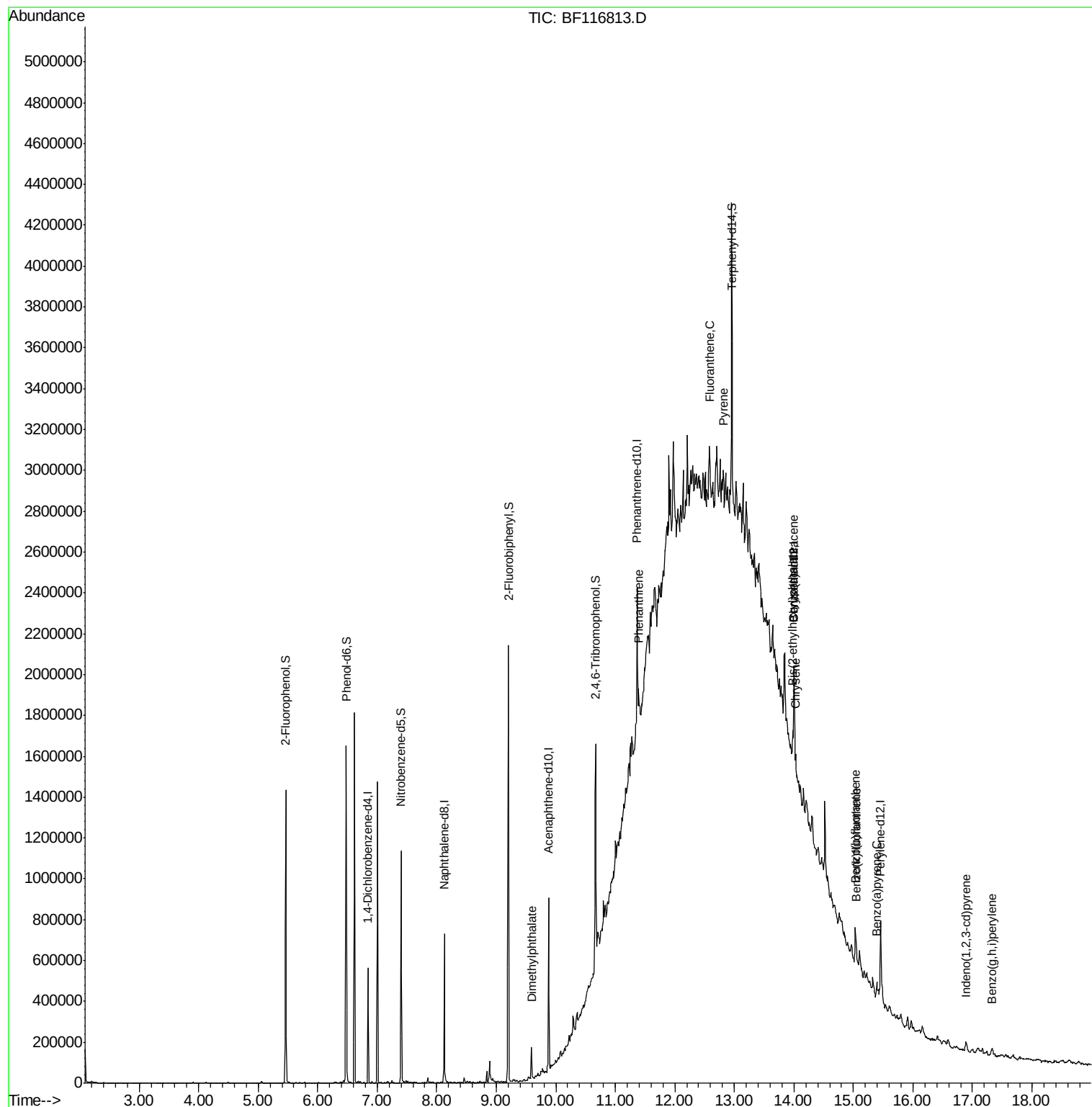
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
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ALS Vial : 10 Sample Multiplier: 1

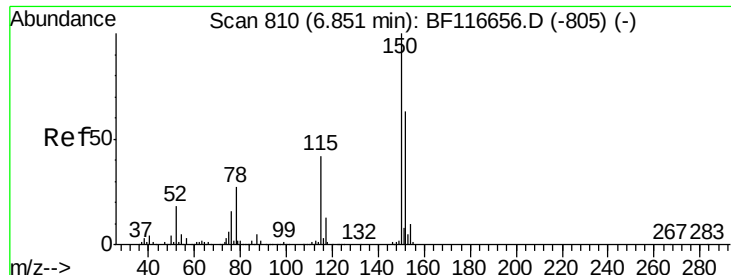
Instrument :
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T11-E1-E4-(0-4)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
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#1

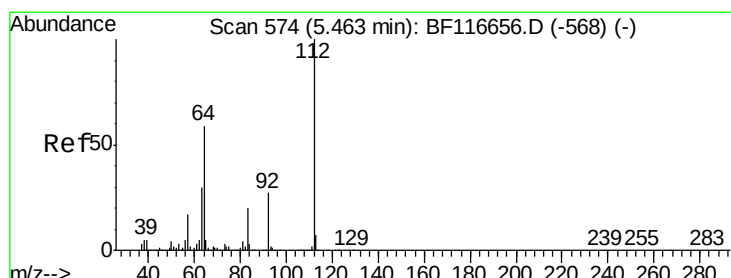
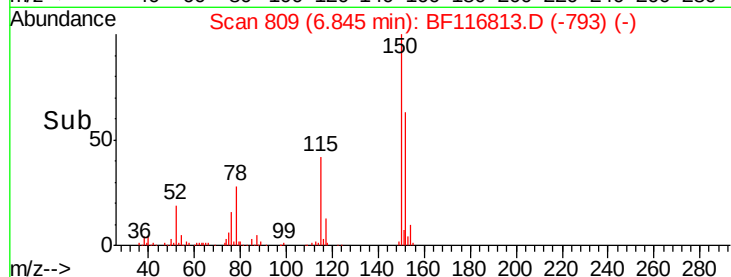
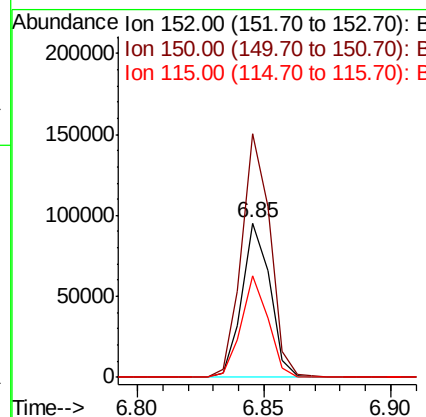
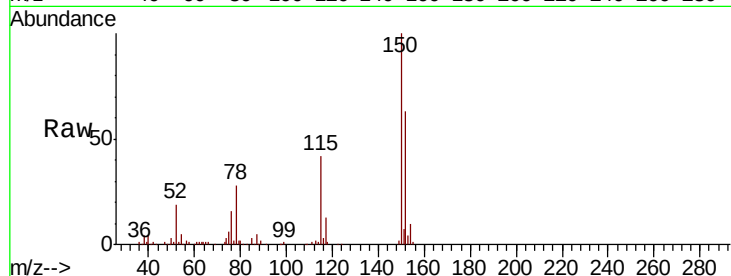
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116813.D
Acq: 4 Sep 2019 14:11

Instrument :
BNA_F
ClientSampleId :
T11-E1-E4-(0-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.4	186.6
115	65.5	49.9	74.9

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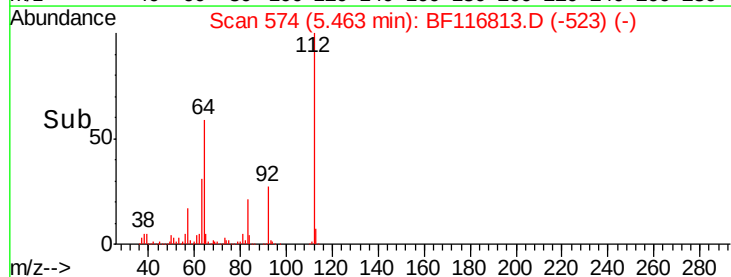
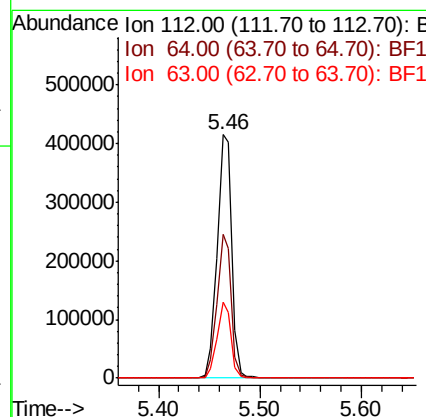
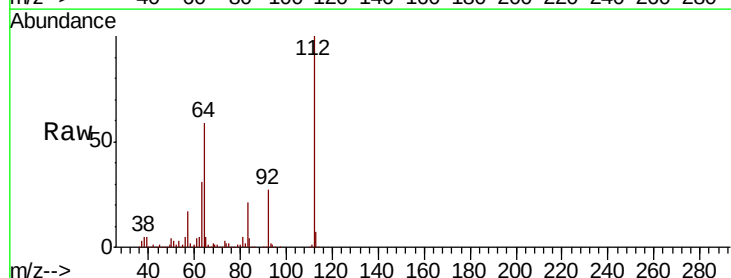
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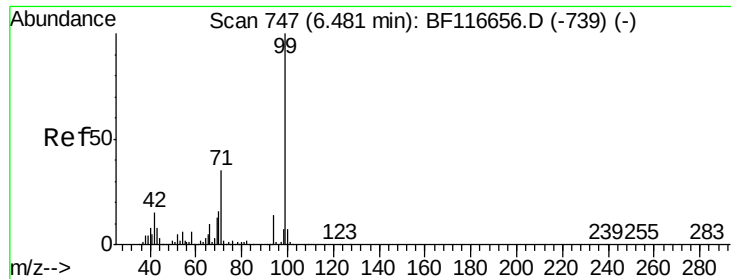


#5

2-Fluorophenol
Concen: 92.414 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116813.D
Acq: 4 Sep 2019 14:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.1	70.7
63	31.3	24.9	37.3





#7

Phenol-d6

Concen: 96.140 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116813.D

Acq: 4 Sep 2019 14:11

Instrument :

BNA_F

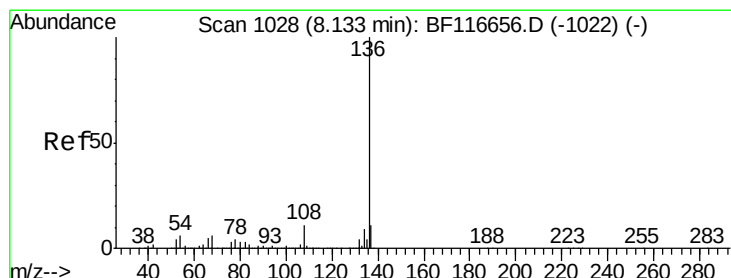
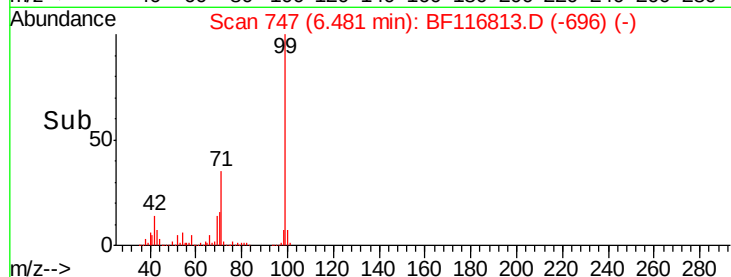
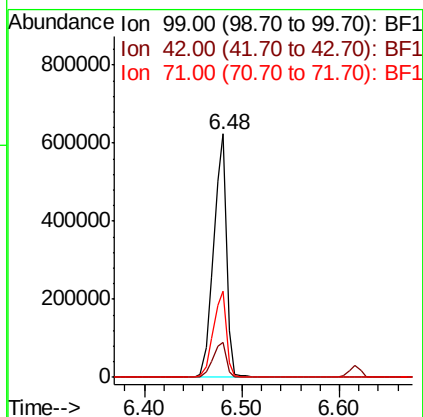
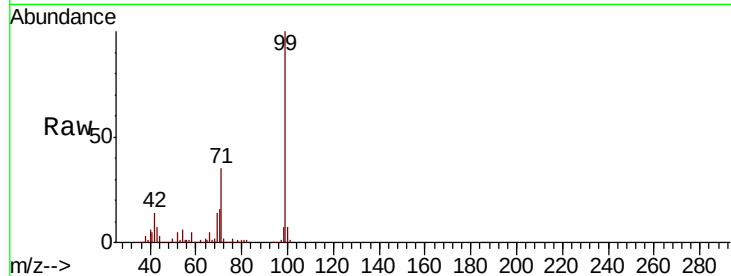
ClientSampleId :

T11-E1-E4-(0-4)

Tot Ion:	99	Resp:	571642
Ion Ratio	Lower	Upper	
99	100		
42	14.4	13.7	20.5
71	35.3	30.8	46.2

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#21

Naphthalene-d8

Concen: 20.000 ng

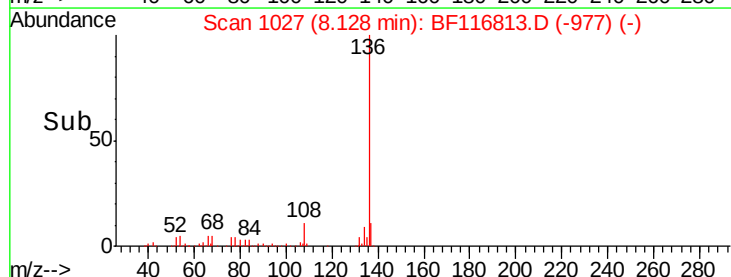
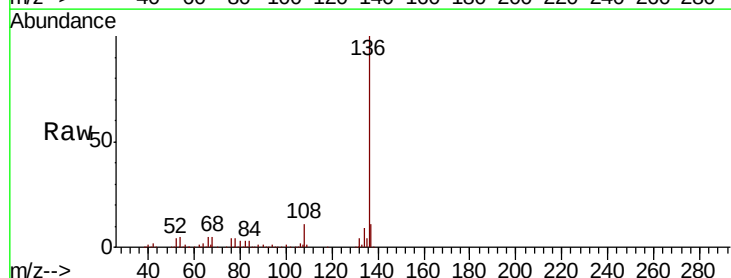
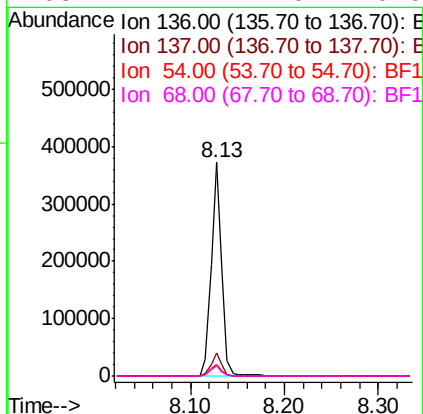
RT: 8.13 min Scan# 1027

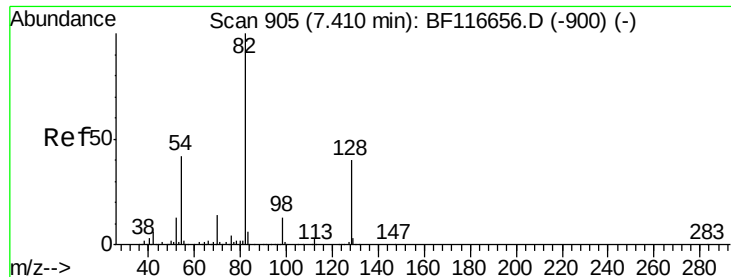
Delta R.T. -0.01 min

Lab File: BF116813.D

Acq: 4 Sep 2019 14:11

Tgt Ion:	136	Resp:	295982
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	5.3	4.8	7.2
68	4.7	4.0	6.0





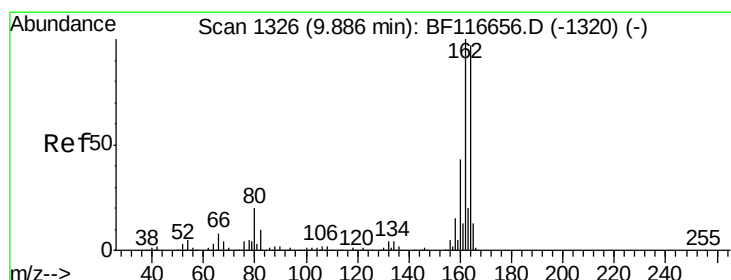
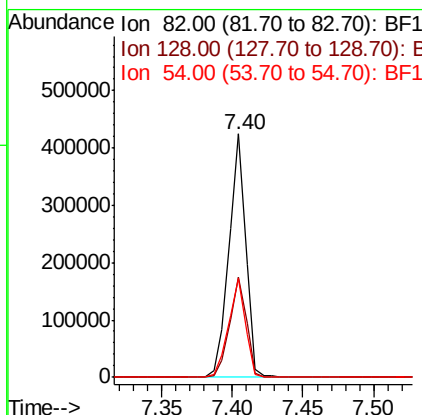
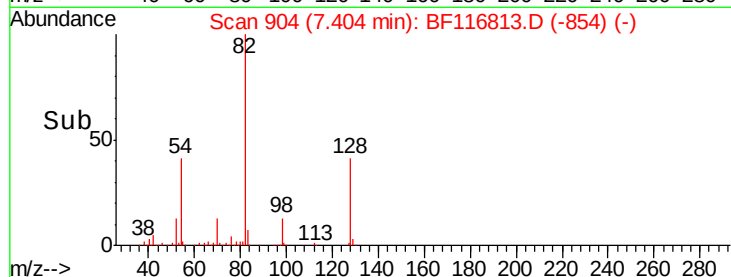
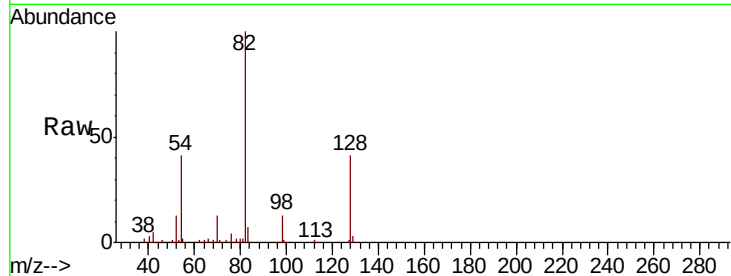
#23
 Nitrobenzene-d5
 Concen: 68.361 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116813.D
 Acq: 4 Sep 2019 14:11

Instrument :
 BNA_F
 ClientSampleId :
 T11-E1-E4-(0-4)

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.8	49.2
54	40.9	36.9	55.3

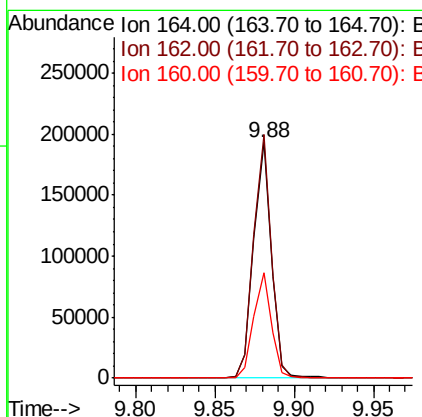
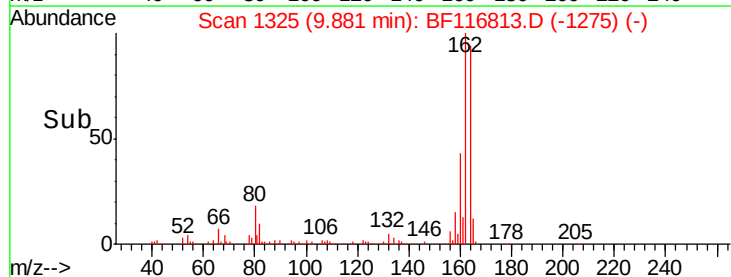
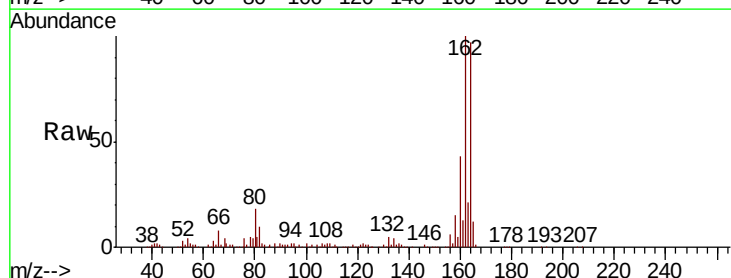
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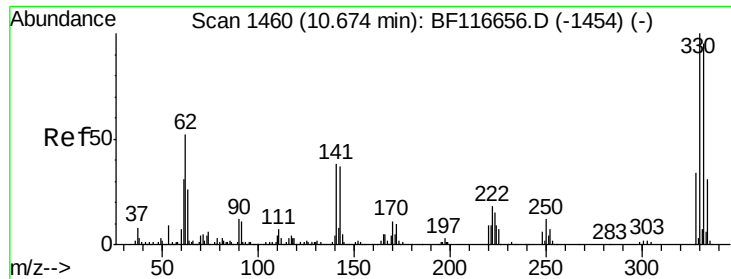
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF116813.D
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Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.4	122.0
160	44.7	35.4	53.2





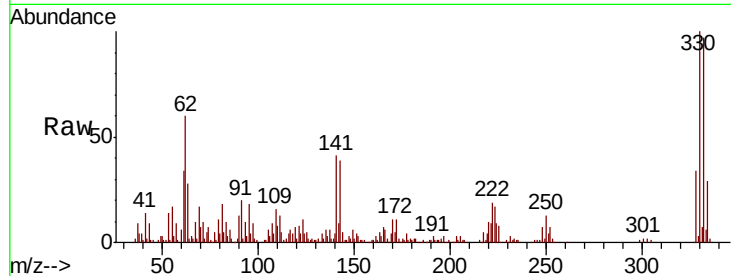
#42
 2,4,6-Tribromophenol
 Concen: 114.119 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116813.D
 Acq: 4 Sep 2019 14:11

Instrument :
 BNA_F
 ClientSampleId :
 T11-E1-E4-(0-4)

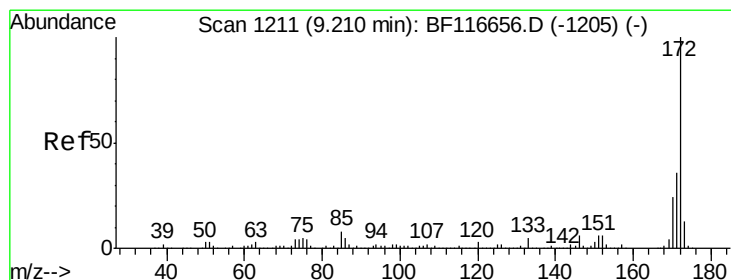
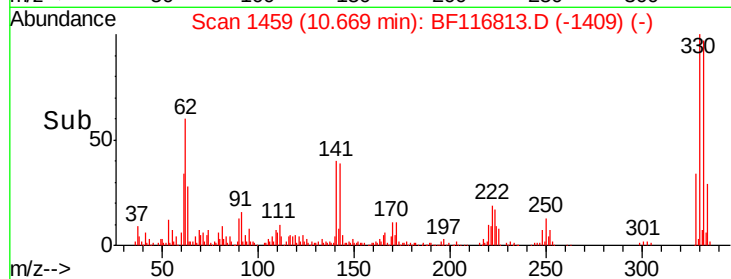
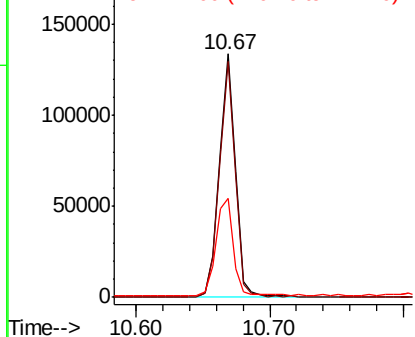
Tot Ion	Ratio	Resp	Lower	Upper
330	100	115407		
332	95.3	76.9	115.3	
141	43.3	31.4	47.2	

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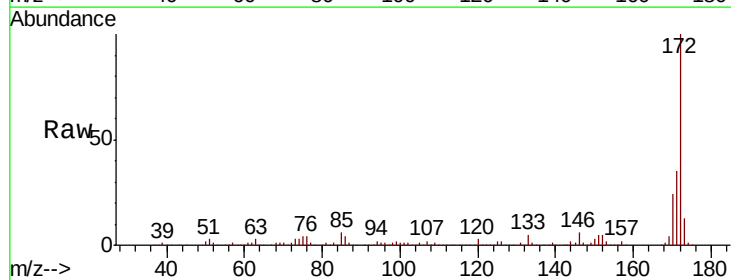


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

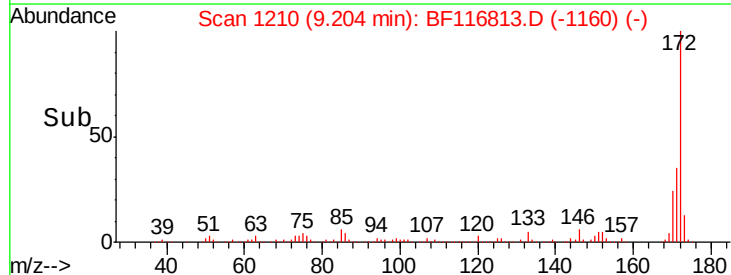
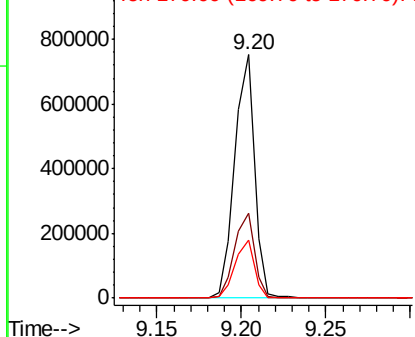


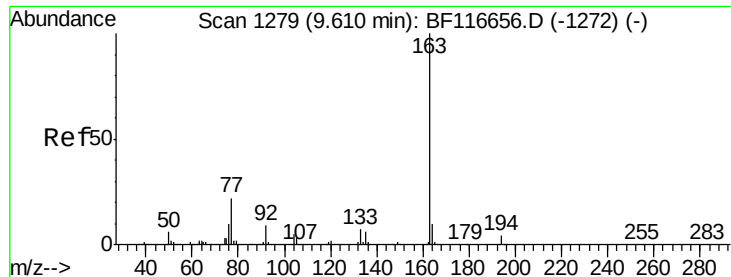
#45
 2-Fluorobiphenyl
 Concen: 68.498 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116813.D
 Acq: 4 Sep 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	614251		
171	34.8	27.8	41.6	
170	23.6	18.9	28.3	



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





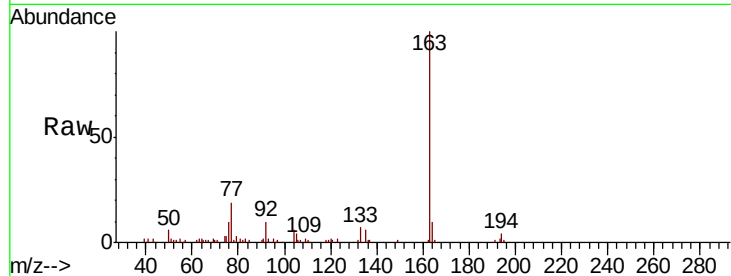
#50
Dimethylphthalate
Concen: 5.735 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116813.D
Acq: 4 Sep 2019 14:11

Instrument :
BNA_F
ClientSampleId :
T11-E1-E4-(0-4)

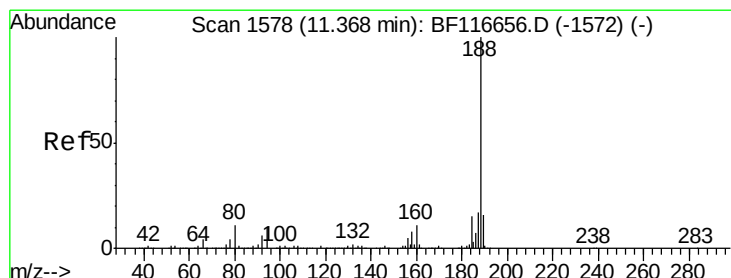
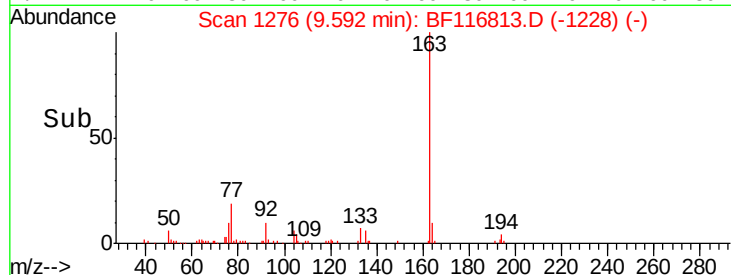
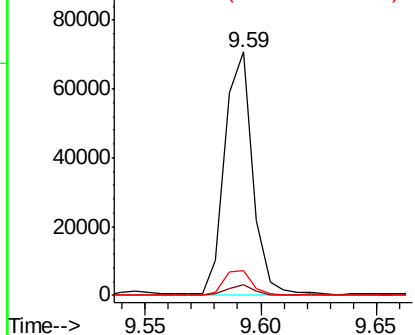
Tot Ion	Ratio	Resp	Lower	Upper
163	100	59893		
194	4.4		2.8	4.2#
164	10.0		8.6	12.8

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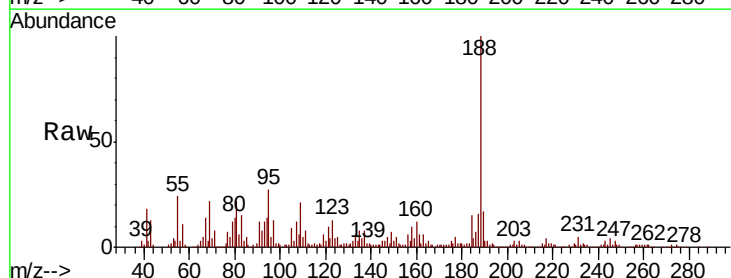


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

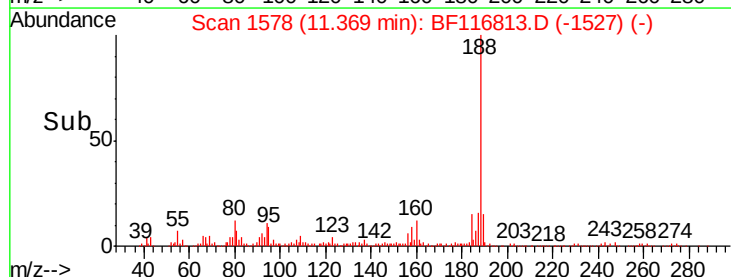
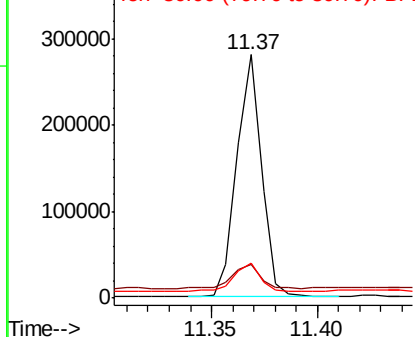


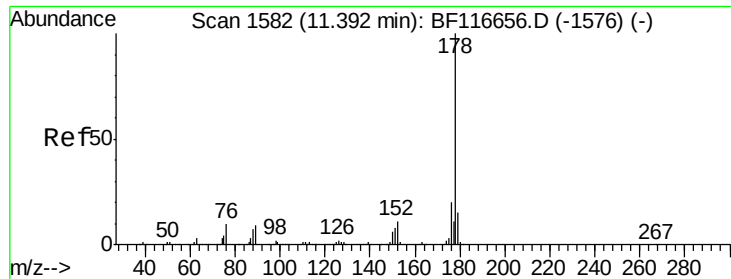
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF116813.D
Acq: 4 Sep 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	227816		
94	13.8		7.3	10.9#
80	14.1		8.4	12.6#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





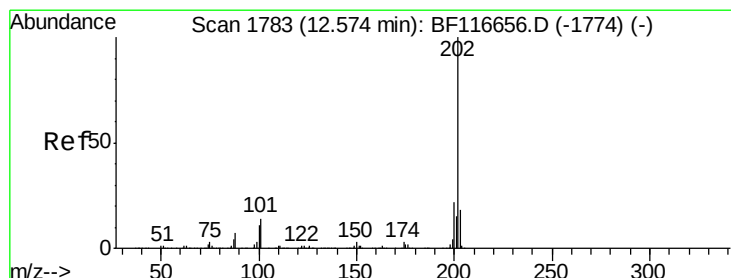
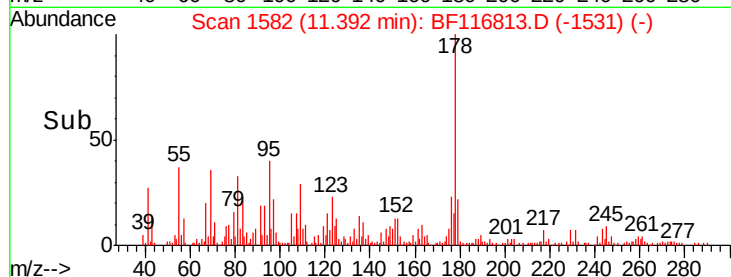
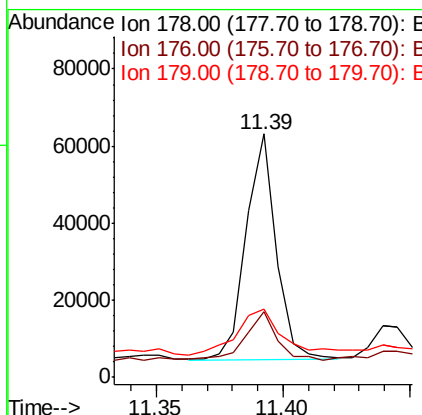
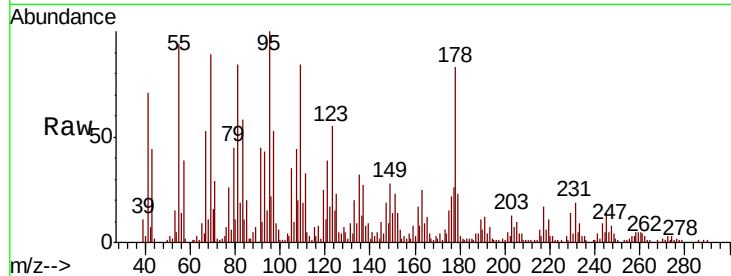
#71
Phenanthrene
Concen: 3.827 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF116813.D
Acq: 4 Sep 2019 14:11

Instrument :
BNA_F
ClientSampleId :
T11-E1-E4-(0-4)

Tot Ion	Ratio	Lower	Upper
178	100		
176	26.9	15.4	23.0#
179	28.1	12.2	18.2#

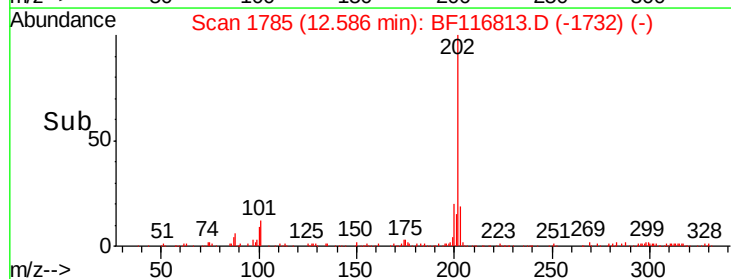
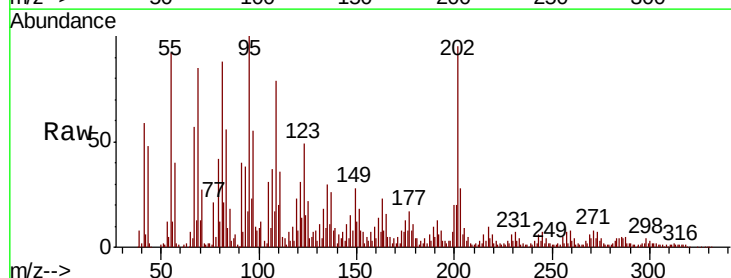
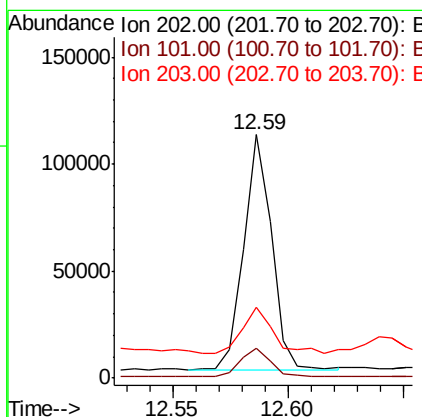
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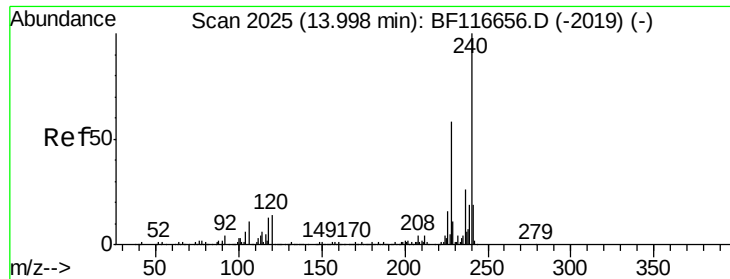
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#75
Fluoranthene
Concen: 7.486 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BF116813.D
Acq: 4 Sep 2019 14:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.3
203	29.3	0.0	37.6





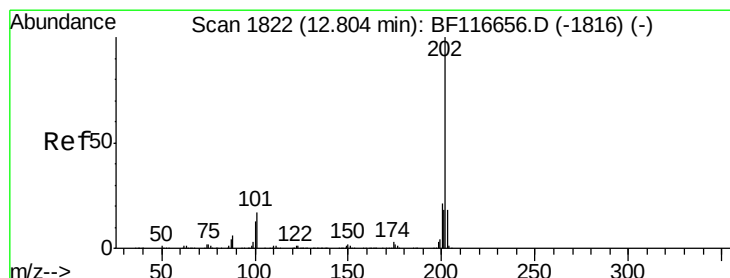
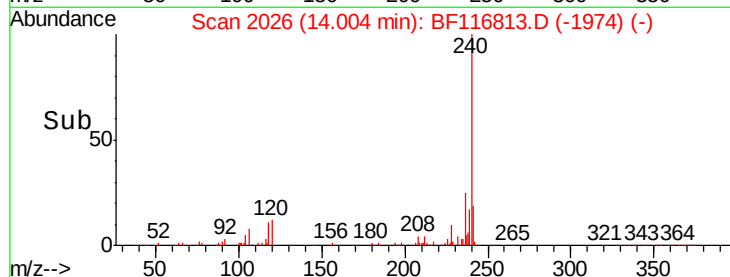
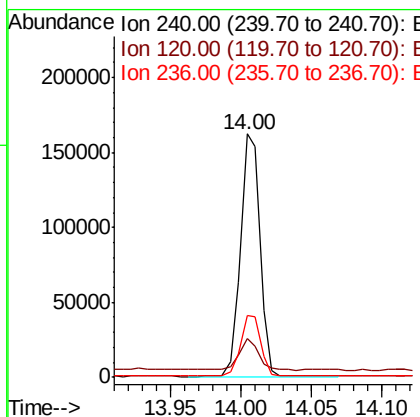
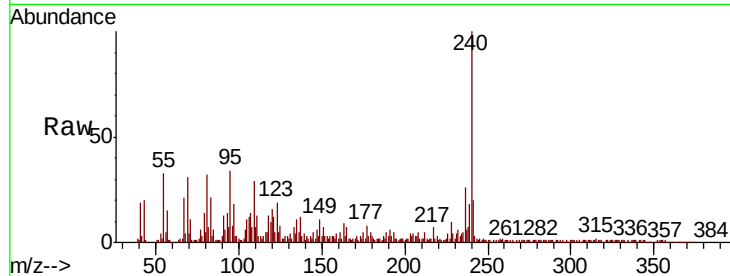
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF116813.D
Acq: 4 Sep 2019 14:11

Instrument :
BNA_F
ClientSampleId :
T11-E1-E4-(0-4)

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.0	9.1	13.7#
236	25.6	21.1	31.7

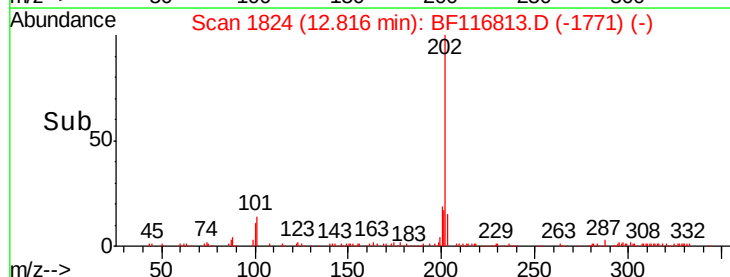
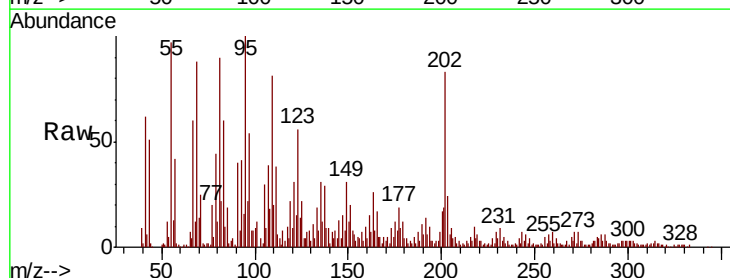
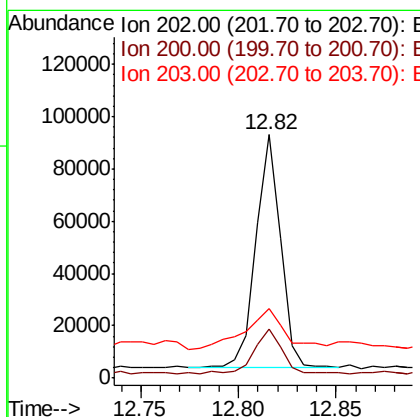
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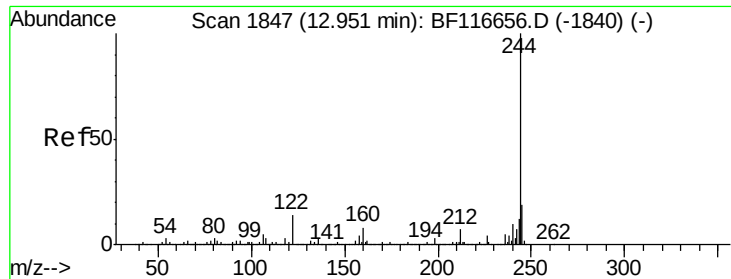
mohammad
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#78
Pyrene
Concen: 5.683 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.01 min
Lab File: BF116813.D
Acq: 4 Sep 2019 14:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.5	24.7
203	28.4	13.7	20.5#





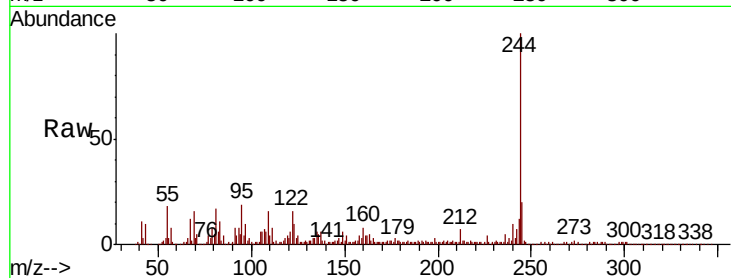
#79
 Terphenyl-d14
 Concen: 59.923 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.01 min
 Lab File: BF116813.D
 Acq: 4 Sep 2019 14:11

Instrument :
 BNA_F
 ClientSampleId :
 T11-E1-E4-(0-4)

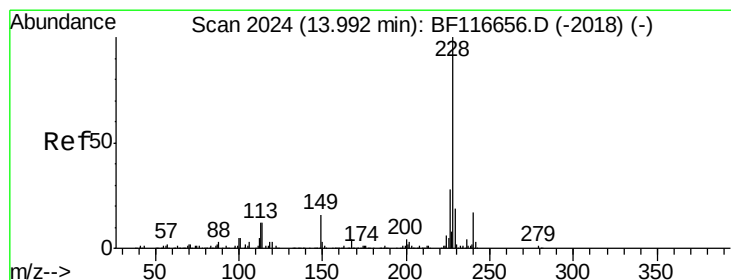
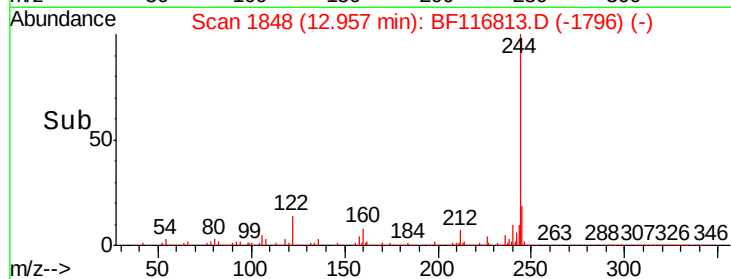
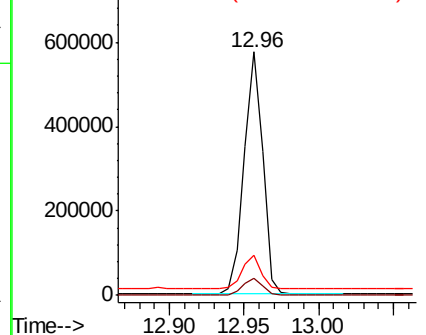
Tot Ion:	244	Resp:	502919
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.1	9.1
122	16.3	10.2	15.4

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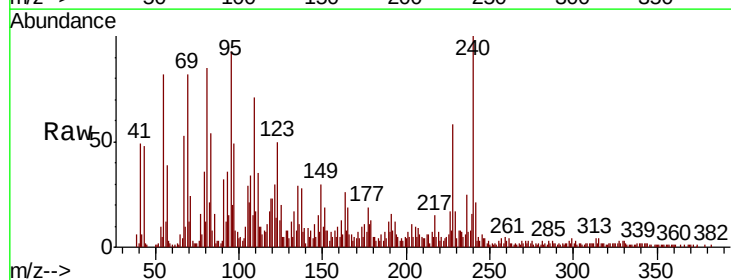


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

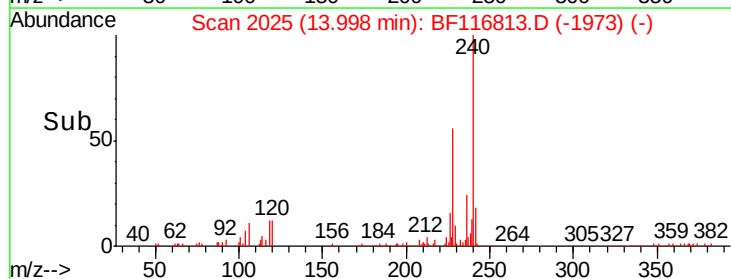
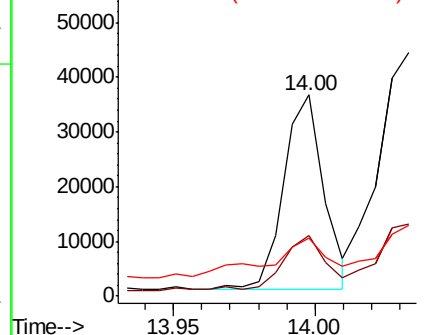


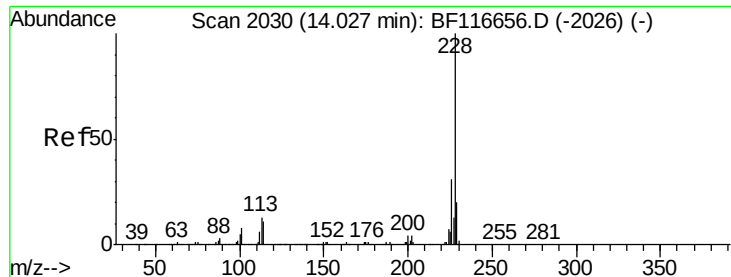
#81
 Benzo(a)anthracene
 Concen: 3.569 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF116813.D
 Acq: 4 Sep 2019 14:11

Tgt Ion:	228	Resp:	35072
Ion Ratio	Lower	Upper	
228	100		
226	29.8	22.0	33.0
229	28.6	16.4	24.6



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





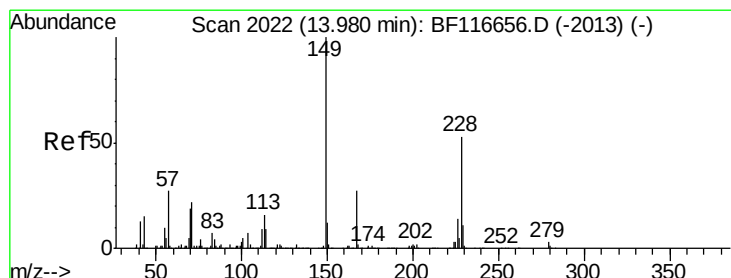
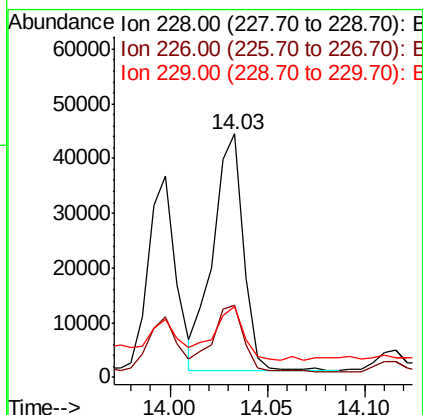
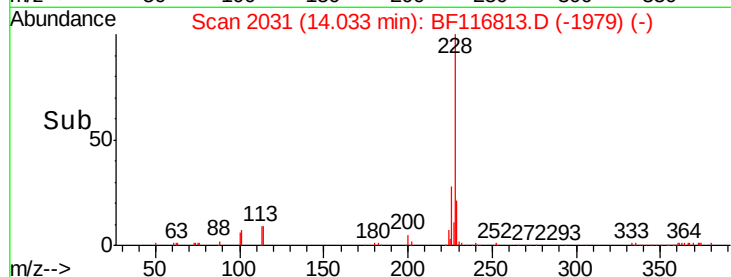
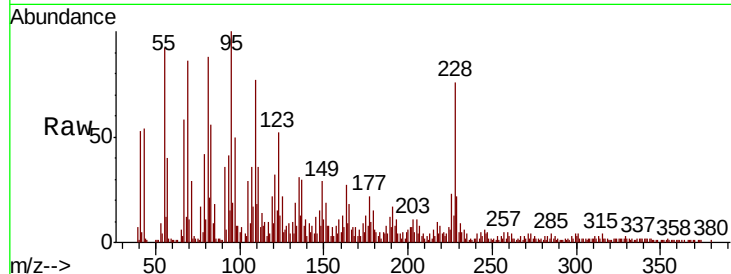
#83
 Chrysene
 Concen: 4.689 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BF116813.D
 Acq: 4 Sep 2019 14:11

Instrument :
 BNA_F
 ClientSampleId :
 T11-E1-E4-(0-4)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	29.1	15.4	23.0

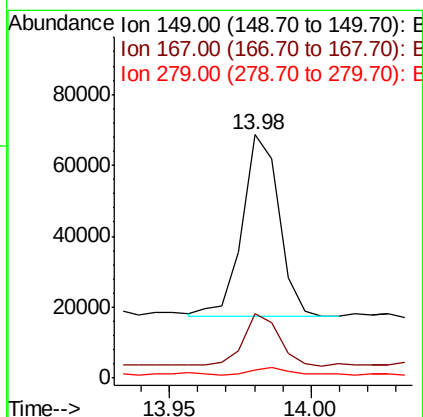
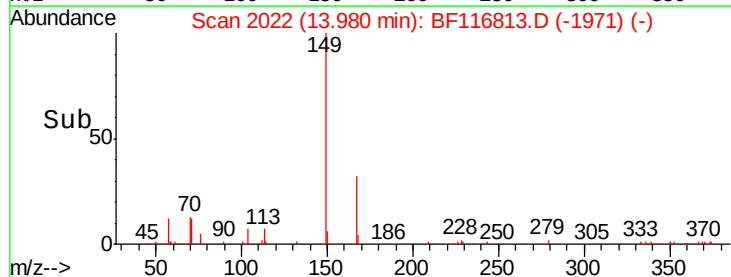
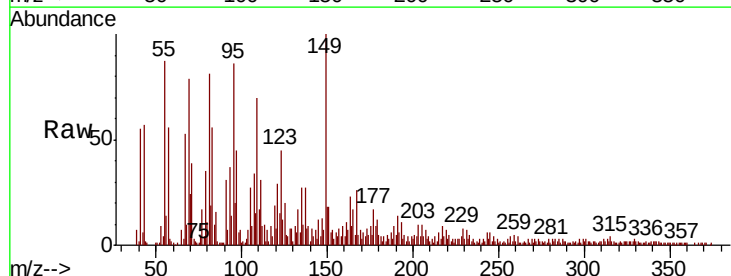
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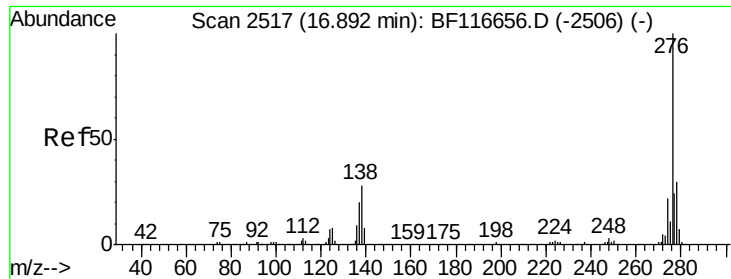
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.624 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF116813.D
 Acq: 4 Sep 2019 14:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.4
279	3.5	2.8	4.2





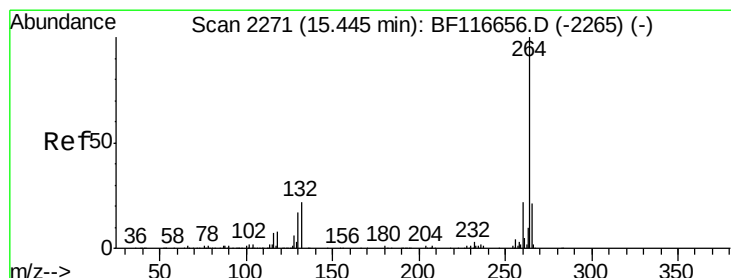
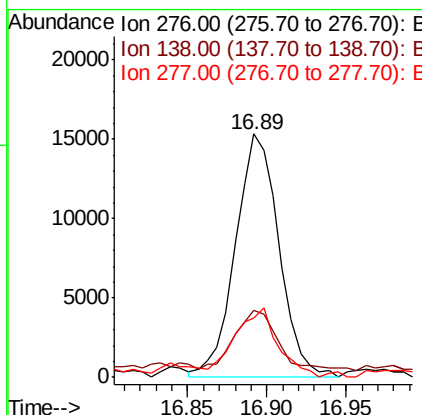
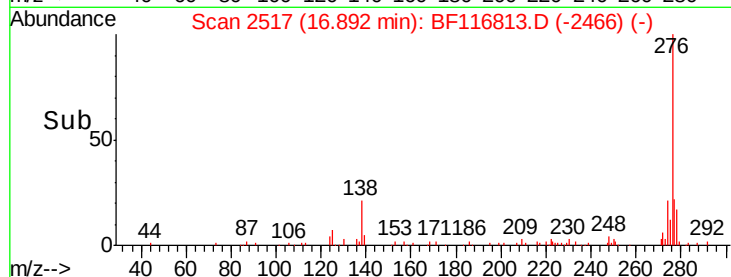
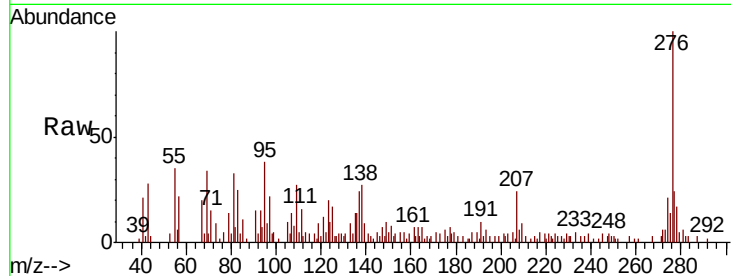
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.601 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BF116813.D
Acq: 4 Sep 2019 14:11

Instrument :
BNA_F
ClientSampleId :
T11-E1-E4-(0-4)

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.4	29.2
277	27.9	20.5	30.7

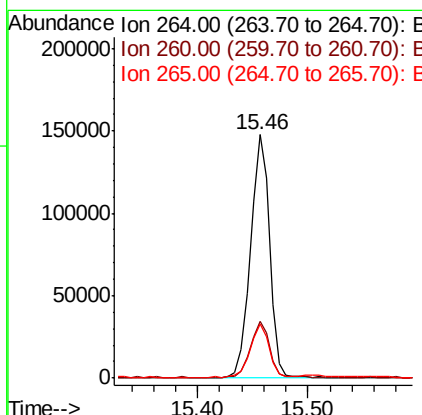
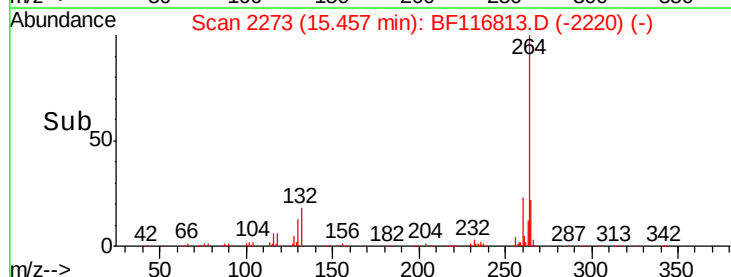
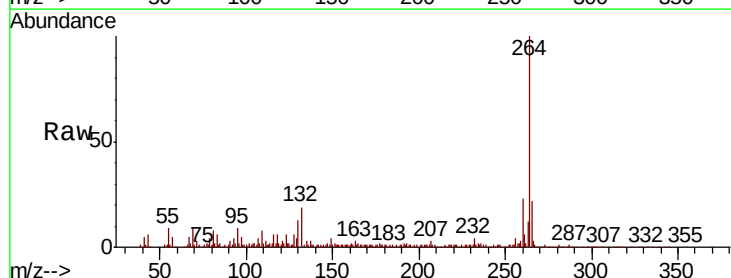
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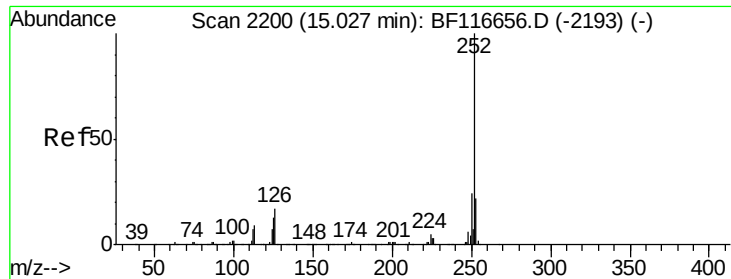
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF116813.D
Acq: 4 Sep 2019 14:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	22.0	16.5	24.7





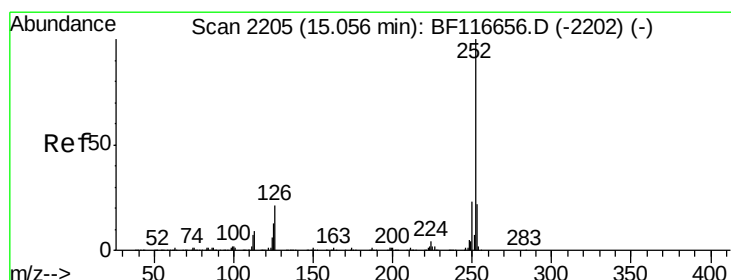
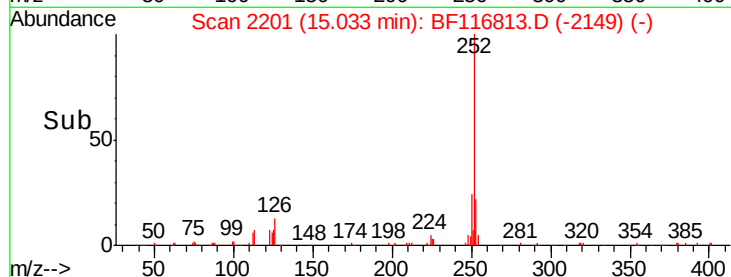
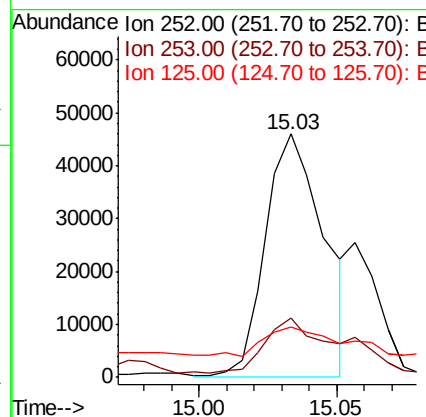
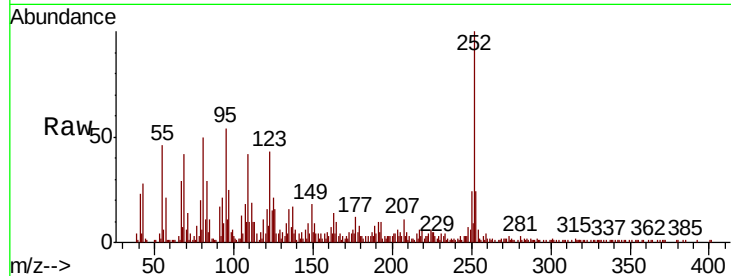
#88
Benzo(b)fluoranthene
Concen: 6.239 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF116813.D
Acq: 4 Sep 2019 14:11

Instrument :
BNA_F
ClientSampleId :
T11-E1-E4-(0-4)

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.7	26.5
125	20.6	8.2	12.2#

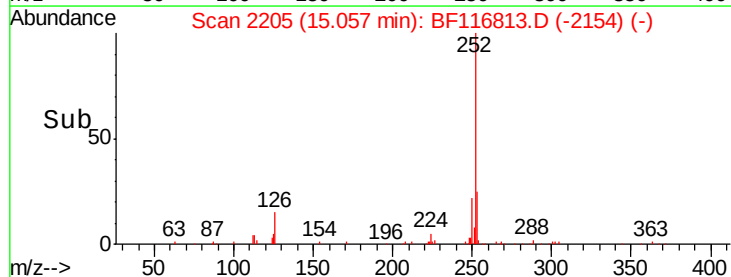
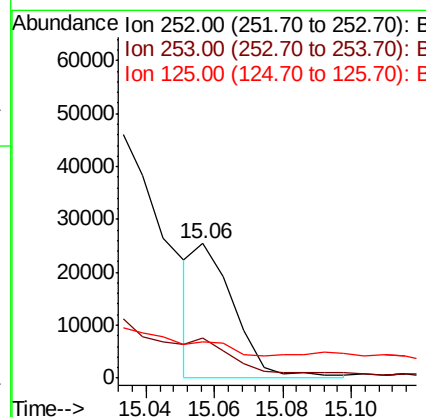
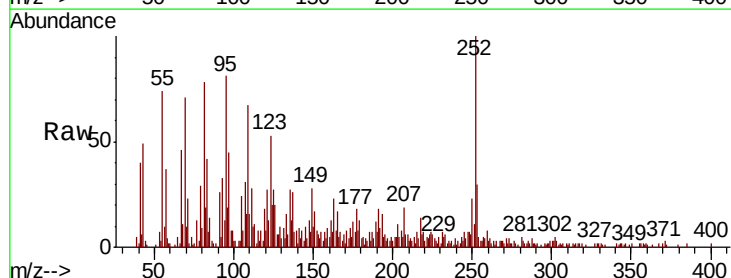
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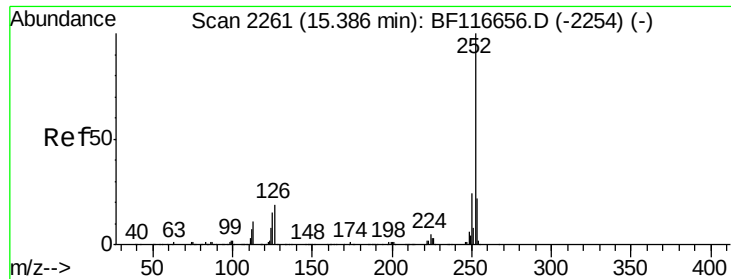
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#89
Benzo(k)fluoranthene
Concen: 2.073 ng m
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF116813.D
Acq: 4 Sep 2019 14:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.9	17.7	26.5#
125	27.0	8.6	13.0#





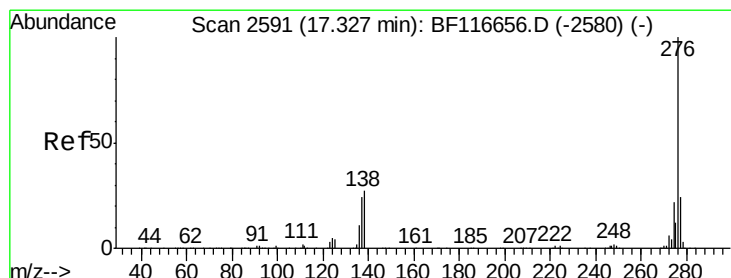
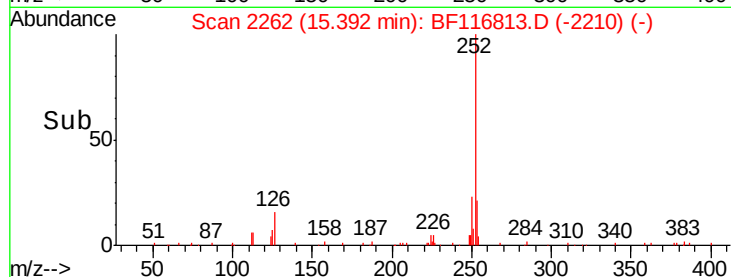
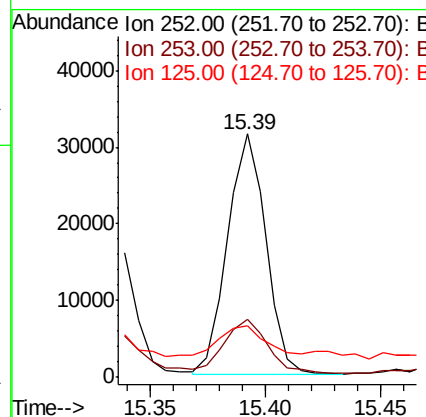
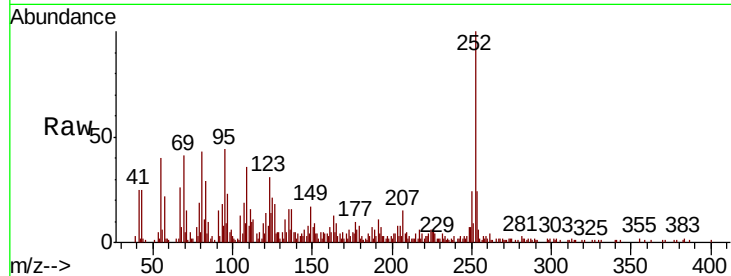
#90
Benzo(a)pyrene
Concen: 3.801 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF116813.D
Acq: 4 Sep 2019 14:11

Instrument :
BNA_F
ClientSampleId :
T11-E1-E4-(0-4)

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	21.2	9.8	14.8

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#92
Benzo(g,h,i)perylene
Concen: 3.213 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BF116813.D
Acq: 4 Sep 2019 14:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.5	27.7
138	21.8	16.2	24.2

